LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020060.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	22	25	33	rVB	15622	25199	0.43%	0.050%
2	3.652	92	96	104	rBV	31521	62175	1.06%	0.122%
3	3.728	106	109	116	rVB	28182	39475	0.68%	0.078%
4	6.993	656	664	675	rBV	238010	426484	7.30%	0.839%
5	7.640	763	774	782	rBV	382939	673469	11.53%	1.326%
6	8.363	892	897	903	rBV4	10407	22936	0.39%	0.045%
7	8.799	964	971	986	rBV	289448	576934	9.88%	1.136%
8	9.152	1026	1031	1038	rVB2	10767	18103	0.31%	0.036%
9	9.510	1085	1092	1108	rBV	223829	467045	7.99%	0.919%
10	10.410	1234	1245	1259	rVV	528015	989082	16.93%	1.947%
11	10.528	1261	1265	1268	rVV6	9968	17675	0.30%	0.035%
12	10.563	1268	1271	1278	rVV3	11539	17265	0.30%	0.034%
13	11.240	1384	1386	1395	rVV9	8144	17971	0.31%	0.035%
14	11.428	1413	1418	1423	rBV3	11494	19002	0.33%	0.037%
15	11.846	1482	1489	1498	rBV2	26734	53159	0.91%	0.105%
16	12.757	1640	1644	1649	rBV6	11165	23496	0.40%	0.046%
17	12.816	1649	1654	1659	rVB	24595	39188	0.67%	0.077%
18	13.116	1699	1705	1712	rVV3	48363	104206	1.78%	0.205%
19	13.198	1712	1719	1724	rVB3	17119	34408	0.59%	0.068%
20	13.275	1728	1732	1738	rVB7	13277	21756	0.37%	0.043%
21	13.628	1786	1792	1799	rBV7	15517	49404	0.85%	0.097%
22	13.728	1802	1809	1815	rVV	690801	1115115	19.09%	2.195%
23	13.787	1815	1819	1824	rVV3	48591	81154	1.39%	0.160%
24	13.845	1824	1829	1836	rVV7	18436	45227	0.77%	0.089%
25	13.963	1845	1849	1853	rBV6	13572	27527	0.47%	0.054%
26	14.040	1853	1862	1867	rVV	62042	127054	2.17%	0.250%
27	14.222	1886	1893	1897	rBV2	80750	127398	2.18%	0.251%
28	14.322	1901	1910	1916	rVV	917779	1404874	24.05%	2.765%
29	14.381	1917	1920	1922	rBV3	11420	17063	0.29%	0.034%
30	14.475	1931	1936	1942	rBV	65906	113342	1.94%	0.223%
31	14.551	1943	1949	1955	rBV6	36246	88395	1.51%	0.174%
32	14.616	1955	1960	1963	rBV5	19843	40601	0.69%	0.080%
33	14.734	1976	1980	1983	rBV2	48124	64004	1.10%	0.126%
34	14.769	1983	1986	1997	rVB2	49706	106290	1.82%	0.209%
35	14.857	1997	2001	2007	rVB3	40010	59836	1.02%	0.118%
36	14.934	2010	2014	2016	rBV4	13146	18407	0.32%	0.036%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Title : SVOA CALIBRATION

37	14.975	2016	2021	2024	rBV7	16614	32453	0.56%	0.064%
38	15.010	2025	2027	2031	rVB	18760	20840	0.36%	0.041%
39	15.110	2039	2044	2052	rBV10	33816	88662	1.52%	0.175%
40	15.198	2055	2059	2067	rVB	109499	162144	2.78%	0.319%
41	15.345	2078	2084	2089	rBV2	143716	221199	3.79%	0.435%
42	15.404	2089	2094	2098	rBV2	138341	211821	3.63%	0.417%
43	15.498	2106	2110	2117	rBV	171445	263330	4.51%	0.518%
44	15.628	2128	2132	2138	rVB2	120488	197870	3.39%	0.389%
45	15.704	2143	2145	2155	rVB5	56011	119468	2.05%	0.235%
46	15.792	2156	2160	2163	rBV5	30189	45450	0.78%	0.089%
47	15.928	2180	2183	2195	rVB6	56928	143700	2.46%	0.283%
48	16.116	2209	2215	2216	rBV3	281911	432503	7.40%	0.851%
49	16.210	2229	2231	2234	rBV3	23408	33559	0.57%	0.066%
50	16.439	2264	2270	2277	rBV7	75904	235138	4.03%	0.463%
51	16.498	2277	2280	2284	rVV	33399	53228	0.91%	0.105%
52	16.822	2328	2335	2343	rBV	1084443	1809926	30.98%	3.563%
53	16.892	2343	2347	2350	rVV3	118327	209611	3.59%	0.413%
54	16.928	2350	2353	2358	rVV	174885	284303	4.87%	0.560%
55	16.981	2358	2362	2371	rVB	186513	346597	5.93%	0.682%
56	17.086	2376	2380	2386	rBV	89029	168128	2.88%	0.331%
57	17.175	2389	2395	2400	rBV	916350	1486170	25.44%	2.925%
58	17.222	2400	2403	2407	rVB	139673	172935	2.96%	0.340%
59	17.310	2414	2418	2423	rVB	176653	237804	4.07%	0.468%
60	17.375	2424	2429	2435	rBV	324693	520871	8.92%	1.025%
61	17.504	2448	2451	2455	rVB3	105590	147874	2.53%	0.291%
62	17.598	2459	2467	2477	rBV4	190536	641873	10.99%	1.263%
63	17.716	2482	2487	2494	rVV3	202961	324933	5.56%	0.640%
64	17.792	2495	2500	2507	rVV2	212501	340296	5.83%	0.670%
65	17.886	2514	2516	2526	rVB6	132719	225666	3.86%	0.444%
66	17.998	2532	2535	2543	rBV	116026	181581	3.11%	0.357%
67	18.086	2545	2550	2552	rVV3	76062	130076	2.23%	0.256%
68	18.128	2553	2557	2565	rVB3	486957	794138	13.59%	1.563%
69	18.428	2605	2608	2612	rBV2	132760	183251	3.14%	0.361%
70	18.498	2617	2620	2628	rVB4	142176	247696	4.24%	0.488%
71	18.575	2630	2633	2634	rBV3	95031	92862	1.59%	0.183%
72	18.610	2636	2639	2643	rVV	434893	648013	11.09%	1.276%
73	18.663	2643	2648	2654	rVB	3899667	5841921	100.00%	11.499%
74	18.963	2695	2699	2702	rBV2	75928	117490	2.01%	0.231%
75	19.192	2734	2738	2745	rBV	819398	1192303	20.41%	2.347%
76	19.292	2752	2755	2756	rBV	120284	130405	2.23%	0.257%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Title : SVOA CALIBRATION

77	19.327	2757	2761	2768	rVB3	455046	824356	14.11%	1.623%
78	19.404	2769	2774	2776	rBV	273065	435471	7.45%	0.857%
79	19.433	2776	2779	2783	rVB2	224966	294797	5.05%	0.580%
80	19.480	2783	2787	2790	rBV2	366647	491956	8.42%	0.968%
81	19.545	2792	2798	2802	rBV2	714636	1117190	19.12%	2.199%
82	19.722	2823	2828	2833	rBV5	193259	412076	7.05%	0.811%
83	19.780	2836	2838	2844	rVB3	186853	298244	5.11%	0.587%
84	20.139	2897	2899	2902	rBV4	160969	168976	2.89%	0.333%
85	20.198	2905	2909	2912	rVV	270076	488646	8.36%	0.962%
86	20.227	2912	2914	2918	rVB2	268519	269515	4.61%	0.531%
87	20.333	2930	2932	2935	rBV	215281	227982	3.90%	0.449%
88	20.727	2994	2999	3003	rBV3	195166	394737	6.76%	0.777%
89	21.033	3046	3051	3060	rBV	2445969	3702252	63.37%	7.287%
90	21.216	3077	3082	3088	rBV	894112	1542015	26.40%	3.035%
91	21.392	3107	3112	3119	rVB	2966997	4862866	83.24%	9.572%
92	21.610	3145	3149	3153	rBV	416243	540896	9.26%	1.065%
93	21.669	3154	3159	3166	rVB3	976390	1799822	30.81%	3.543%
94	21.951	3205	3207	3213	rVB4	281561	386729	6.62%	0.761%
95	22.174	3242	3245	3249	rBV2	245437	368440	6.31%	0.725%
96	22.545	3302	3308	3314	rVB	878905	1620989	27.75%	3.191%
97	23.174	3409	3415	3423	rVB3	496471	1154587	19.76%	2.273%
98	23.992	3549	3554	3569	rVB2	633669	2094935	35.86%	4.124%
99	25.074	3734	3738	3744	rVB	491025	1066834	18.26%	2.100%
100	27.827	4203	4206	4213	rVB	185816	366221	6.27%	0.721%

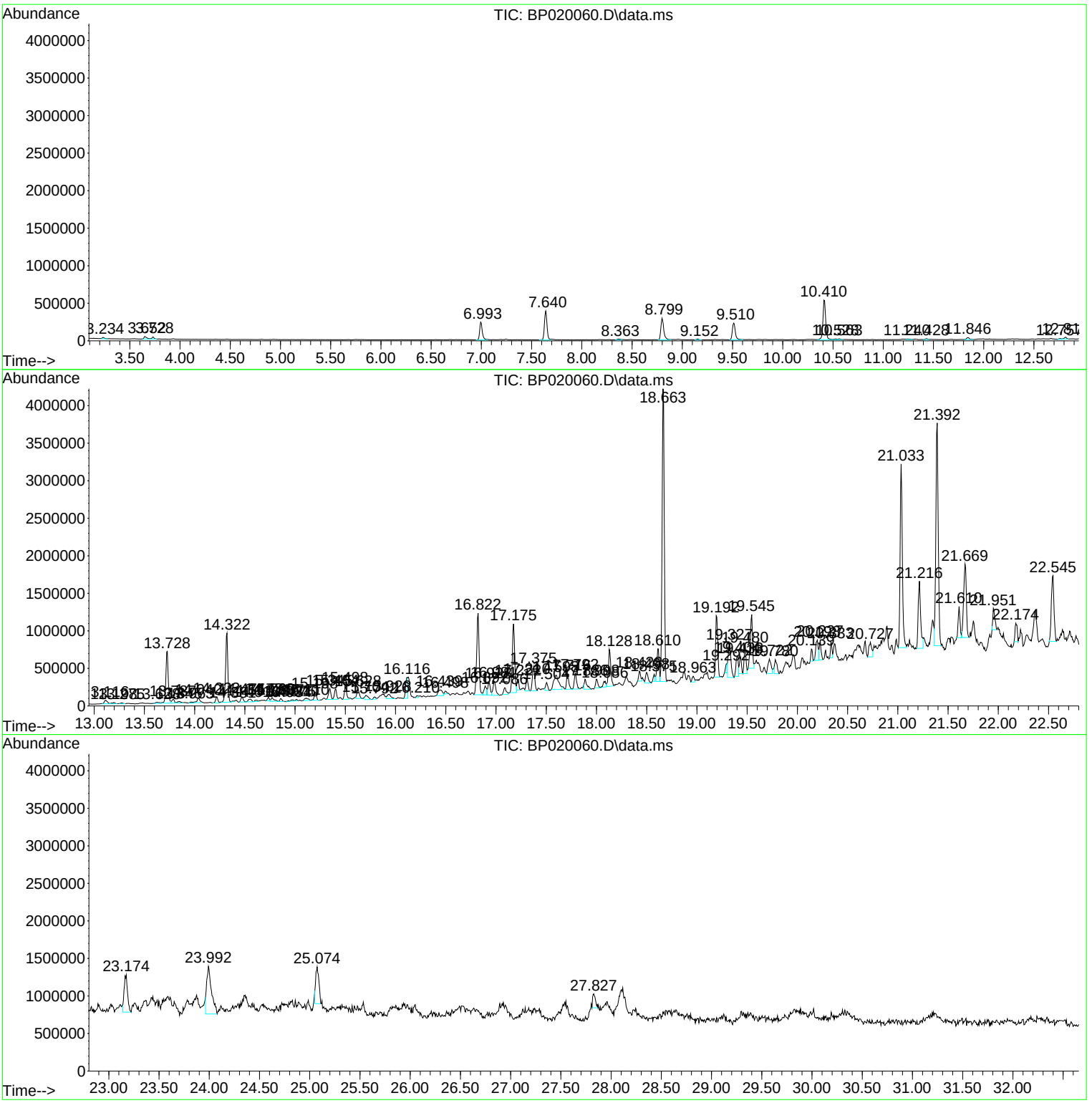
Sum of corrected areas: 50803339

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

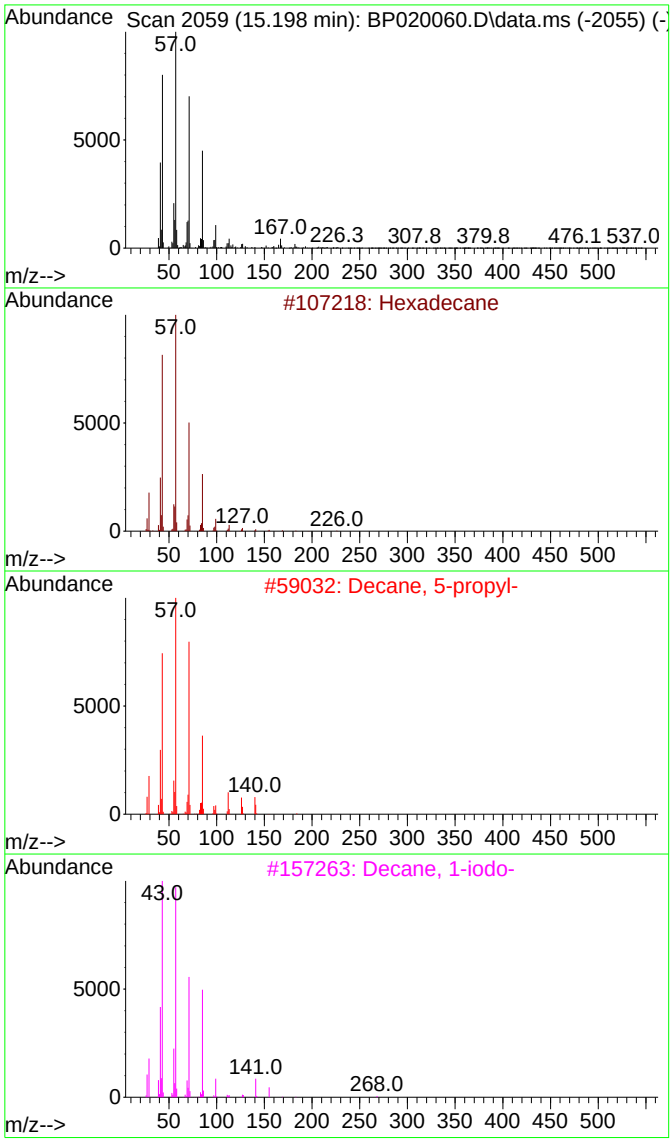
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

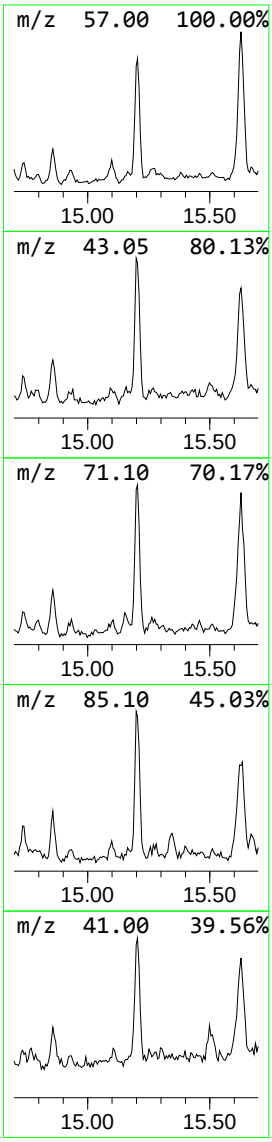
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	2.31 ng/ul	162144	Acenaphthene-d10	14.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	74
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Heptadecane	240	C17H36	000629-78-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

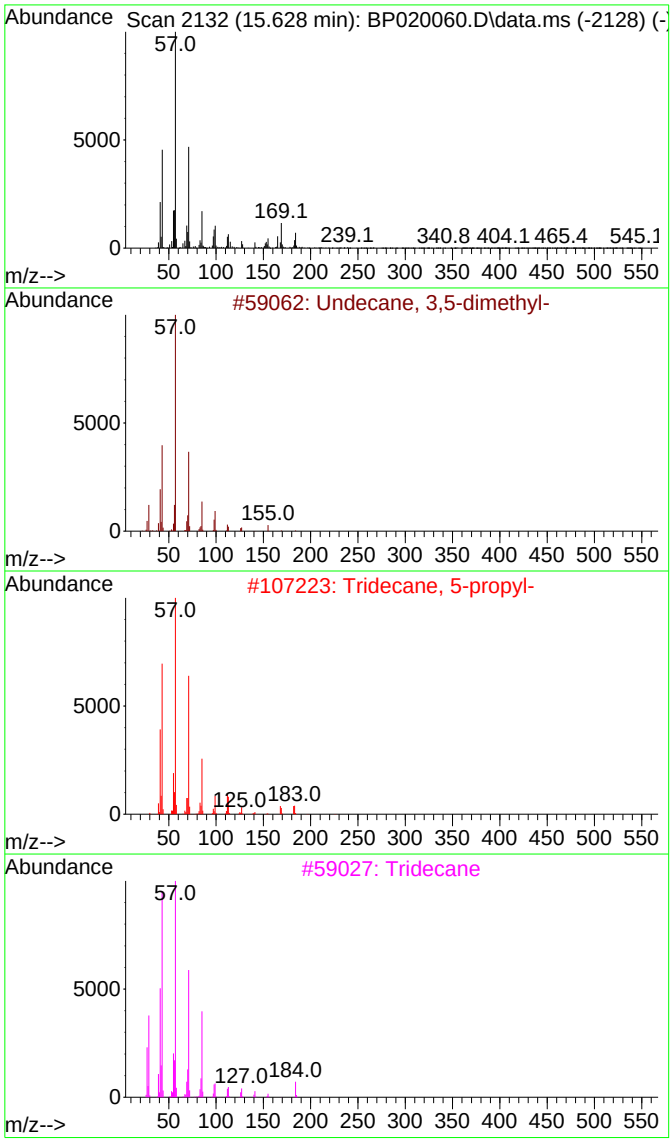
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

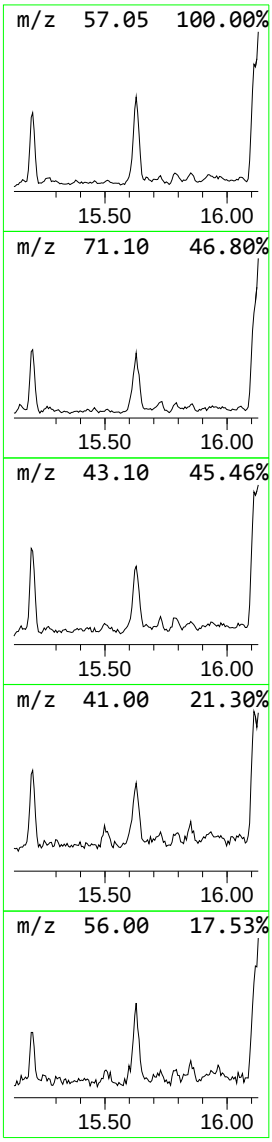
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.628	2.82 ng/ul	197870	Acenaphthene-d10	14.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Tridecane	184	C13H28	000629-50-5	52
5	Tridecane	184	C13H28	000629-50-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

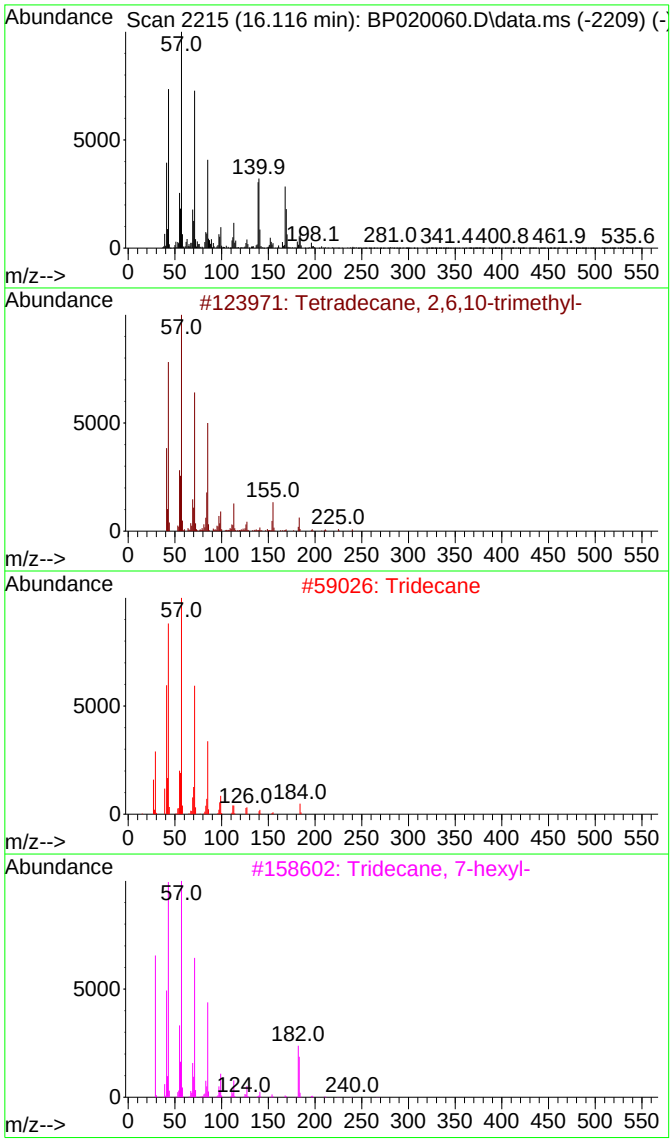
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

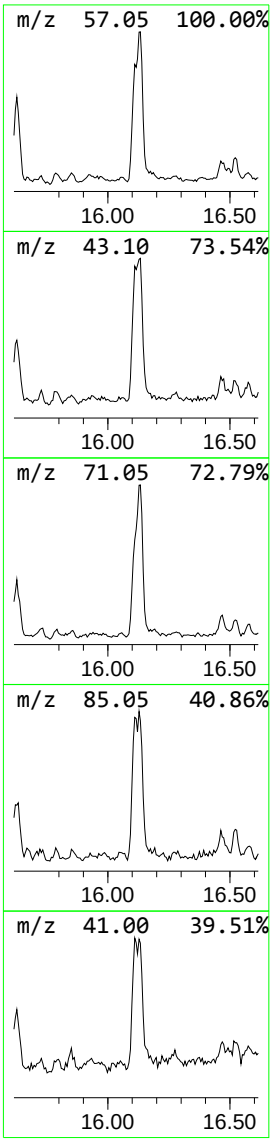
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	5.82 ng/ul	432503	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
2	Tridecane	184	C13H28	000629-50-5	70
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	70
4	Dodecane	170	C12H26	000112-40-3	55
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

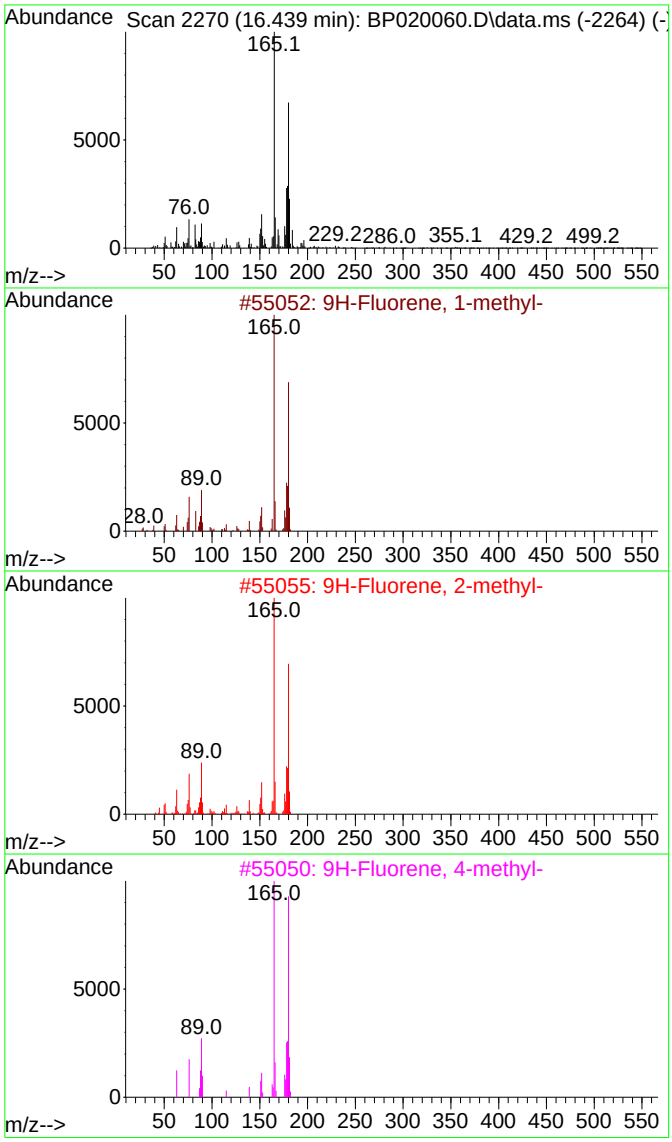
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

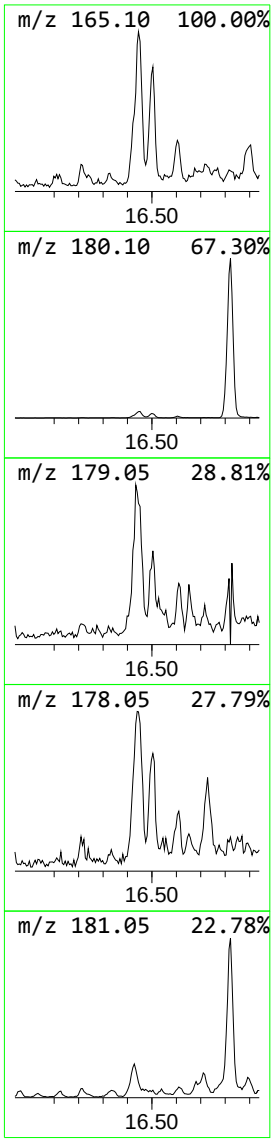
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	3.16 ng/ul	235138	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

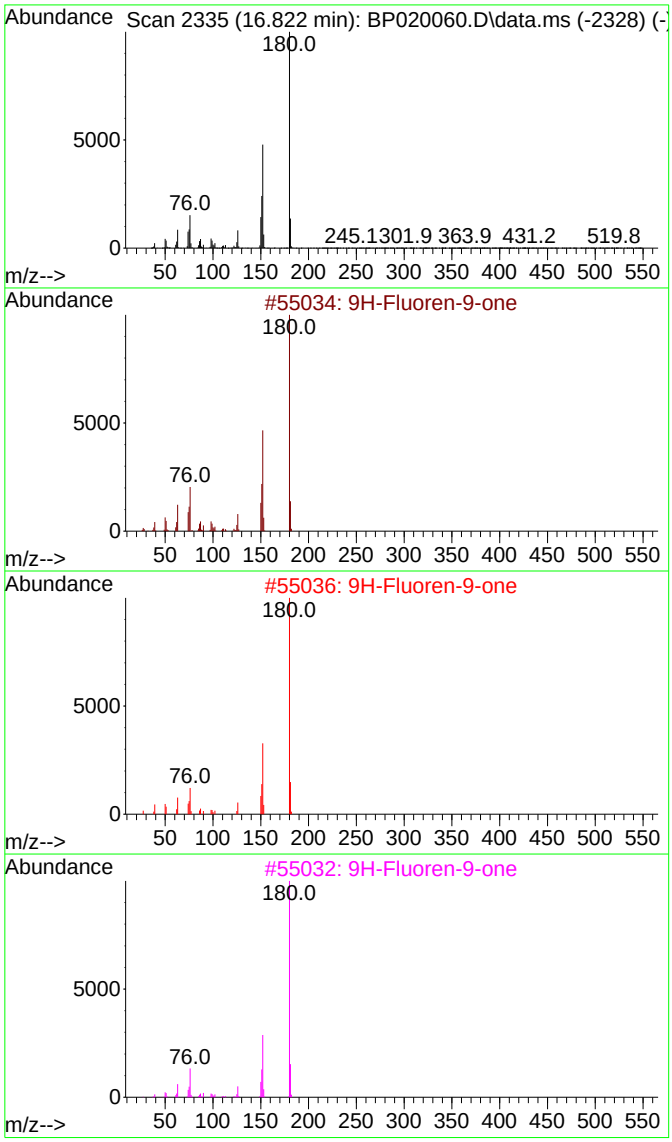
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

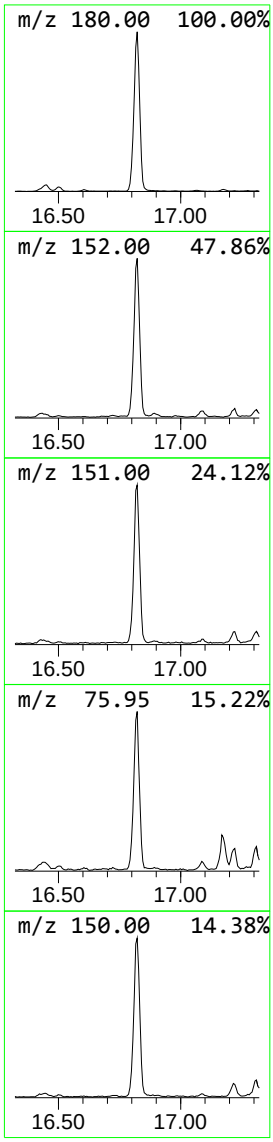
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.822	24.36 ng/ul	1809930	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

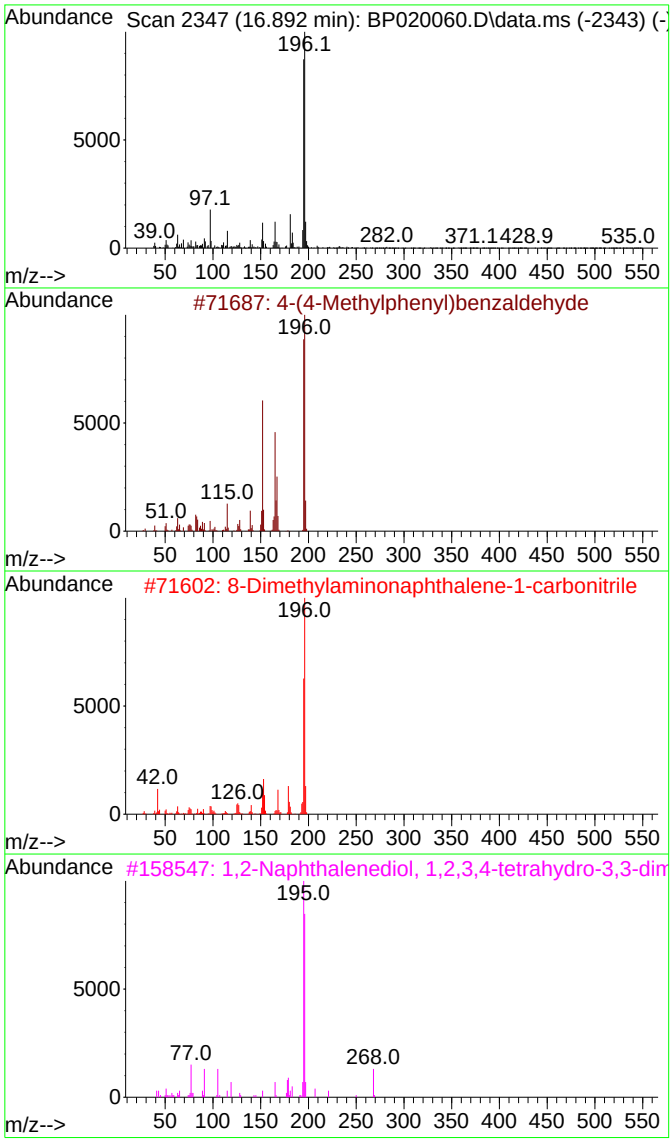
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

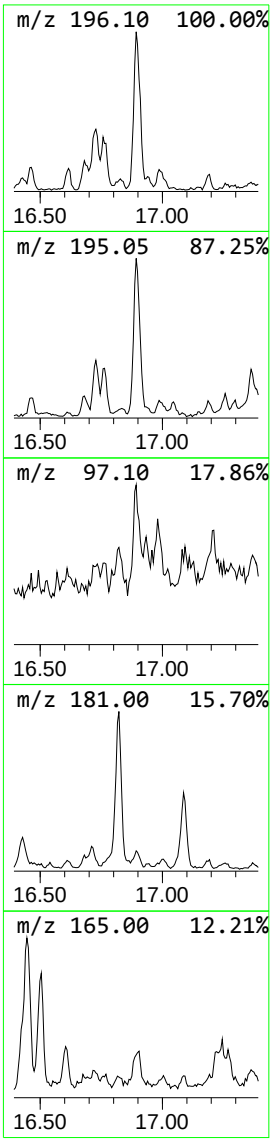
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-(4-Methylphenyl)benzaldehyde Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	2.82 ng/ul	209611	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
3	1,2-Naphthalenediol, 1,2,3,4-tet...	268	C18H20O2	056588-42-2	72
4	4-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	1000443-78-9	64
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

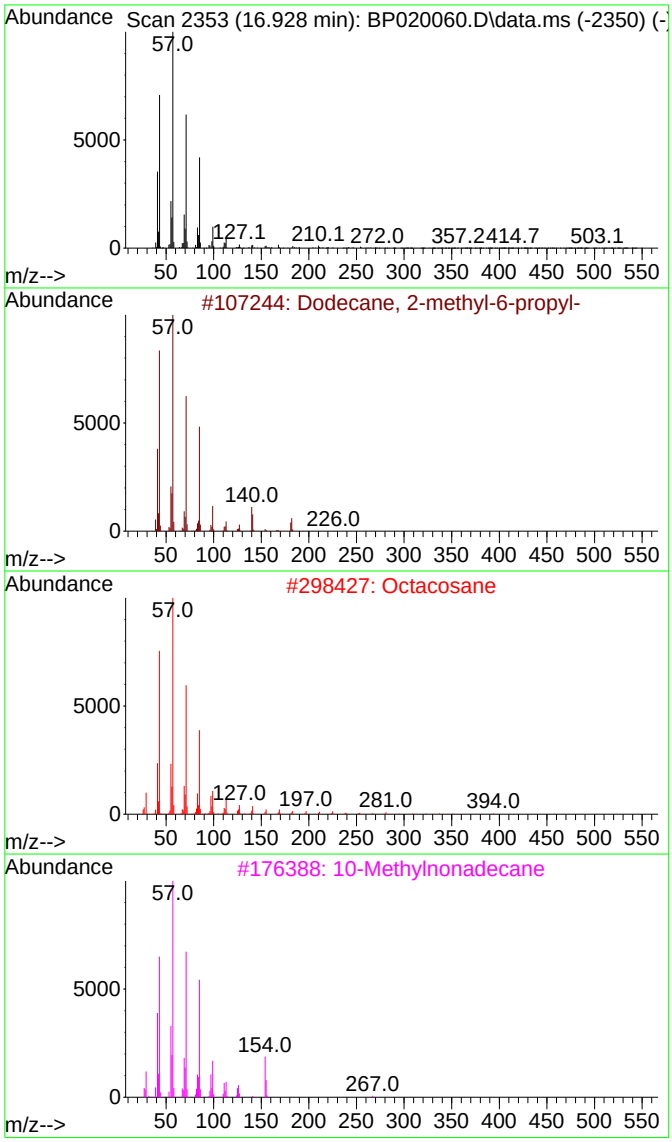
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

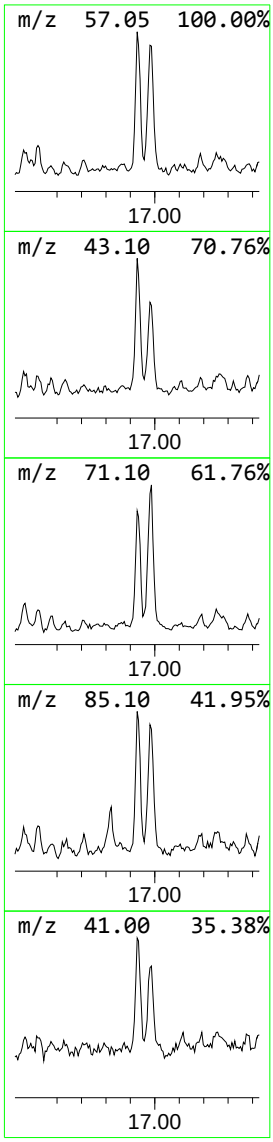
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.928	3.83 ng/ul	284303	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Octacosane	394	C28H58	000630-02-4	90
3	10-Methylnonadecane	282	C20H42	056862-62-5	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Pentadecane	212	C15H32	000629-62-9	80





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

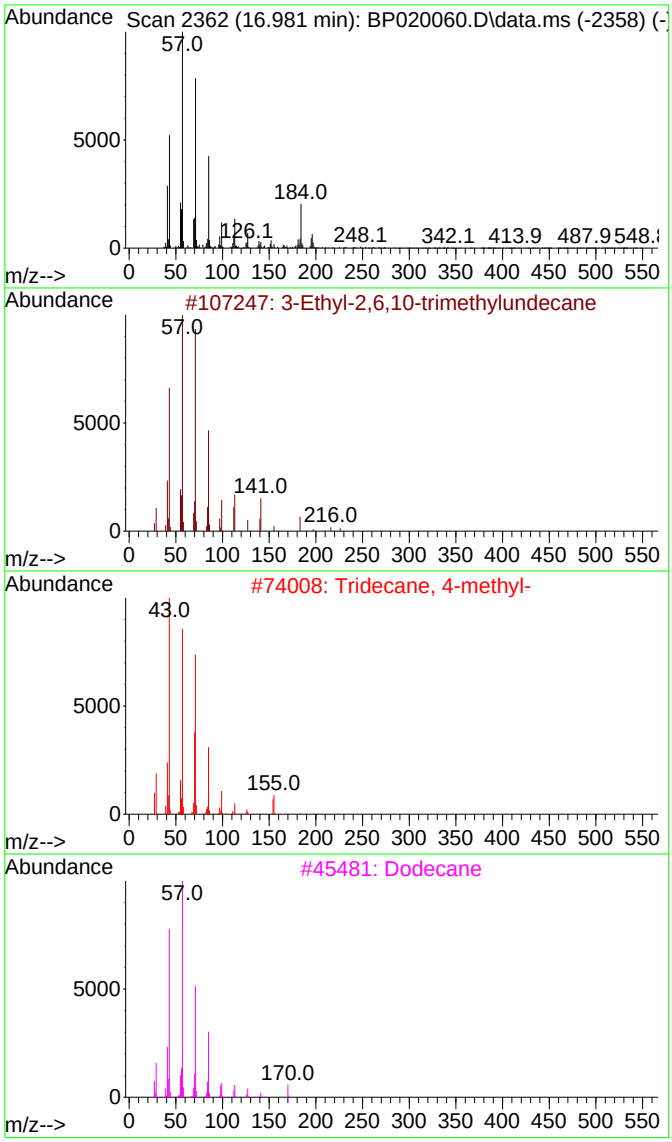
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

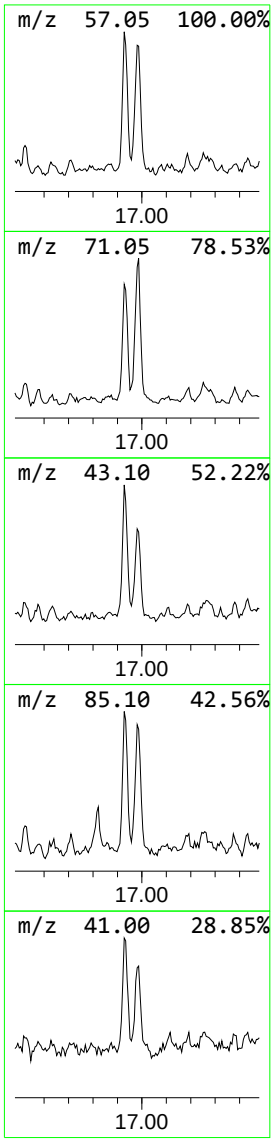
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.981	4.66 ng/ul	346597	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	68
3	Dodecane	170	C12H26	000112-40-3	64
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

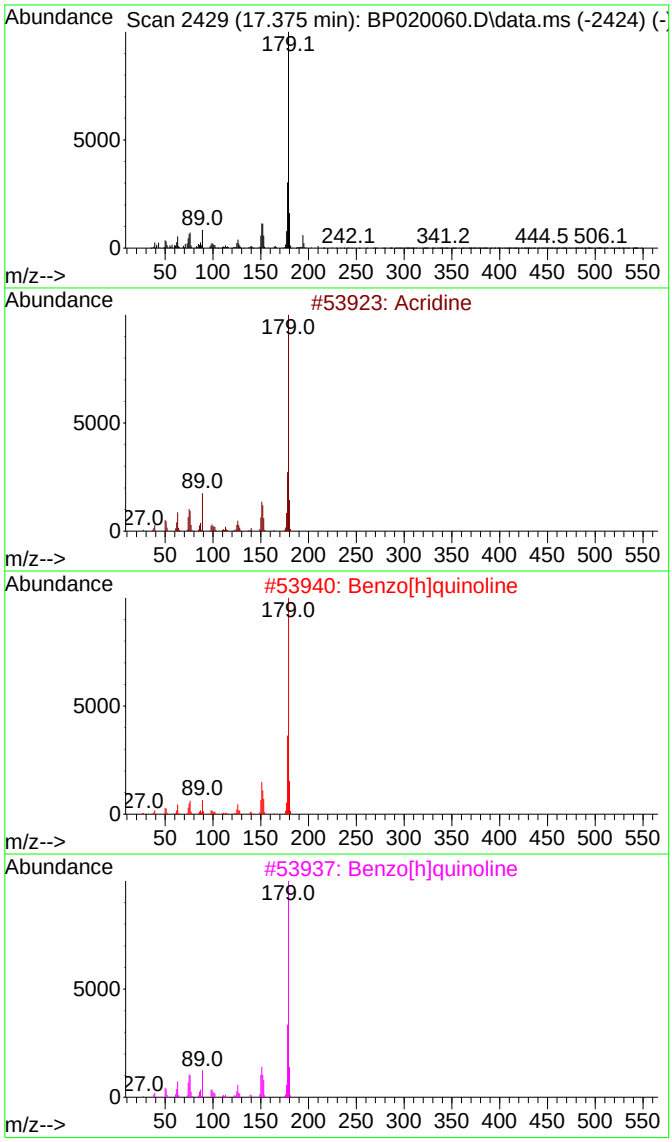
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

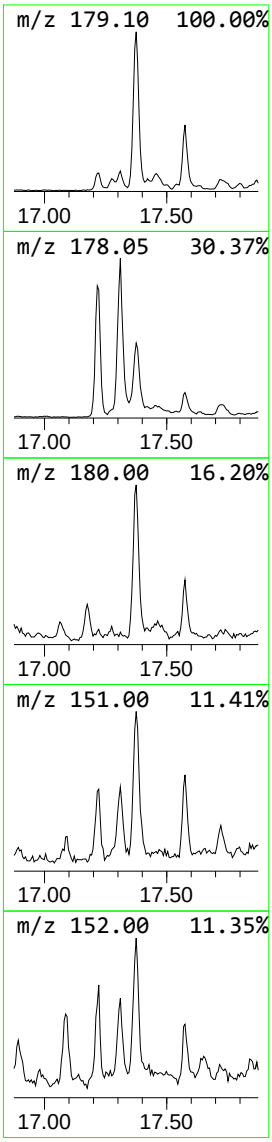
****

Peak Number 10 Acridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.375	7.01 ng/ul	520871	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
4	Acridine	179	C13H9N	000260-94-6	94
5	Phenanthridine	179	C13H9N	000229-87-8	93





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Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

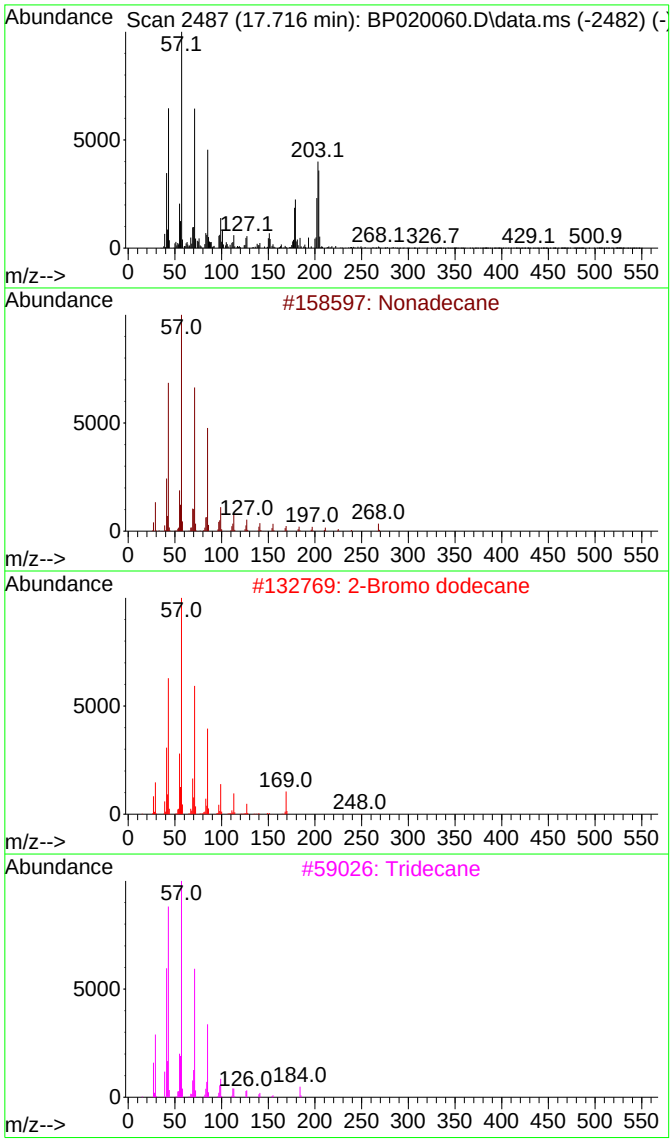
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

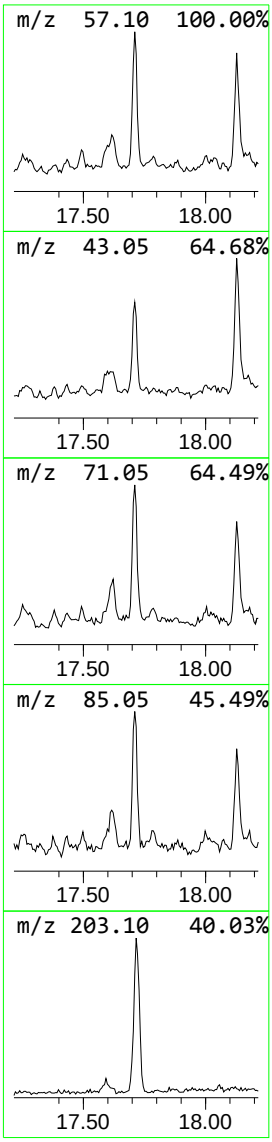
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	4.37 ng/ul	324933	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
3	Tridecane	184	C13H28	000629-50-5	45
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

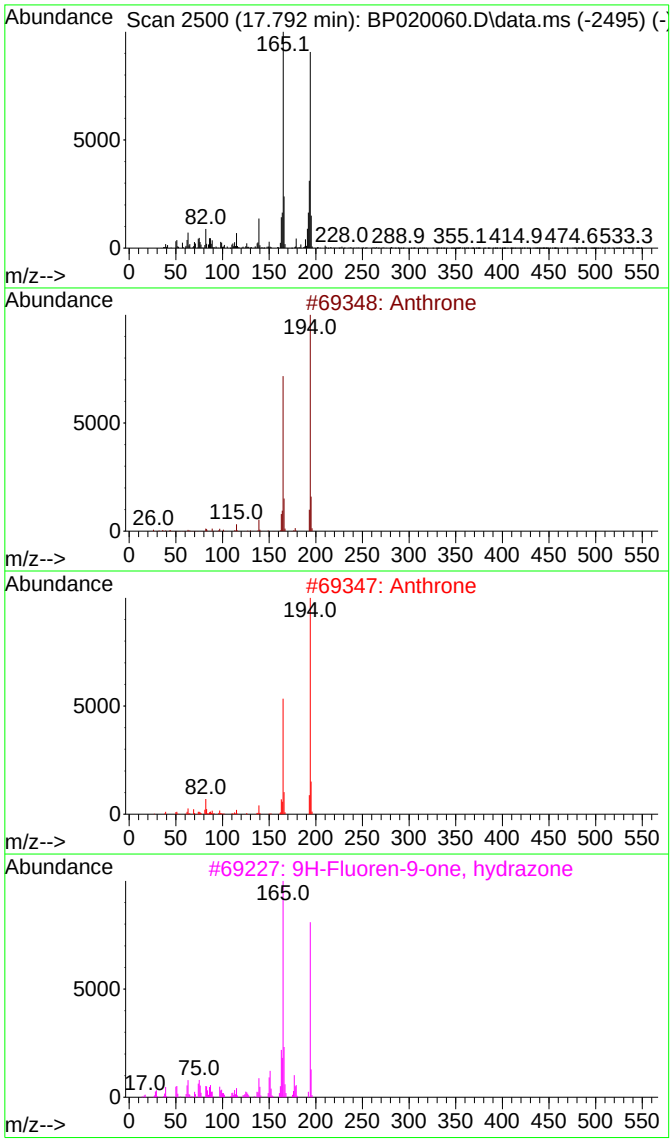
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

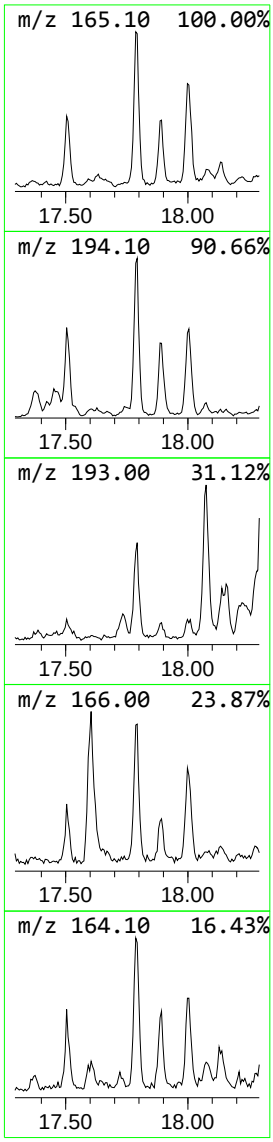
****

Peak Number 12 Anthrone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	4.58 ng/ul	340296	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	90
2	Anthrone	194	C14H10O	000090-44-8	87
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	80
4	Anthrone	194	C14H10O	000090-44-8	80
5	3-Phenanthrol	194	C14H10O	000605-87-8	80





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

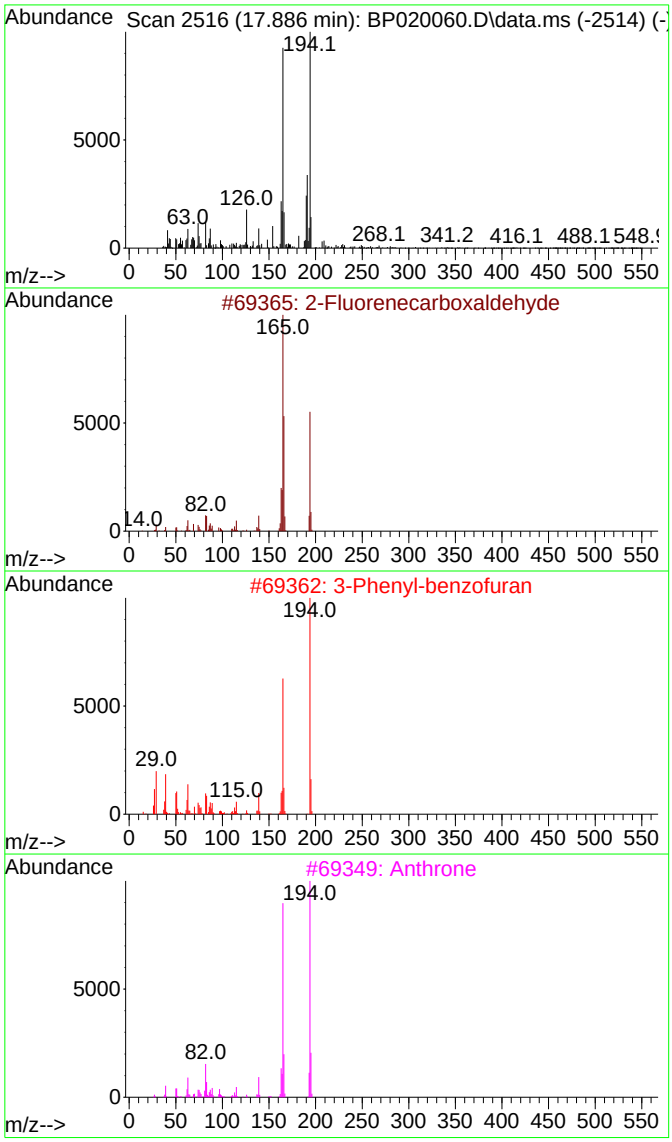
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

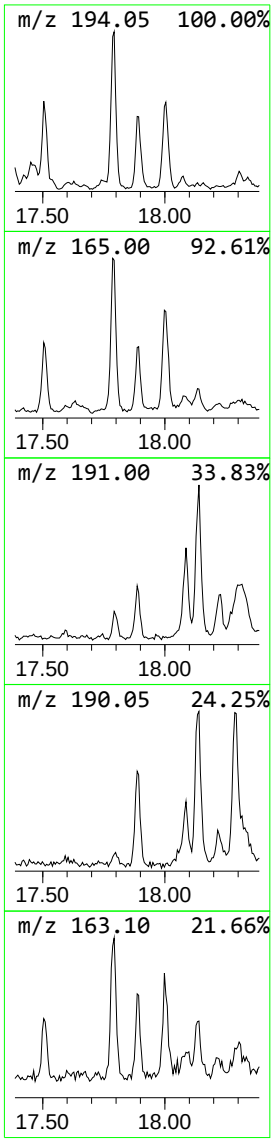
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Fluorenecarboxaldehyde Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	3.04 ng/ul	225666	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	76
2	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	76
3	Anthrone	194	C14H10O	000090-44-8	76
4	Anthrone	194	C14H10O	000090-44-8	68
5	3-Phenanthrol	194	C14H10O	000605-87-8	64





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Sample : P2104-03
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

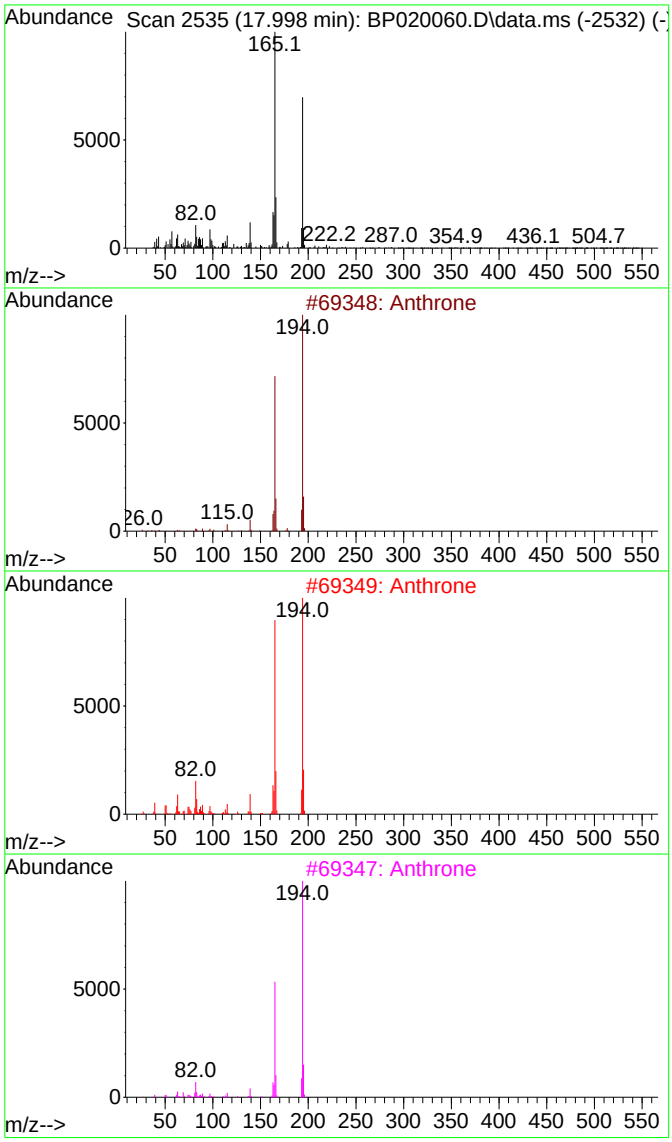
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

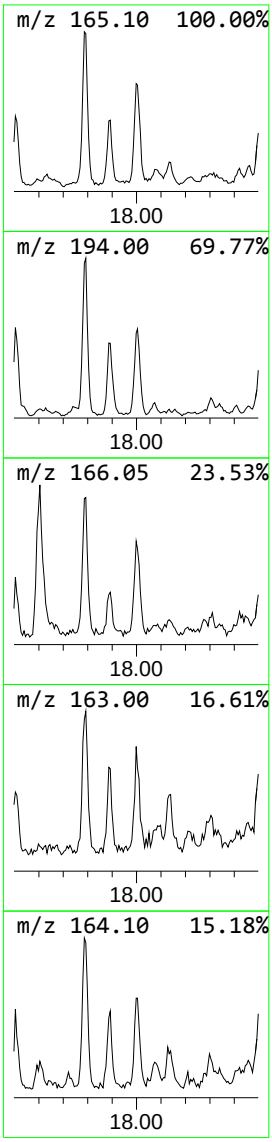
****

Peak Number 14 9-anthracenol Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	2.44 ng/ul	181581	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	94
2	Anthrone	194	C14H10O	000090-44-8	93
3	Anthrone	194	C14H10O	000090-44-8	91
4	9-anthracenol	194	C14H10O	1000400-30-3	87
5	2-Phenanthrenol	194	C14H10O	000605-55-0	87





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Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AA5

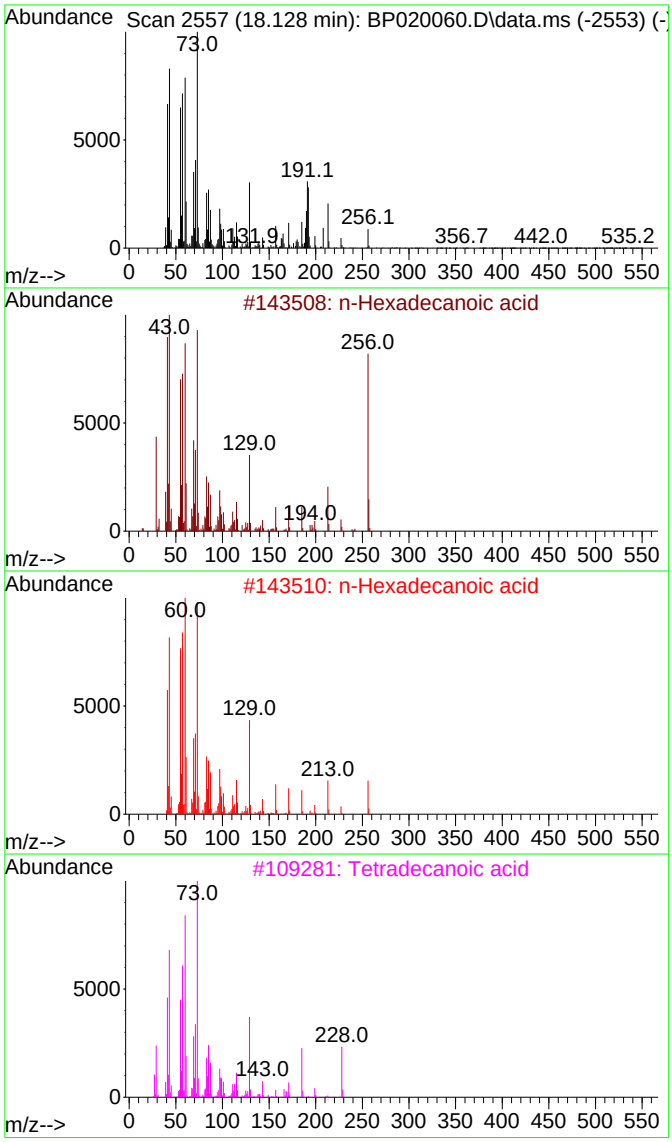
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

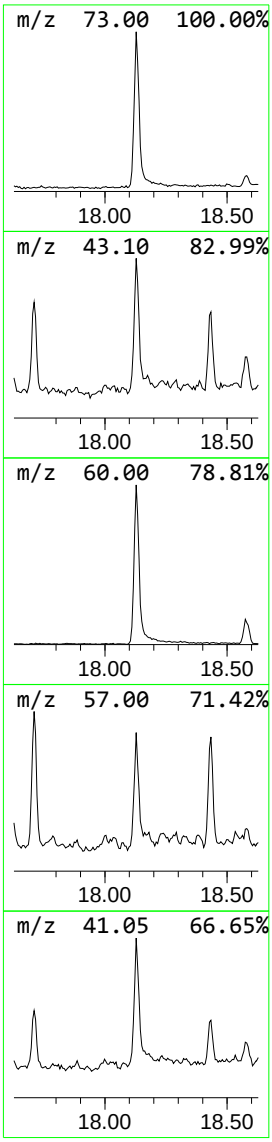
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	10.69 ng/ul	794138	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

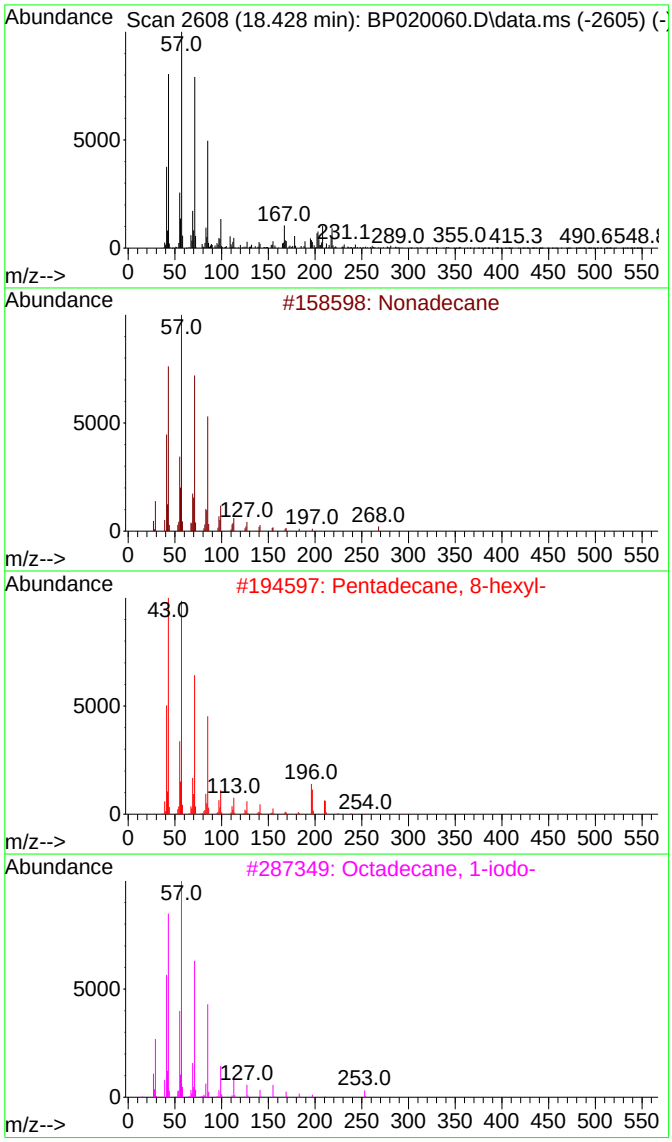
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

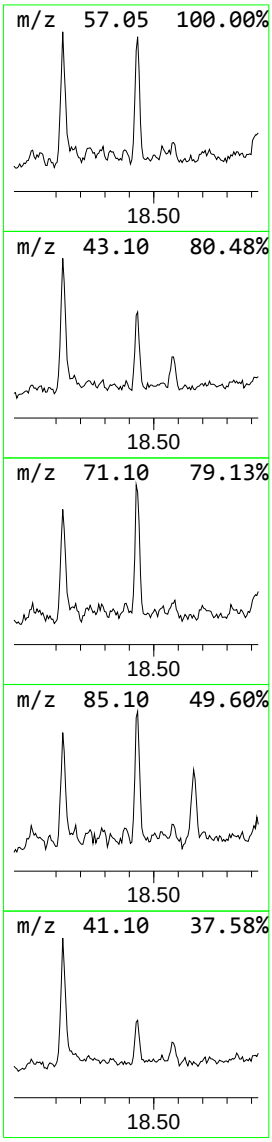
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	2.47 ng/ul	183251	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	68
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	68
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Octadecane, 4-methyl-	268	C19H40	010544-95-3	52





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Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Phenyl-benzofuran Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	3.33 ng/ul	247696	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	84
2	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	55
3	10-Methyl-9(10H)-anthracenone	208	C15H12O	073653-01-7	55
4	2-Acetylfluorene	208	C15H12O	000781-73-7	50
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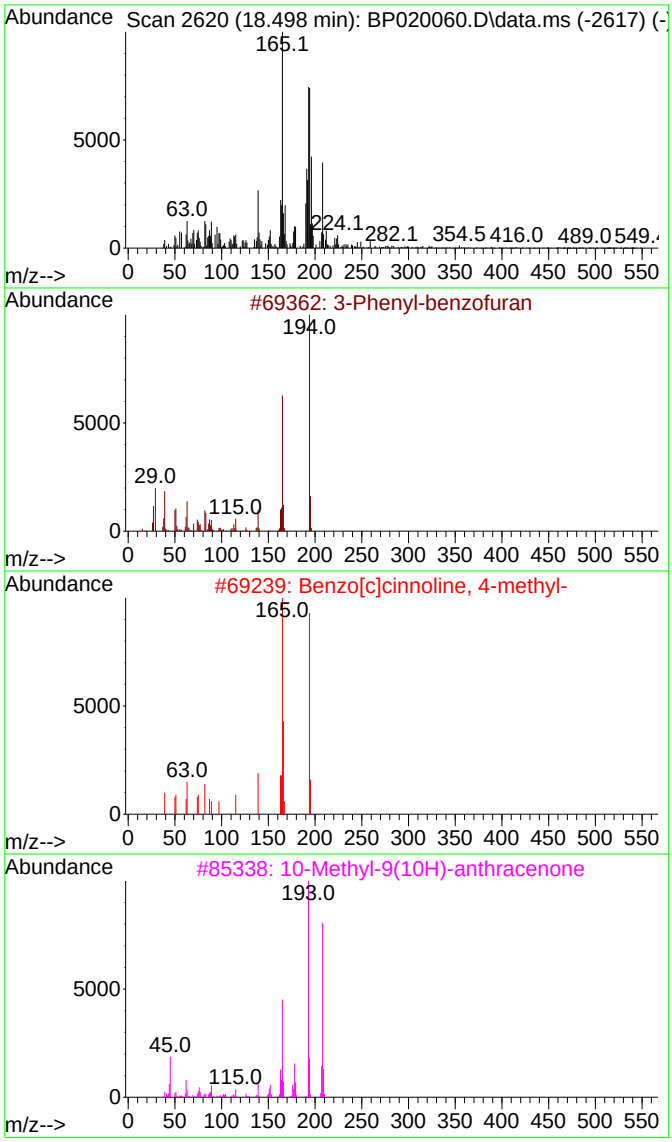

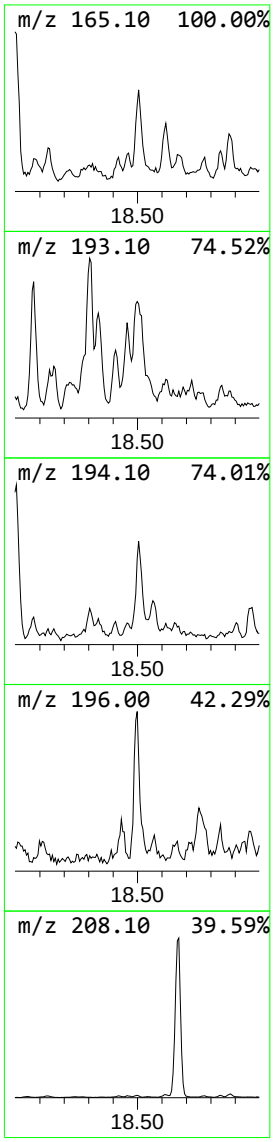

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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

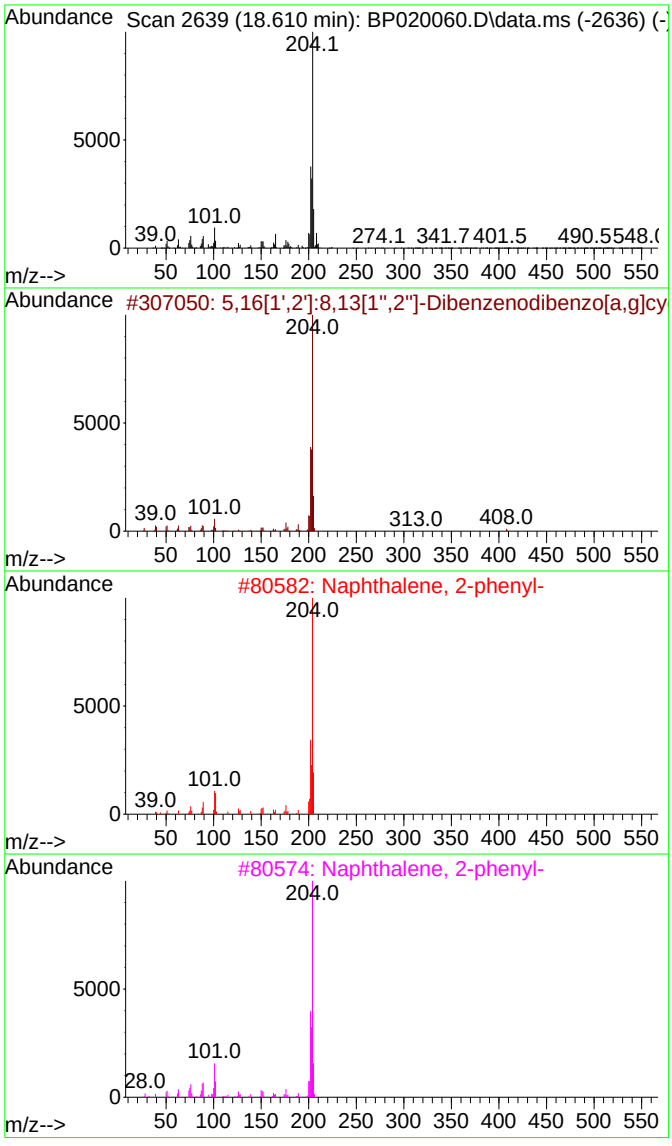
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

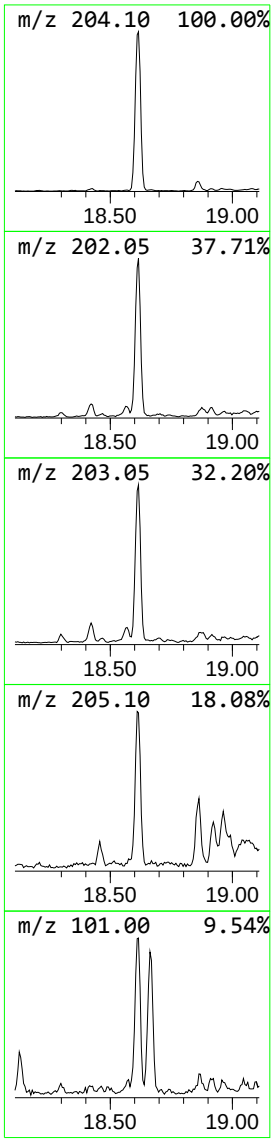
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	8.72 ng/ul	648013	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

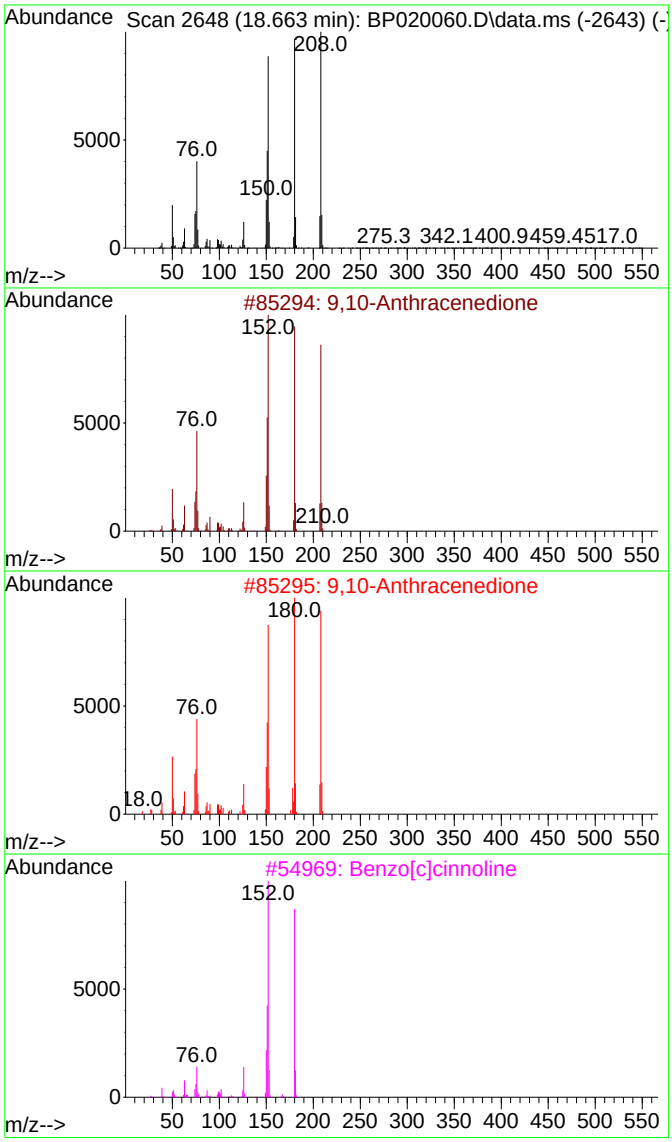
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

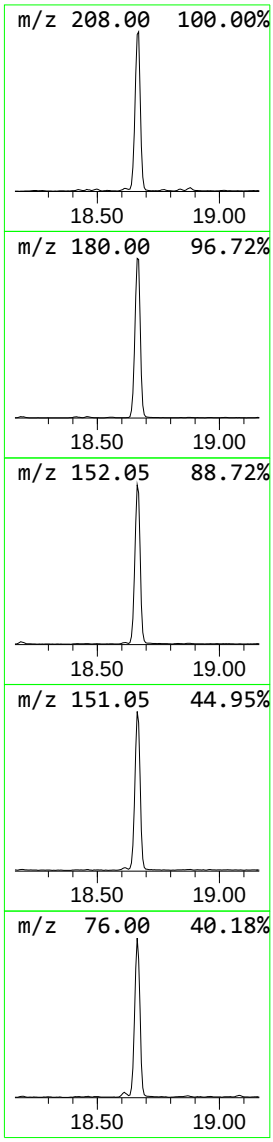
****

Peak Number 19 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	78.62 ng/ul	5841920	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

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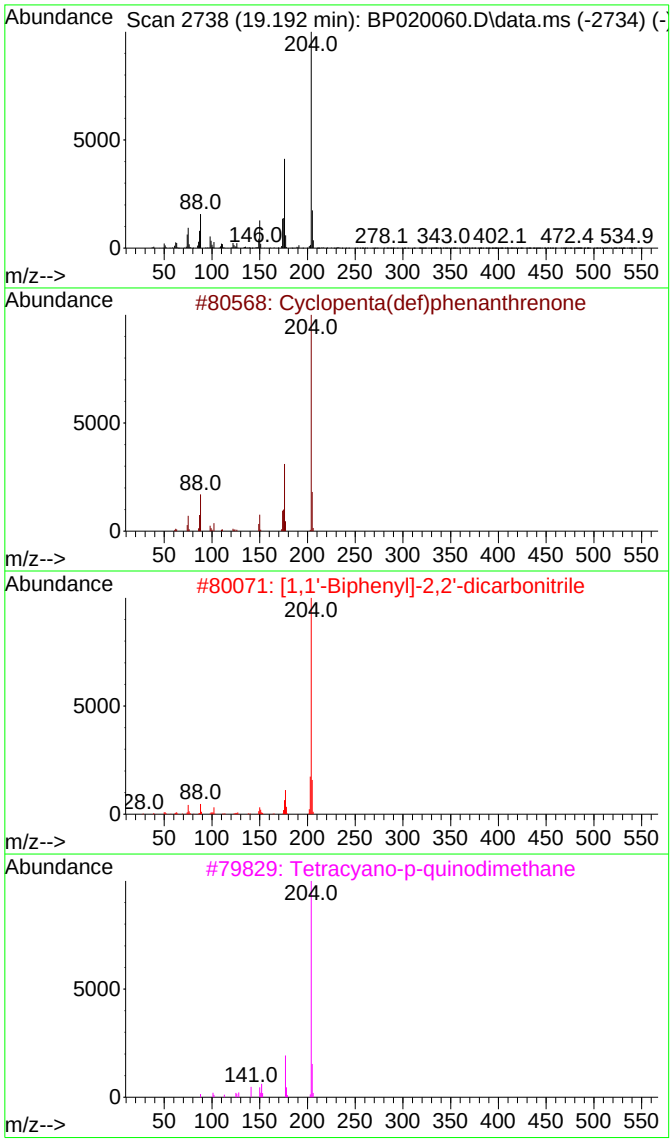
Quant Title : SVOA CALIBRATION

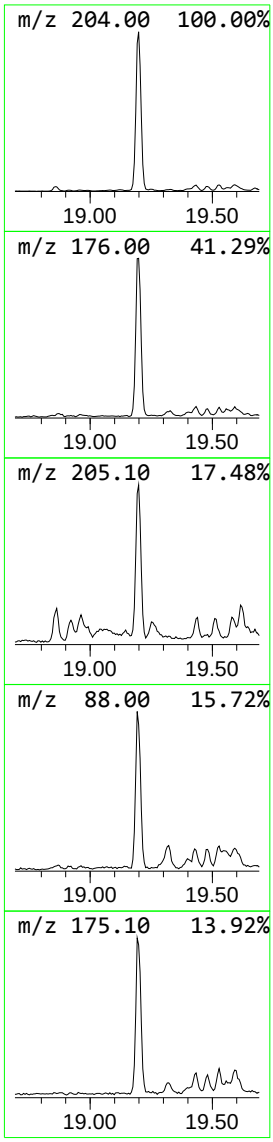
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	16.05 ng/ul	1192300	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	46
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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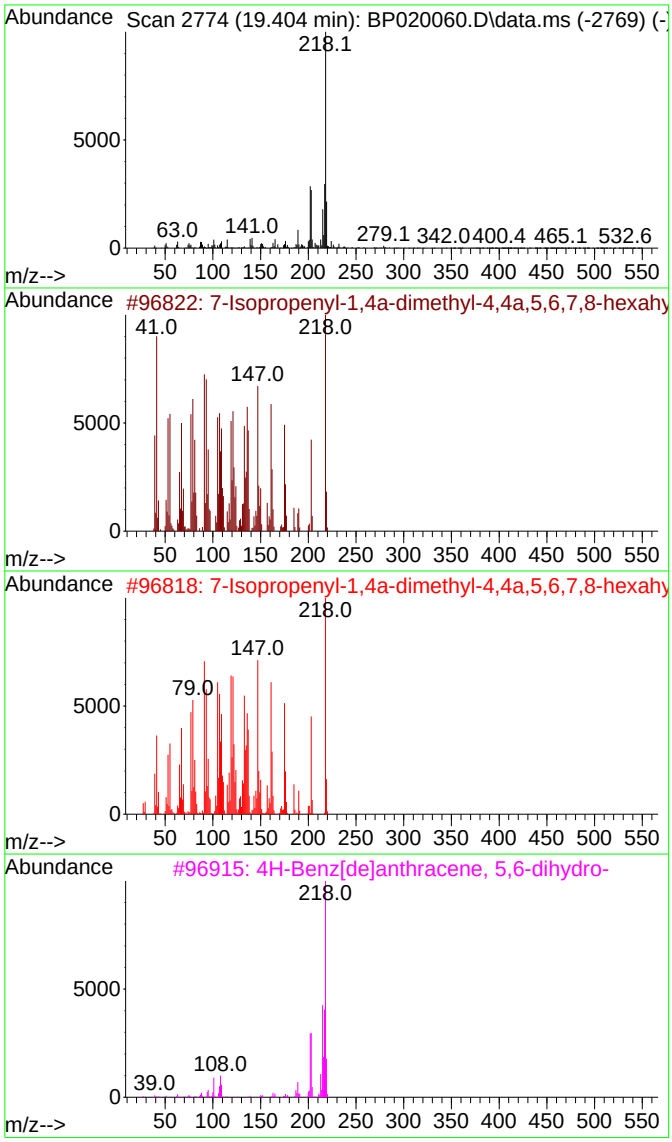
Quant Title : SVOA CALIBRATION

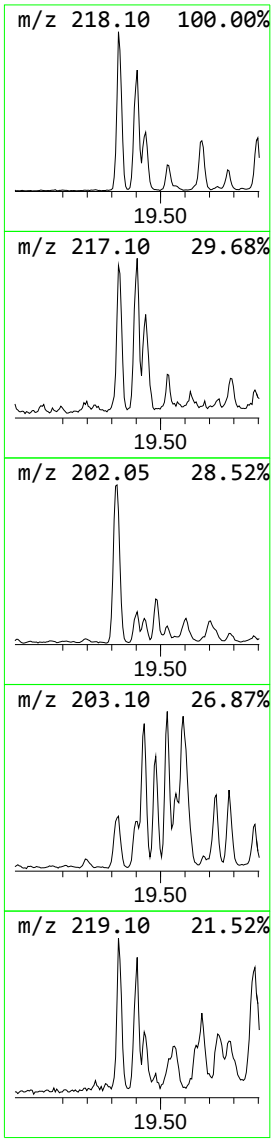
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	5.86 ng/ul	435471	Phenanthrene-d10	17.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	93
2	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	90
3	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	81
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	76
5	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	59





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
C0AA5

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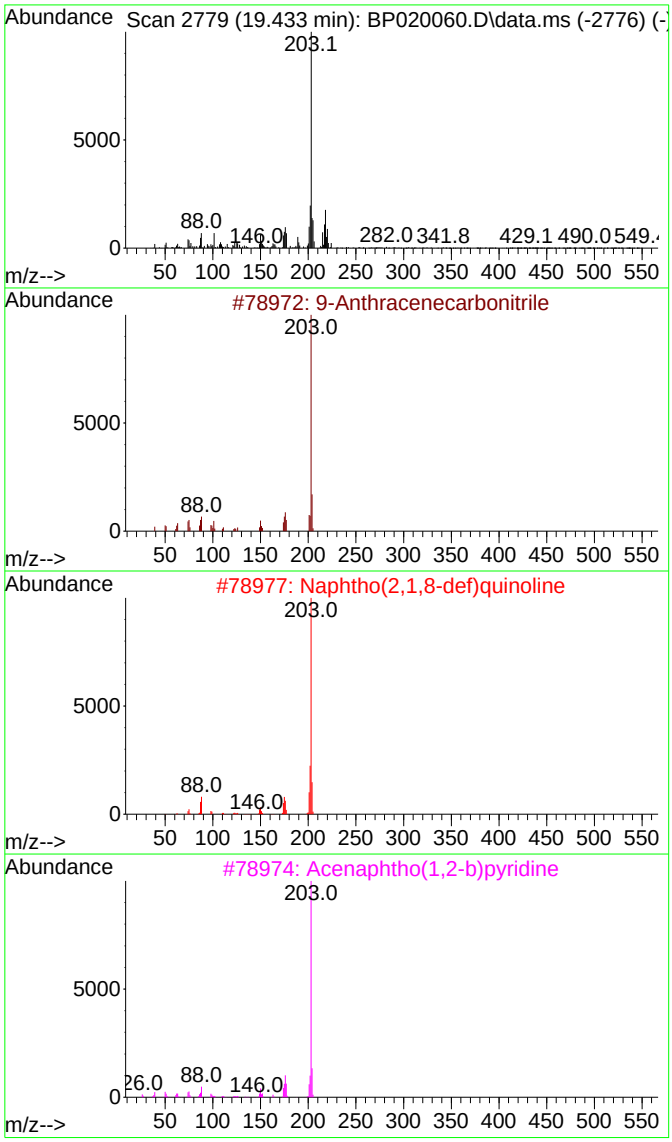
Quant Title : SVOA CALIBRATION

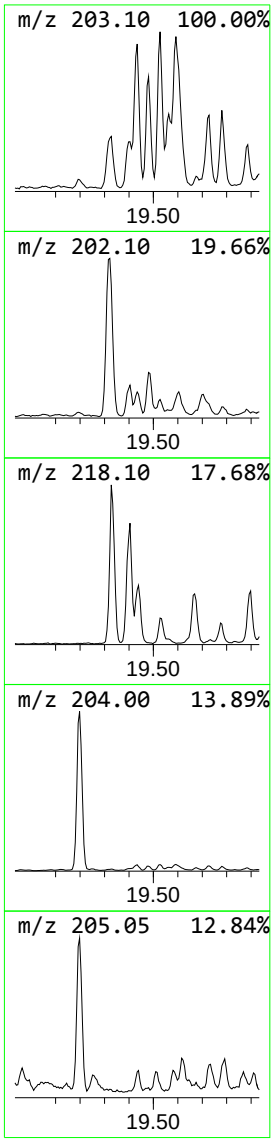
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9-Anthracenecarbonitrile Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.28 ng/ul	294797	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
2	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	93
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	92
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	86
5	4-Azapyrene	203	C15H9N	000194-03-6	76





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

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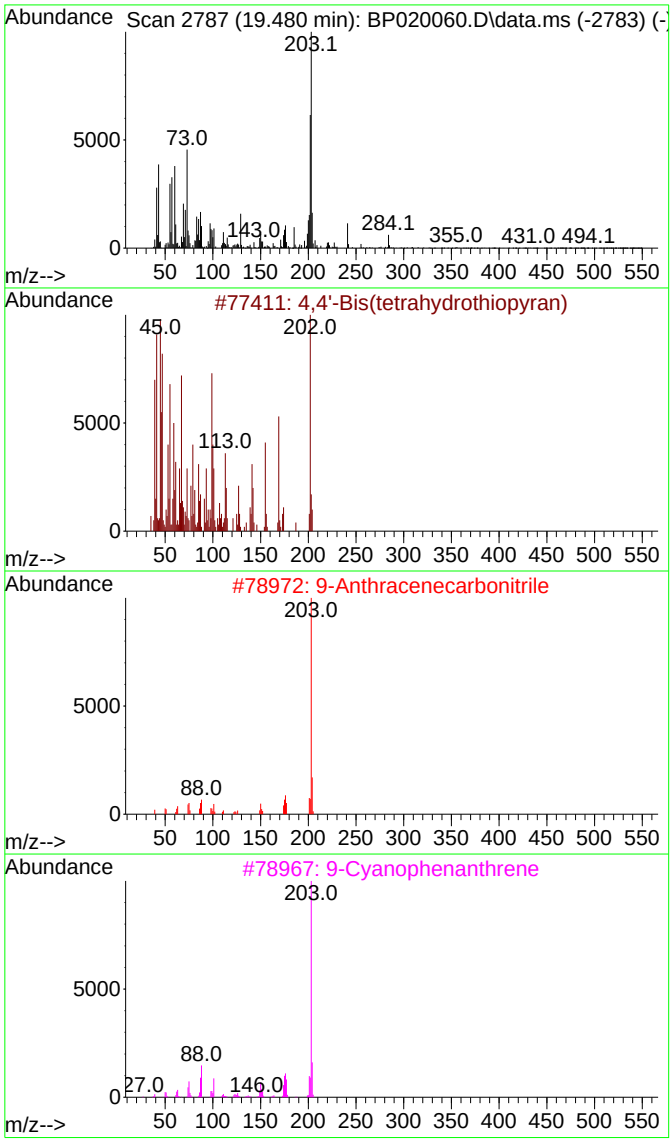
Quant Title : SVOA CALIBRATION

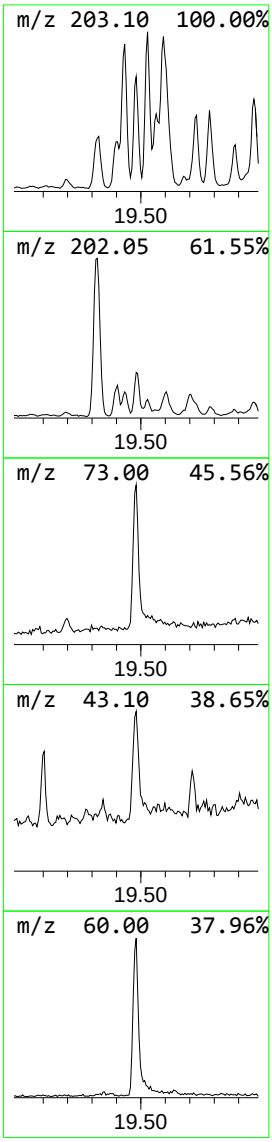
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	5.47 ng/ul	491956	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	64
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	64
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	58
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	55





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AA5

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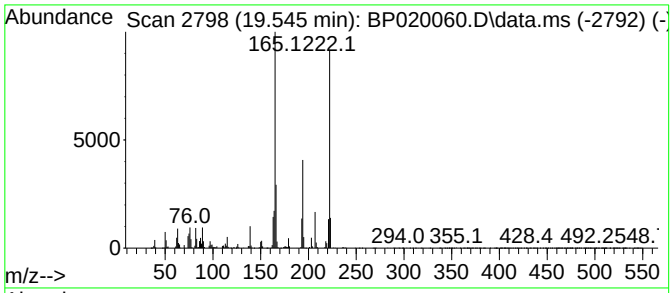
Quant Title : SVOA CALIBRATION

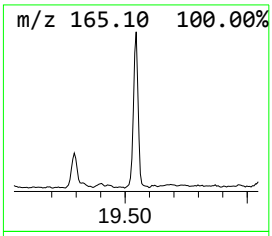
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

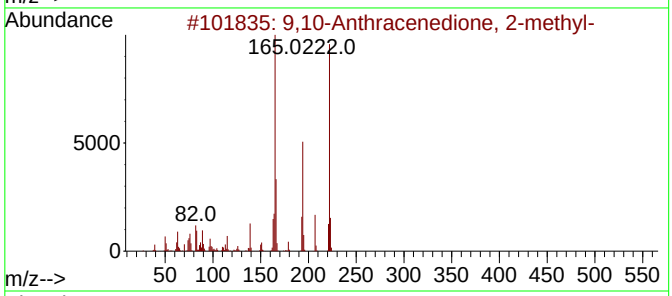
****
Peak Number 24 9,10-Anthracenedione, 2-met... Concentration Rank 9

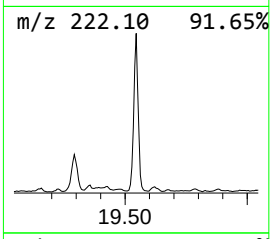
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	12.41 ng/ul	1117190	Chrysene-d12	21.669

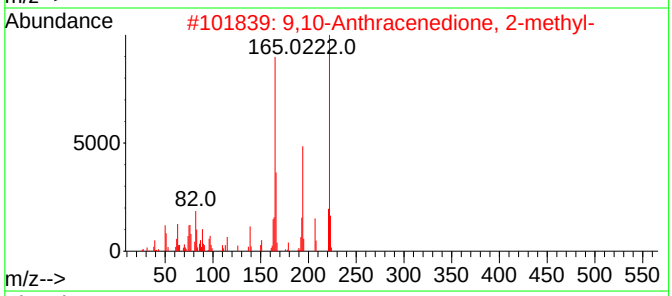
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	99
2	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	94
3	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	90
4	Phenindione	222	C15H10O2	000083-12-5	90
5	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	90

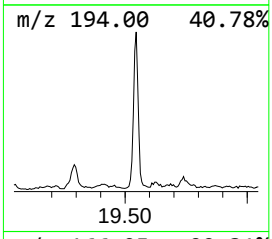


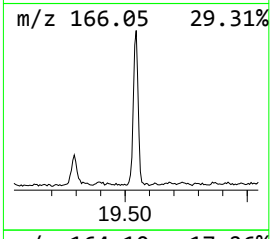


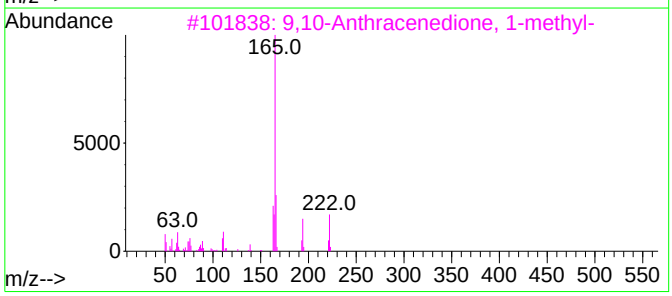


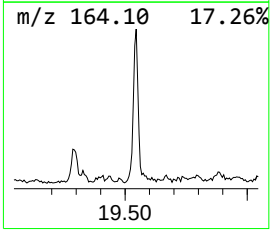












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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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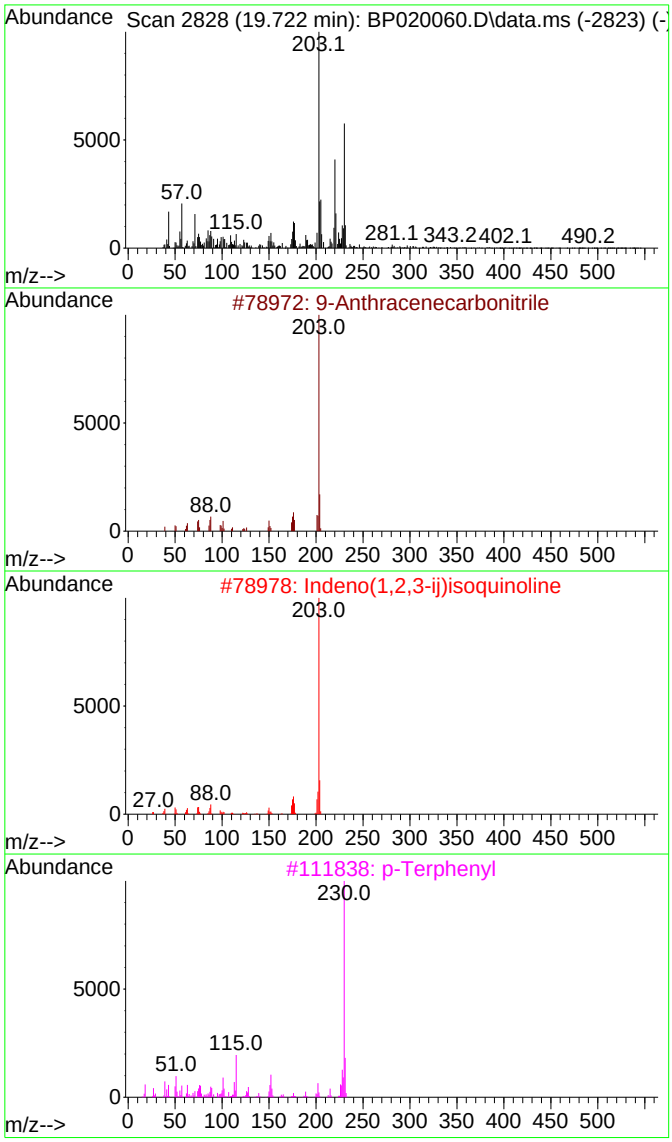
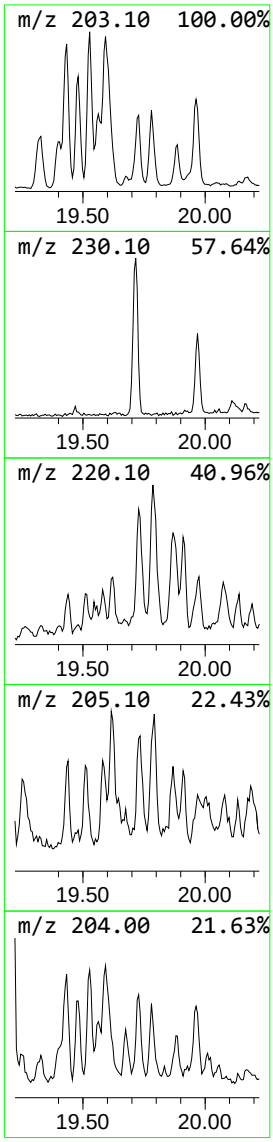
Peak Number 25 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.722	4.58 ng/ul	412076	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	80
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	42
3	p-Terphenyl	230	C18H14	000092-94-4	41
4	9-Cyanophenanthrene	203	C15H9N	002510-55-6	38
5	9-Cyanophenanthrene	203	C15H9N	002510-55-6	38





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Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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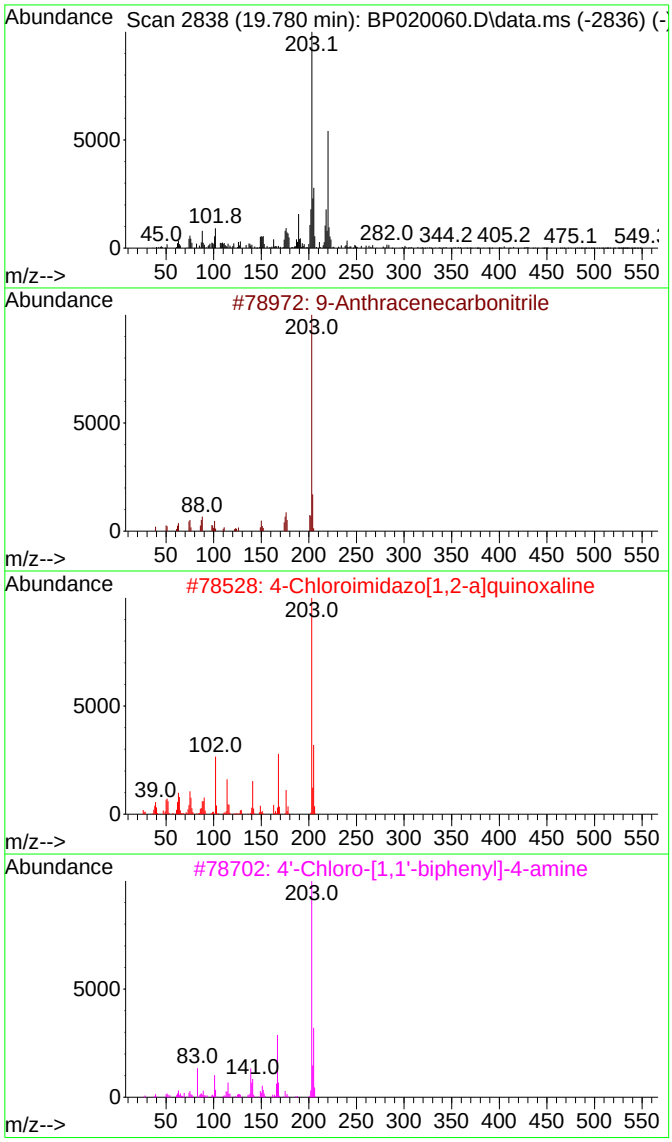
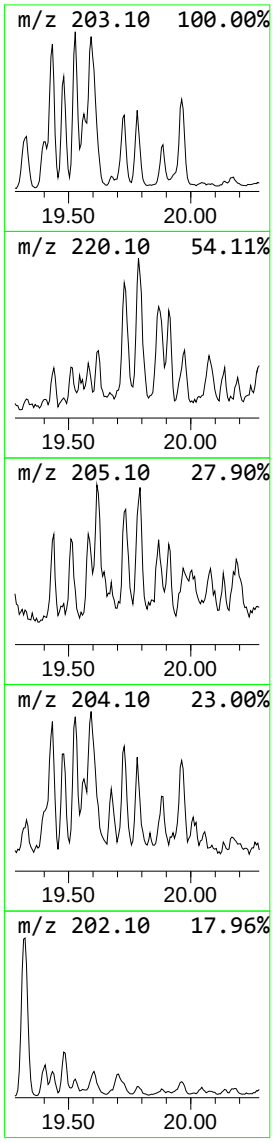
Peak Number 26 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.780	3.31 ng/ul	298244	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	50
2	4-Chloroimidazo[1,2-a]quinoxaline	203	C10H6ClN3	191349-69-6	46
3	4'-Chloro-[1,1'-biphenyl]-4-amine	203	C12H10ClN	000135-68-2	46
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	46
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	45





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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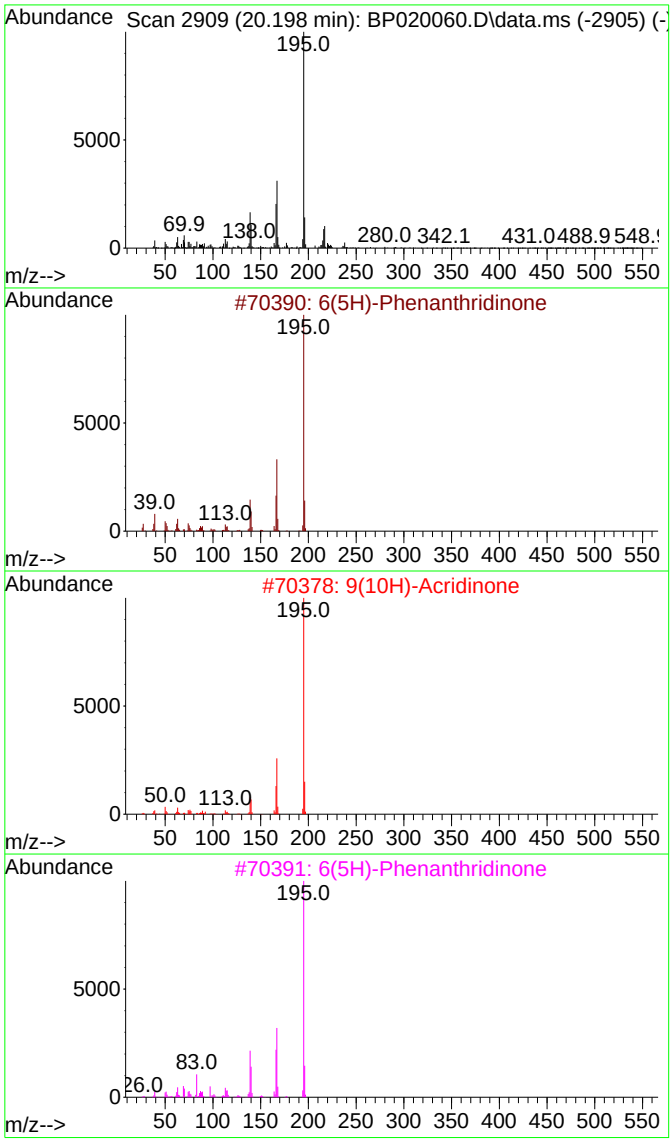
Quant Title : SVOA CALIBRATION

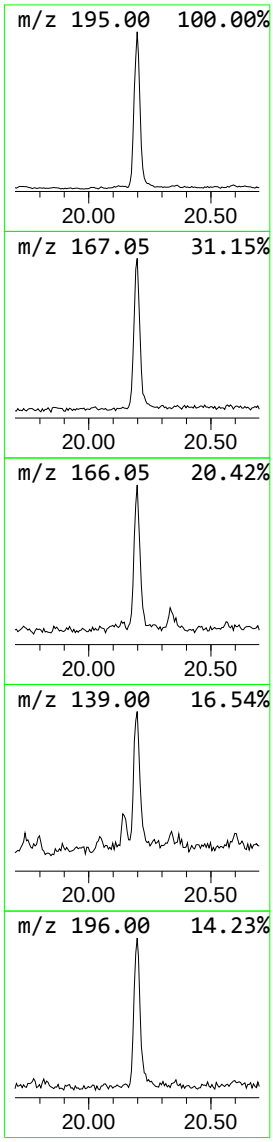
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 6(5H)-Phenanthridinone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	5.43 ng/ul	488646	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	93
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	93
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	93
5	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	93





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ALS Vial : 25 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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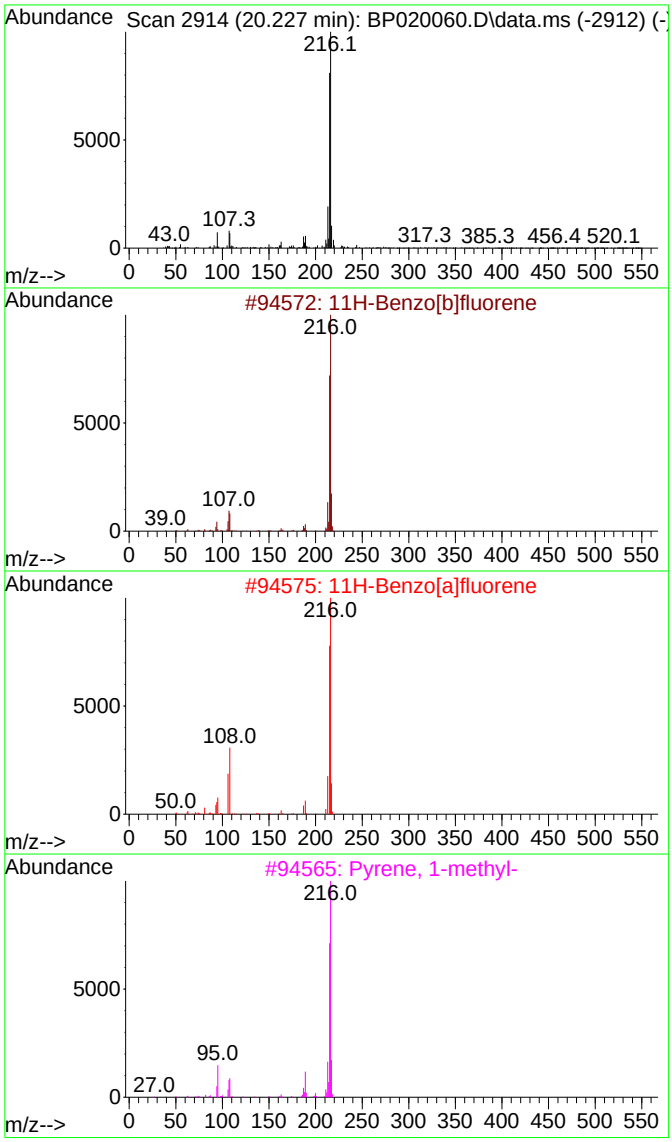
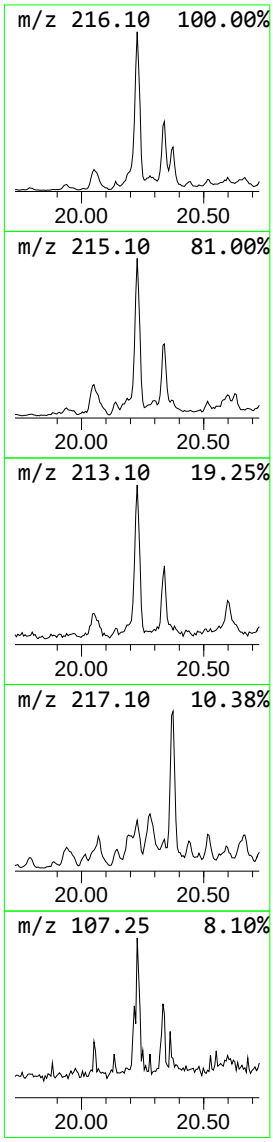
Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	2.99 ng/ul	269515	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

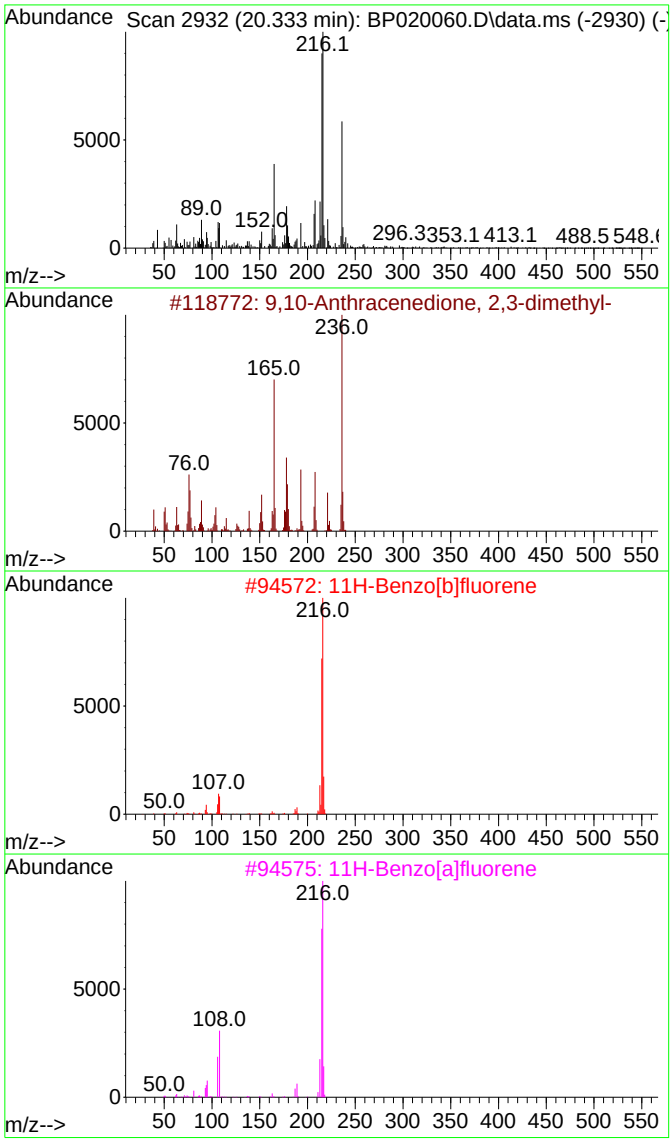
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

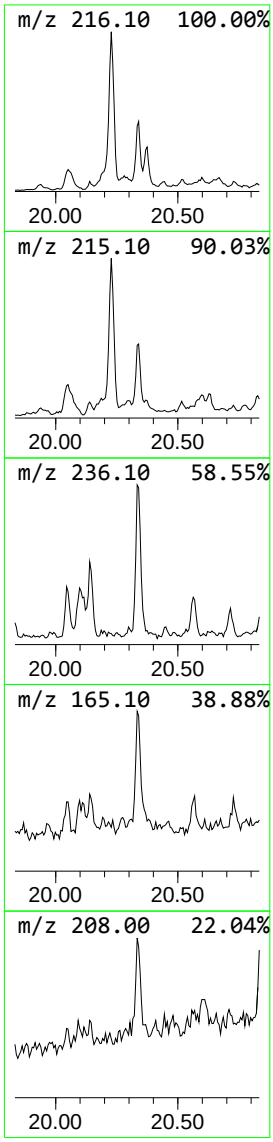
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 9,10-Anthracenedione, 2,3-d... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	2.53 ng/ul	227982	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2,3-dimethyl-	236	C16H12O2	006531-35-7	80
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46
5	Pregnane-3,20-diol, (3.alpha.,5....	320	C21H36O2	000080-92-2	43





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Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

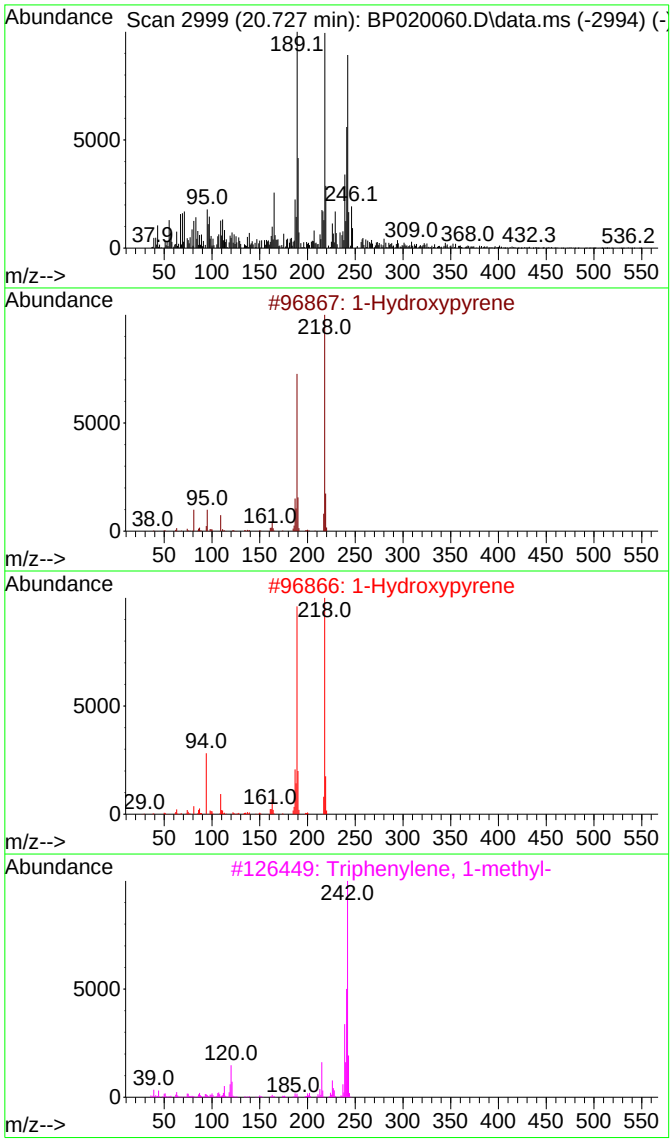
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

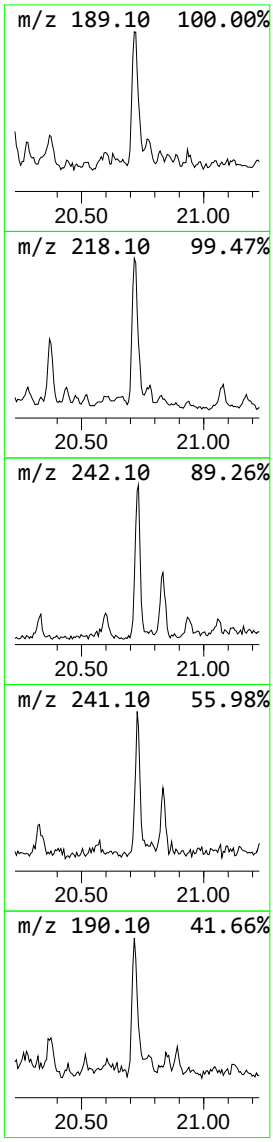
****

Peak Number 30 1-Hydroxypyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	4.39 ng/ul	394737	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxypyrene	218	C16H10O	005315-79-7	84
2	1-Hydroxypyrene	218	C16H10O	005315-79-7	83
3	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	48
4	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	47
5	1-Hydroxypyrene	218	C16H10O	005315-79-7	46





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

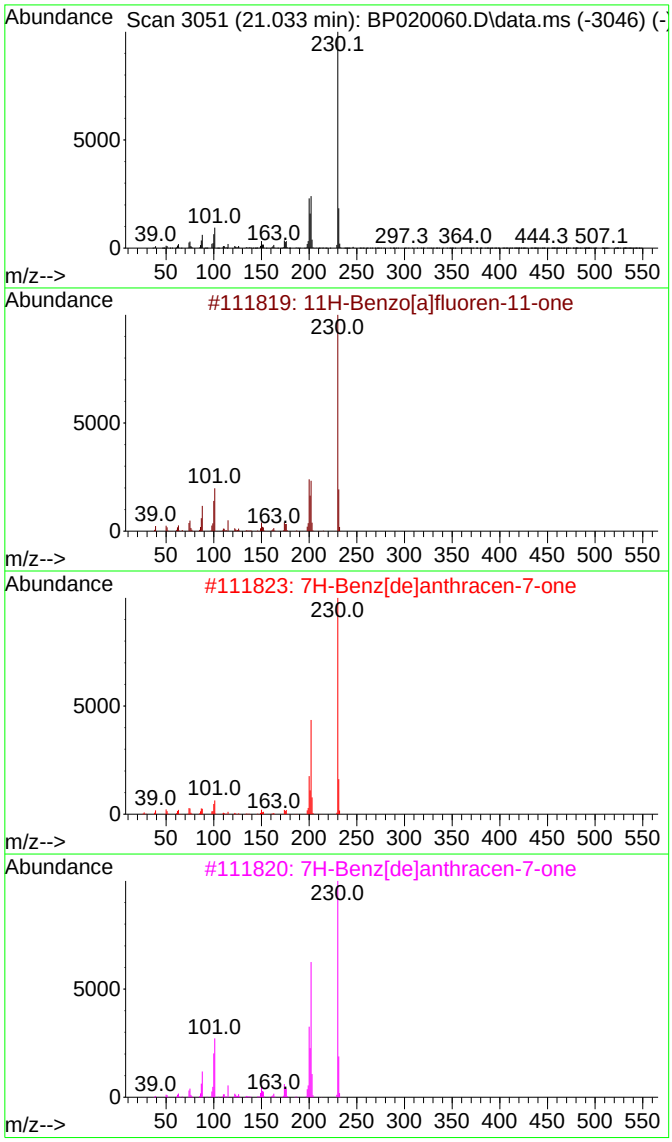
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

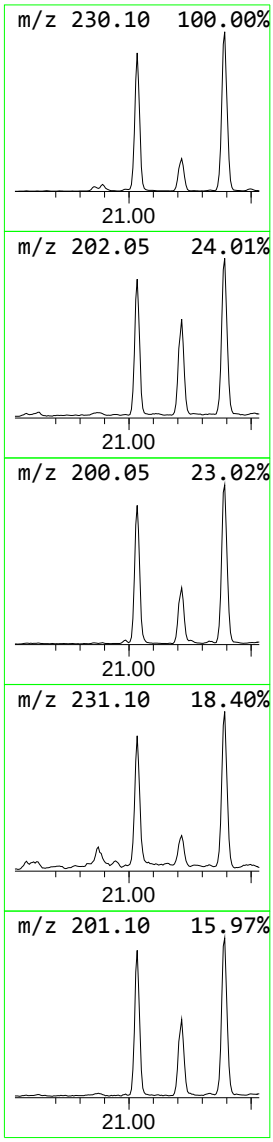
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	41.14 ng/ul	3702250	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

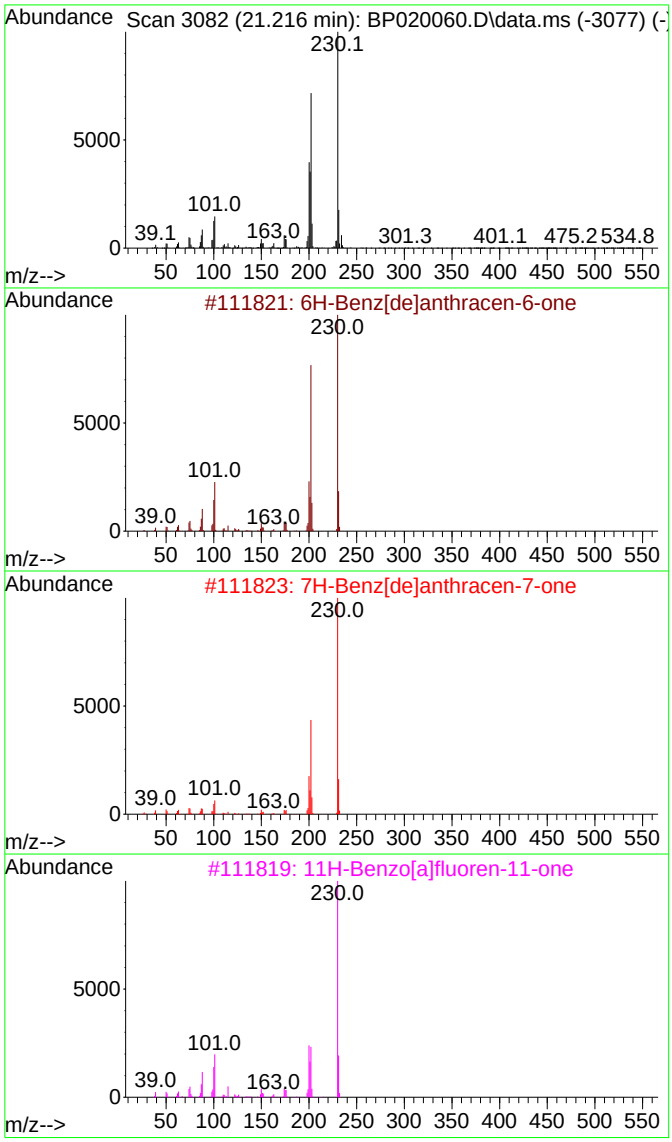
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

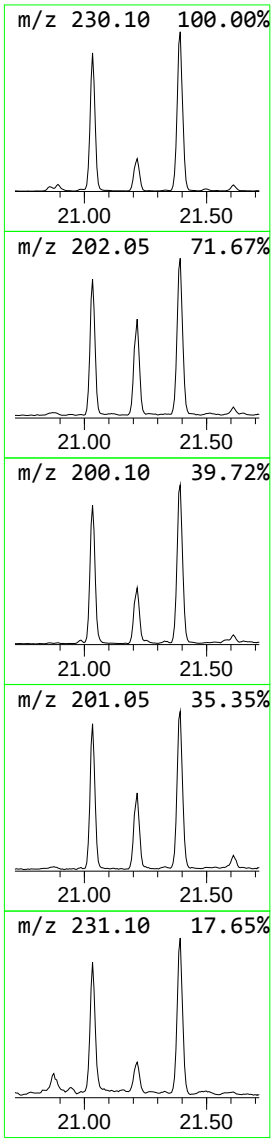
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 6H-Benz[de]anthracen-6-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	17.14 ng/ul	1542020	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94





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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

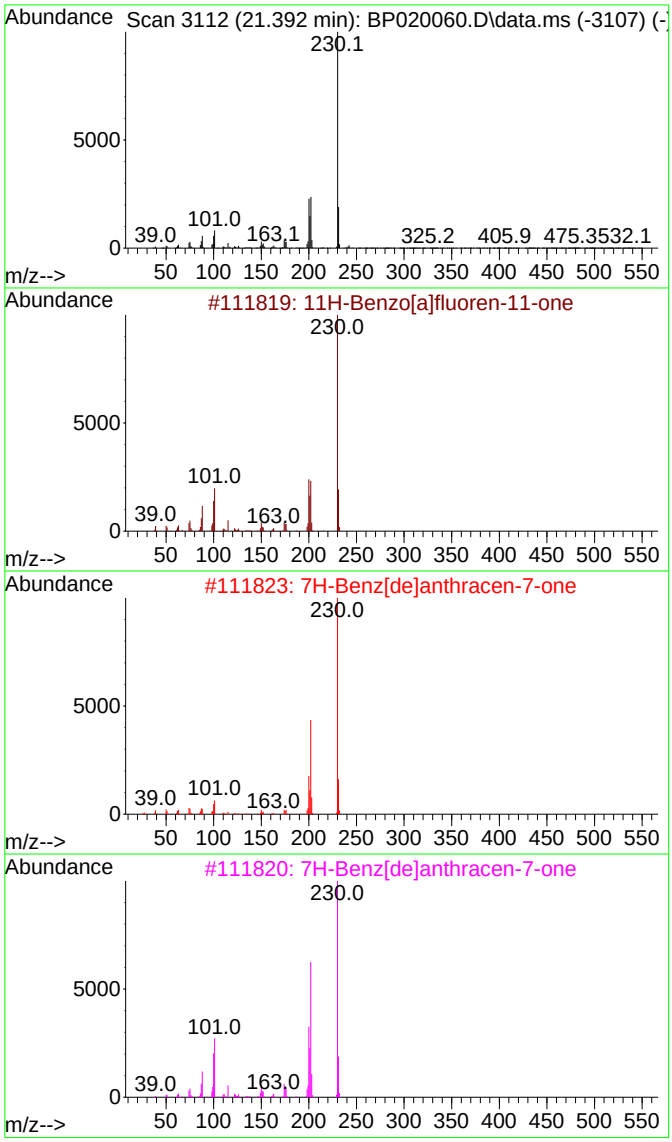
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

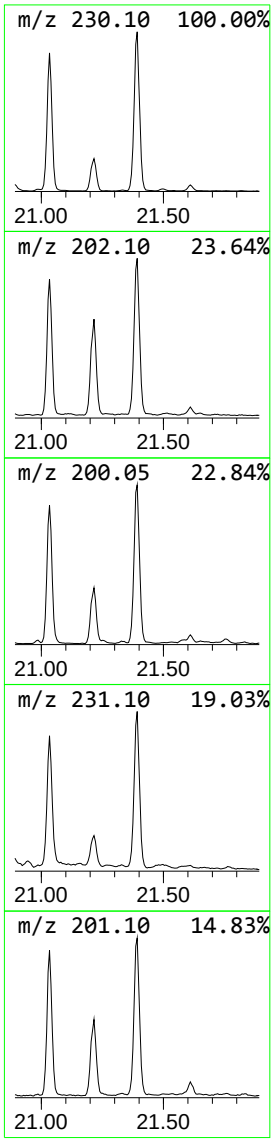
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 7H-Benz[de]anthracen-7-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	54.04 ng/ul	4862870	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

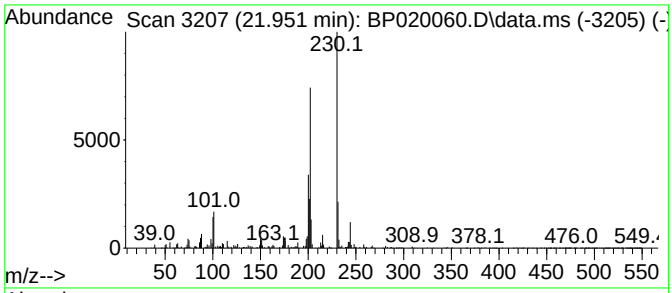
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

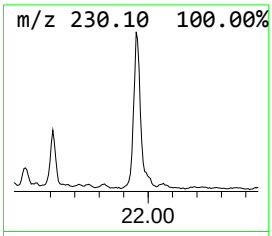
****

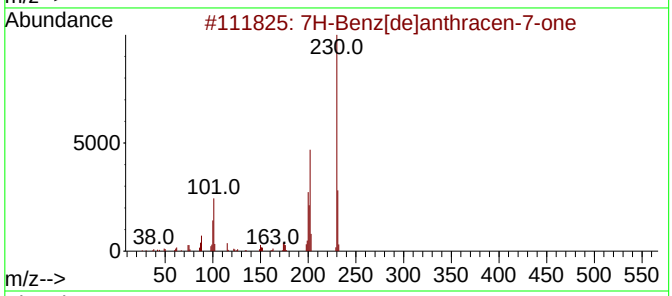
Peak Number 34 unknown-03 Concentration Rank 23

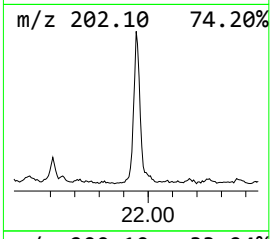
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.951	4.30 ng/ul	386729	Chrysene-d12	21.669

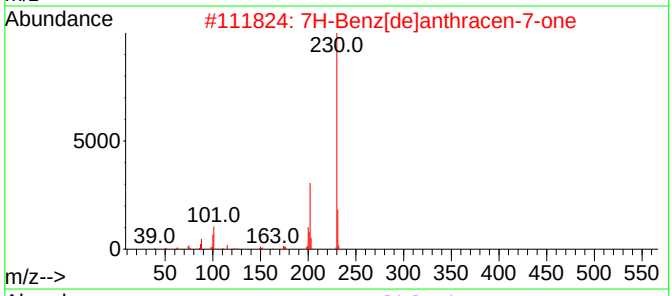
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	94
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94

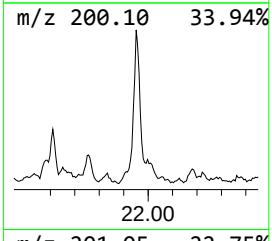


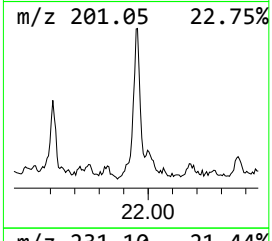


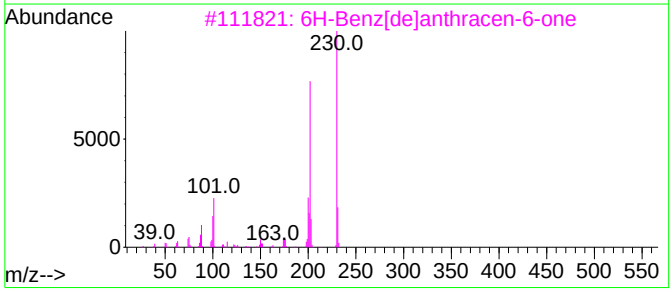


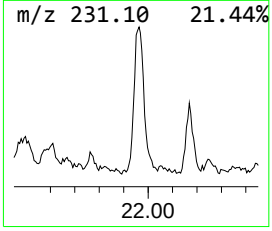












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Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

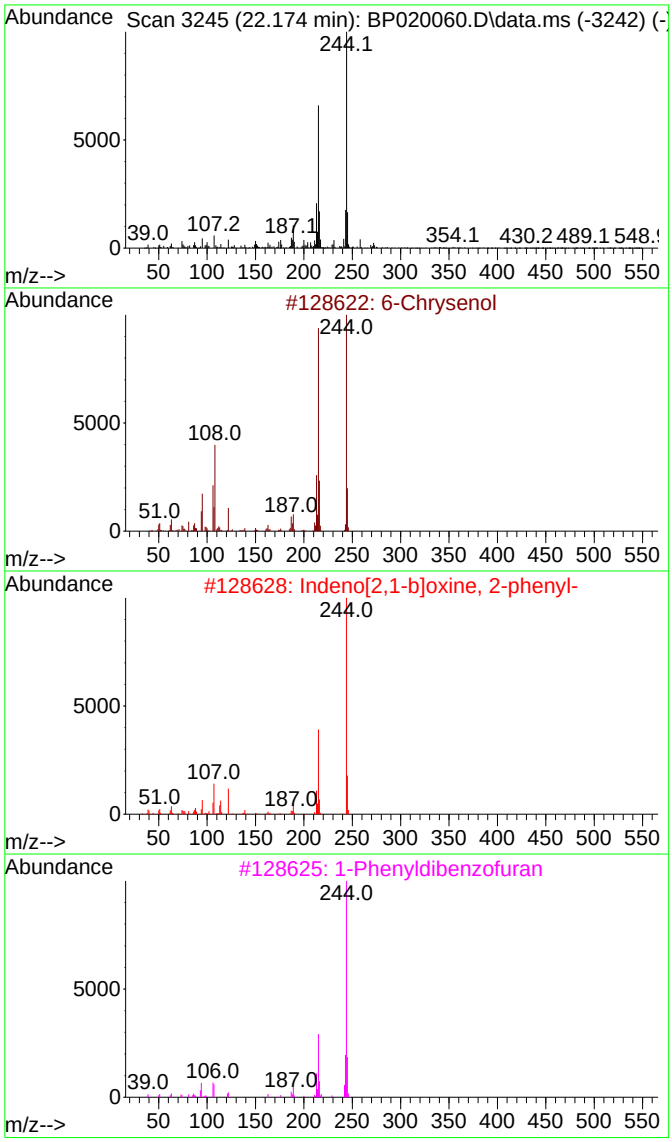
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

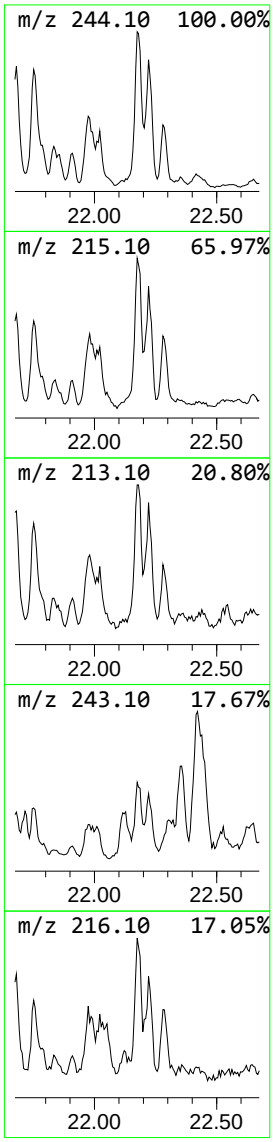
****

Peak Number 35 6-Chrysenol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.174	4.09 ng/ul	368440	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chrysenol	244	C18H12O	037515-51-8	93
2	Indeno[2,1-b]oxine, 2-phenyl-	244	C18H12O	010435-67-3	86
3	1-Phenyldibenzofuran	244	C18H12O	1000314-39-4	64
4	Pyrido[2,3-b]indole, 2-phenyl-	244	C17H12N2	064677-58-3	50
5	2-Oxatricyclo[9.4.0.0(3,8)]penta...	244	C16H8N2O	1000388-52-7	50





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Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

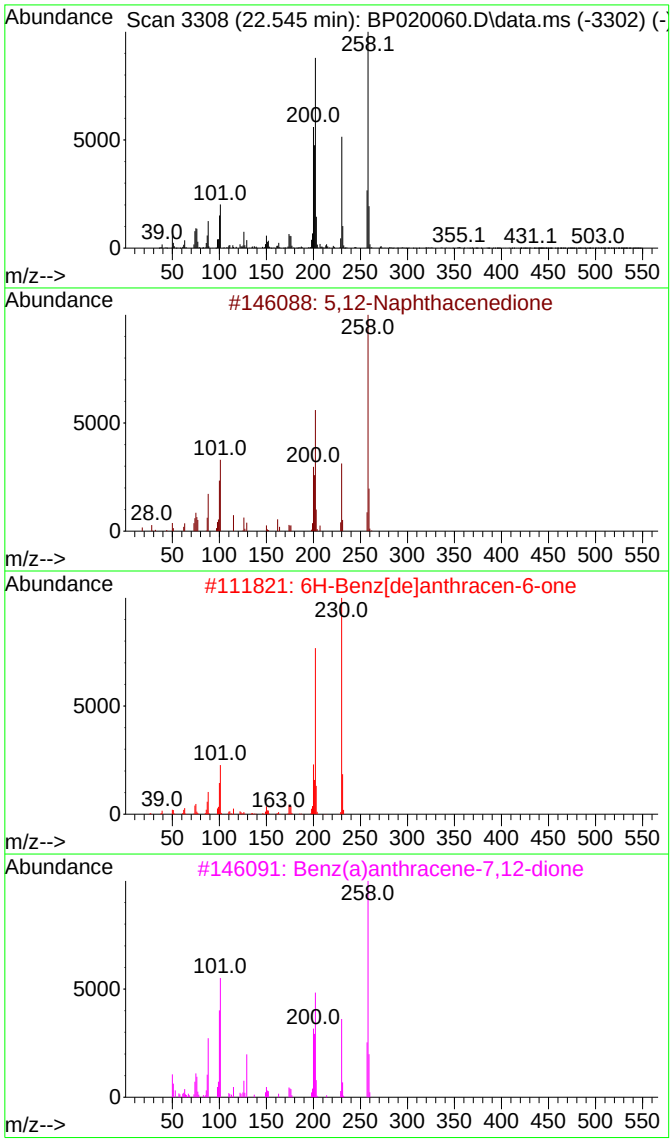
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

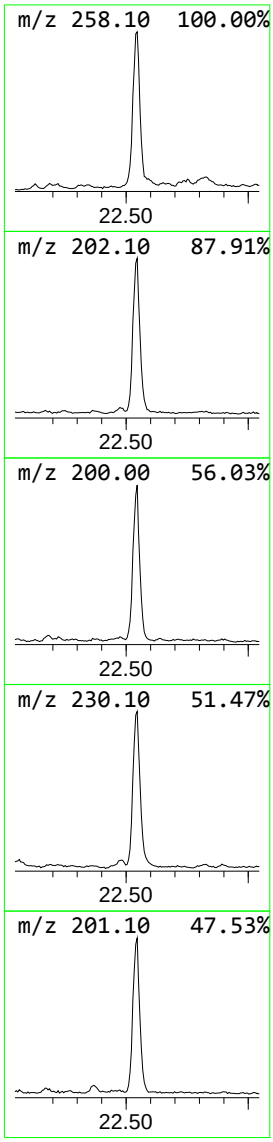
****

Peak Number 36 5,12-Naphthacenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.545	18.01 ng/ul	1620990	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	95
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
4	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91





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Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

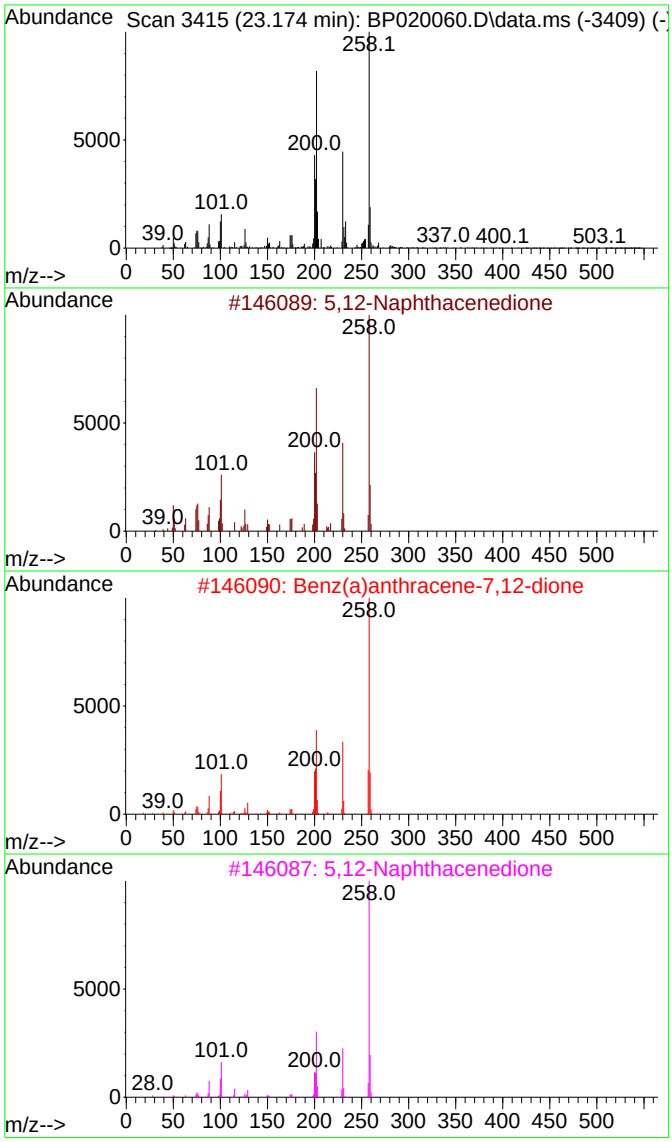
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

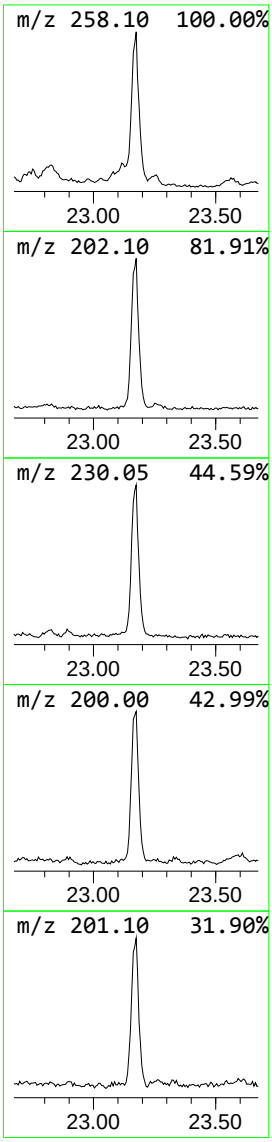
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benz(a)anthracene-7,12-dione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.174	12.83 ng/ul	1154590	Chrysene-d12	21.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	94
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
5	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89





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Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

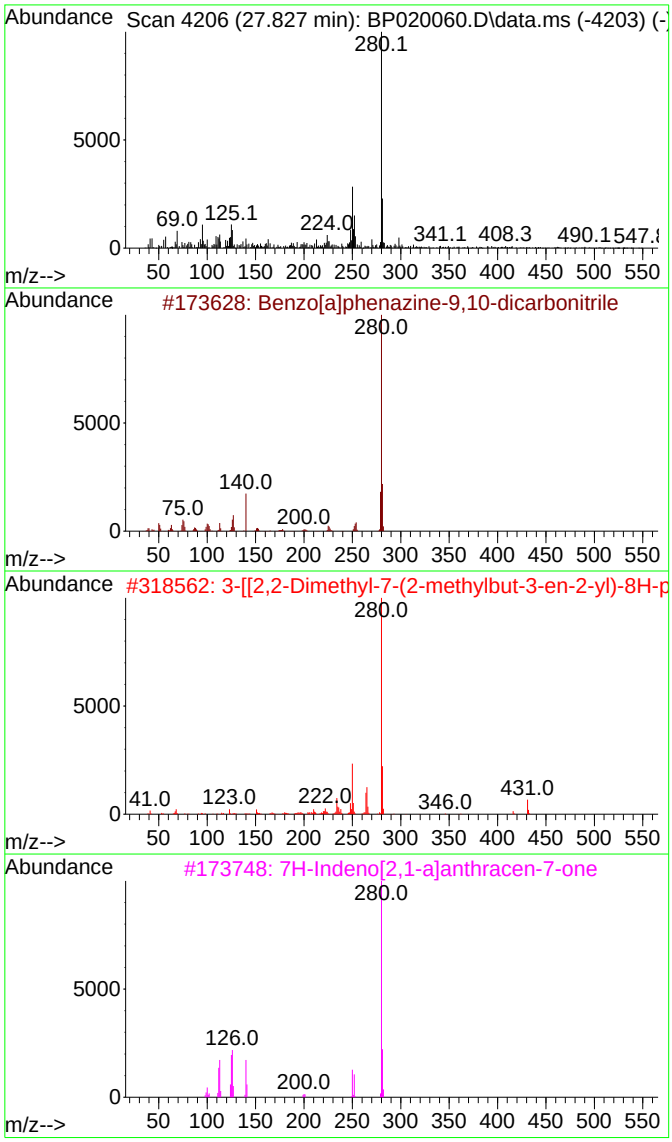
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

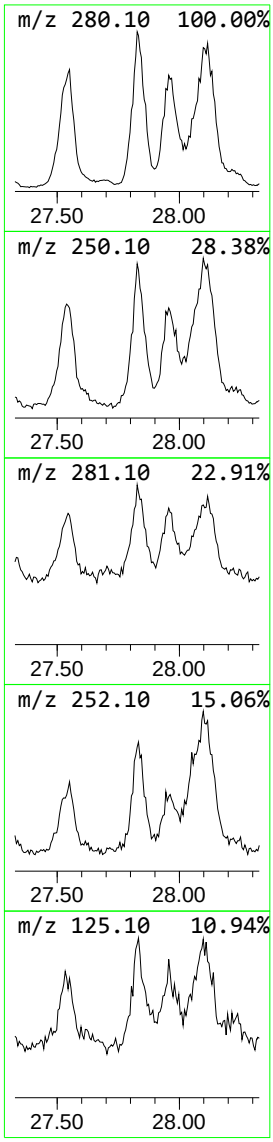
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzo[a]phenazine-9,10-dica... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.827	6.87 ng/ul	366221	Perylene-d12	25.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]phenazine-9,10-dicarboni...	280	C18H8N4	1000276-19-4	91
2	3-[[2,2-Dimethyl-7-(2-methylbut-...	431	C26H29N3O3	1295308-27-8	80
3	7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	72
4	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	64
5	Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020060.D
Acq On : 21 Apr 2024 03:28
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	15.198	2.3	ng/ul	162144	3	14.322	1404870	20.0
(DEL) Alkane: S...	15.628	2.8	ng/ul	197870	3	14.322	1404870	20.0
(DEL) Alkane: S...	16.116	5.8	ng/ul	432503	4	17.175	1486170	20.0
9H-Fluorene, 1-...	16.439	3.2	ng/ul	235138	4	17.175	1486170	20.0
9H-Fluoren-9-one	16.822	24.4	ng/ul	1809930	4	17.175	1486170	20.0
4-(4-Methylphen...	16.892	2.8	ng/ul	209611	4	17.175	1486170	20.0
(DEL) Alkane: S...	16.928	3.8	ng/ul	284303	4	17.175	1486170	20.0
(DEL) Alkane: S...	16.981	4.7	ng/ul	346597	4	17.175	1486170	20.0
Acridine	17.375	7.0	ng/ul	520871	4	17.175	1486170	20.0
(DEL) Alkane: S...	17.716	4.4	ng/ul	324933	4	17.175	1486170	20.0
Anthrone	17.792	4.6	ng/ul	340296	4	17.175	1486170	20.0
2-Fluorenecarbo...	17.886	3.0	ng/ul	225666	4	17.175	1486170	20.0
9-anthracenol	17.998	2.4	ng/ul	181581	4	17.175	1486170	20.0
n-Hexadecanoic ...	18.128	10.7	ng/ul	794138	4	17.175	1486170	20.0
(DEL) Alkane: S...	18.427	2.5	ng/ul	183251	4	17.175	1486170	20.0
3-Phenyl-benzof...	18.498	3.3	ng/ul	247696	4	17.175	1486170	20.0
5,16[1',2']:8,1...	18.610	8.7	ng/ul	648013	4	17.175	1486170	20.0
9,10-Anthracene...	18.663	78.6	ng/ul	5841920	4	17.175	1486170	20.0
Cyclopenta(def)...	19.192	16.1	ng/ul	1192300	4	17.175	1486170	20.0
7-Isopropenyl-1...	19.404	5.9	ng/ul	435471	4	17.175	1486170	20.0
9-Anthracenecar...	19.433	3.3	ng/ul	294797	5	21.669	1799820	20.0
4,4'-Bis(tetrah...	19.480	5.5	ng/ul	491956	5	21.669	1799820	20.0
9,10-Anthracene...	19.545	12.4	ng/ul	1117190	5	21.669	1799820	20.0
unknown-01	19.722	4.6	ng/ul	412076	5	21.669	1799820	20.0
unknown-02	19.780	3.3	ng/ul	298244	5	21.669	1799820	20.0
6(5H)-Phenanthr...	20.198	5.4	ng/ul	488646	5	21.669	1799820	20.0
11H-Benzo[b]flu...	20.227	3.0	ng/ul	269515	5	21.669	1799820	20.0
9,10-Anthracene...	20.333	2.5	ng/ul	227982	5	21.669	1799820	20.0
1-Hydroxypyrene	20.727	4.4	ng/ul	394737	5	21.669	1799820	20.0
11H-Benzo[a]flu...	21.033	41.1	ng/ul	3702250	5	21.669	1799820	20.0
6H-Benz[de]anth...	21.216	17.1	ng/ul	1542020	5	21.669	1799820	20.0
7H-Benz[de]anth...	21.392	54.0	ng/ul	4862870	5	21.669	1799820	20.0
unknown-03	21.951	4.3	ng/ul	386729	5	21.669	1799820	20.0
6-Chrysenol	22.174	4.1	ng/ul	368440	5	21.669	1799820	20.0
5,12-Naphthacen...	22.545	18.0	ng/ul	1620990	5	21.669	1799820	20.0
Benz(a)anthrace...	23.174	12.8	ng/ul	1154590	5	21.669	1799820	20.0
Benzo[a]phenazi...	27.827	6.9	ng/ul	366221	6	25.074	1066830	20.0