LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN032020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.787	300	306	319	rBV	148424	222389	3.06%	0.187%
2	6.828	646	653	666	rVB	999080	1705759	23.49%	1.437%
3	6.999	672	682	694	rBV	833538	1346239	18.54%	1.134%
4	7.187	705	714	723	rBV	1067281	1720741	23.70%	1.450%
5	7.652	783	793	802	rBV	1042055	1655718	22.80%	1.395%
6	8.363	906	914	921	rBV	1205889	2030681	27.97%	1.711%
7	8.810	982	990	1004	rBV	986239	1621805	22.33%	1.366%
8	9.528	1104	1112	1127	rBV	772348	1325572	18.26%	1.117%
9	10.063	1194	1203	1220	rBV	1134570	2066301	28.46%	1.741%
10	10.434	1257	1266	1272	rBV	1430200	2414900	33.26%	2.035%
11	10.581	1281	1291	1307	rBV	974454	1765822	24.32%	1.488%
12	12.322	1577	1587	1598	rVB	54619	102448	1.41%	0.086%
13	13.457	1770	1780	1790	rBV3	71445	197756	2.72%	0.167%
14	13.616	1797	1807	1812	rBV	96678	171813	2.37%	0.145%
15	13.716	1818	1824	1838	rVV	1868806	2780841	38.30%	2.343%
16	13.992	1859	1871	1885	rBV	2241351	3623281	49.90%	3.053%
17	14.298	1913	1923	1929	rVV	1938682	3020726	41.60%	2.545%
18	14.363	1929	1934	1942	rVV	355669	572956	7.89%	0.483%
19	14.522	1953	1961	1969	rBV	675018	1247304	17.18%	1.051%
20	14.610	1970	1976	1980	rVV2	87572	177040	2.44%	0.149%
21	14.698	1983	1991	2000	rVV	142207	335136	4.62%	0.282%
22	15.087	2050	2057	2061	rBV4	55818	123333	1.70%	0.104%
23	15.292	2078	2092	2098	rBV	2768460	4204406	57.90%	3.542%
24	15.345	2098	2101	2107	rVV	358397	531343	7.32%	0.448%
25	15.428	2110	2115	2120	rVV2	590987	927513	12.77%	0.781%
26	15.475	2120	2123	2126	rVV	140612	205319	2.83%	0.173%
27	15.510	2126	2129	2134	rVV2	121886	183453	2.53%	0.155%
28	15.557	2134	2137	2141	rVV2	66305	96044	1.32%	0.081%
29	15.639	2147	2151	2160	rVB2	104040	231076	3.18%	0.195%
30	15.792	2173	2177	2184	rVB2	71074	143276	1.97%	0.121%
31	16.022	2212	2216	2223	rVV4	63364	123798	1.70%	0.104%
32	16.334	2261	2269	2270	rBV2	140529	242553	3.34%	0.204%
33	16.404	2277	2281	2286	rVB2	139343	211383	2.91%	0.178%
34	16.504	2294	2298	2303	rVB2	95935	148513	2.05%	0.125%
35	16.557	2303	2307	2309	rBV	63192	93719	1.29%	0.079%
36	16.622	2313	2318	2322	rVB2	88743	154164	2.12%	0.130%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

37	16.704	2328	2332	2339	rVB2	164245	268693	3.70%	0.226%
38	16.804	2340	2349	2354	rVV2	266260	526996	7.26%	0.444%
39	16.869	2354	2360	2367	rVB	364887	587395	8.09%	0.495%
40	17.051	2384	2391	2394	rBV	2150189	3291013	45.32%	2.773%
41	17.092	2394	2398	2403	rVV	4916772	7261345	100.00%	6.118%
42	17.145	2403	2407	2411	rVV	2855981	4166062	57.37%	3.510%
43	17.181	2411	2413	2418	rVV	730970	874991	12.05%	0.737%
44	17.245	2419	2424	2428	rVV3	77097	170740	2.35%	0.144%
45	17.457	2455	2460	2468	rBV	171812	302686	4.17%	0.255%
46	17.569	2475	2479	2483	rBV	135439	167400	2.31%	0.141%
47	17.628	2484	2489	2493	rBV2	294832	407952	5.62%	0.344%
48	17.769	2509	2513	2521	rVB	194101	337947	4.65%	0.285%
49	17.845	2522	2526	2530	rBV2	82628	114534	1.58%	0.097%
50	17.922	2534	2539	2542	rVV	1120536	1644869	22.65%	1.386%
51	17.969	2543	2547	2554	rVB	1361665	2193134	30.20%	1.848%
52	18.051	2554	2561	2566	rBV	300610	505050	6.96%	0.426%
53	18.116	2566	2572	2576	rVV2	1241386	2382123	32.81%	2.007%
54	18.157	2576	2579	2586	rVB	854902	1112367	15.32%	0.937%
55	18.281	2596	2600	2603	rVV4	68939	108840	1.50%	0.092%
56	18.322	2603	2607	2612	rVB	115770	159366	2.19%	0.134%
57	18.428	2620	2625	2629	rBV	677015	916144	12.62%	0.772%
58	18.475	2629	2633	2638	rVB2	417175	590958	8.14%	0.498%
59	18.551	2643	2646	2650	rBV	141393	170841	2.35%	0.144%
60	18.645	2658	2662	2664	rBV2	92932	135284	1.86%	0.114%
61	18.675	2664	2667	2671	rVV	323454	451400	6.22%	0.380%
62	18.728	2672	2676	2679	rVV	215914	311043	4.28%	0.262%
63	18.763	2679	2682	2686	rVB2	186072	238392	3.28%	0.201%
64	18.845	2691	2696	2701	rBV	577961	1024275	14.11%	0.863%
65	18.910	2702	2707	2710	rVV3	312602	603632	8.31%	0.509%
66	18.939	2710	2712	2716	rVB	198537	212615	2.93%	0.179%
67	18.992	2716	2721	2728	rBV3	353697	822519	11.33%	0.693%
68	19.116	2736	2742	2748	rVB	4335744	6064493	83.52%	5.110%
69	19.180	2749	2753	2755	rBV	137053	170060	2.34%	0.143%
70	19.216	2755	2759	2760	rBV2	153693	185135	2.55%	0.156%
71	19.316	2773	2776	2780	rVV3	107270	120087	1.65%	0.101%
72	19.357	2780	2783	2786	rVV2	154818	185834	2.56%	0.157%
73	19.392	2786	2789	2793	rVB2	124521	162446	2.24%	0.137%
74	19.451	2793	2799	2801	rBV	3597736	5344641	73.60%	4.503%
75	19.480	2801	2804	2812	rVV	3858455	5275663	72.65%	4.445%
76	19.551	2812	2816	2821	rVB2	257822	429787	5.92%	0.362%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

77	19.716	2841	2844	2849	rVB2	144979	233346	3.21%	0.197%
78	19.804	2854	2859	2869	rVV4	409513	964103	13.28%	0.812%
79	19.892	2871	2874	2877	rVV2	126020	152885	2.11%	0.129%
80	19.975	2878	2888	2895	rVV	653781	1675183	23.07%	1.411%
81	20.075	2901	2905	2909	rVB	397202	469621	6.47%	0.396%
82	20.133	2910	2915	2918	rBV	589362	810403	11.16%	0.683%
83	20.169	2918	2921	2926	rVB	225019	287486	3.96%	0.242%
84	20.275	2935	2939	2942	rBV	396451	533102	7.34%	0.449%
85	20.322	2942	2947	2951	rVB	520329	722381	9.95%	0.609%
86	20.492	2973	2976	2979	rBV2	144882	167903	2.31%	0.141%
87	20.722	3011	3015	3022	rVB2	547229	837081	11.53%	0.705%
88	20.892	3041	3044	3048	rVB3	330638	437234	6.02%	0.368%
89	20.933	3048	3051	3054	rVV	441474	502118	6.91%	0.423%
90	20.974	3054	3058	3064	rVV2	509897	970811	13.37%	0.818%
91	21.039	3066	3069	3077	rVB	350507	519699	7.16%	0.438%
92	21.280	3103	3110	3114	rBV3	2814841	6260579	86.22%	5.275%
93	21.327	3114	3118	3130	rVB	1989389	3133146	43.15%	2.640%
94	21.433	3132	3136	3139	rBV	424131	615718	8.48%	0.519%
95	21.957	3221	3225	3230	rVB	408427	627606	8.64%	0.529%
96	22.021	3232	3236	3242	rVB2	350199	566234	7.80%	0.477%
97	23.286	3445	3451	3458	rBV	909693	2521158	34.72%	2.124%
98	24.010	3567	3574	3580	rBV2	1171792	2736962	37.69%	2.306%
99	24.074	3581	3585	3597	rVB	511779	1117354	15.39%	0.941%
100	24.210	3600	3608	3617	rBV	1643618	4099894	56.46%	3.454%

Sum of corrected areas: 118685880

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
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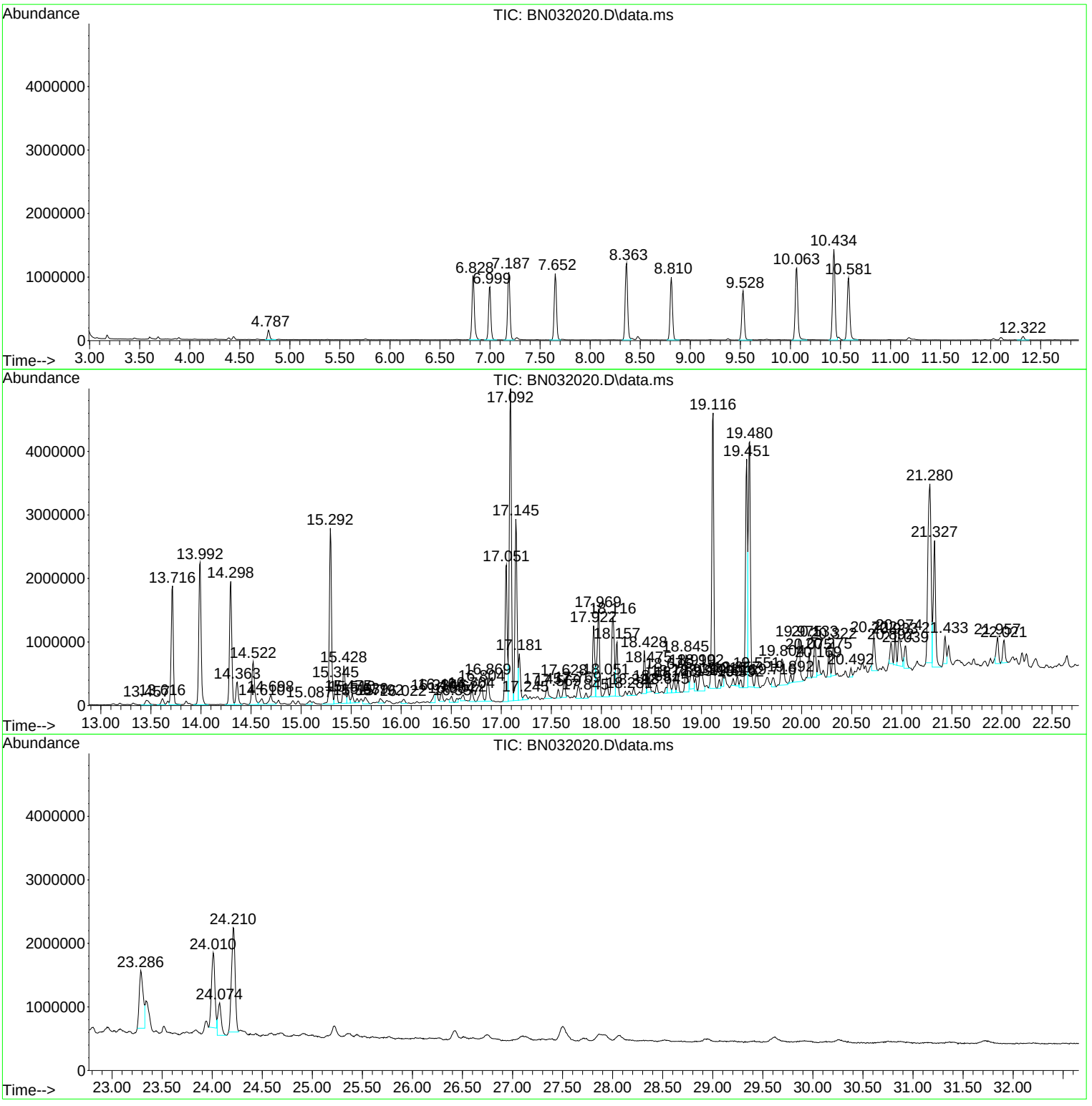
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

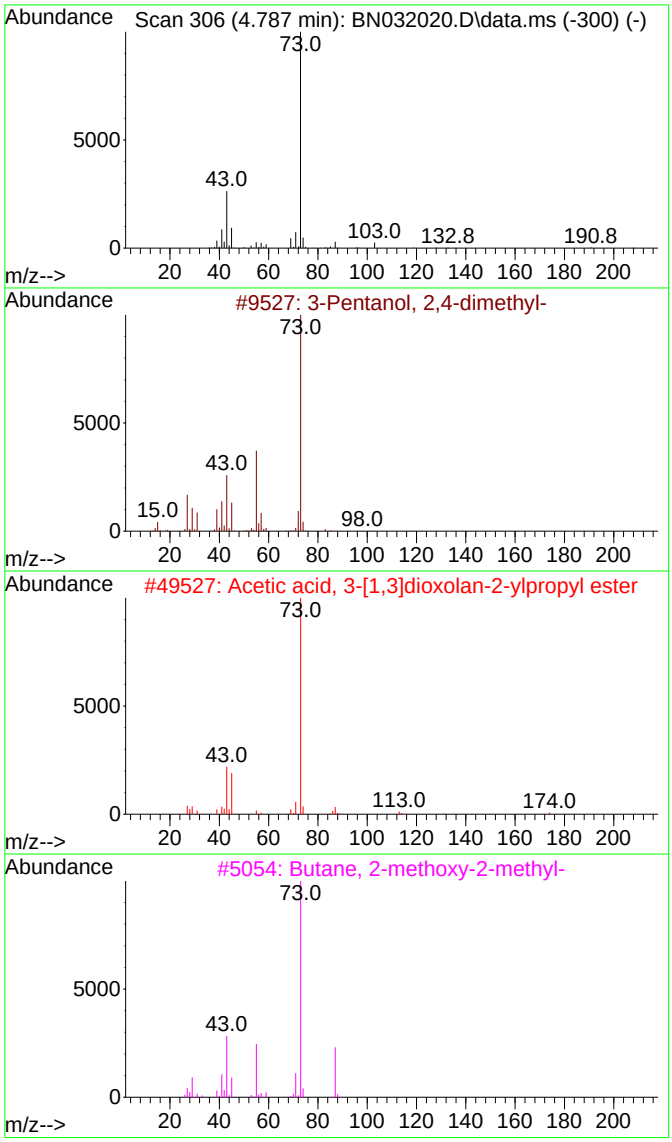
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

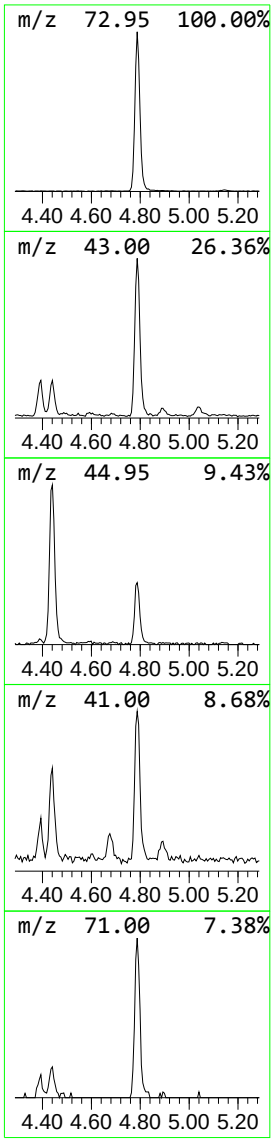
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.787	2.69 ng/ul	222389	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
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Sample : P2696-01
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

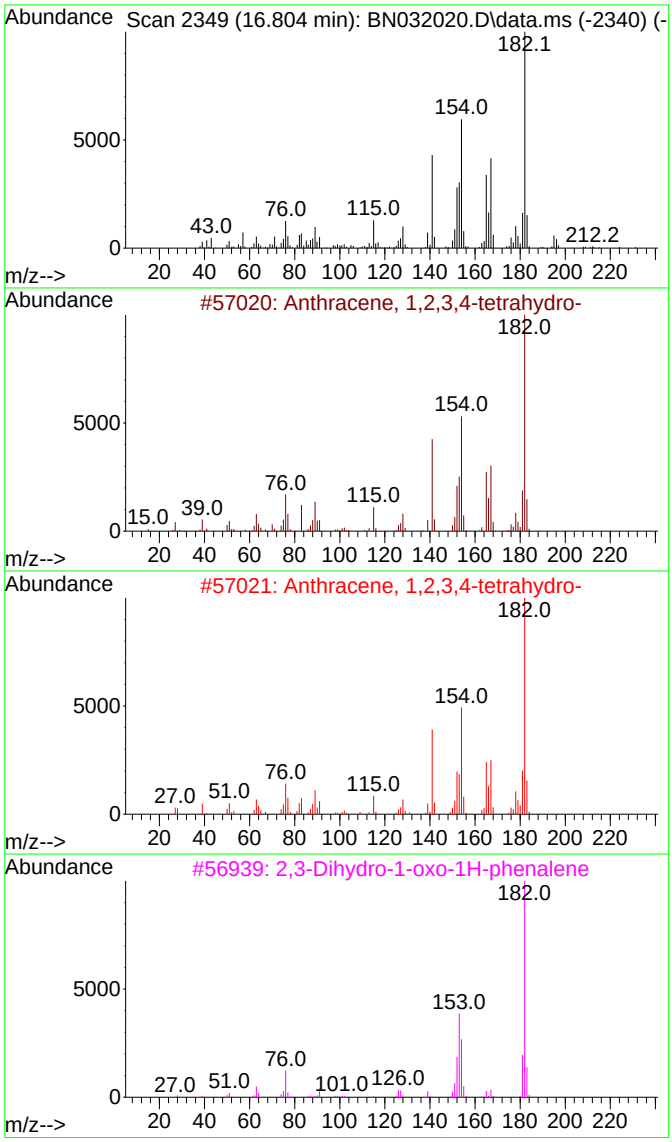
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

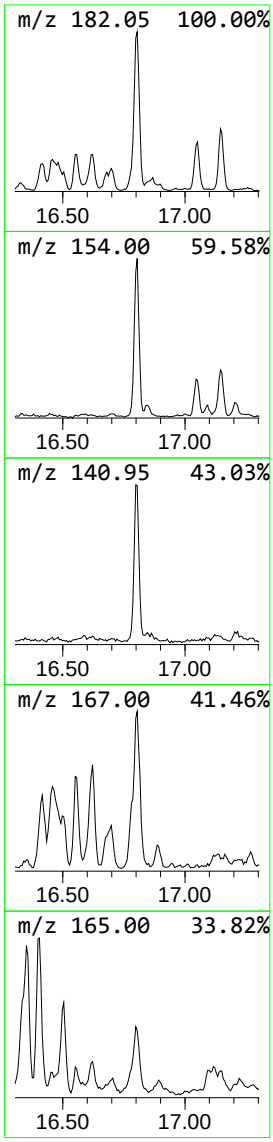
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	3.20 ng/ul	526996	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
3	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	87
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	78
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
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Sample : P2696-01
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

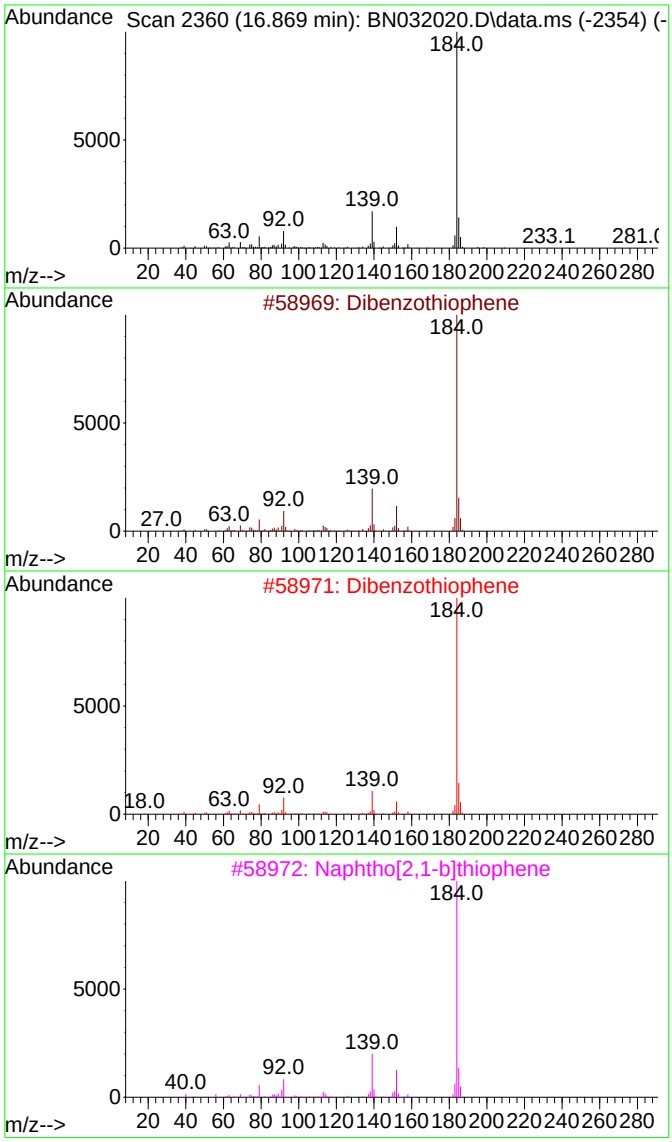
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

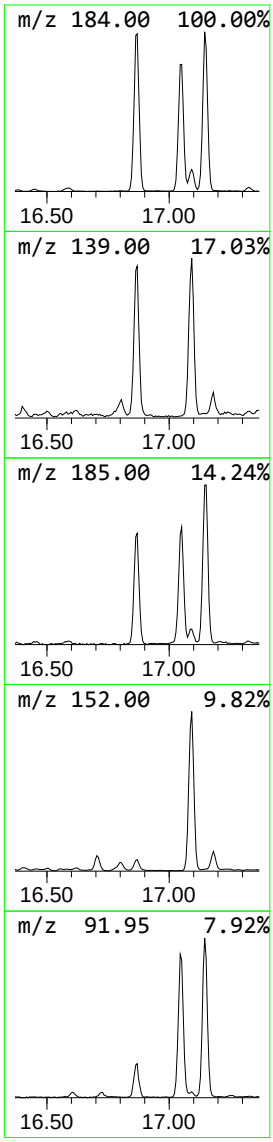
****

Peak Number 4 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	3.57 ng/ul	587395	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
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Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

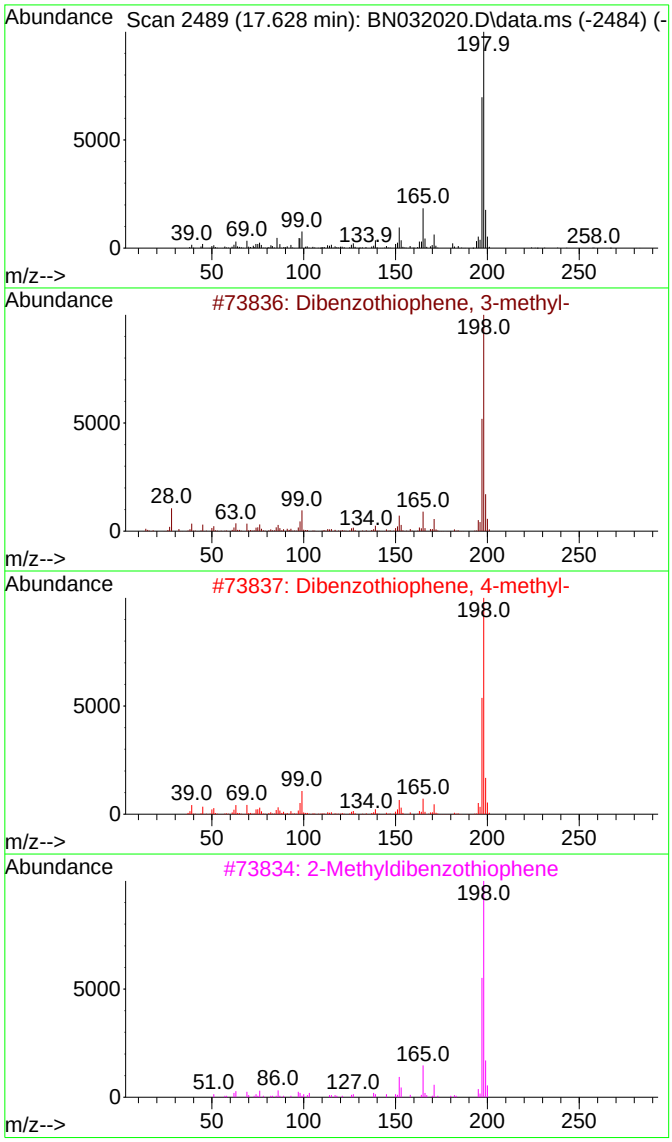
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

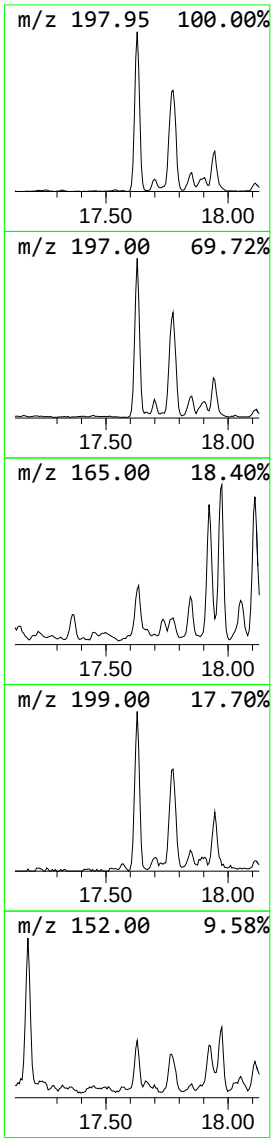
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.628	2.48 ng/ul	407952	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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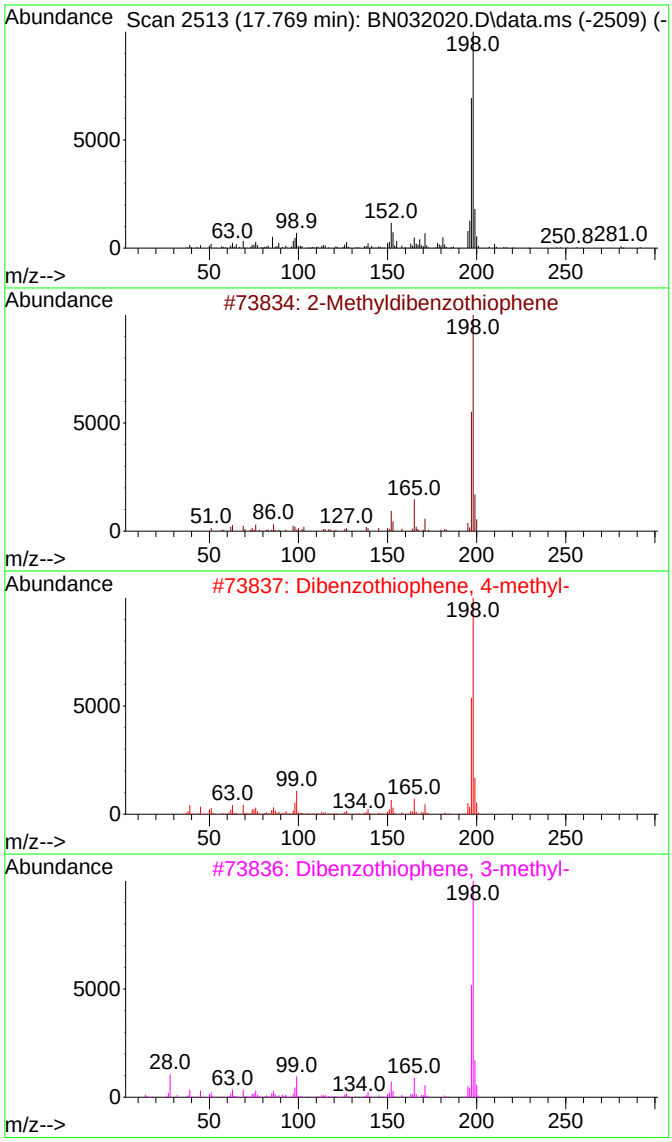
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

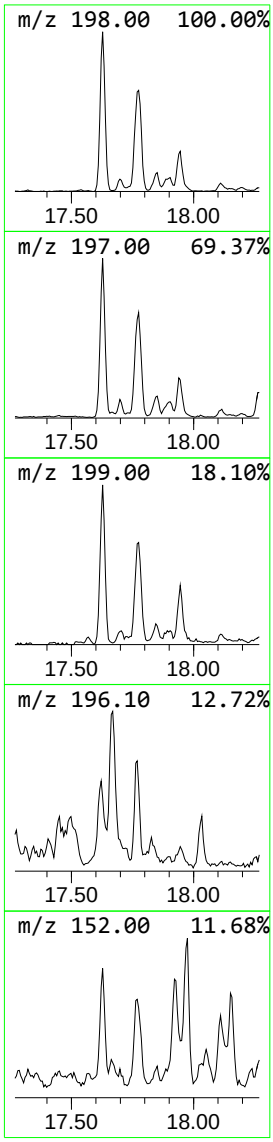
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methyldibenzothiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	2.05 ng/ul	337947	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





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Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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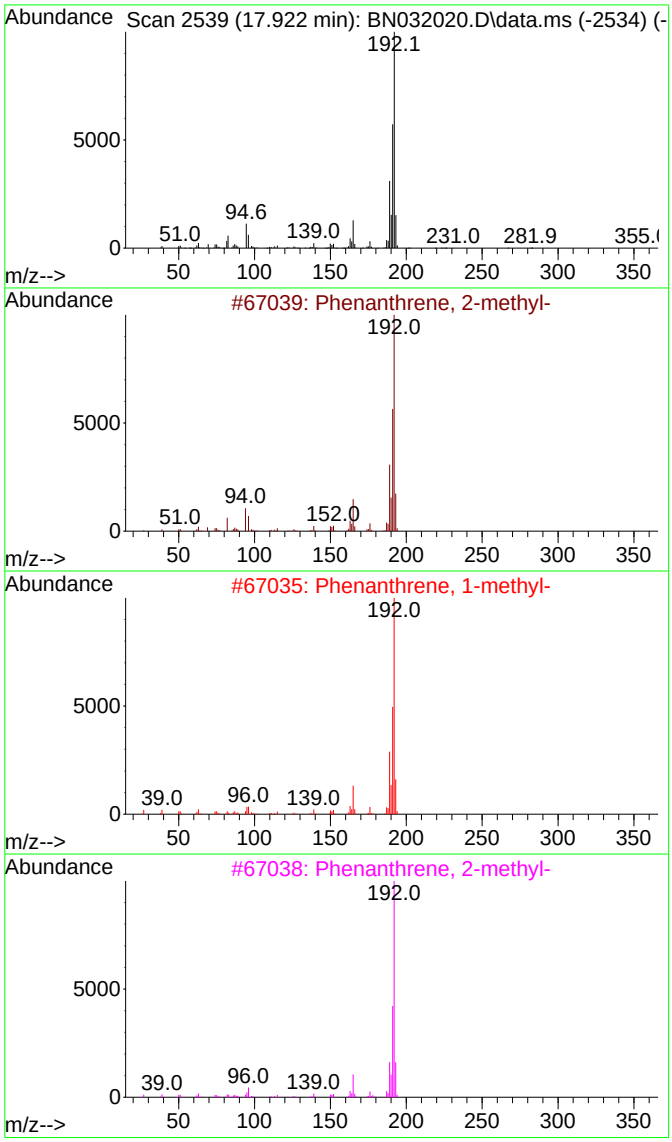
Quant Title : SVOA CALIBRATION

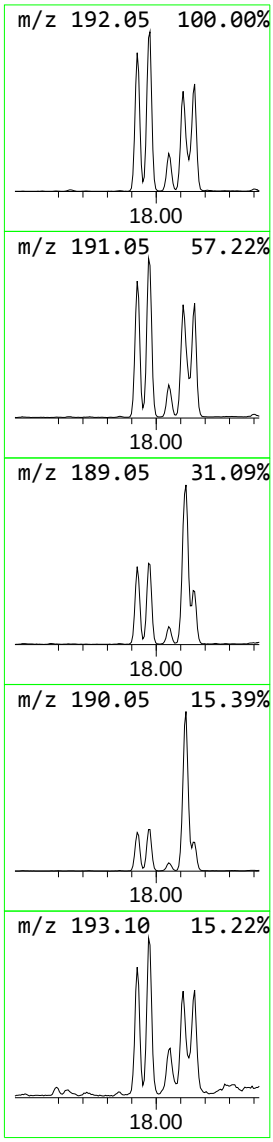
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	10.00 ng/ul	1644870	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

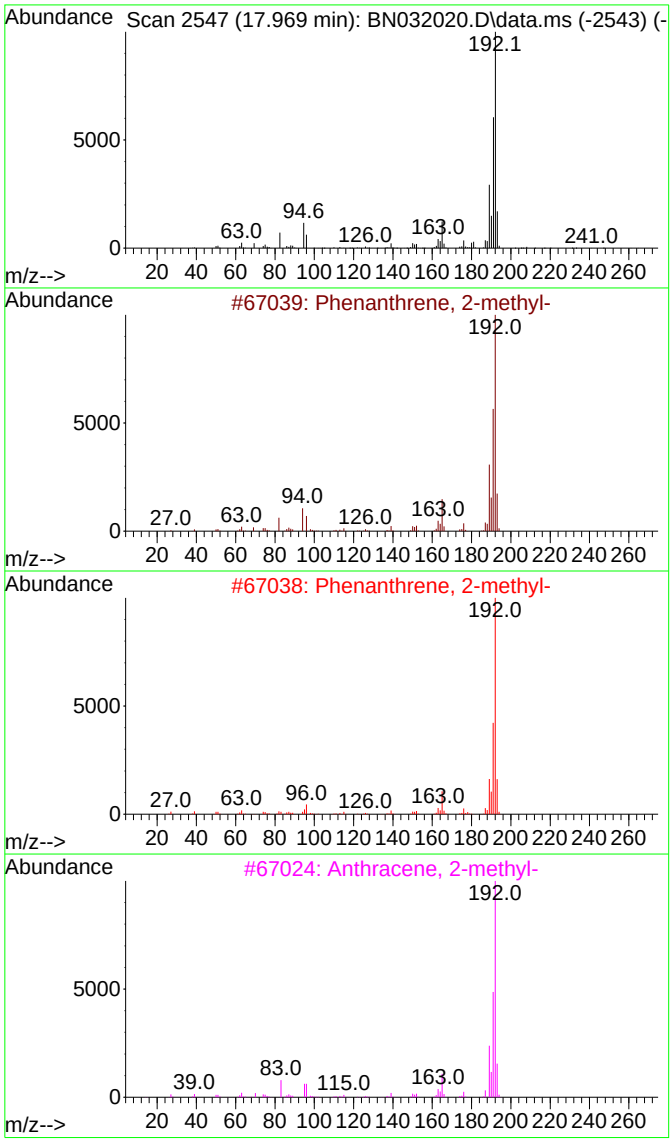
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

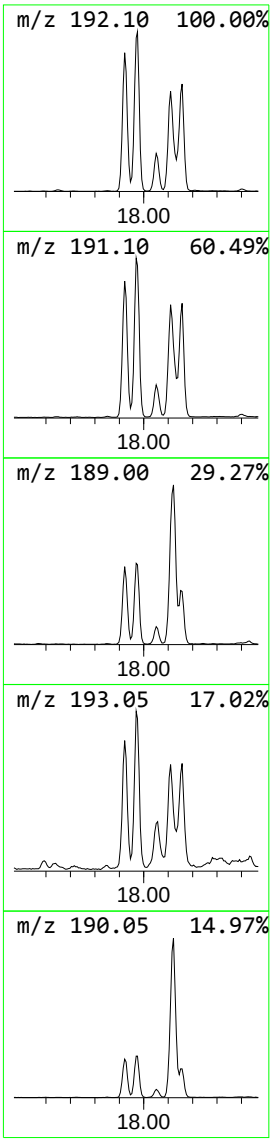
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	13.33 ng/ul	2193130	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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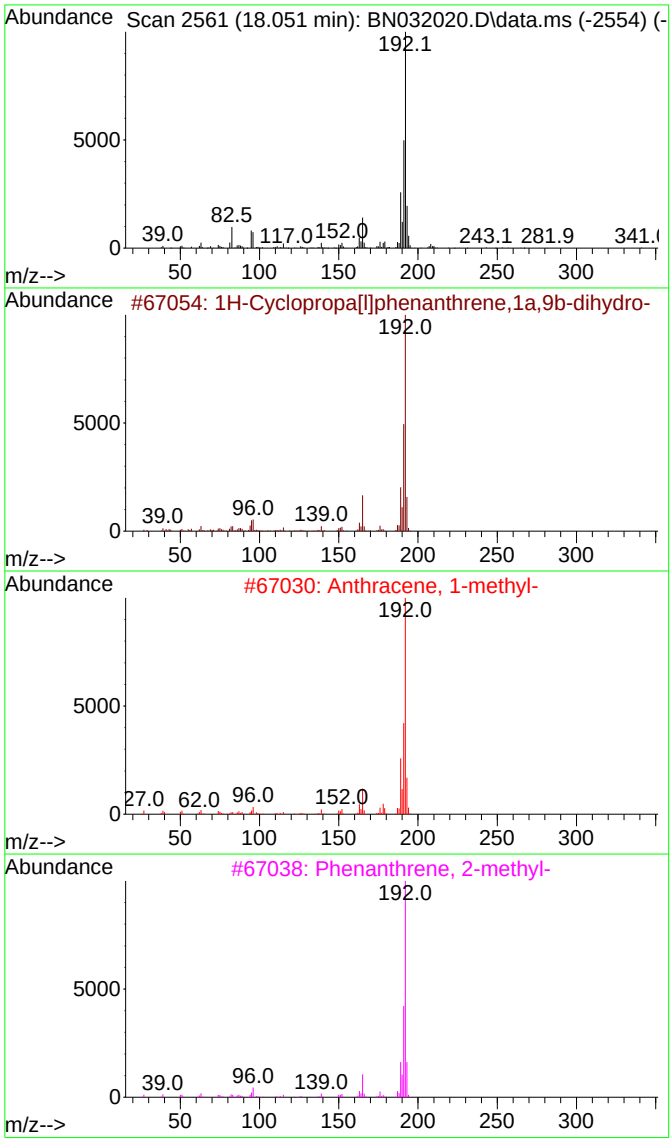
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

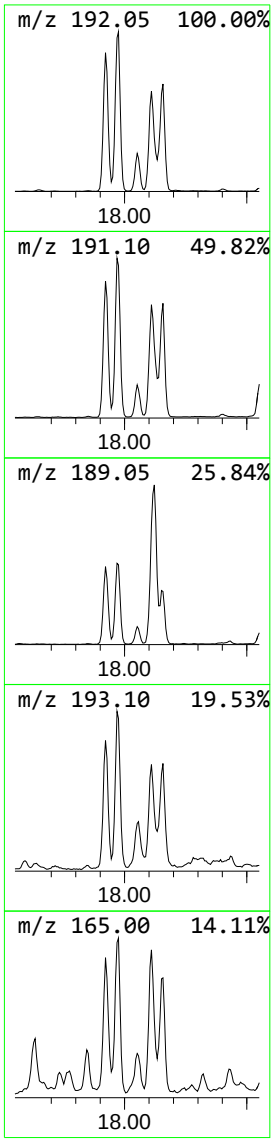
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	3.07 ng/ul	505050	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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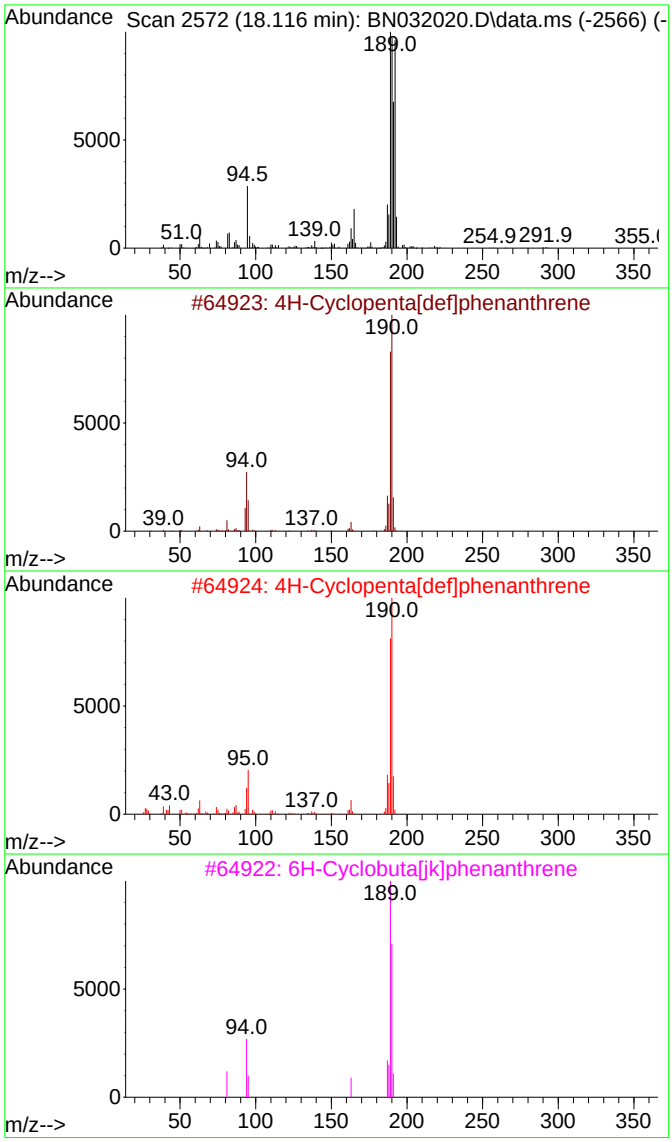
Quant Title : SVOA CALIBRATION

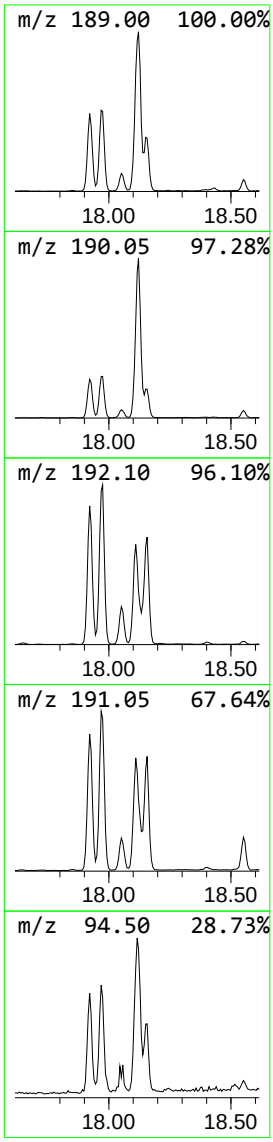
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	14.48 ng/ul	2382120	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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ClientSampleId :
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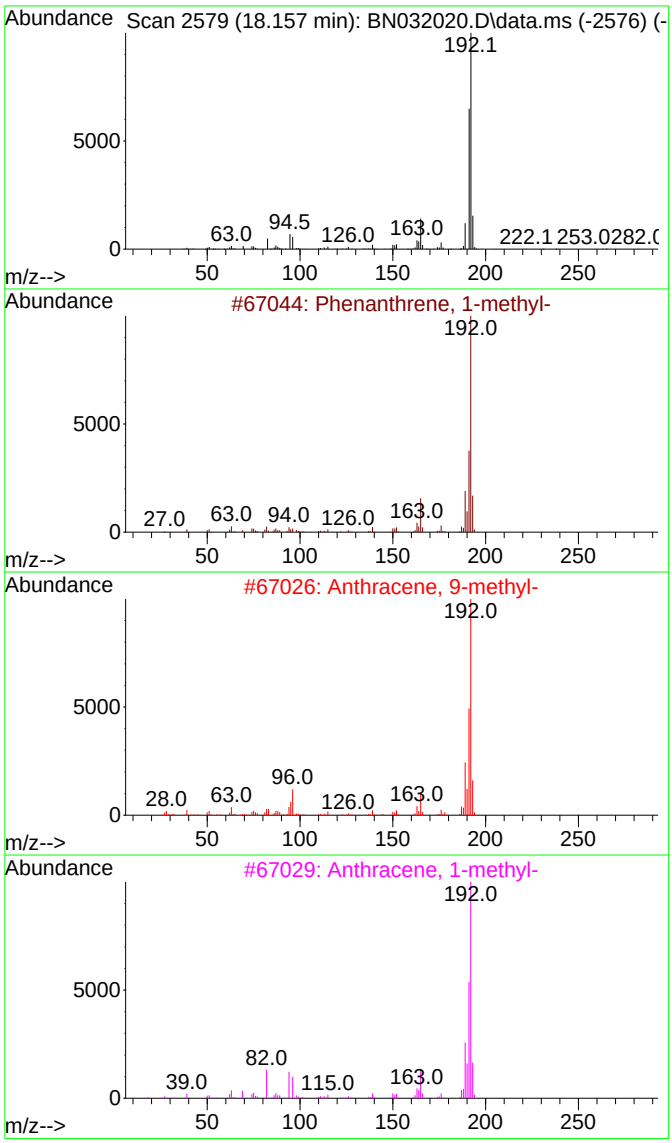
Quant Title : SVOA CALIBRATION

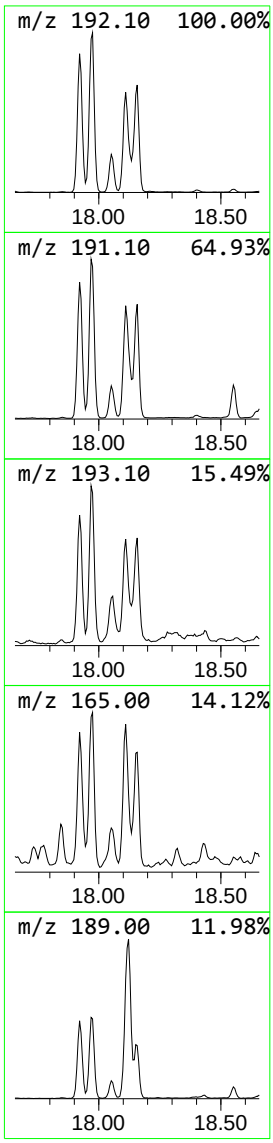
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	6.76 ng/ul	1112370	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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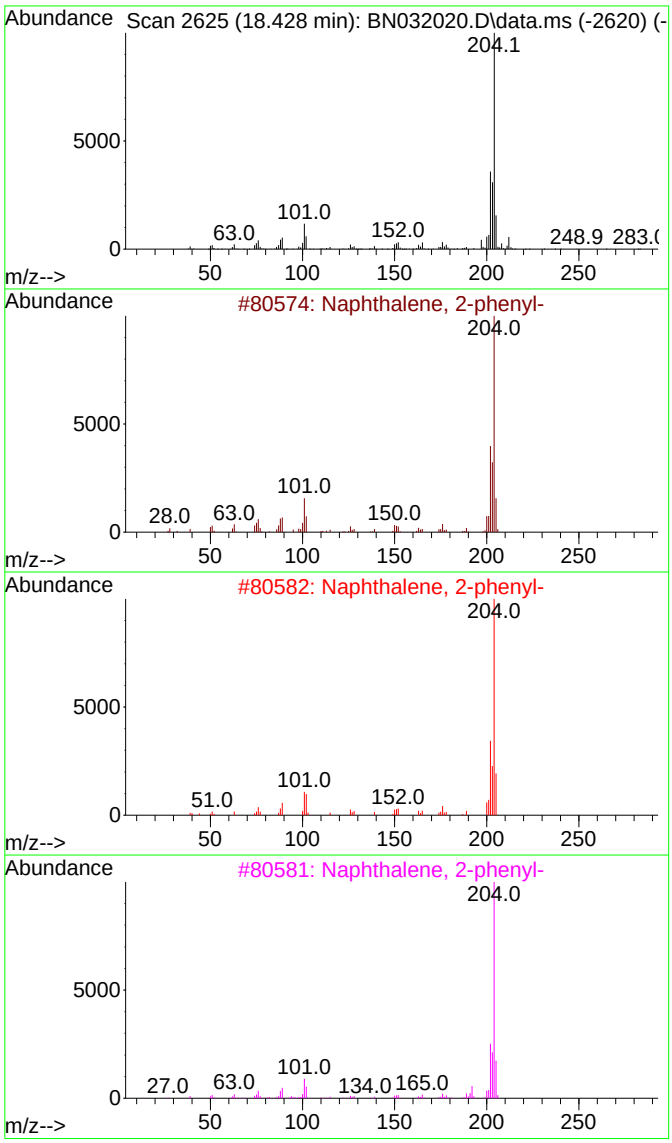
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

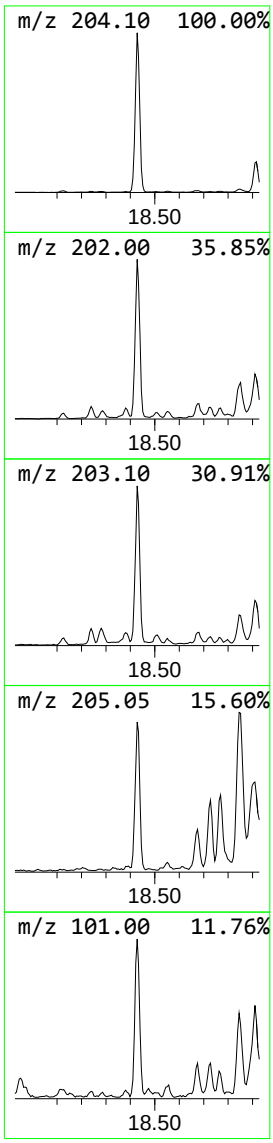
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	5.57 ng/ul	916144	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

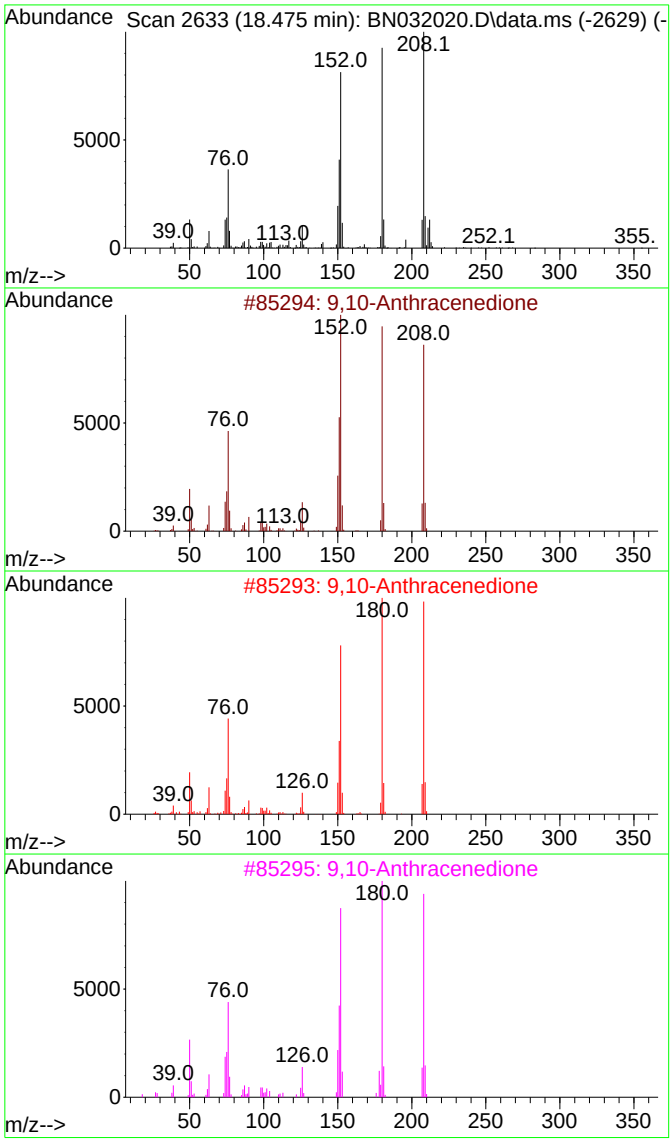
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

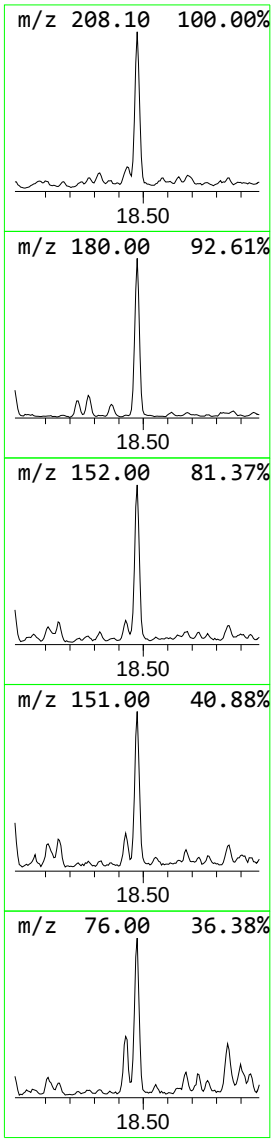
****

Peak Number 13 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	3.59 ng/ul	590958	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





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Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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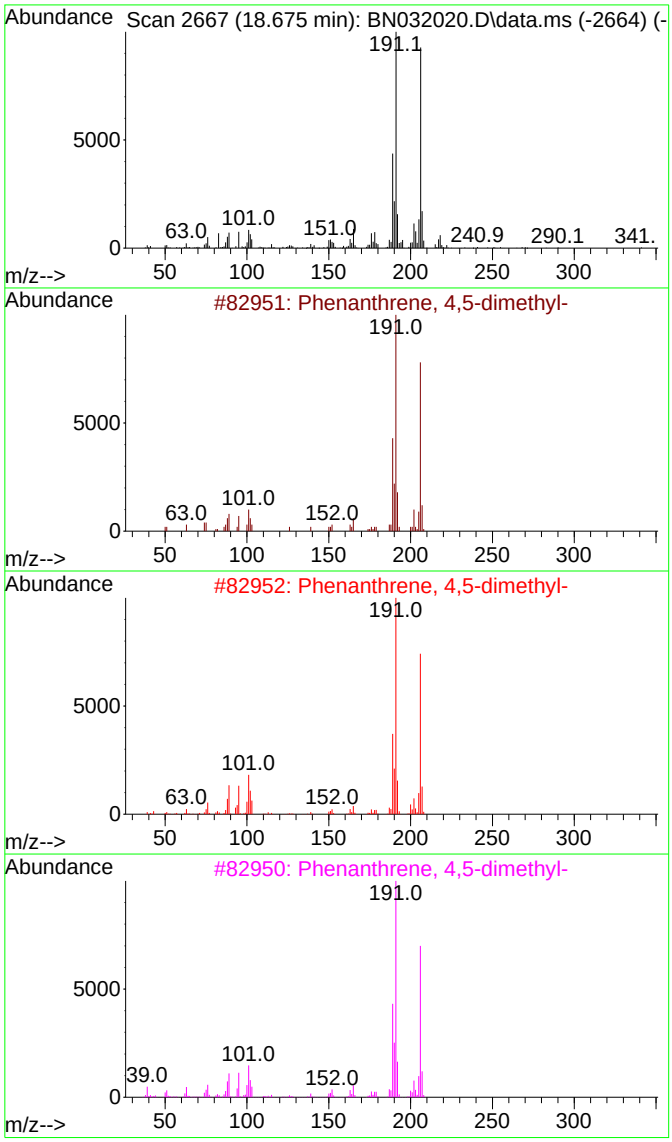
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

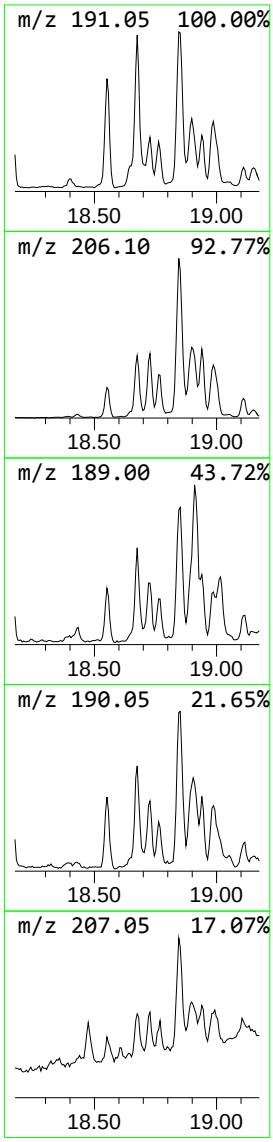
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	2.74 ng/ul	451400	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	98
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	97
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
5	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	90





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Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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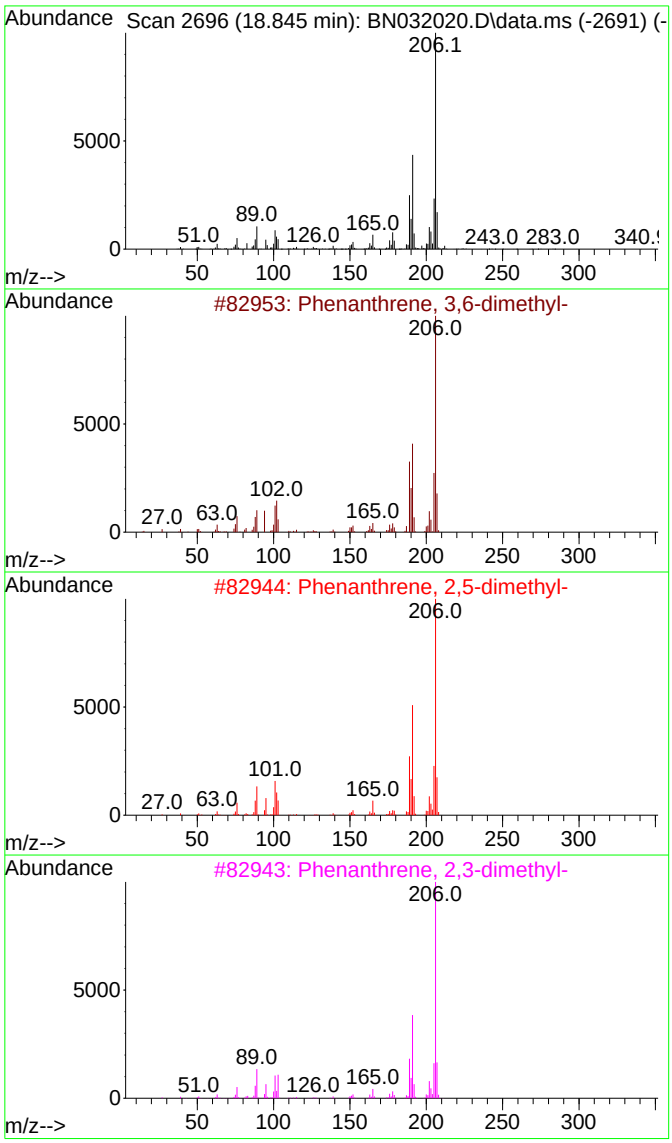
Quant Title : SVOA CALIBRATION

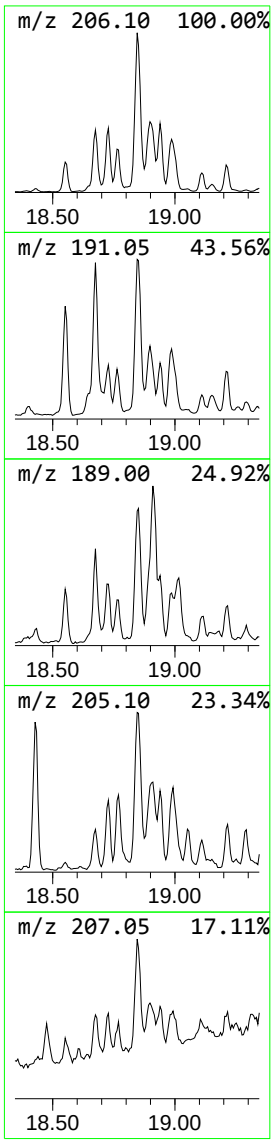
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.845	6.22 ng/ul	1024280	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

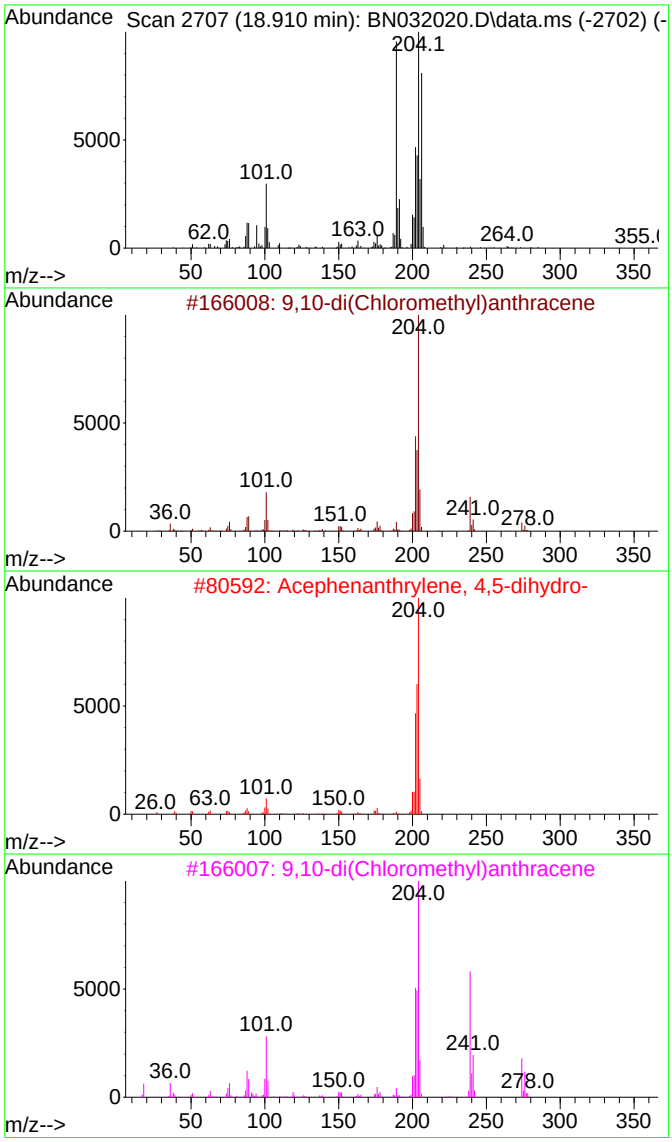
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

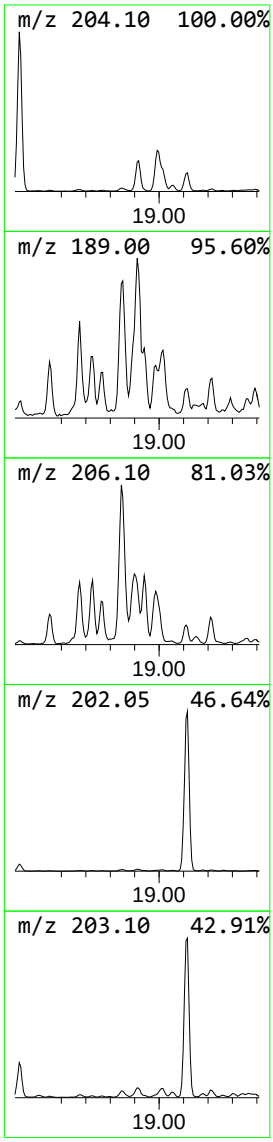
****

Peak Number 16 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	3.67 ng/ul	603632	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	35





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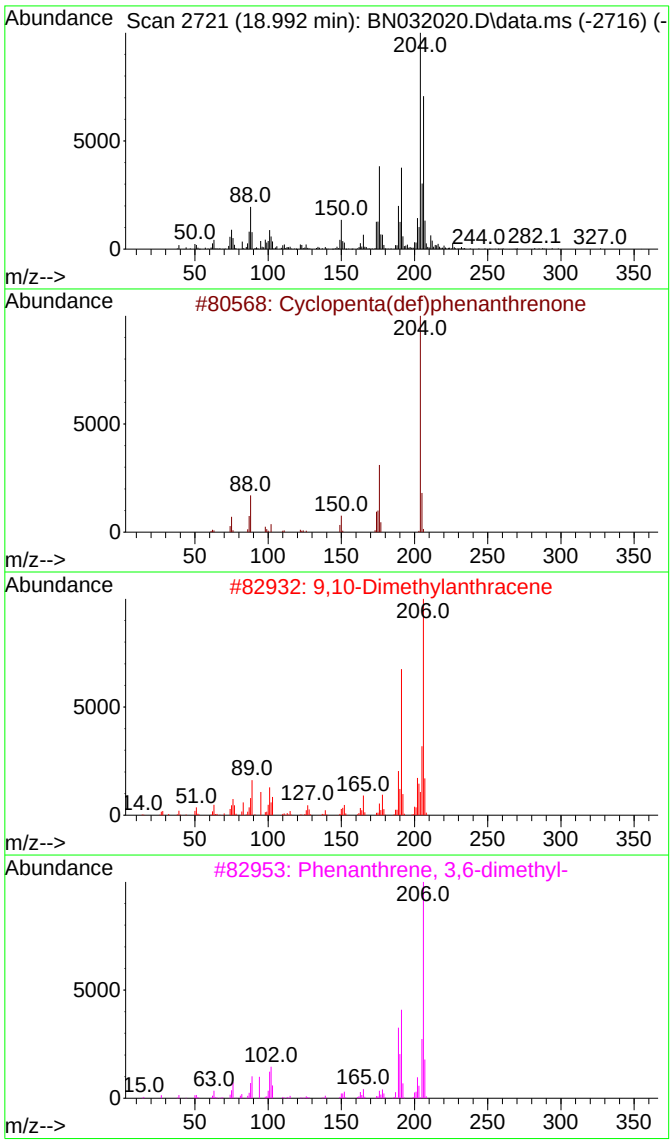
Quant Title : SVOA CALIBRATION

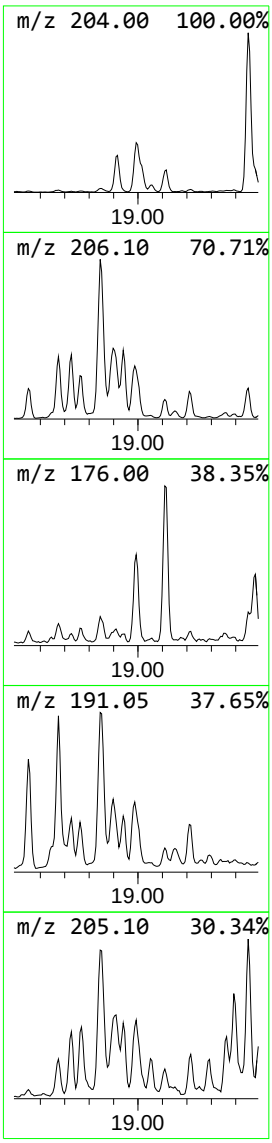
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	5.00 ng/ul	822519	Phenanthrene-d10	17.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	51
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	42
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	38





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

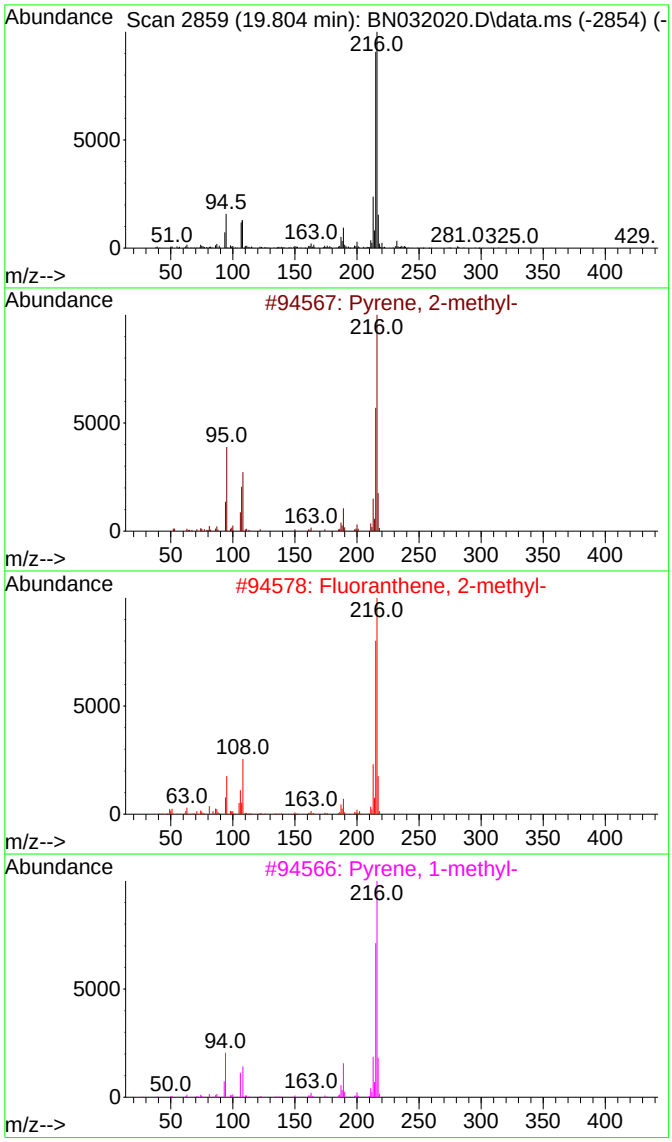
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

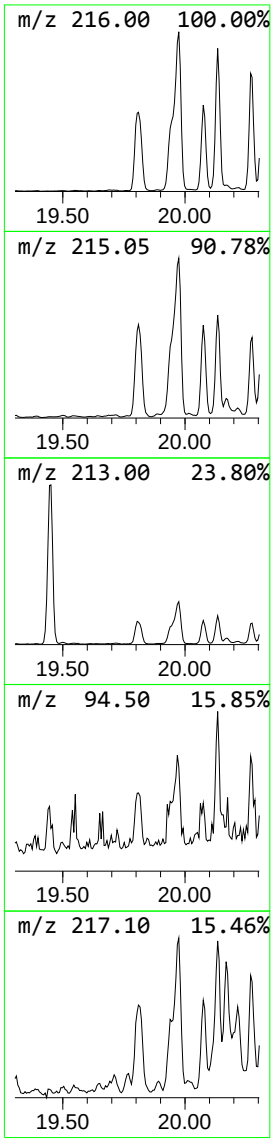
****

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	3.08 ng/ul	964103	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

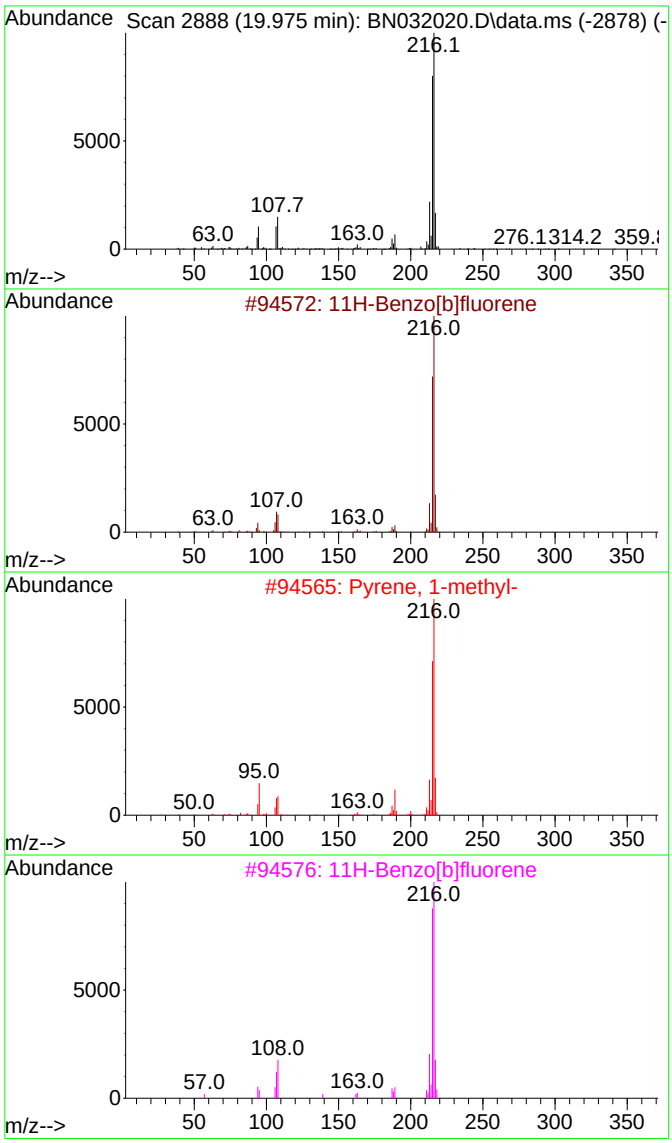
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

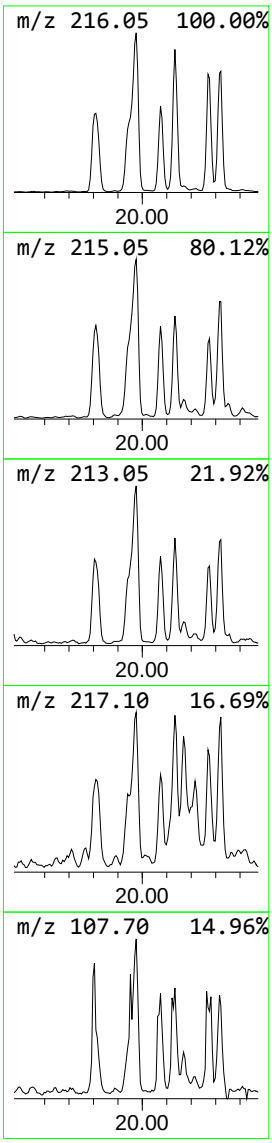
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	5.35 ng/ul	1675180	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

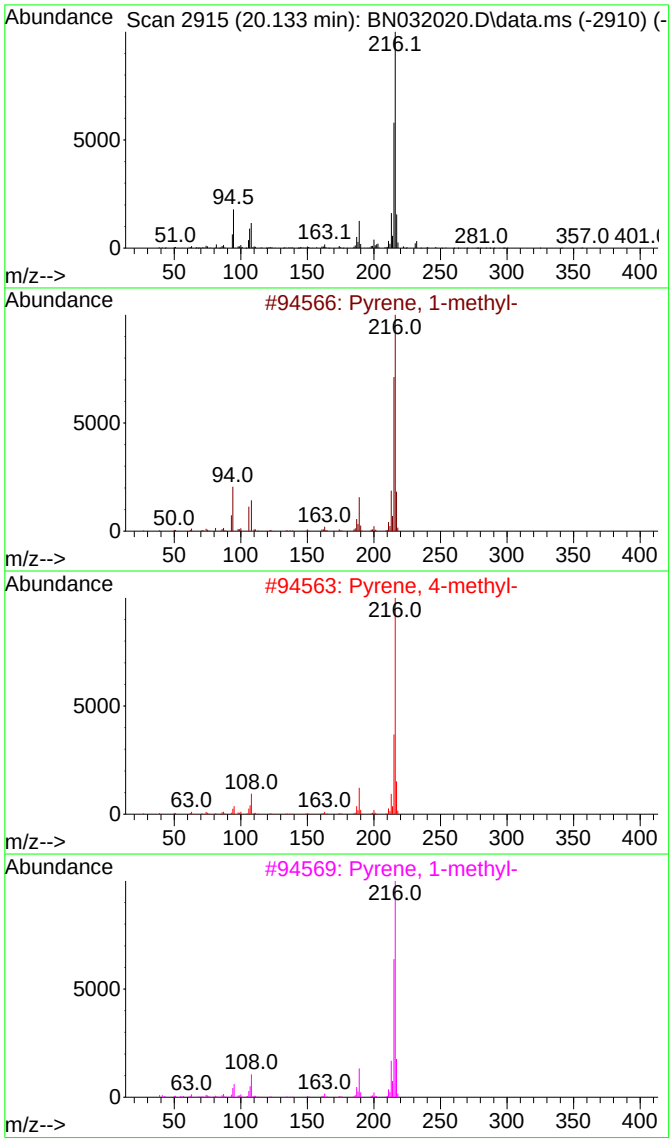
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

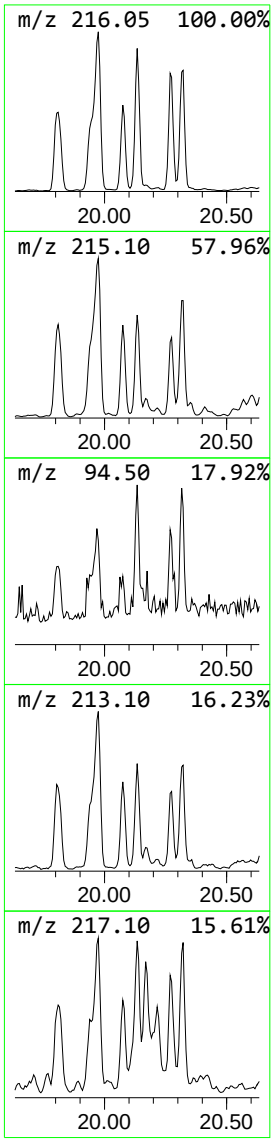
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.133	2.59 ng/ul	810403	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94





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Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

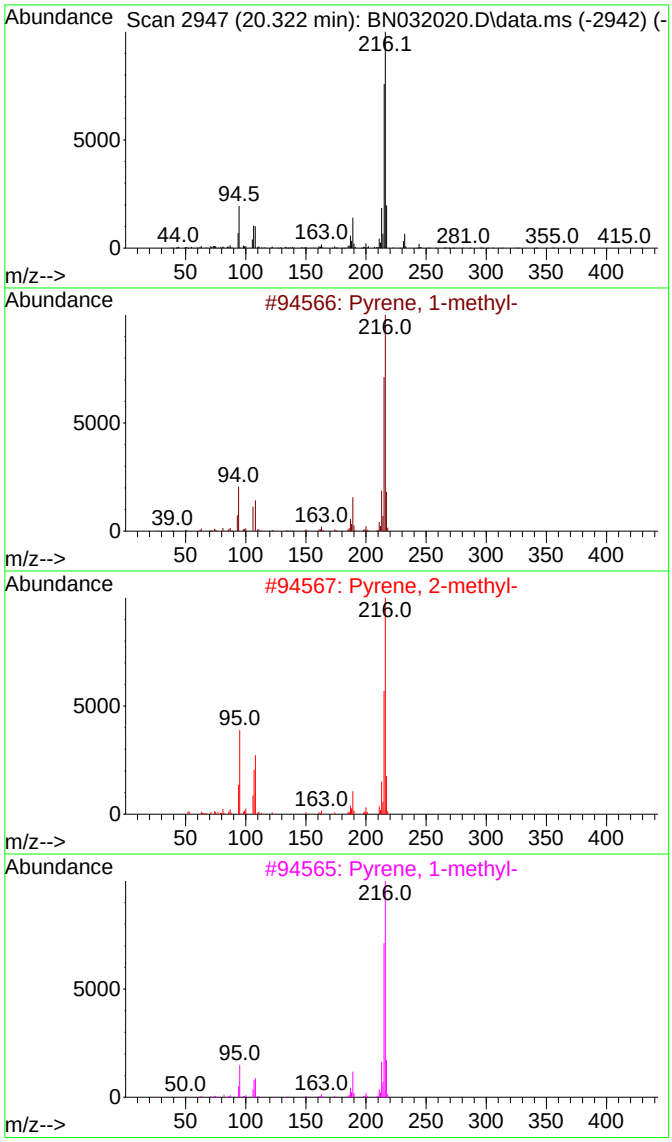
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

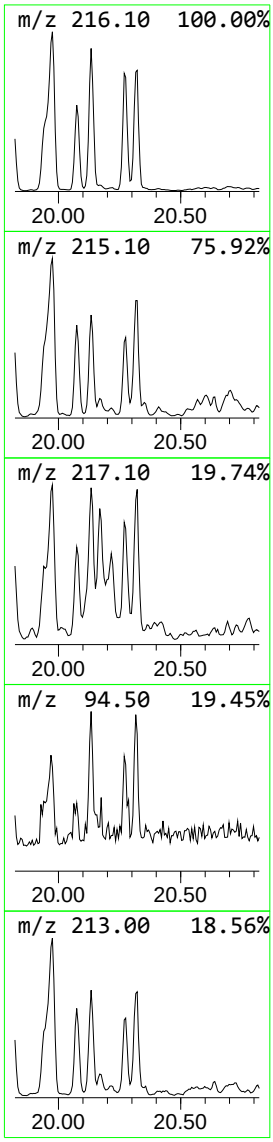
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.322	2.31 ng/ul	722381	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





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Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

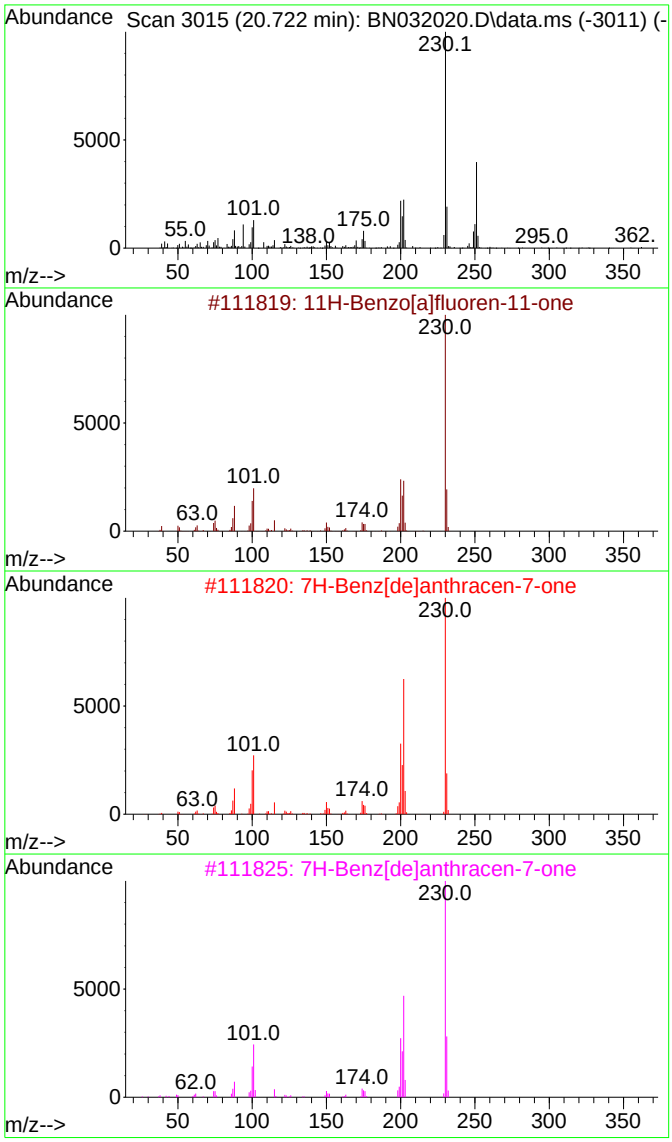
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

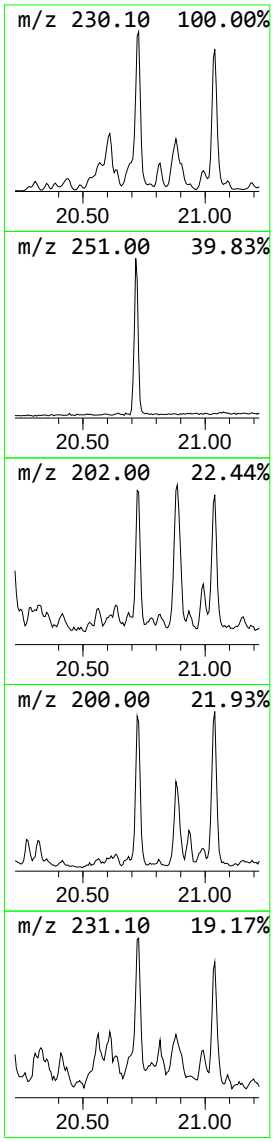
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.722	2.67 ng/ul	837081	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	43





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Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

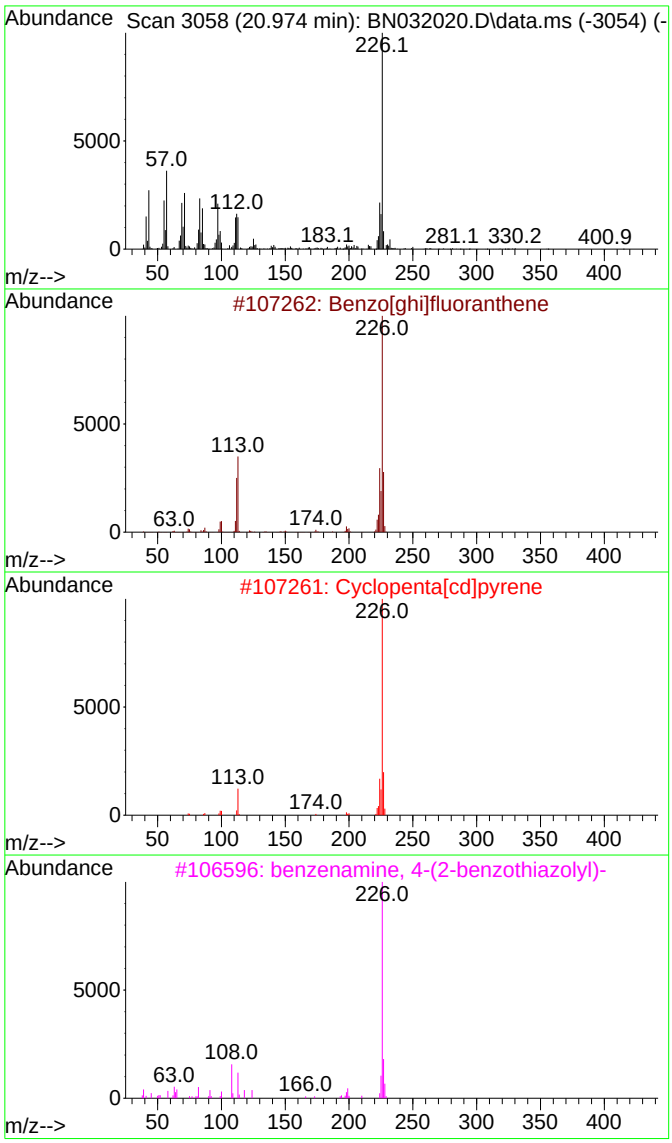
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

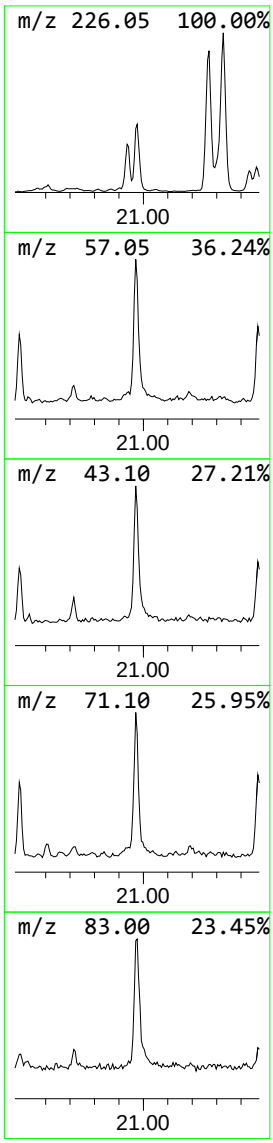
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[ghi]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	3.10 ng/ul	970811	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	43
4	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	28
5	Diheptylisobutylamine	269	C18H39N	1000310-32-0	25





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Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

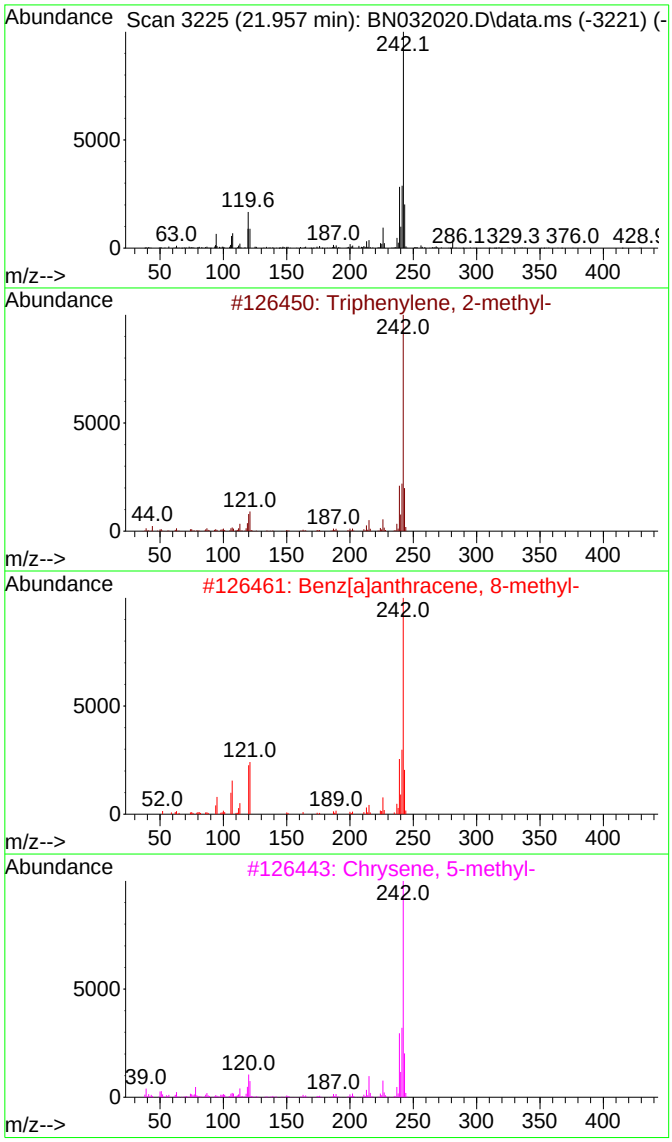
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

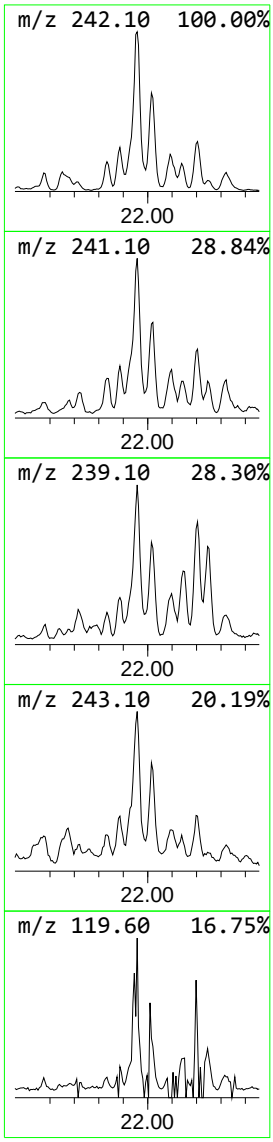
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Triphenylene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.957	2.00 ng/ul	627606	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032020.D
Acq On : 15 Jun 2024 04:21
Operator : MA/JU
Sample : P2696-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BJ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
unknown-01	4.787	2.7	ng/ul	222389	1	7.652	1655720	20.0
Anthracene, 1,2...	16.804	3.2	ng/ul	526996	4	17.051	3291010	20.0
Dibenzothiophene	16.869	3.6	ng/ul	587395	4	17.051	3291010	20.0
Dibenzothiophen...	17.628	2.5	ng/ul	407952	4	17.051	3291010	20.0
2-Methyldibenzo...	17.769	2.0	ng/ul	337947	4	17.051	3291010	20.0
Phenanthrene, 2...	17.922	10.0	ng/ul	1644870	4	17.051	3291010	20.0
Anthracene, 2-m...	17.969	13.3	ng/ul	2193130	4	17.051	3291010	20.0
1H-Cyclopropa[l...	18.051	3.1	ng/ul	505050	4	17.051	3291010	20.0
4H-Cyclopenta[d...	18.116	14.5	ng/ul	2382120	4	17.051	3291010	20.0
Phenanthrene, 1...	18.157	6.8	ng/ul	1112370	4	17.051	3291010	20.0
Naphthalene, 2-...	18.428	5.6	ng/ul	916144	4	17.051	3291010	20.0
9,10-Anthracene...	18.475	3.6	ng/ul	590958	4	17.051	3291010	20.0
Phenanthrene, 4...	18.675	2.7	ng/ul	451400	4	17.051	3291010	20.0
Phenanthrene, 3...	18.845	6.2	ng/ul	1024280	4	17.051	3291010	20.0
unknown-02	18.910	3.7	ng/ul	603632	4	17.051	3291010	20.0
Cyclopenta(def)...	18.992	5.0	ng/ul	822519	4	17.051	3291010	20.0
Pyrene, 2-methyl-	19.804	3.1	ng/ul	964103	5	21.286	6260580	20.0
11H-Benzo[b]flu...	19.974	5.3	ng/ul	1675180	5	21.286	6260580	20.0
Pyrene, 1-methyl-	20.133	2.6	ng/ul	810403	5	21.286	6260580	20.0
11H-Benzo[a]flu...	20.322	2.3	ng/ul	722381	5	21.286	6260580	20.0
11H-Benzo[a]flu...	20.722	2.7	ng/ul	837081	5	21.286	6260580	20.0
Benzo[ghi]fluor...	20.974	3.1	ng/ul	970811	5	21.286	6260580	20.0
Triphenylene, 2...	21.957	2.0	ng/ul	627606	5	21.286	6260580	20.0