LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43L7

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.628	88	92	103	rBV	71876	142960	1.97%	0.156%
2	6.810	626	633	650	rBV	279455	576101	7.94%	0.630%
3	6.975	655	661	671	rBV	235647	414111	5.71%	0.453%
4	7.157	685	692	701	rBV	296835	552636	7.61%	0.604%
5	7.622	764	771	783	rVB	341701	571484	7.87%	0.625%
6	8.328	884	891	904	rBV2	332051	668428	9.21%	0.730%
7	8.452	905	912	923	rVB	79249	148296	2.04%	0.162%
8	8.781	961	968	979	rBV	333244	610833	8.42%	0.668%
9	9.493	1082	1089	1103	rBV	284105	511114	7.04%	0.559%
10	10.034	1174	1181	1204	rVB	354334	754368	10.39%	0.824%
11	10.204	1204	1210	1231	rVB2	46910	148247	2.04%	0.162%
12	10.393	1235	1242	1248	rBV	480652	834103	11.49%	0.912%
13	10.557	1263	1270	1287	rBV	226412	542104	7.47%	0.592%
14	13.710	1793	1806	1811	rBV	861898	1357601	18.71%	1.484%
15	13.981	1845	1852	1855	rBV	901926	1457702	20.09%	1.593%
16	14.010	1855	1857	1868	rVV	523666	769919	10.61%	0.841%
17	14.292	1899	1905	1913	rVV	773671	1192997	16.44%	1.304%
18	14.563	1946	1951	1959	rVB2	126691	283432	3.91%	0.310%
19	14.928	2006	2013	2021	rBV3	75567	200803	2.77%	0.219%
20	15.081	2036	2039	2046	rBV5	48773	94094	1.30%	0.103%
21	15.192	2053	2058	2066	rVB	98281	156761	2.16%	0.171%
22	15.322	2074	2080	2086	rVV	1230833	1842846	25.39%	2.014%
23	15.398	2090	2093	2100	rVV2	64033	118438	1.63%	0.129%
24	15.469	2100	2105	2117	rVV	260894	494324	6.81%	0.540%
25	15.592	2121	2126	2134	rVB4	93184	187753	2.59%	0.205%
26	16.092	2203	2211	2218	rBV3	225828	516008	7.11%	0.564%
27	16.210	2228	2231	2235	rVV	62994	90842	1.25%	0.099%
28	16.416	2259	2266	2270	rBV4	64940	162461	2.24%	0.178%
29	16.686	2310	2312	2324	rVB5	78874	162399	2.24%	0.177%
30	16.780	2324	2328	2336	rBV3	74872	157237	2.17%	0.172%
31	16.945	2351	2356	2365	rVB2	269064	421445	5.81%	0.461%
32	17.133	2382	2388	2391	rBV	985754	1466111	20.20%	1.602%
33	17.175	2391	2395	2400	rVB	347097	473314	6.52%	0.517%
34	17.239	2400	2406	2409	rBV	1234876	1977008	27.24%	2.161%
35	17.275	2409	2412	2416	rVB	287589	398289	5.49%	0.435%
36	17.322	2417	2420	2421	rBV	109937	116646	1.61%	0.127%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43L7

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	17.580	2456	2464	2469	rBV6	146356	417511	5.75%	0.456%
38	17.675	2477	2480	2484	rVV	92640	127305	1.75%	0.139%
39	17.733	2486	2490	2499	rVB	189079	372356	5.13%	0.407%
40	17.880	2511	2515	2522	rVB	118451	214605	2.96%	0.235%
41	18.045	2538	2543	2546	rBV	354335	531733	7.33%	0.581%
42	18.092	2546	2551	2559	rVB2	776067	1339350	18.45%	1.464%
43	18.180	2562	2566	2570	rVV2	302042	437750	6.03%	0.478%
44	18.239	2571	2576	2581	rVV2	812712	1550042	21.36%	1.694%
45	18.280	2581	2583	2591	rVB2	341846	479054	6.60%	0.524%
46	18.386	2598	2601	2605	rBV4	86586	133734	1.84%	0.146%
47	18.463	2609	2614	2618	rVB2	231738	377008	5.19%	0.412%
48	18.569	2626	2632	2635	rBV3	253166	472234	6.51%	0.516%
49	18.622	2638	2641	2646	rVB2	290295	402496	5.55%	0.440%
50	18.798	2666	2671	2673	rBV	248949	344499	4.75%	0.376%
51	18.827	2673	2676	2680	rVV	230713	281110	3.87%	0.307%
52	18.880	2681	2685	2688	rVV	563527	639685	8.81%	0.699%
53	18.922	2688	2692	2696	rVB2	531957	735609	10.14%	0.804%
54	19.004	2700	2706	2711	rBV	1278518	2335511	32.18%	2.552%
55	19.063	2711	2716	2721	rBV2	674652	1125138	15.50%	1.230%
56	19.110	2721	2724	2727	rVB	372154	426451	5.88%	0.466%
57	19.163	2727	2733	2738	rBV4	593934	1319493	18.18%	1.442%
58	19.280	2748	2753	2760	rBV	2728063	3682008	50.73%	4.024%
59	19.357	2761	2766	2770	rBV3	339459	634474	8.74%	0.693%
60	19.445	2777	2781	2785	rVB2	350302	528775	7.29%	0.578%
61	19.533	2793	2796	2800	rVB2	344658	428391	5.90%	0.468%
62	19.569	2800	2802	2807	rVB2	322344	391688	5.40%	0.428%
63	19.627	2807	2812	2814	rBV2	1831339	2507405	34.55%	2.740%
64	19.663	2814	2818	2828	rVB	4470141	7257602	100.00%	7.931%
65	19.751	2828	2833	2839	rBV2	702595	1256342	17.31%	1.373%
66	19.804	2839	2842	2844	rBV3	166934	222730	3.07%	0.243%
67	19.845	2845	2849	2851	rBV	246994	316330	4.36%	0.346%
68	19.910	2857	2860	2866	rVB2	506732	830124	11.44%	0.907%
69	20.004	2871	2876	2888	rVB2	846729	2089126	28.79%	2.283%
70	20.104	2888	2893	2897	rBV2	361807	670372	9.24%	0.733%
71	20.157	2897	2902	2905	rVV3	777253	1520241	20.95%	1.661%
72	20.192	2905	2908	2912	rVB2	997490	1461676	20.14%	1.597%
73	20.263	2917	2920	2922	rBV3	244694	294923	4.06%	0.322%
74	20.292	2922	2925	2929	rVV	609368	744075	10.25%	0.813%
75	20.351	2930	2935	2941	rVB	1286823	1868189	25.74%	2.042%
76	20.504	2956	2961	2965	rBV	1016639	1392588	19.19%	1.522%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43L7

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	20.557	2965	2970	2973	rVV	970047	1238959	17.07%	1.354%
78	20.674	2987	2990	2995	rVB4	247235	368310	5.07%	0.403%
79	20.998	3042	3045	3051	rVB2	597712	872760	12.03%	0.954%
80	21.080	3056	3059	3064	rVB	316352	462025	6.37%	0.505%
81	21.174	3072	3075	3081	rVB2	496965	883130	12.17%	0.965%
82	21.227	3081	3084	3088	rVB	348705	467856	6.45%	0.511%
83	21.274	3088	3092	3094	rBV	215578	303604	4.18%	0.332%
84	21.604	3142	3148	3156	rBV2	2279291	5576164	76.83%	6.094%
85	21.680	3156	3161	3169	rVB	1943079	3413875	47.04%	3.731%
86	21.780	3175	3178	3182	rVB2	327868	437083	6.02%	0.478%
87	21.904	3196	3199	3210	rVB5	295412	721327	9.94%	0.788%
88	22.115	3231	3235	3242	rVB3	297309	480049	6.61%	0.525%
89	22.245	3252	3257	3263	rVB4	187007	375731	5.18%	0.411%
90	22.315	3265	3269	3273	rBV2	166196	292565	4.03%	0.320%
91	22.392	3278	3282	3289	rVV	910581	1813134	24.98%	1.981%
92	22.463	3289	3294	3301	rVB	489216	885259	12.20%	0.967%
93	22.663	3324	3328	3333	rBV	409081	638303	8.79%	0.698%
94	23.915	3534	3541	3542	rBV	696034	1300101	17.91%	1.421%
95	24.662	3660	3668	3674	rBV	653583	1715613	23.64%	1.875%
96	24.739	3675	3681	3687	rVV2	610540	1769299	24.38%	1.934%
97	24.815	3687	3694	3708	rVB	987947	3053652	42.08%	3.337%
98	24.980	3715	3722	3730	rBV	447951	1104016	15.21%	1.207%
99	25.062	3730	3736	3737	rBV2	155935	293607	4.05%	0.321%
100	28.768	4360	4366	4368	rBV	151120	304702	4.20%	0.333%

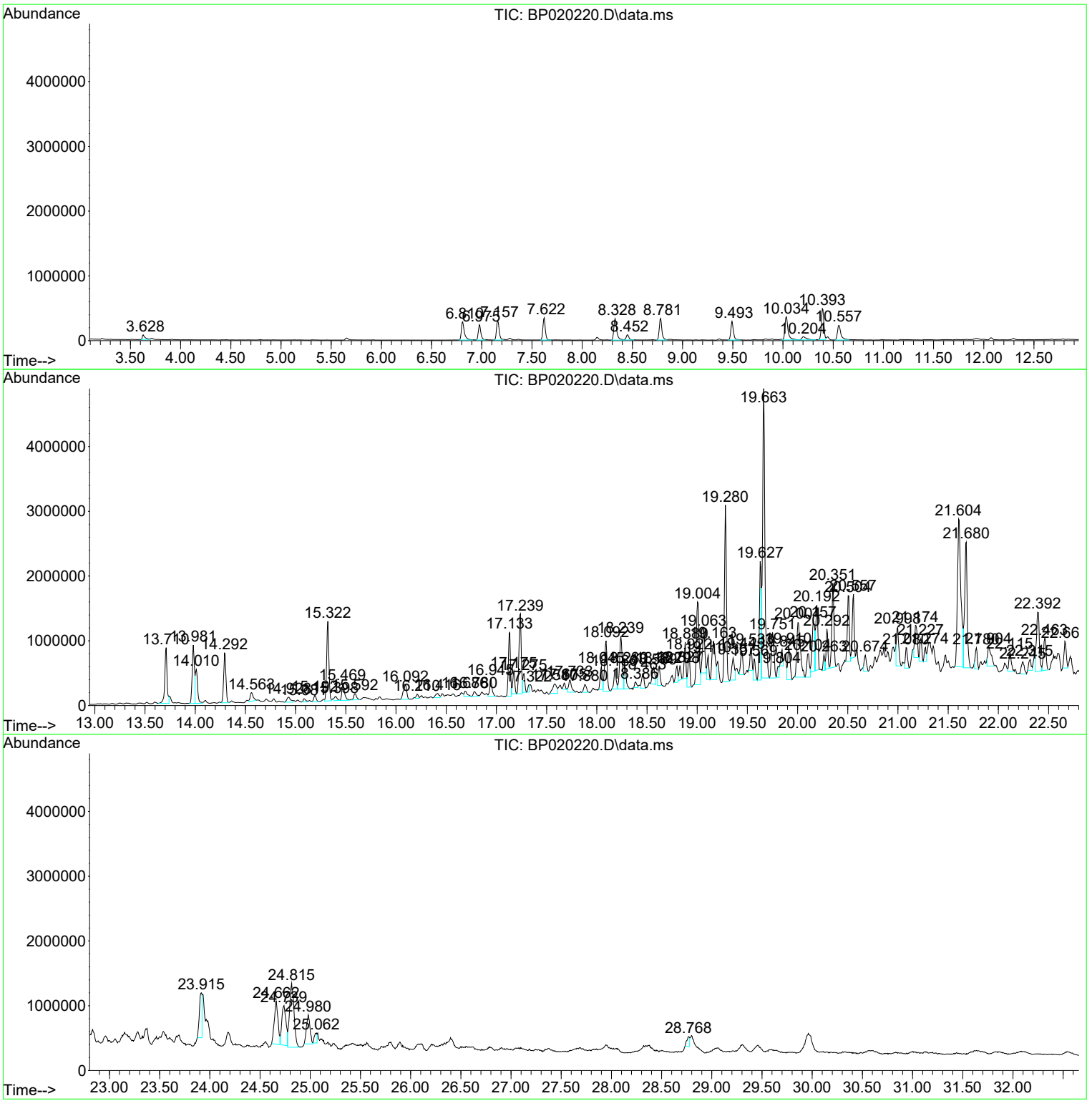
Sum of corrected areas: 91504072

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

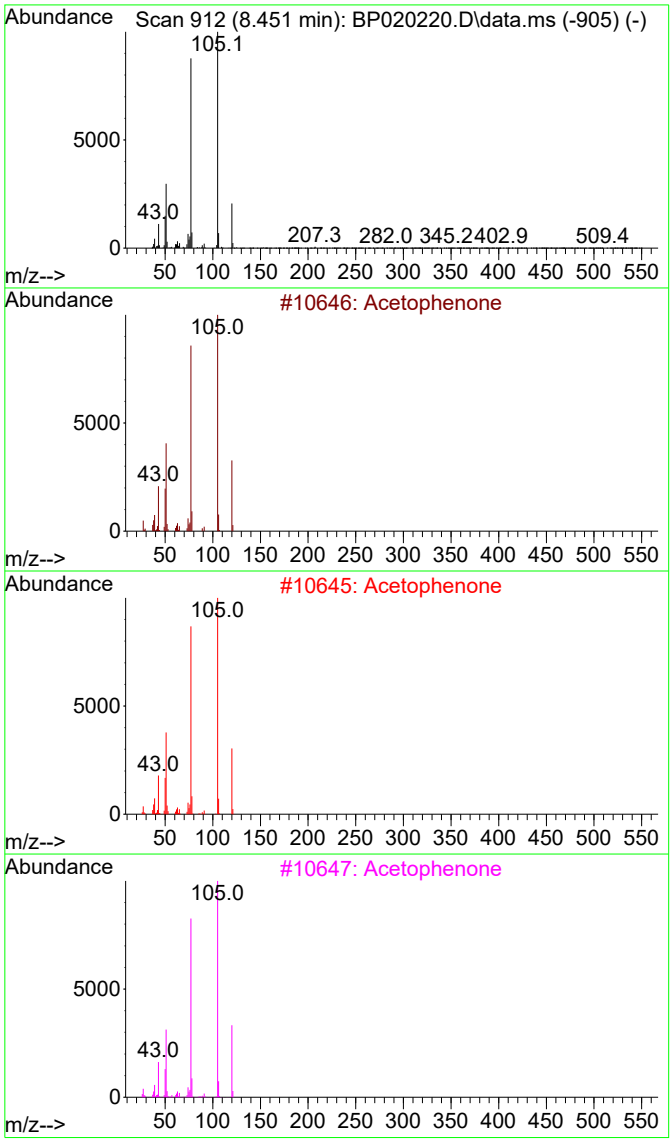
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

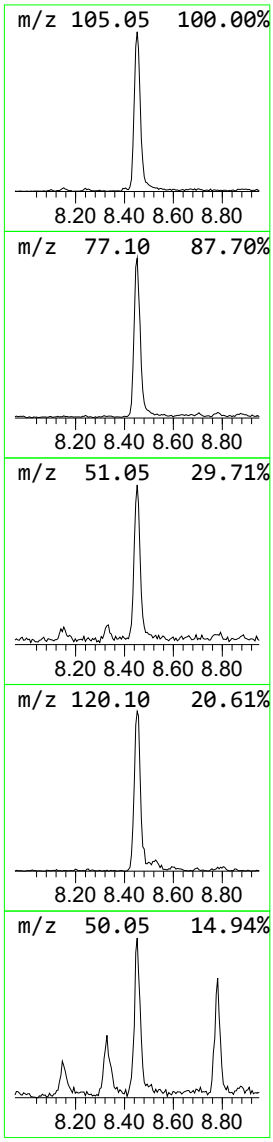
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	5.19 ng/ul	148296	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	95
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	94
4	Acetophenone	120	C8H8O	000098-86-2	94
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

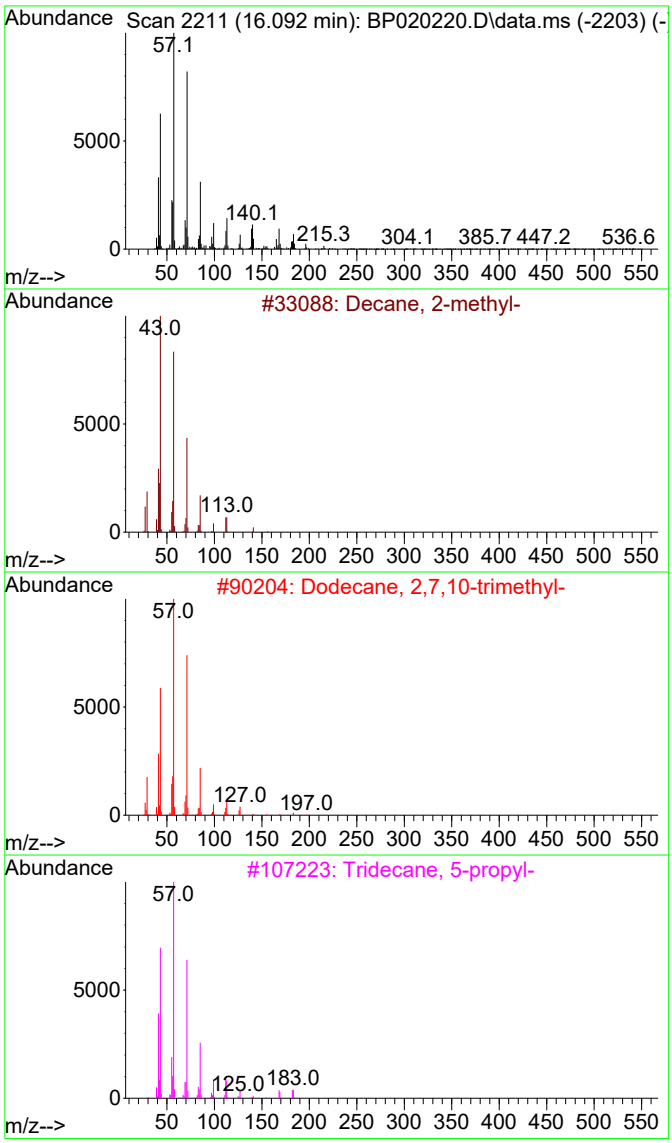
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

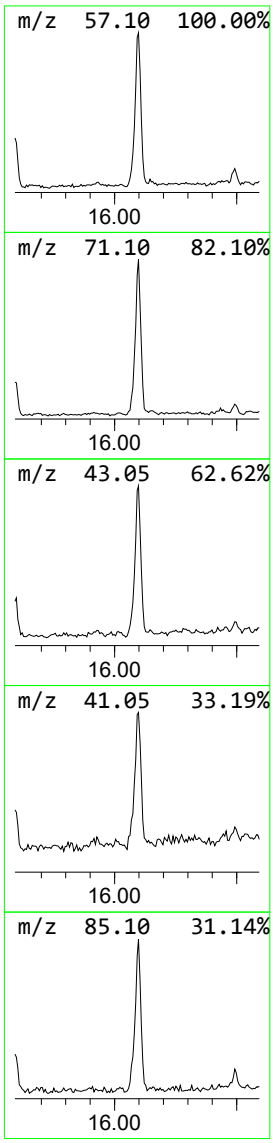
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	7.04 ng/ul	516008	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	81
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	68
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

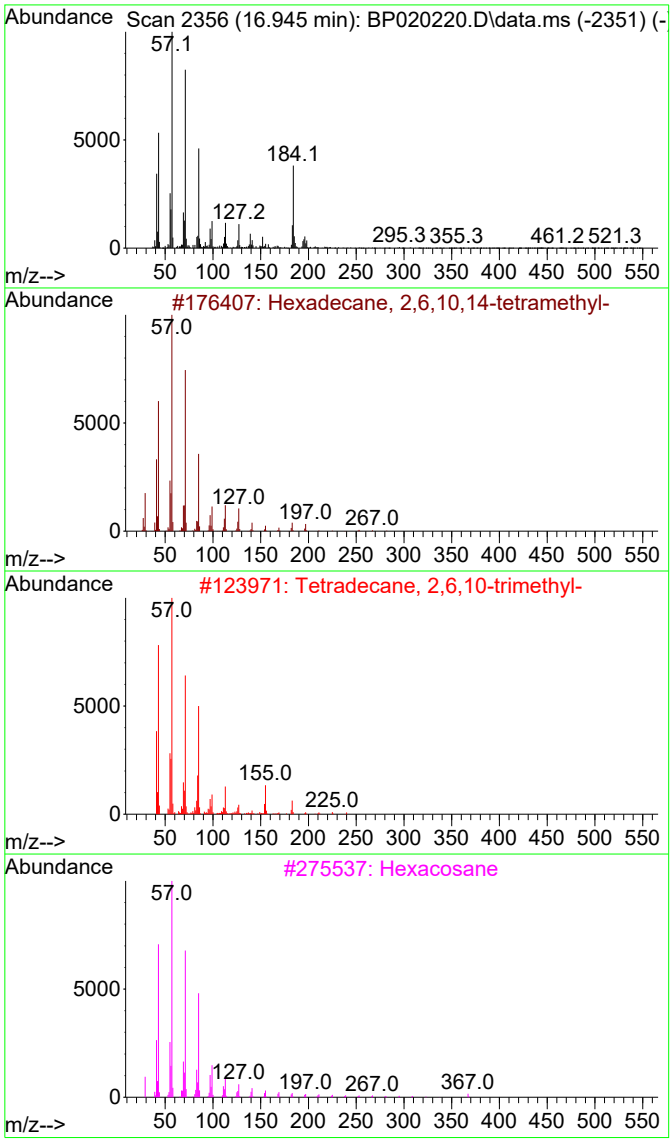
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

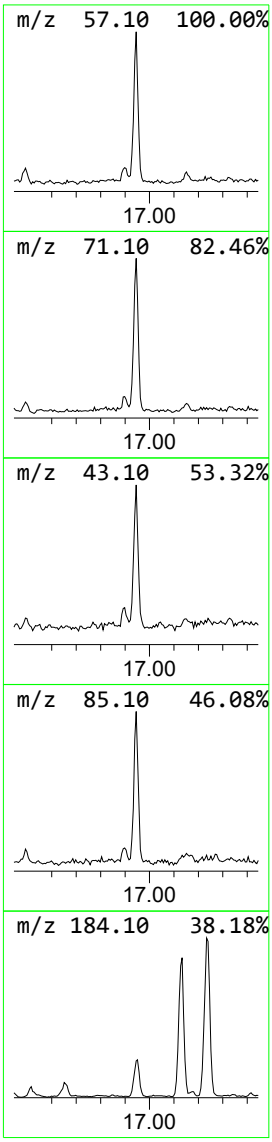
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	5.75 ng/ul	421445	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3	Hexacosane	366	C26H54	000630-01-3	62
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
5	Heneicosane	296	C21H44	000629-94-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

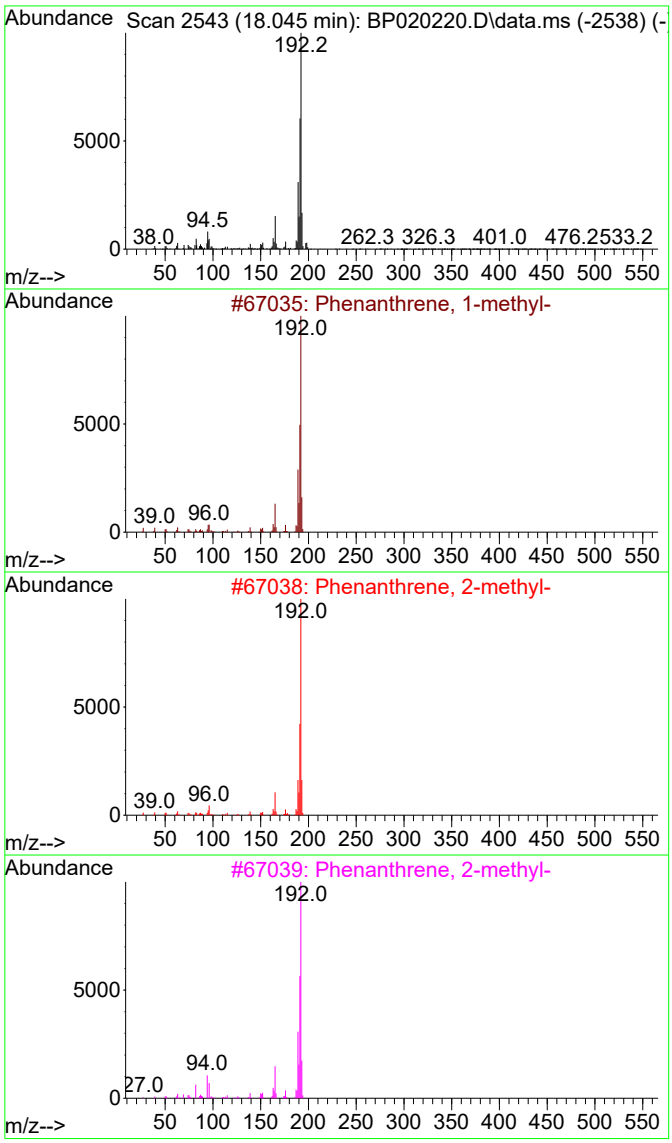
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

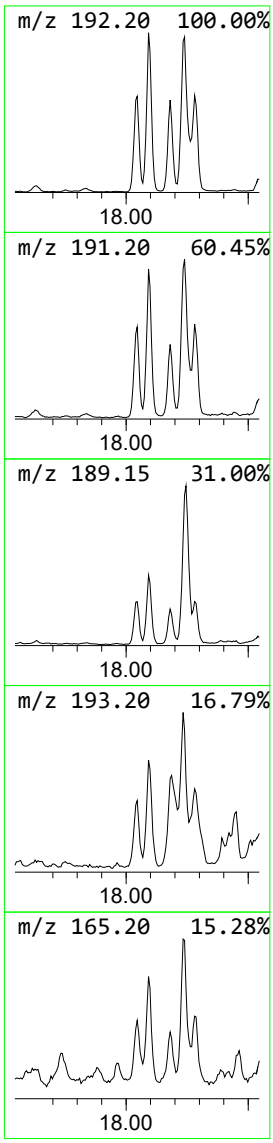
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	7.25 ng/ul	531733	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

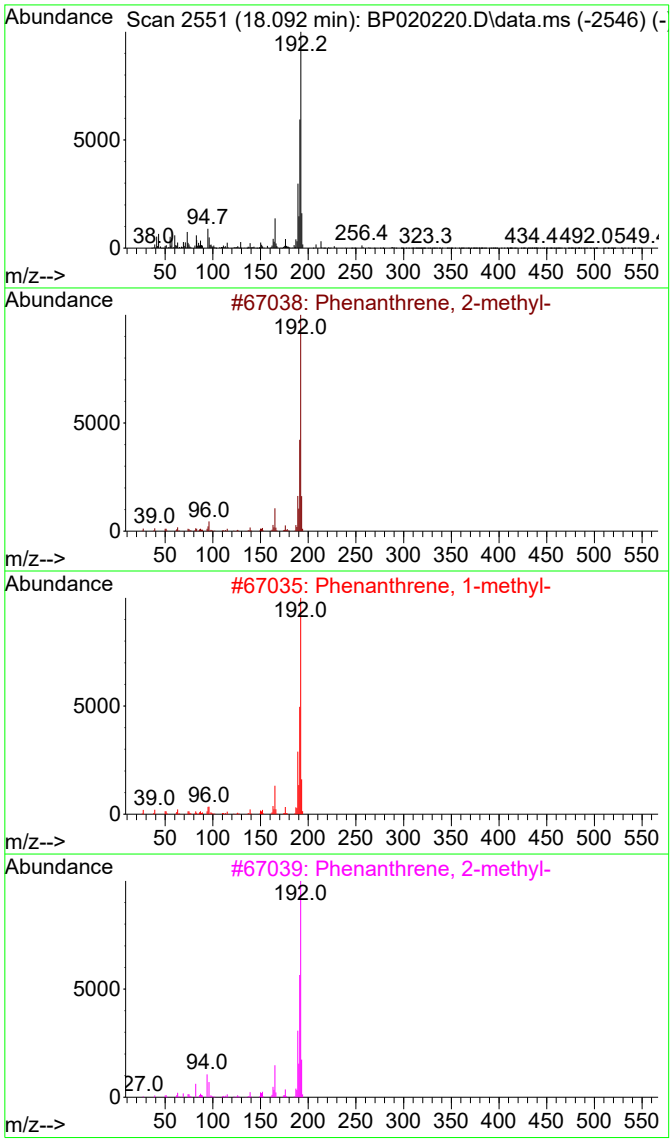
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

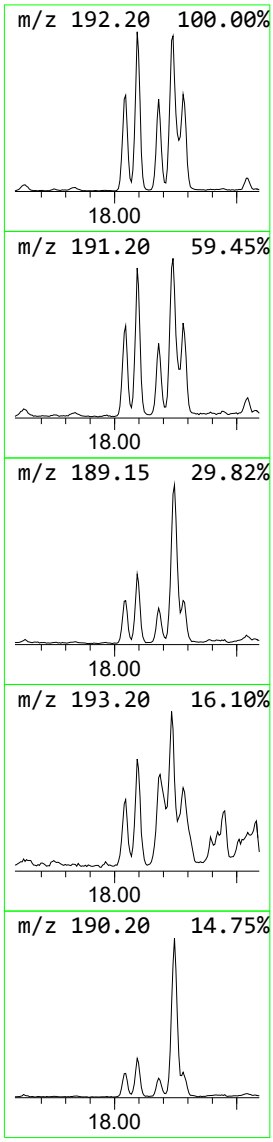
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	18.27 ng/ul	1339350	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

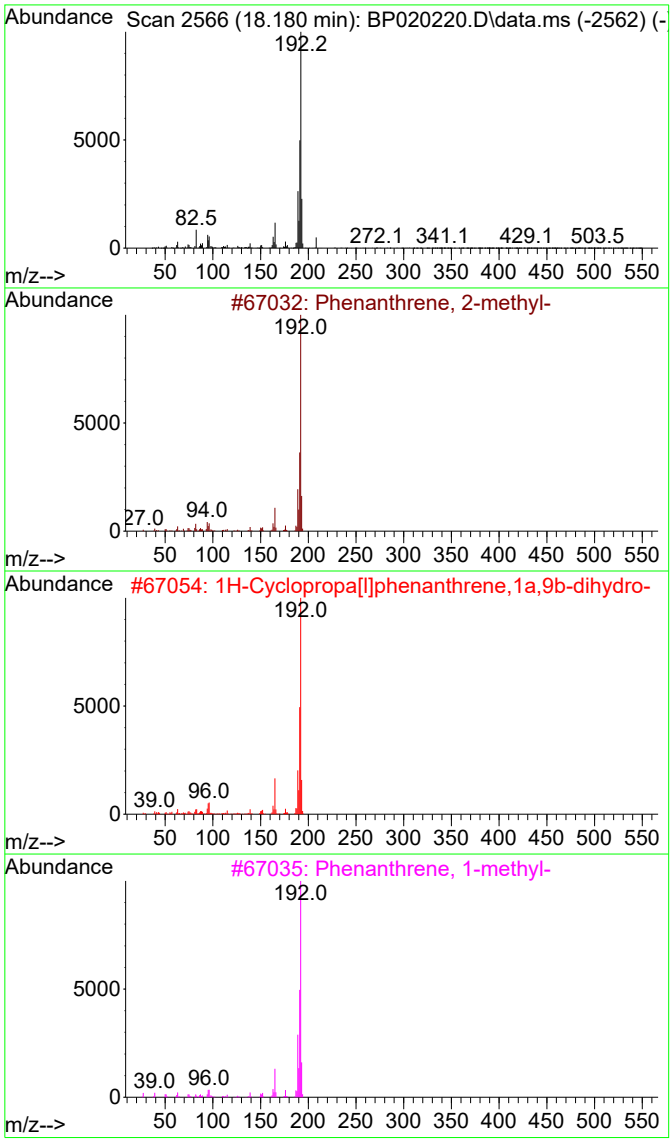
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

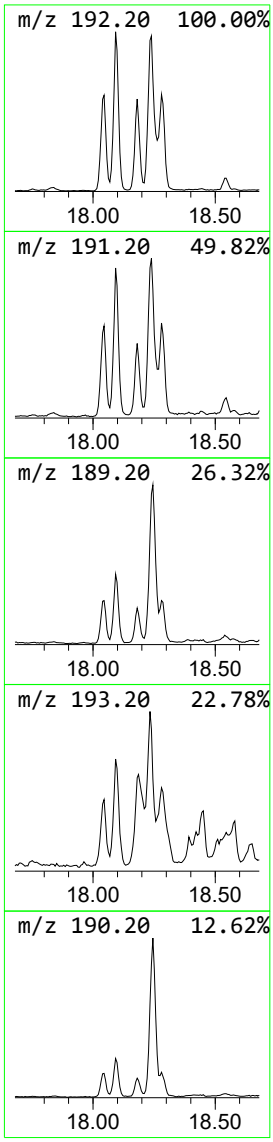
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	5.97 ng/ul	437750	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

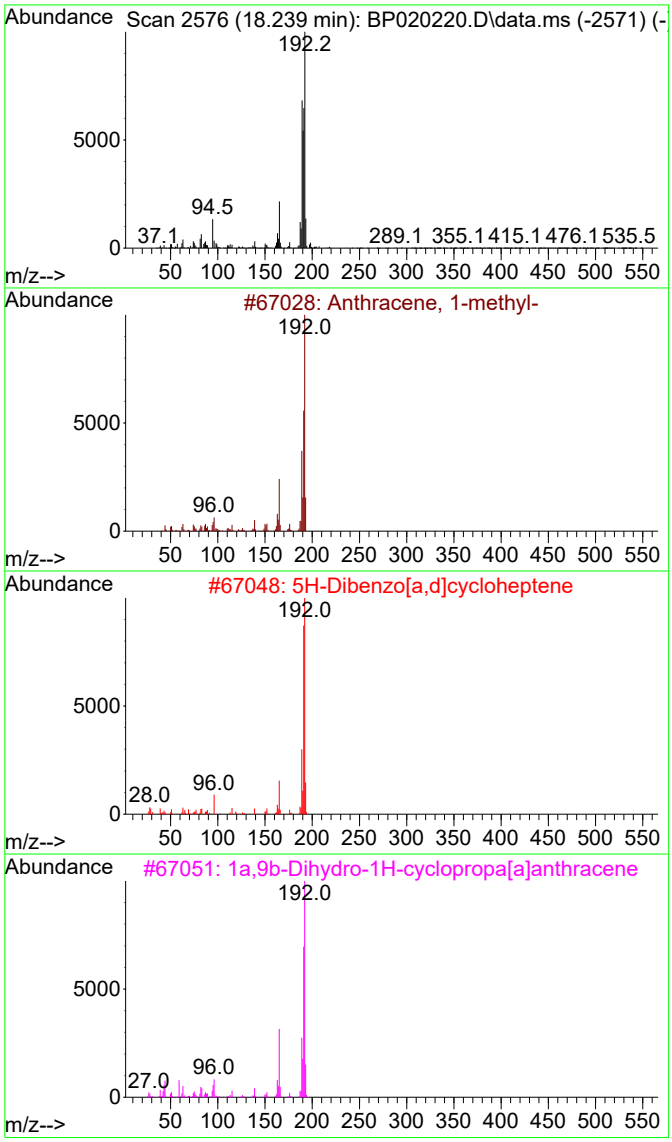
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

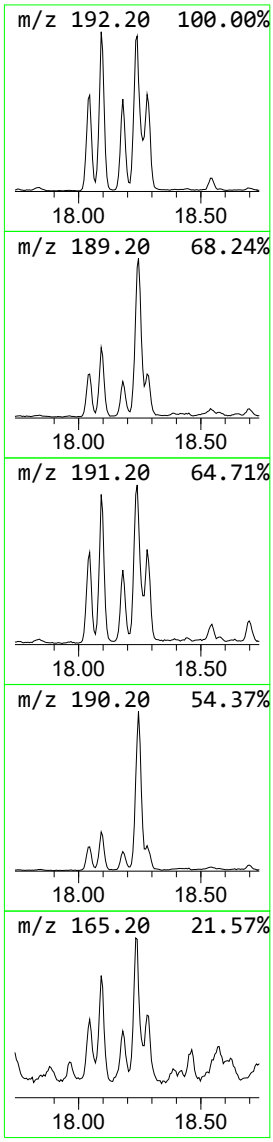
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	21.14 ng/ul	1550040	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	60
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

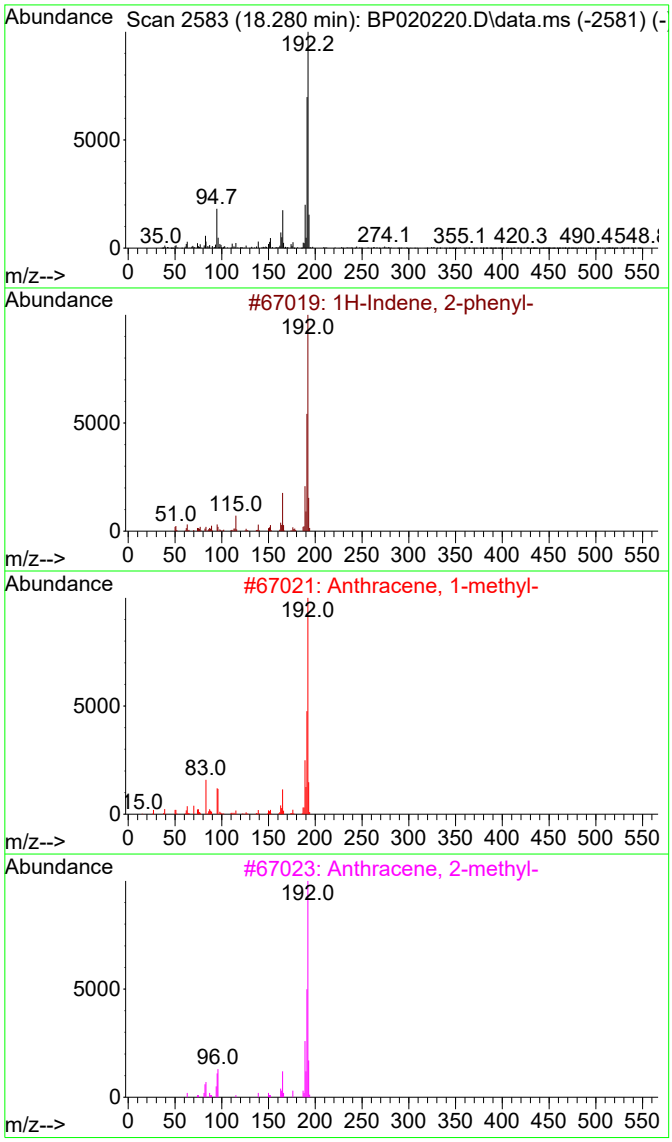
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

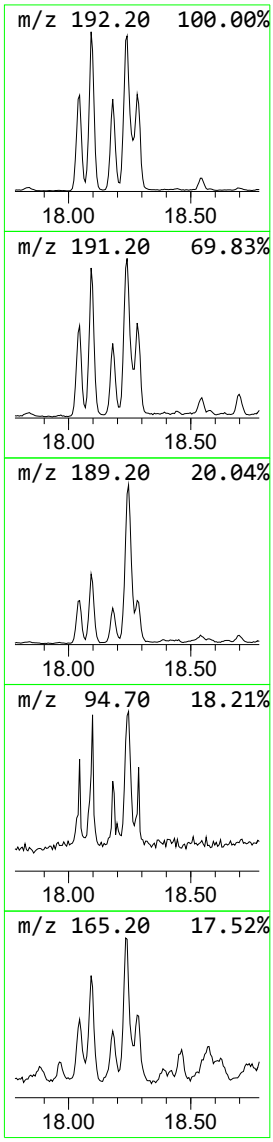
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	6.54 ng/ul	479054	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

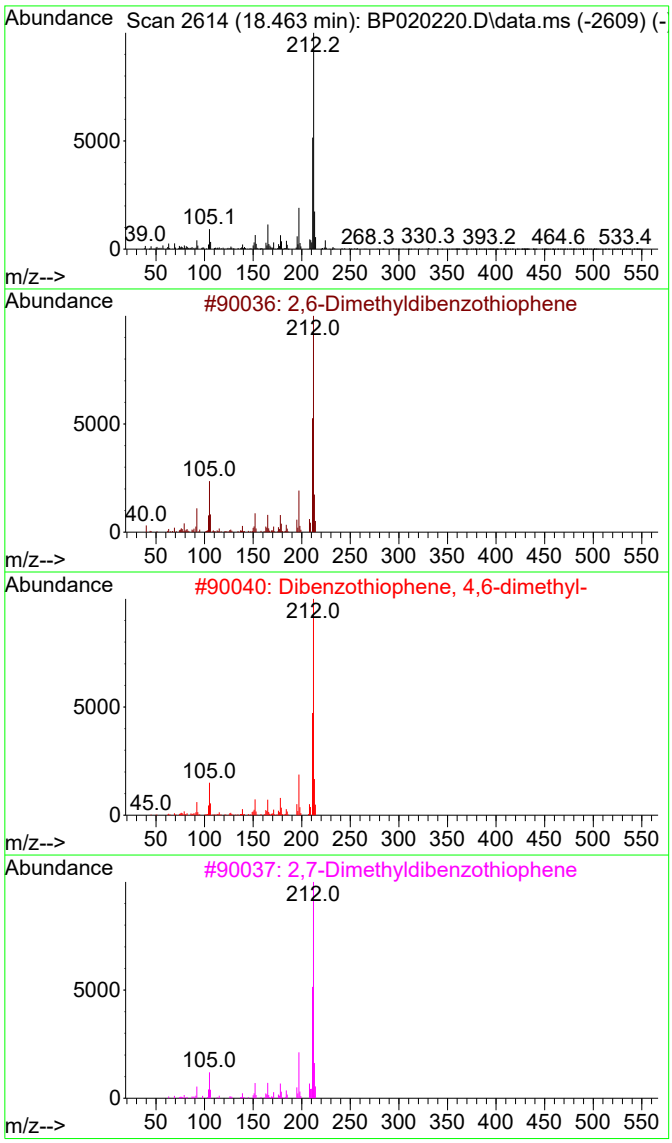
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

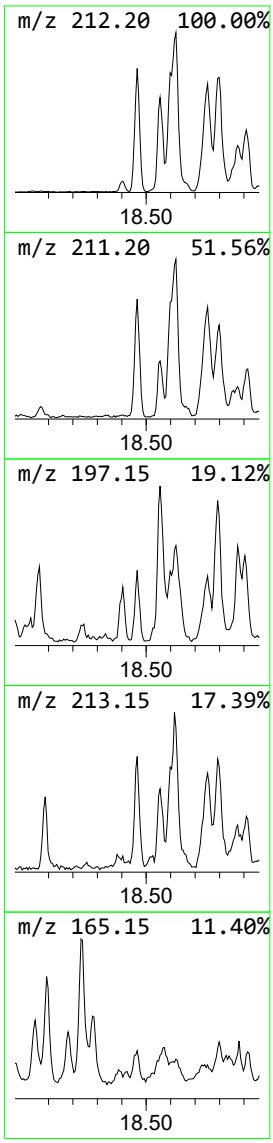
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,6-Dimethyldibenzothiophene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	5.14 ng/ul	377008	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	96
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	95
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	93
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	90
5	Pinosylvin	212	C14H12O2	022139-77-1	87





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

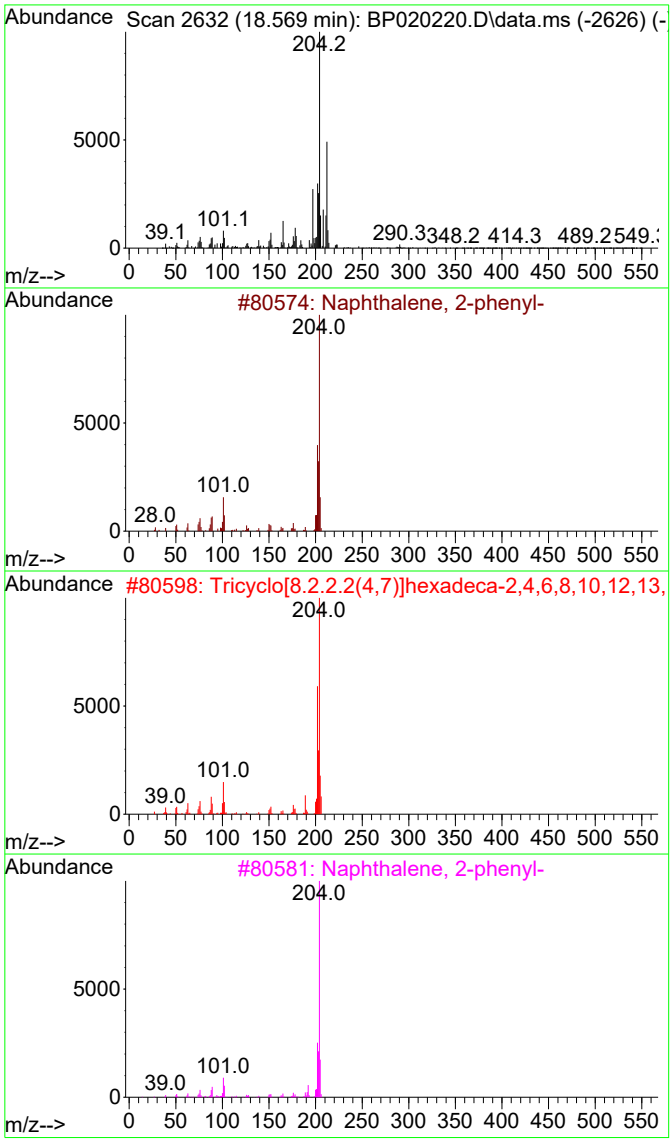
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

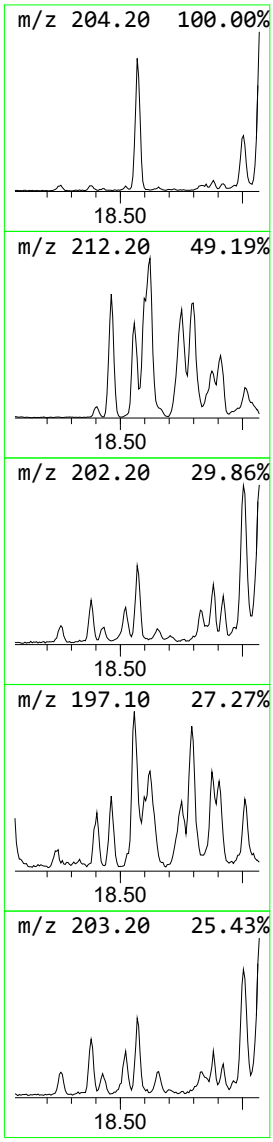
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	6.44 ng/ul	472234	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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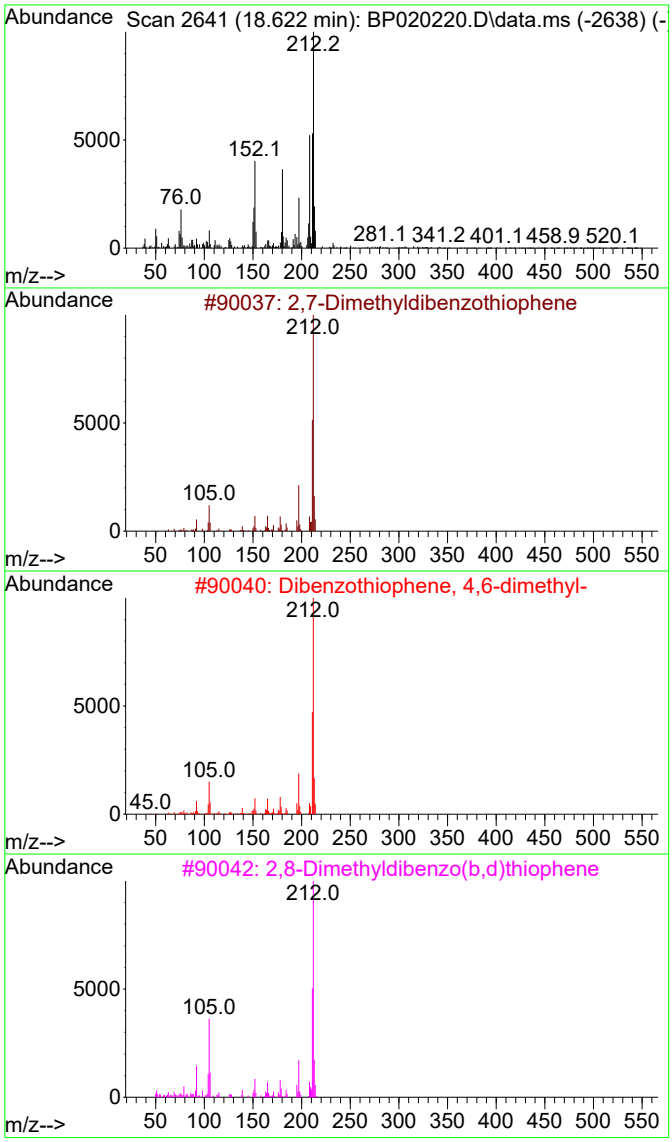
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

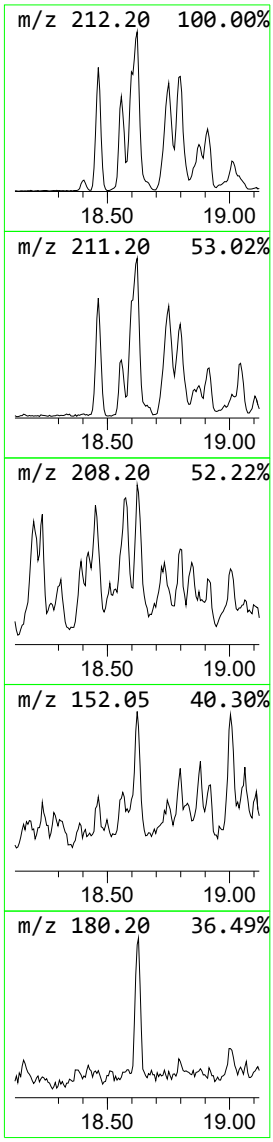
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,7-Dimethyldibenzothiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	5.49 ng/ul	402496	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	53
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	49
3	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	47
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	47
5	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	46





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

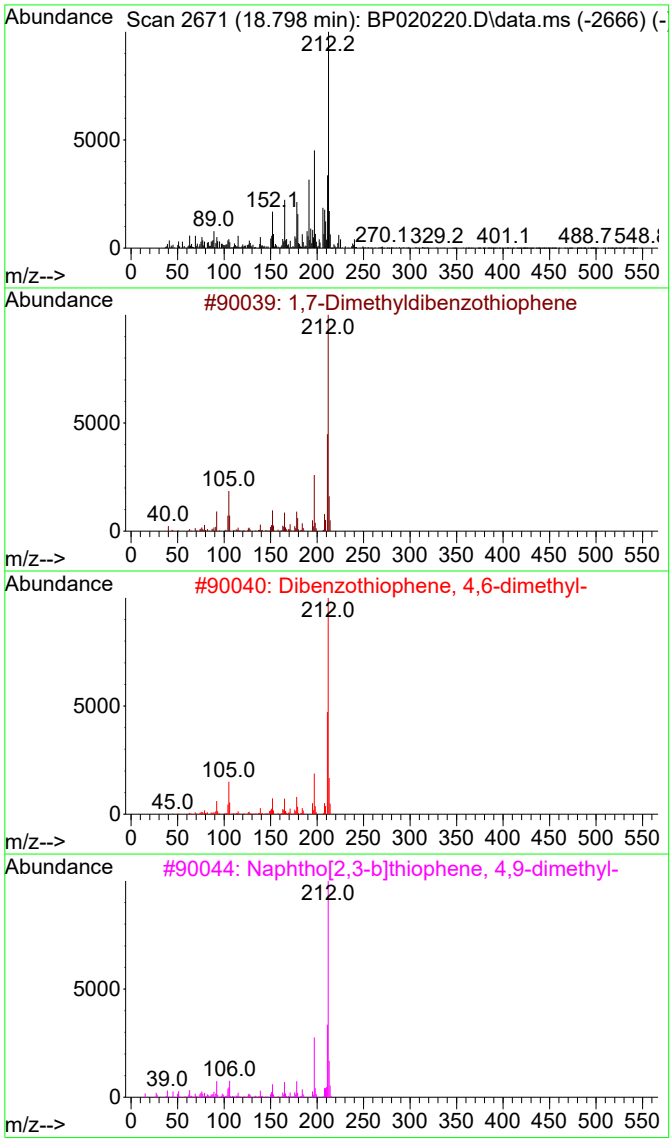
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

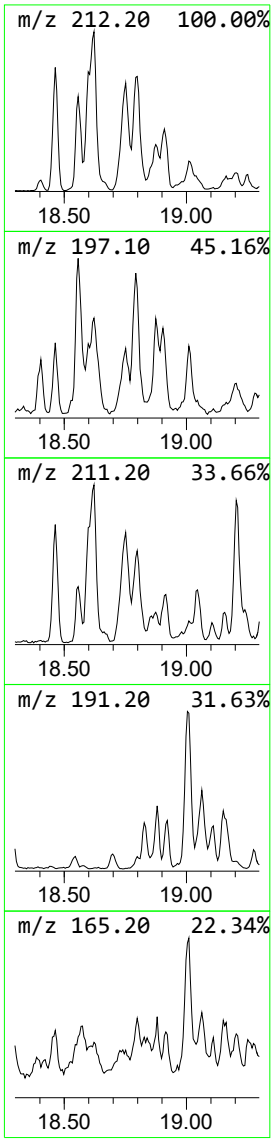
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,7-Dimethyldibenzothiophene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	4.70 ng/ul	344499	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	86
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	83
3	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	70
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	70
5	1,3-Dimethyldibenzothiophene	212	C14H12S	1010383-55-0	64





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Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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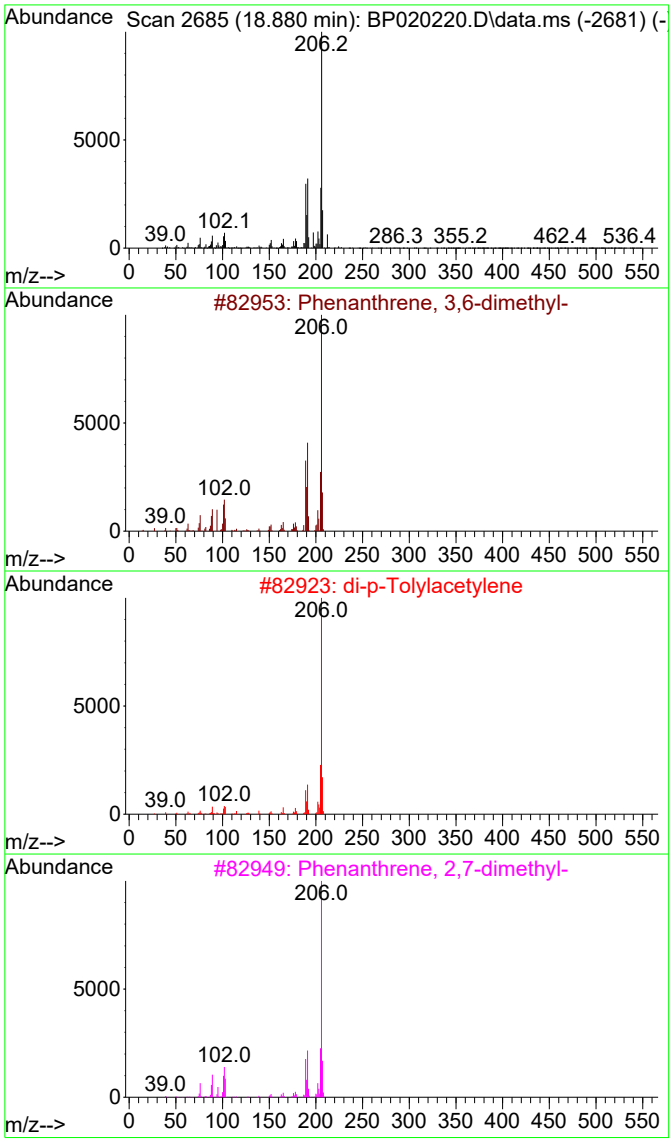
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

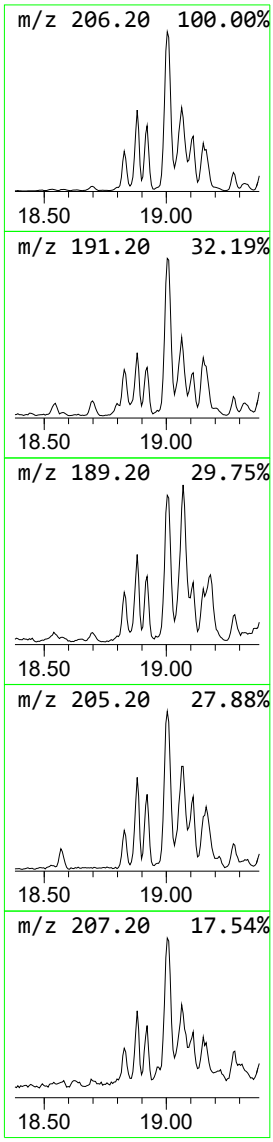
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	8.73 ng/ul	639685	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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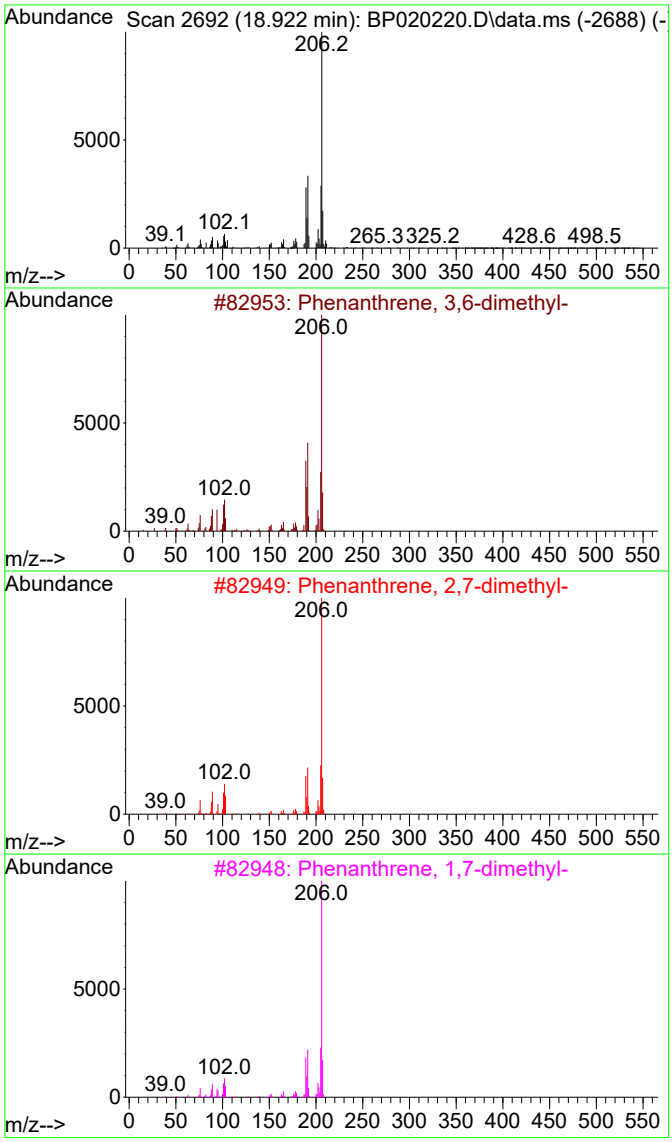
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

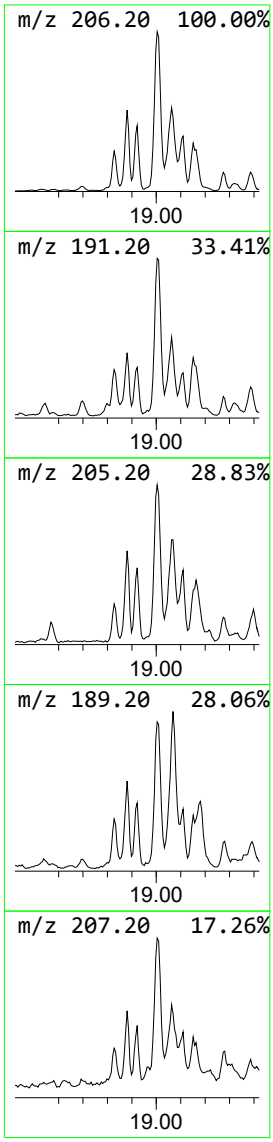
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	10.03 ng/ul	735609	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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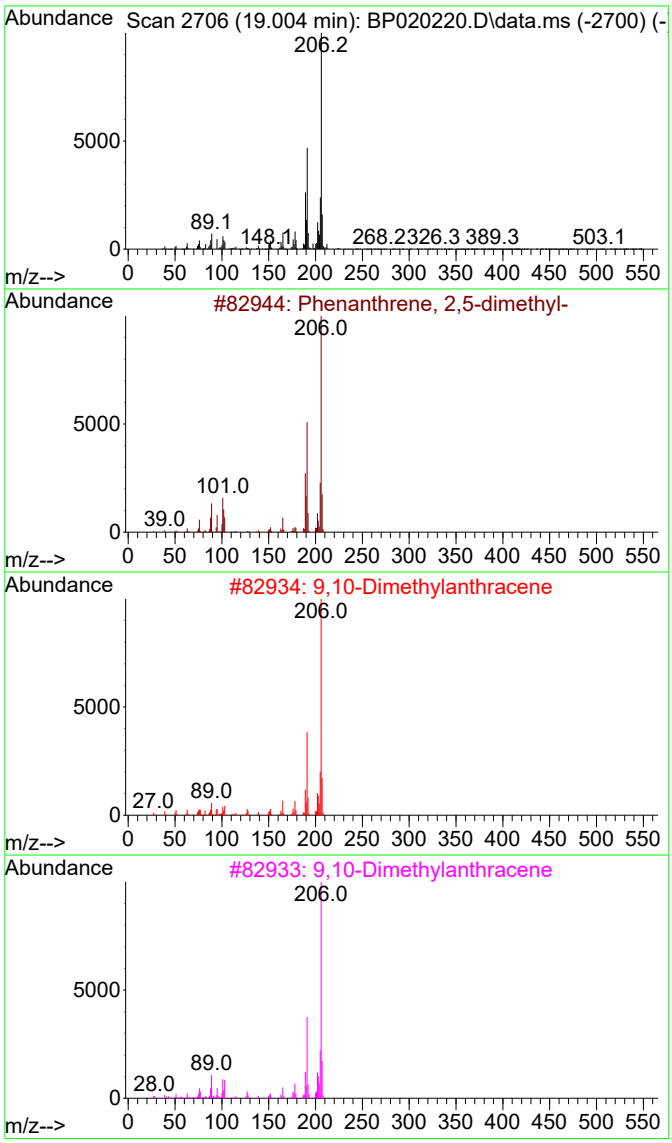
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

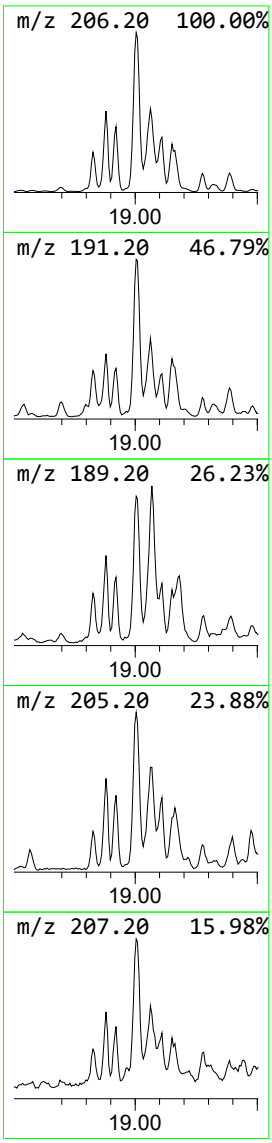
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	31.86 ng/ul	2335510	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

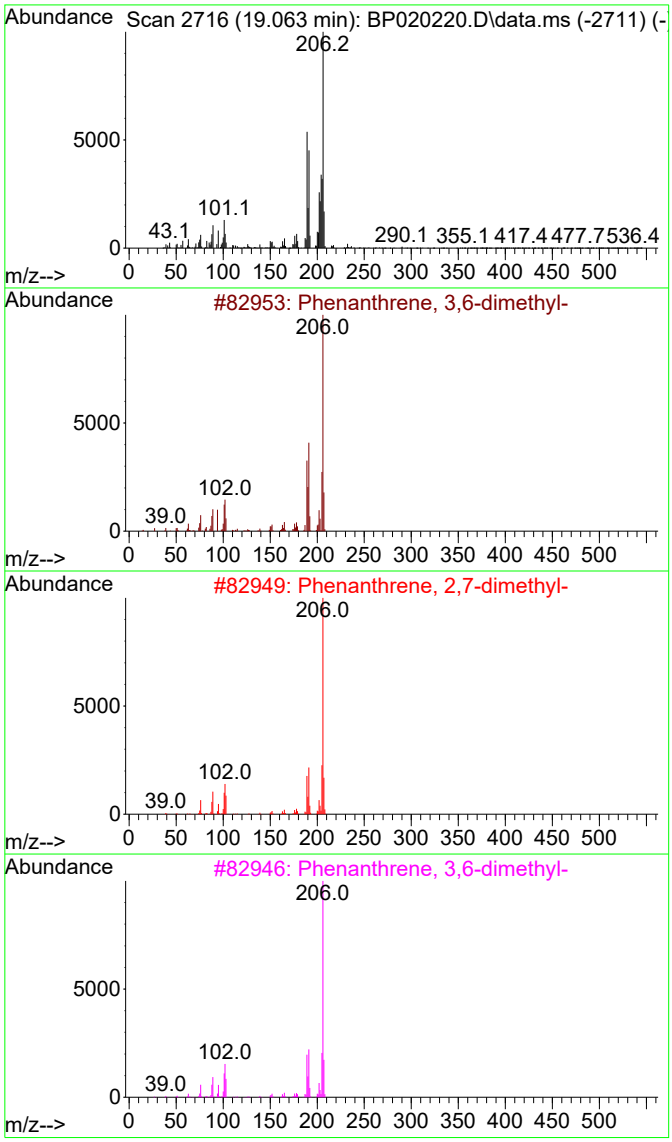
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

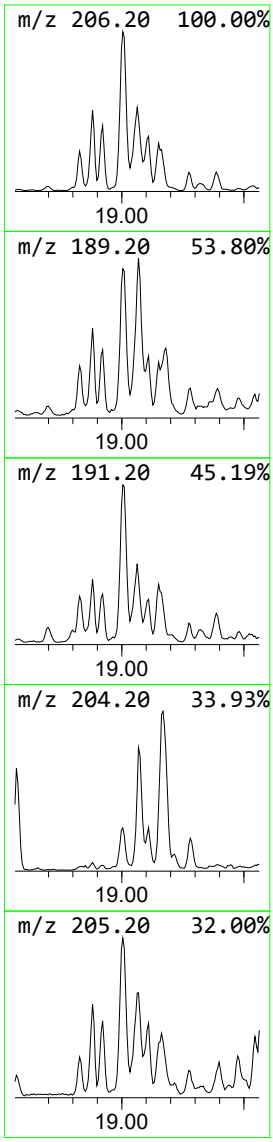
****

Peak Number 27 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	15.35 ng/ul	1125140	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64





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Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

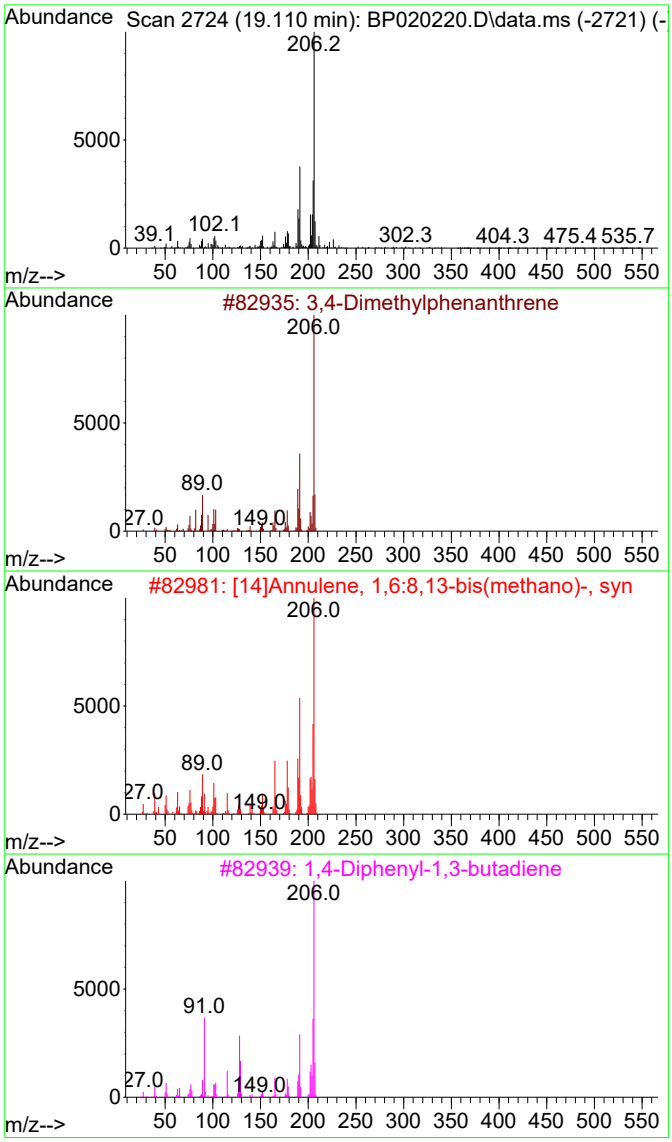
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

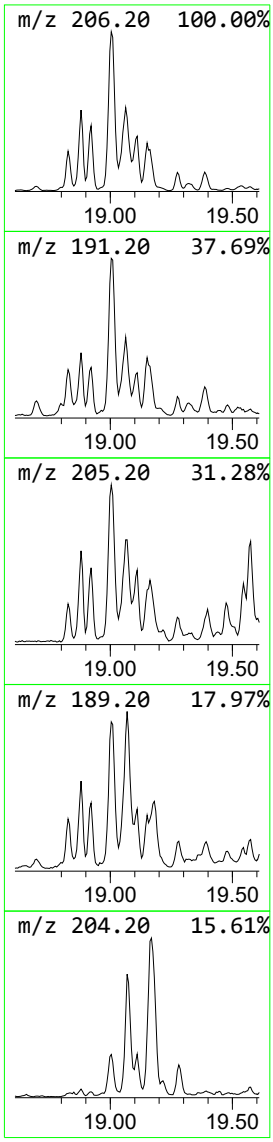
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 3,4-Dimethylphenanthrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	5.82 ng/ul	426451	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	87
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

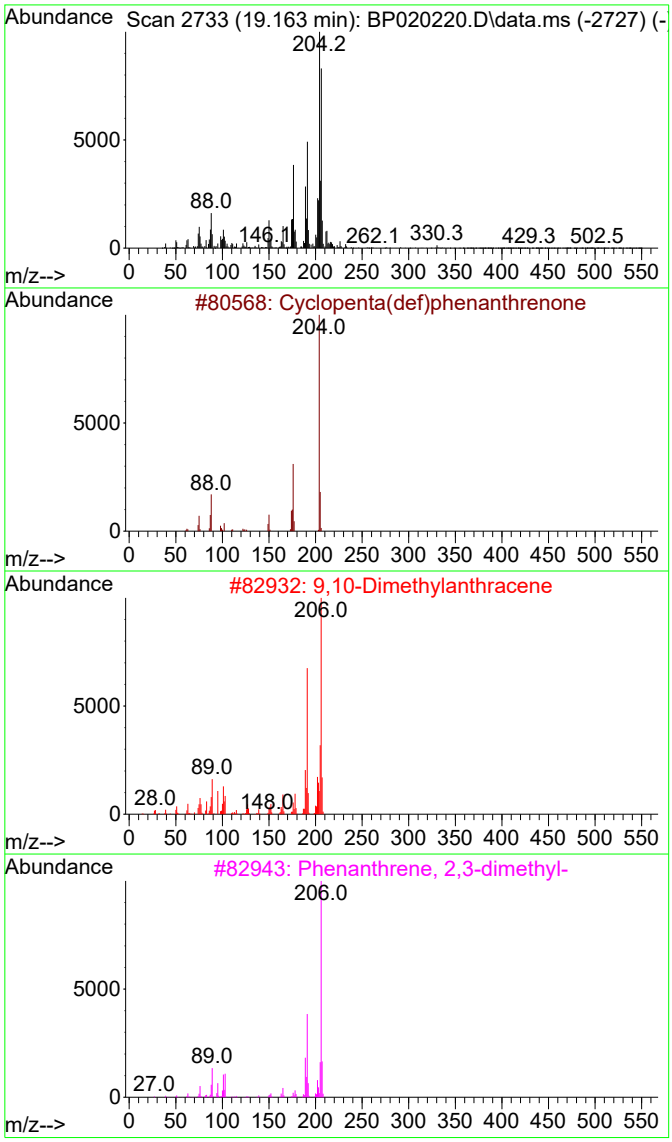
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

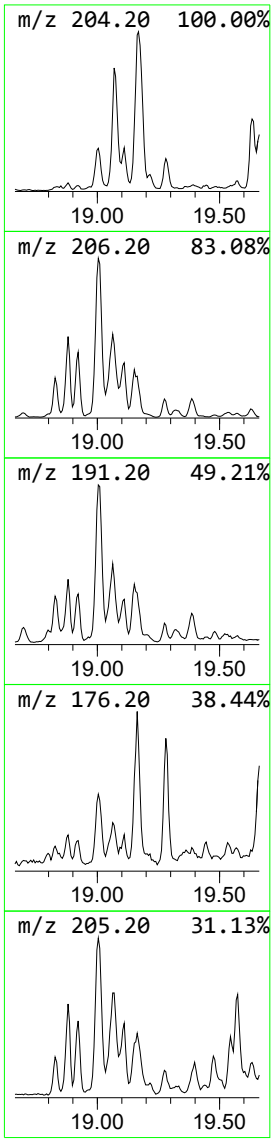
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	18.00 ng/ul	1319490	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

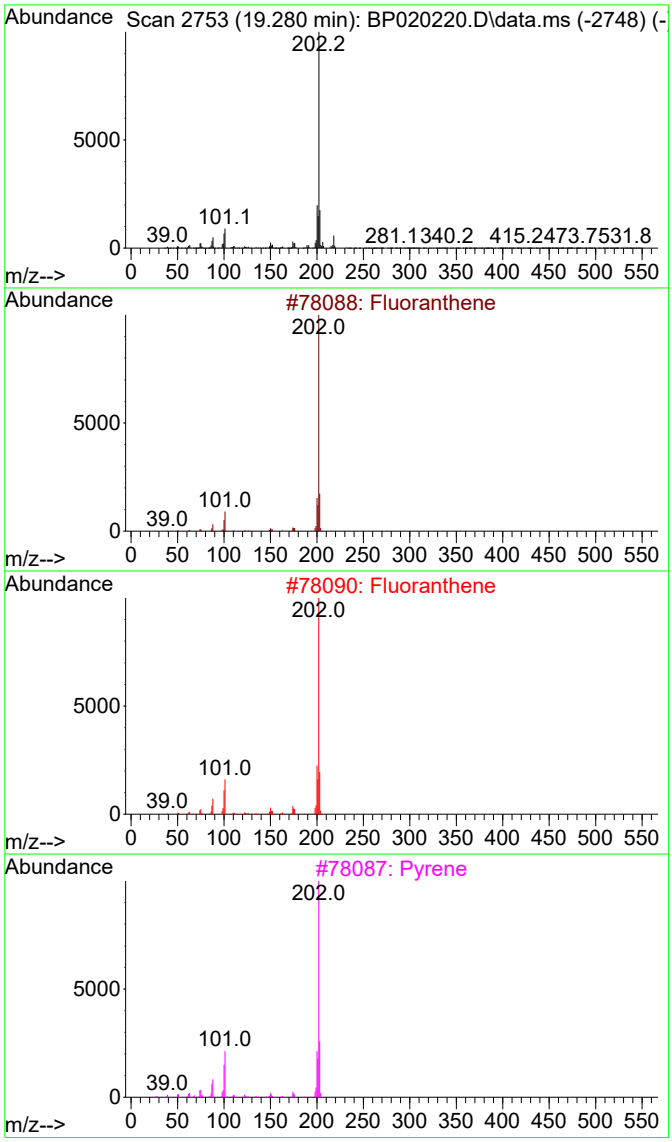
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

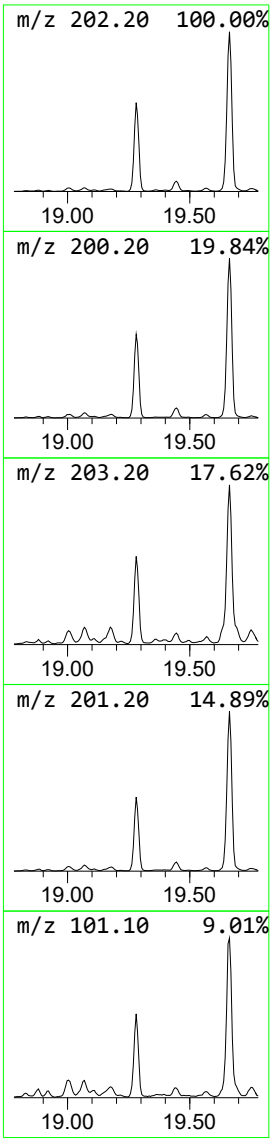
****

Peak Number 30 Fluoran thene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	50.23 ng/ul	3682010	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	93
4	Pyrene	202	C16H10	000129-00-0	86
5	Pyrene	202	C16H10	000129-00-0	81





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

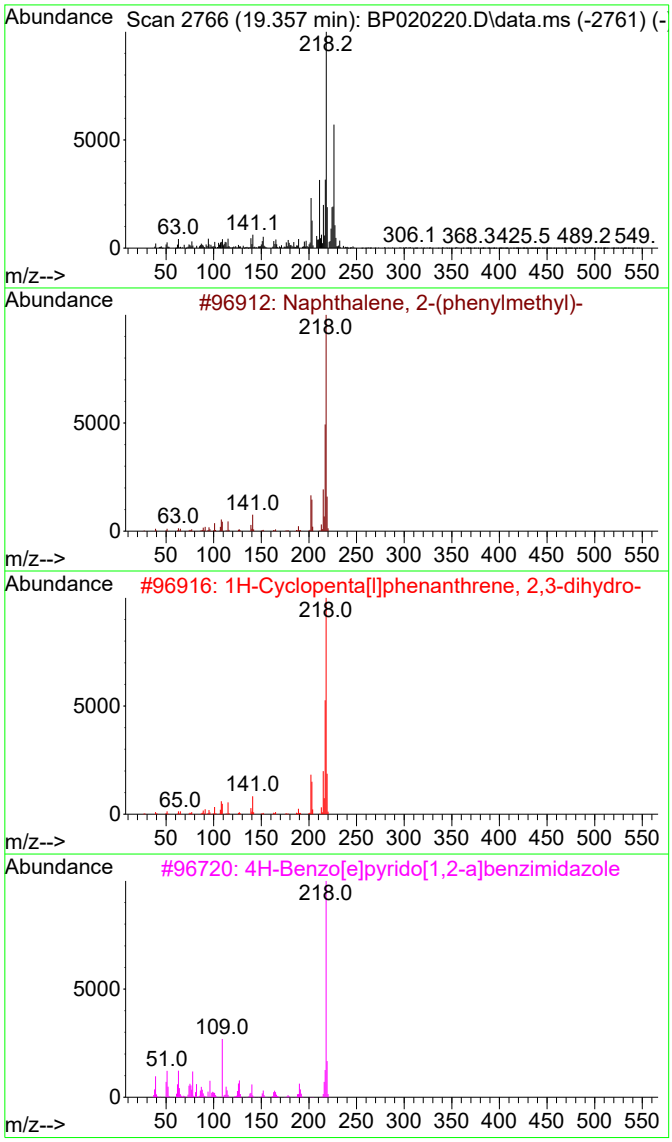
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

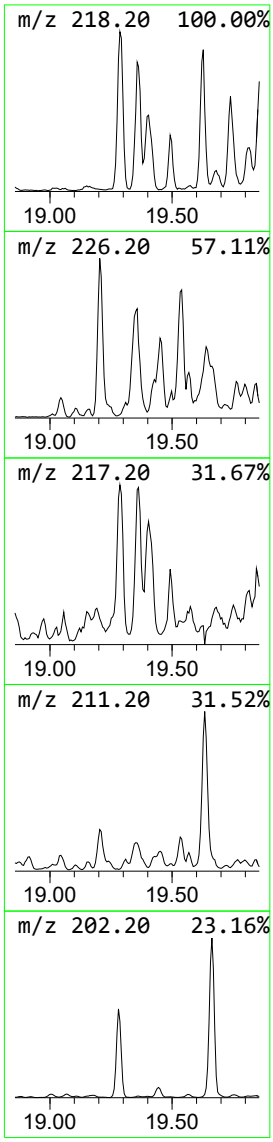
****

Peak Number 31 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	8.66 ng/ul	634474	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	30
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	25
3	4H-Benzo[e]pyrido[1,2-a]benzimid...	218	C15H10N2	000239-25-8	22
4	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	18
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	18





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

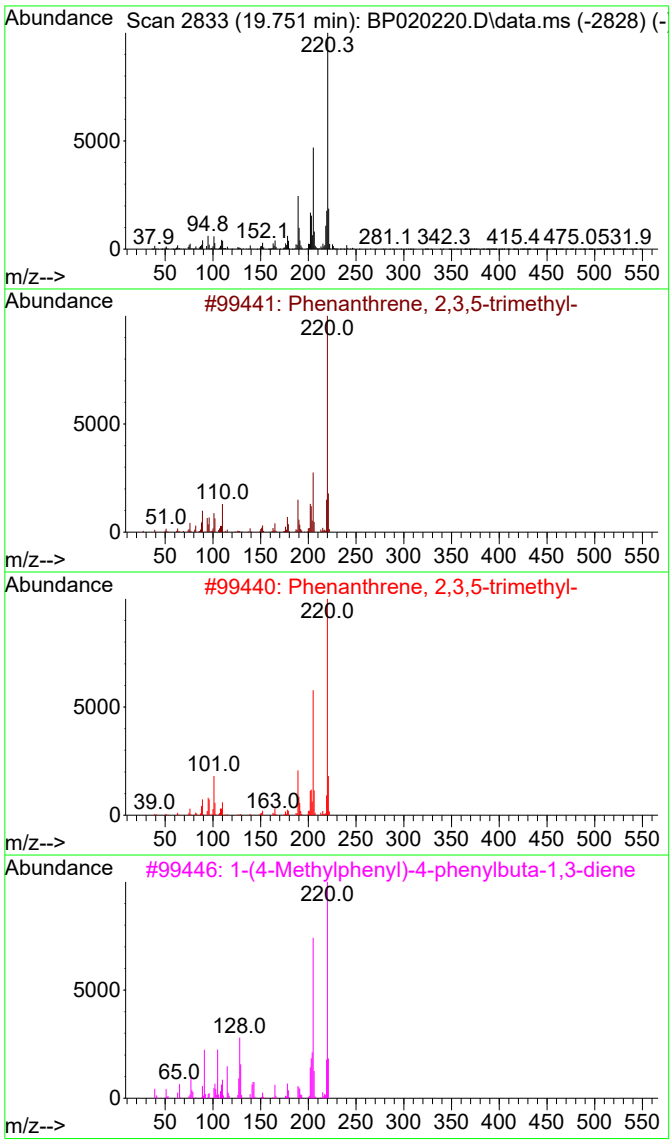
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

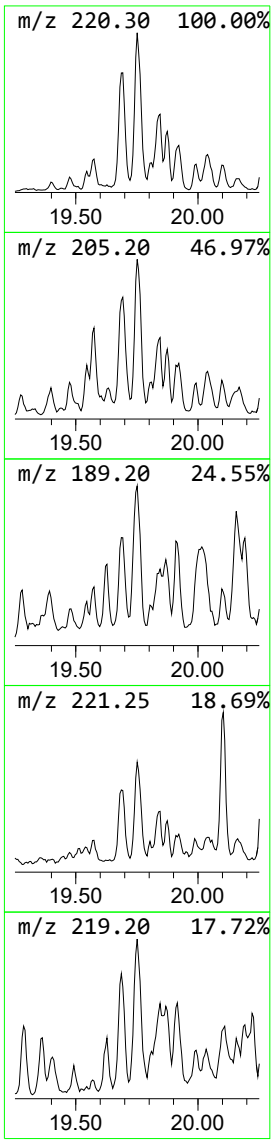
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.751	4.51 ng/ul	1256340	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	89
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	87
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
4	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	64
5	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	58





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Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

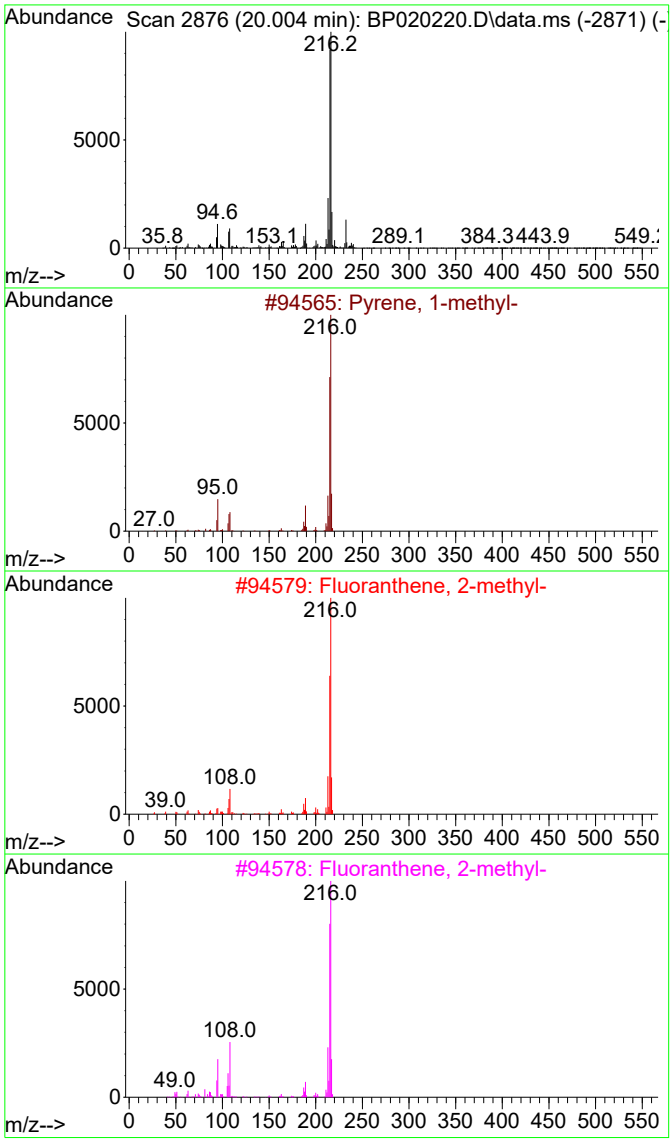
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

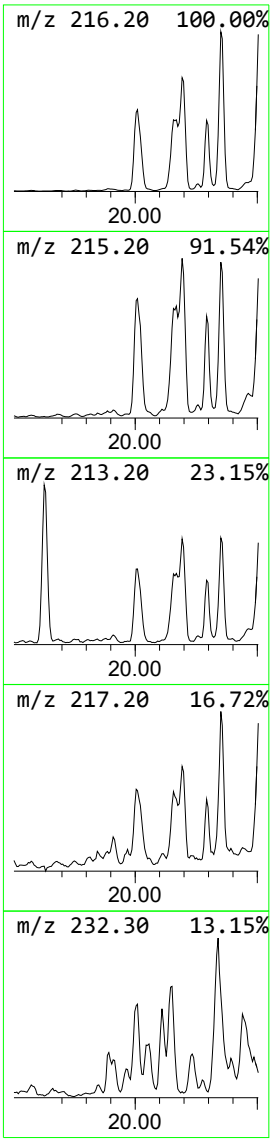
****

Peak Number 34 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	7.49 ng/ul	2089130	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

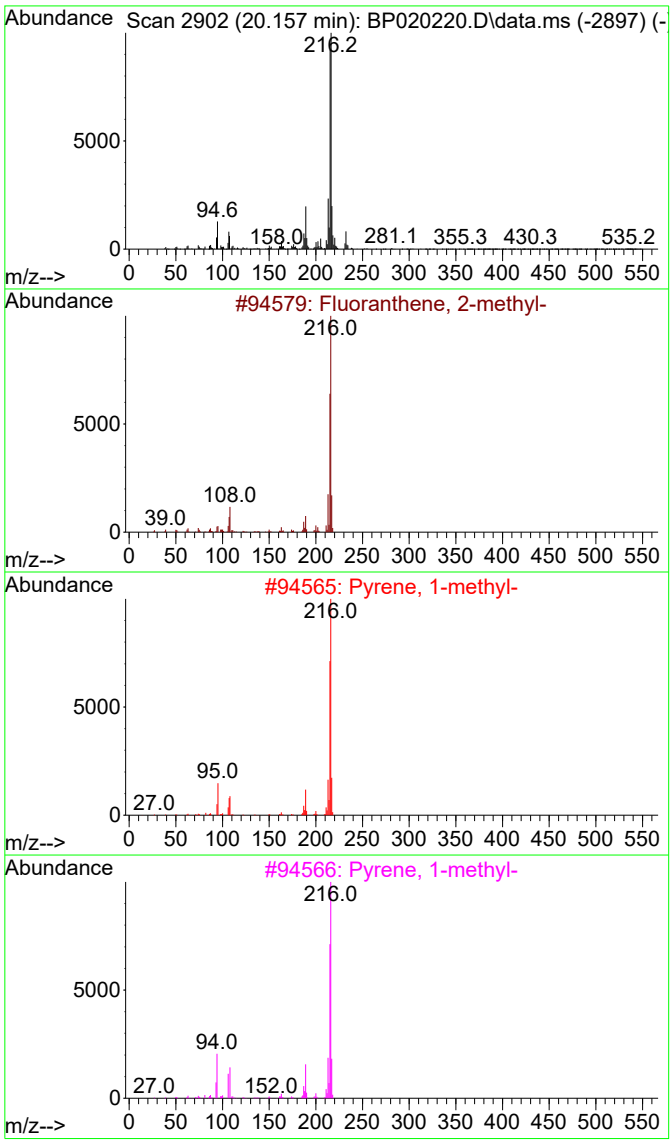
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

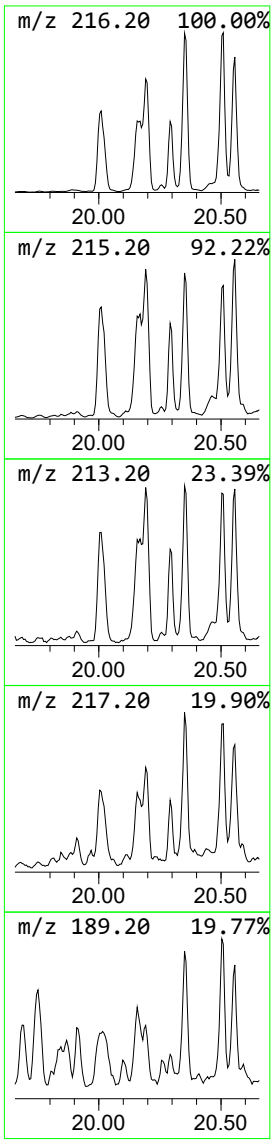
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Fluoranthene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	5.45 ng/ul	1520240	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

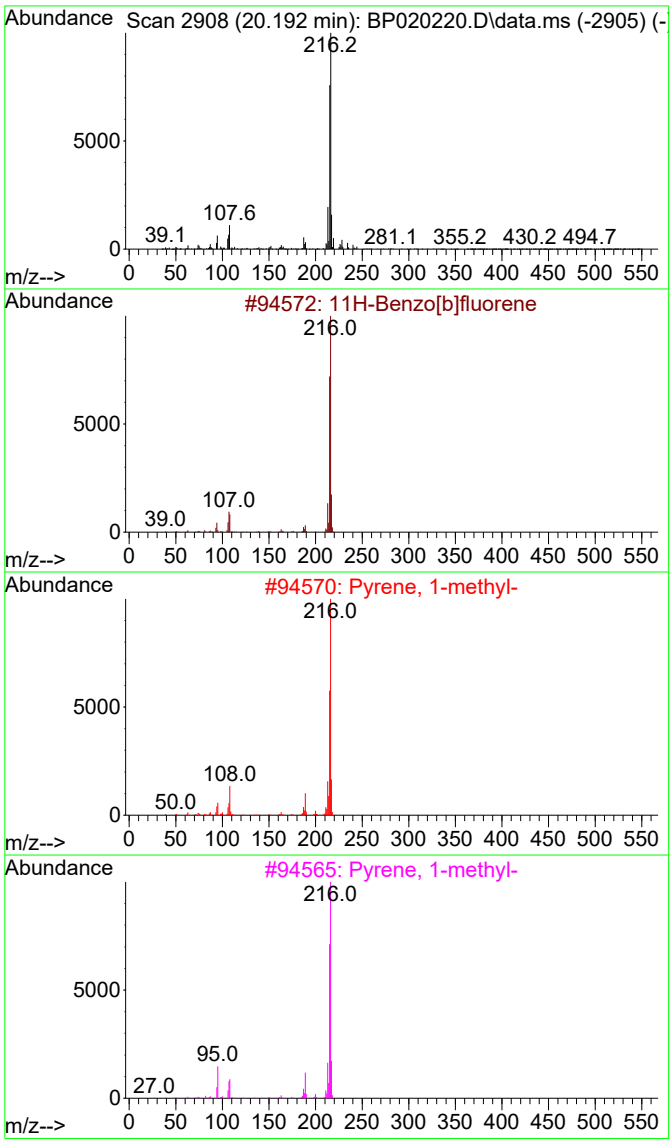
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

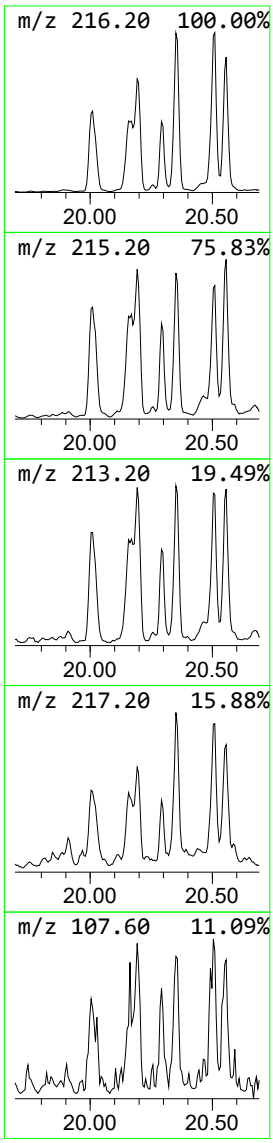
****

Peak Number 37 11H-Benzo[b]fluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	5.24 ng/ul	1461680	Chrysene-d12	21.621

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	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

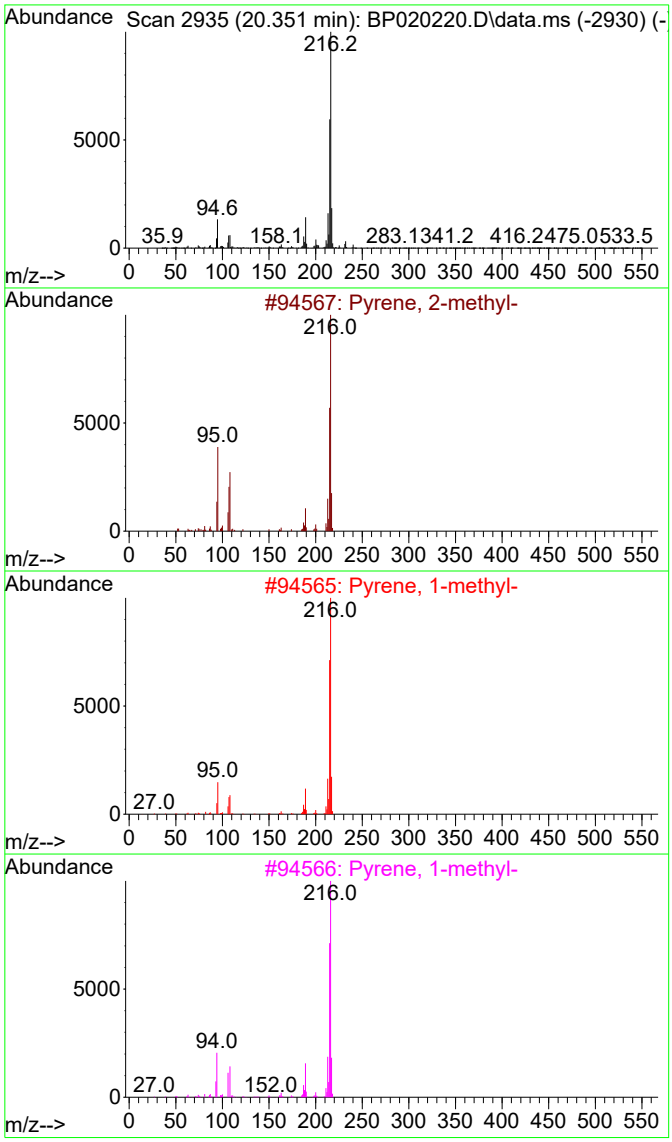
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

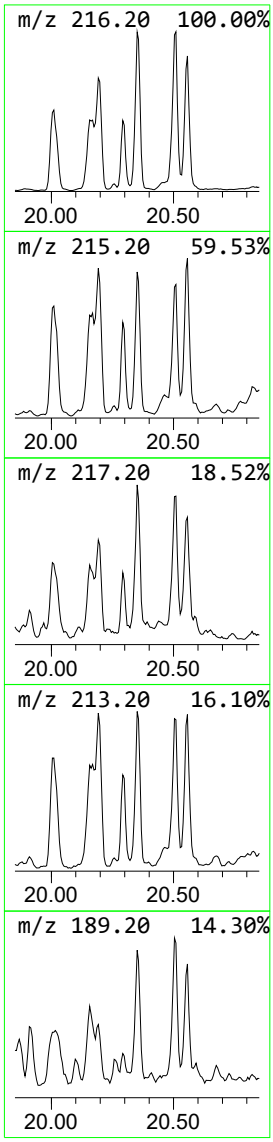
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	6.70 ng/ul	1868190	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

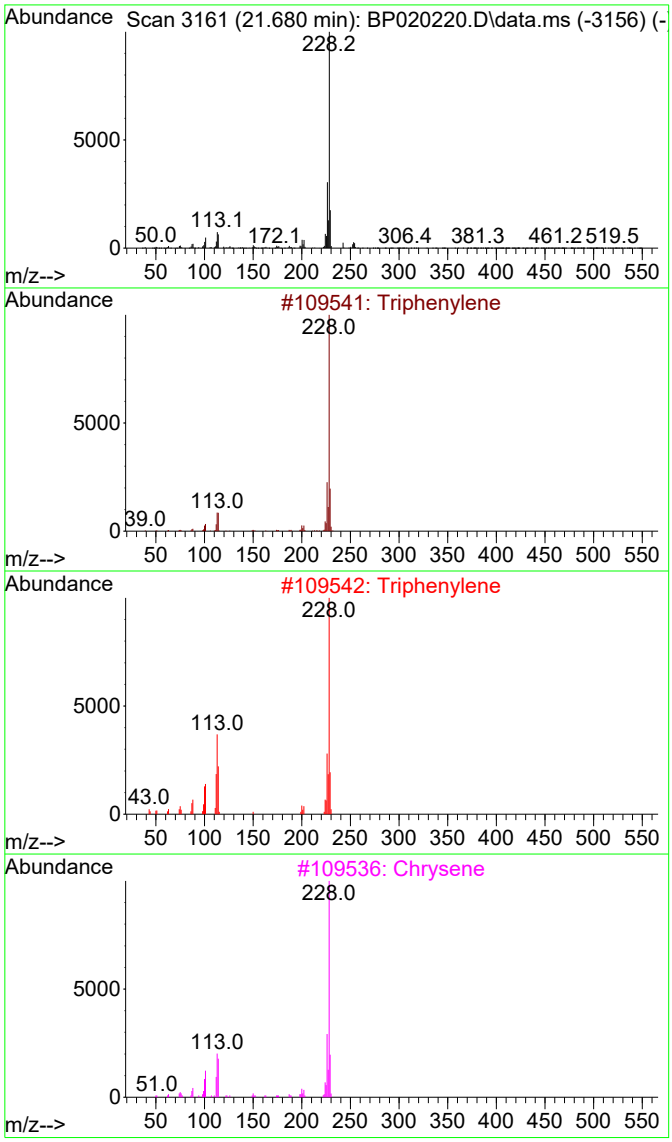
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

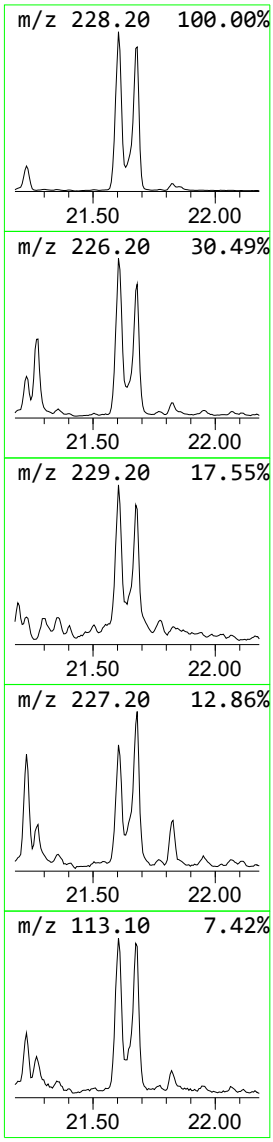
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.680	12.24 ng/ul	3413880	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	93
2	Triphenylene	228	C18H12	000217-59-4	90
3	Chrysene	228	C18H12	000218-01-9	90
4	Chrysene	228	C18H12	000218-01-9	90
5	Chrysene	228	C18H12	000218-01-9	90





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Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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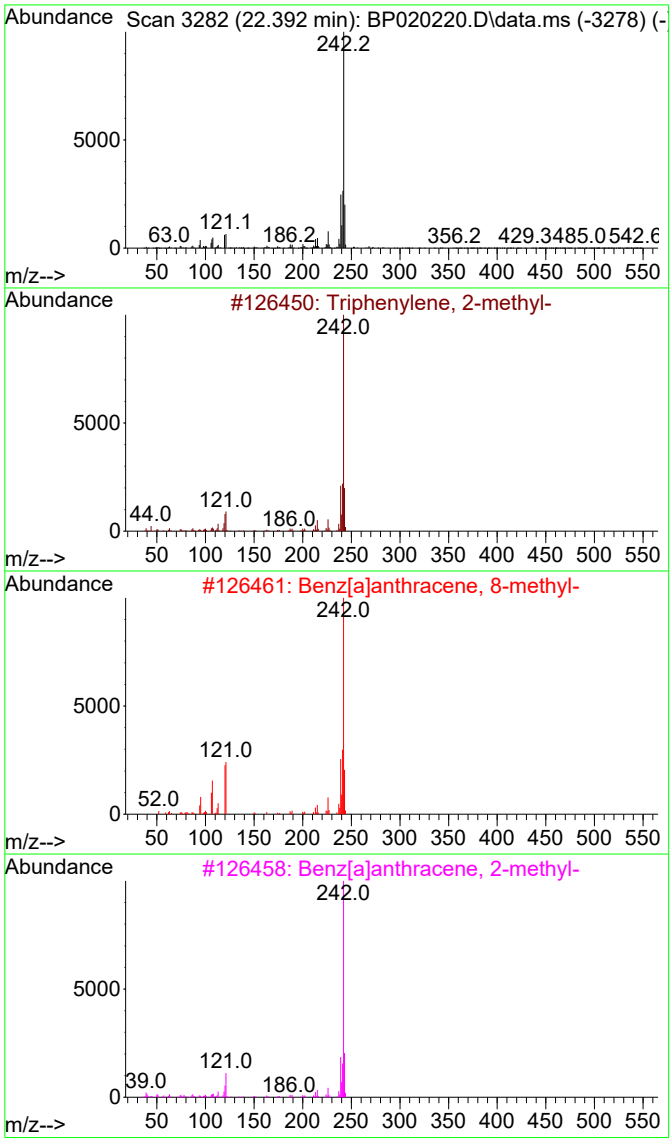
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

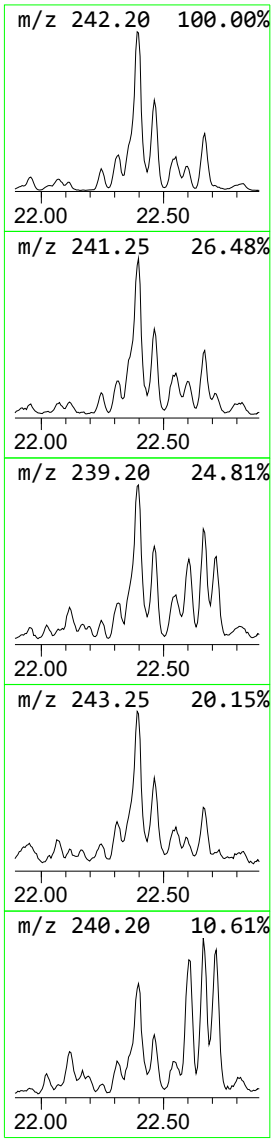
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Triphenylene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.392	6.50 ng/ul	1813130	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





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Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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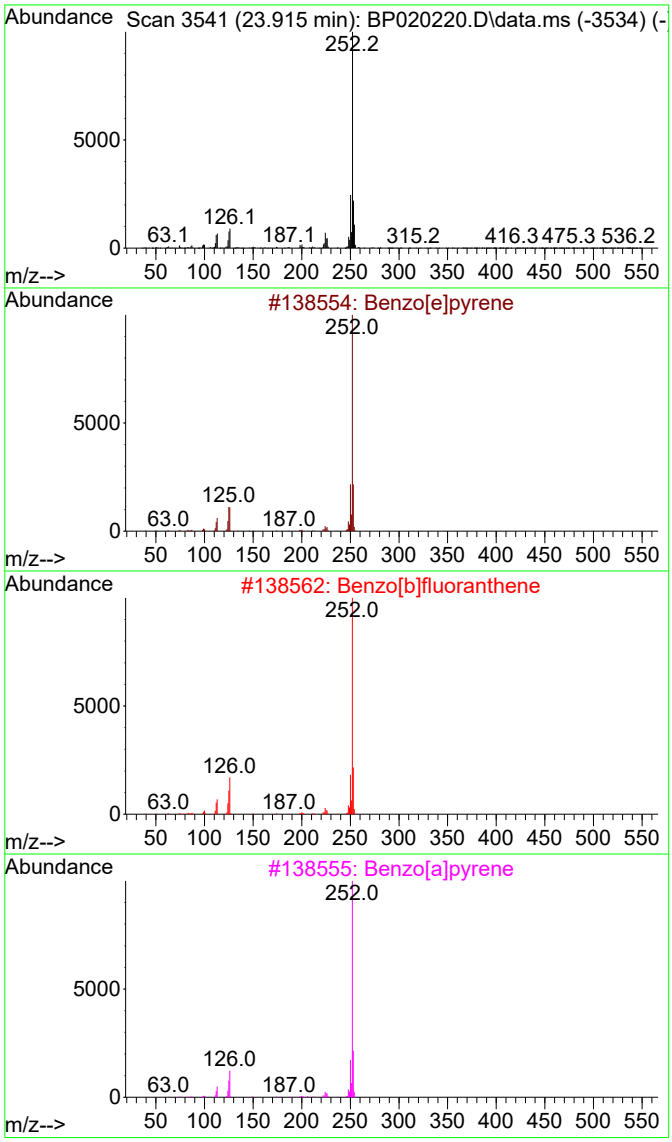
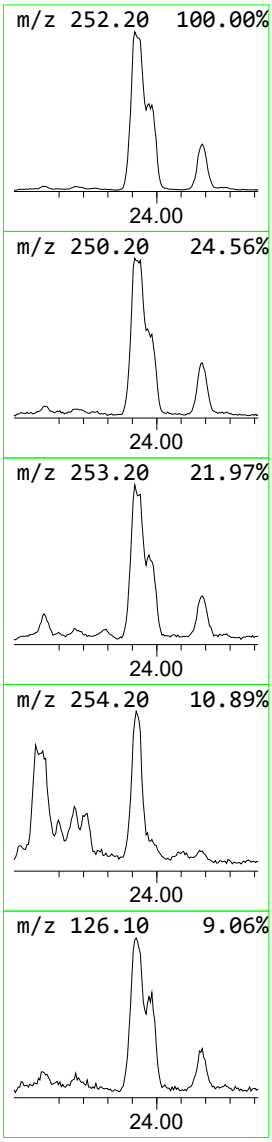
Peak Number 49 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.915	23.55 ng/ul	1300100	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

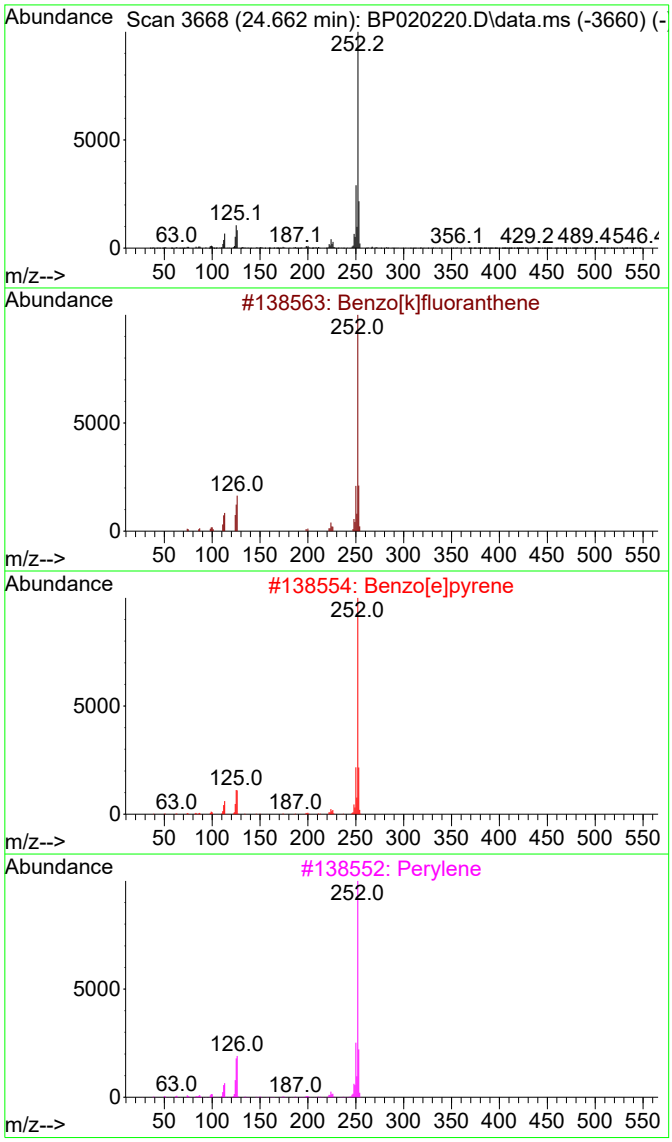
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

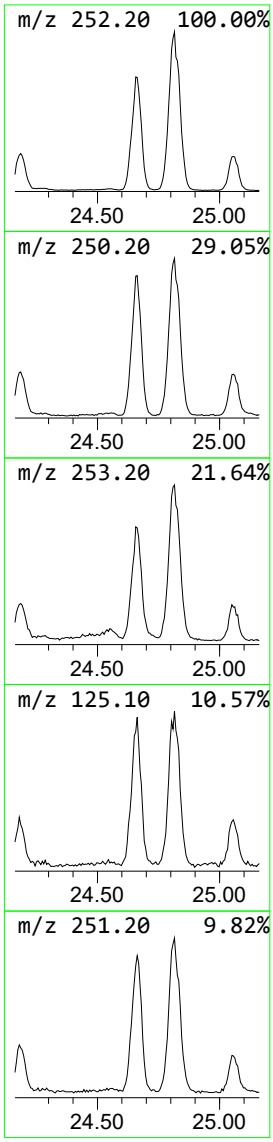
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzo[k]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.662	31.08 ng/ul	1715610	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

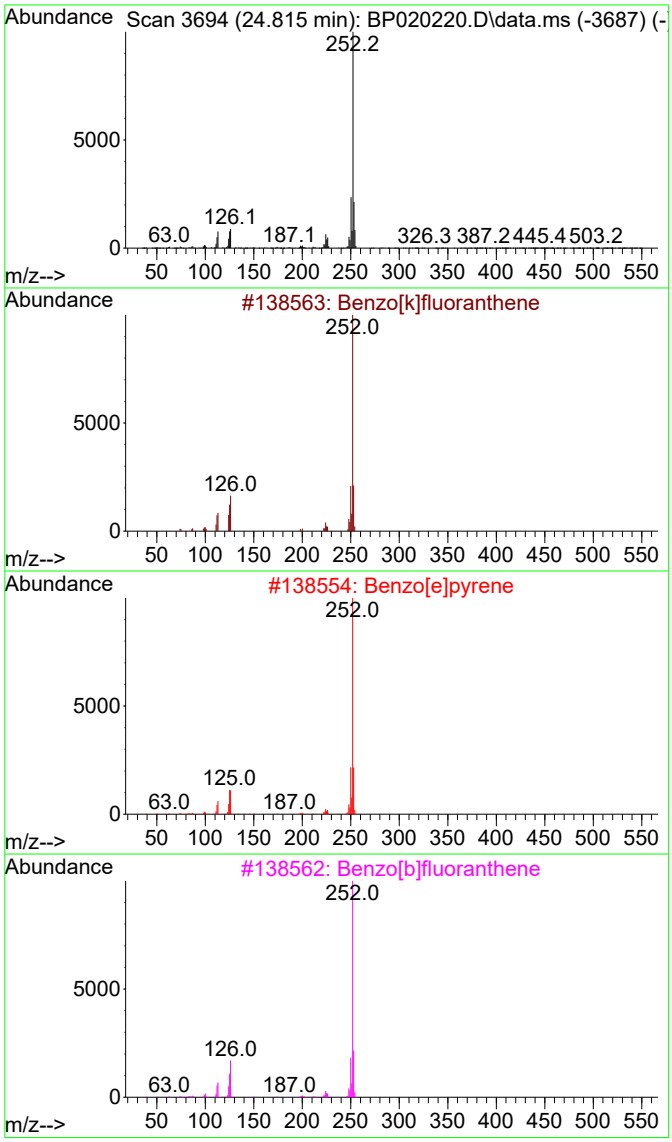
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

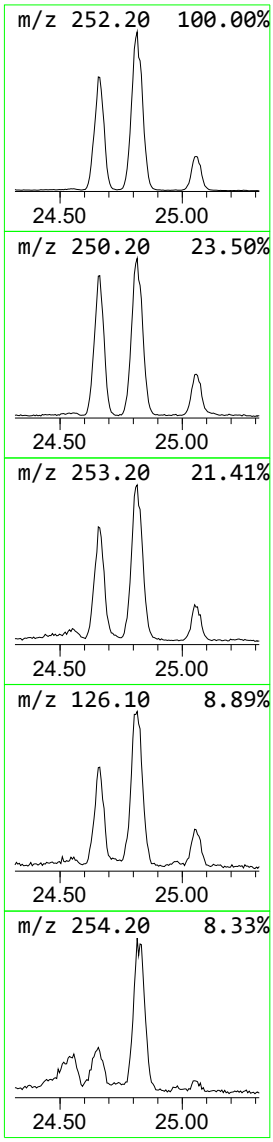
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzo[b]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.815	55.32 ng/ul	3053650	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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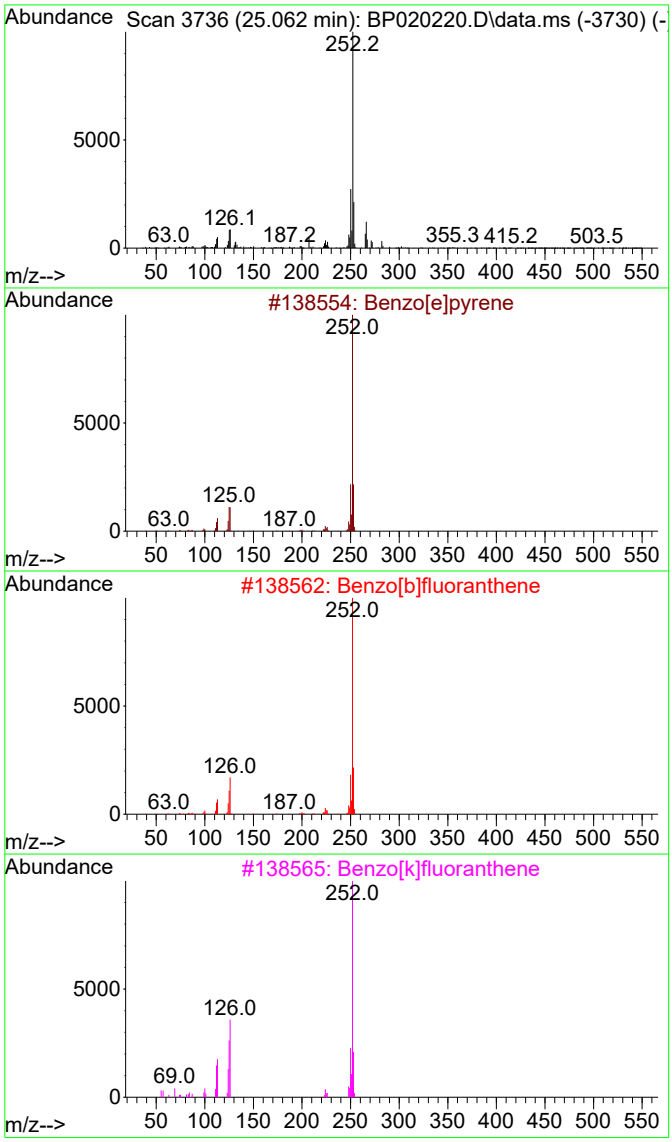
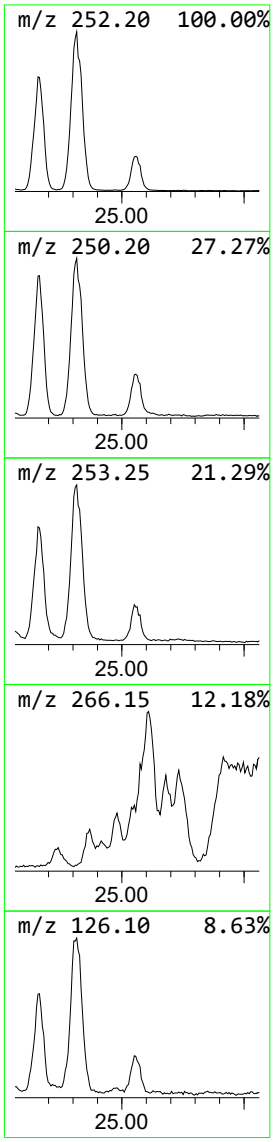
Peak Number 52 Perylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.062	5.32 ng/ul	293607	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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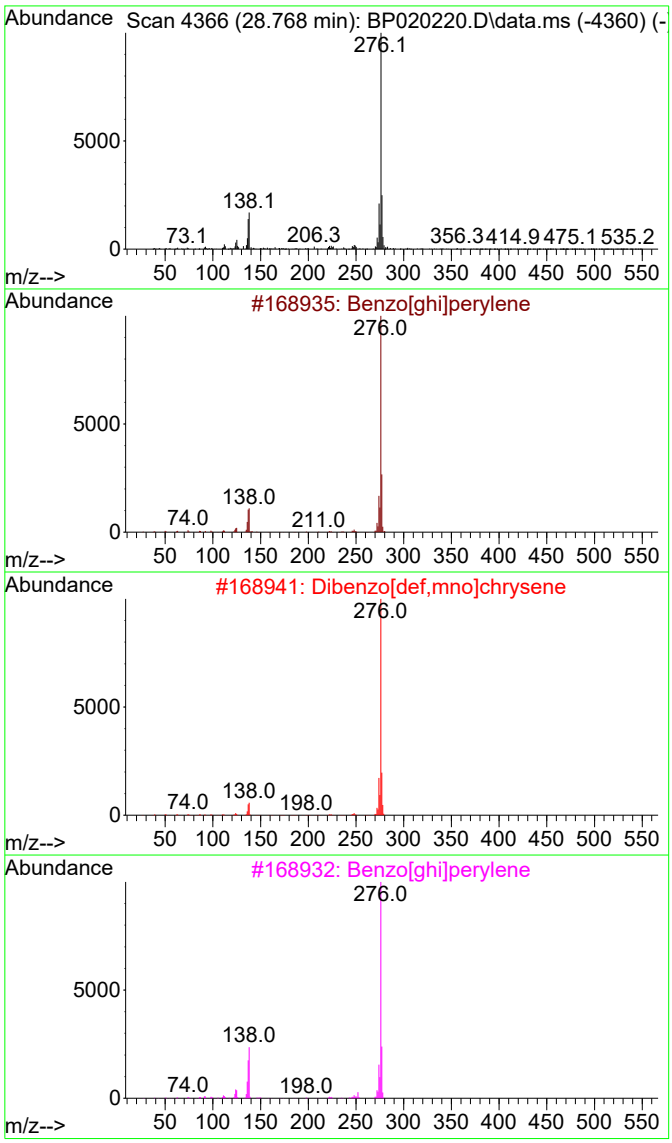
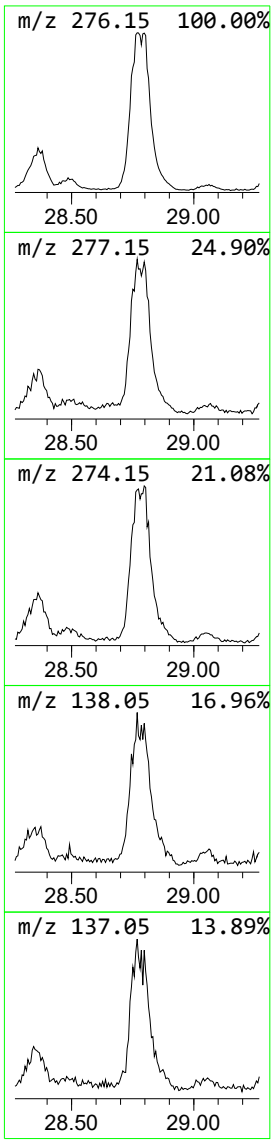
Peak Number 53 Benzo[ghi]perylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.768	5.52 ng/ul	304702	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020220.D
Acq On : 07 May 2024 00:45
Operator : MA/JU
Sample : P2368-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
Aceto phenone	8.451	5.2	ng/ul	148296	1	7.622	571484	20.0
(DEL) Alkane: S...	16.092	7.0	ng/ul	516008	4	17.128	1466110	20.0
(DEL) Alkane: S...	16.945	5.8	ng/ul	421445	4	17.128	1466110	20.0
Phenanthrene, 1...	18.045	7.3	ng/ul	531733	4	17.128	1466110	20.0
Phenanthrene, 2...	18.092	18.3	ng/ul	1339350	4	17.128	1466110	20.0
1H-Cyclopropa[l...	18.180	6.0	ng/ul	437750	4	17.128	1466110	20.0
Anthracene, 1-m...	18.239	21.1	ng/ul	1550040	4	17.128	1466110	20.0
1H-Indene, 2-ph...	18.280	6.5	ng/ul	479054	4	17.128	1466110	20.0
2,6-Dimethyldib...	18.463	5.1	ng/ul	377008	4	17.128	1466110	20.0
Naphthalene, 2-...	18.569	6.4	ng/ul	472234	4	17.128	1466110	20.0
2,7-Dimethyldib...	18.622	5.5	ng/ul	402496	4	17.128	1466110	20.0
1,7-Dimethyldib...	18.798	4.7	ng/ul	344499	4	17.128	1466110	20.0
Phenanthrene, 3...	18.880	8.7	ng/ul	639685	4	17.128	1466110	20.0
Phenanthrene, 2...	18.922	10.0	ng/ul	735609	4	17.128	1466110	20.0
Phenanthrene, 2...	19.004	31.9	ng/ul	2335510	4	17.128	1466110	20.0
9,10-Dimethylan...	19.063	15.4	ng/ul	1125140	4	17.128	1466110	20.0
3,4-Dimethylphe...	19.110	5.8	ng/ul	426451	4	17.128	1466110	20.0
Cyclopenta(def)...	19.163	18.0	ng/ul	1319490	4	17.128	1466110	20.0
Fluoran thene	19.280	50.2	ng/ul	3682010	4	17.128	1466110	20.0
unknown-01	19.357	8.7	ng/ul	634474	4	17.128	1466110	20.0
Phenanthrene, 2...	19.751	4.5	ng/ul	1256340	5	21.621	5576160	20.0
Pyrene, 1-methyl-	20.004	7.5	ng/ul	2089130	5	21.621	5576160	20.0
Fluoranthene, 2...	20.157	5.5	ng/ul	1520240	5	21.621	5576160	20.0
11H-Benzo[b]flu...	20.192	5.2	ng/ul	1461680	5	21.621	5576160	20.0
Pyrene, 2-methyl-	20.351	6.7	ng/ul	1868190	5	21.621	5576160	20.0
Triphenylene	21.680	12.2	ng/ul	3413880	5	21.621	5576160	20.0
Triphenylene, 2...	22.392	6.5	ng/ul	1813130	5	21.621	5576160	20.0
Benzo[e]pyrene	23.915	23.6	ng/ul	1300100	6	24.980	1104020	20.0
Benzo[k]fluoran...	24.662	31.1	ng/ul	1715610	6	24.980	1104020	20.0
Benzo[b]fluoran...	24.815	55.3	ng/ul	3053650	6	24.980	1104020	20.0
Perylene	25.062	5.3	ng/ul	293607	6	24.980	1104020	20.0
Benzo[ghi]perylene	28.768	5.5	ng/ul	304702	6	24.980	1104020	20.0