LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4C64

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: BN032233.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	37	rVB	55055	80642	0.88%	0.065%
2	3.428	71	75	91	rVB	168444	263377	2.89%	0.214%
3	3.581	98	101	112	rBV	52329	91225	1.00%	0.074%
4	3.670	112	116	124	rVB	55435	77967	0.85%	0.063%
5	4.417	240	243	251	rVB	43189	65742	0.72%	0.053%
6	4.764	295	302	311	rBV	126155	195822	2.15%	0.159%
7	6.811	642	650	665	rBV	911494	1524864	16.70%	1.237%
8	6.969	669	677	689	rBV	731095	1176244	12.88%	0.954%
9	7.163	702	710	718	rBV	995082	1608815	17.62%	1.305%
10	7.234	718	722	735	rVB	128960	239093	2.62%	0.194%
11	7.622	781	788	796	rBV	1033882	1702816	18.65%	1.381%
12	8.340	901	910	924	rBV	1123344	1935887	21.21%	1.570%
13	8.452	924	929	936	rVB	70141	122686	1.34%	0.099%
14	8.787	979	986	998	rVB	831524	1430947	15.67%	1.160%
15	9.346	1073	1081	1091	rBV	79842	138272	1.51%	0.112%
16	9.499	1100	1107	1120	rBV	684456	1186489	13.00%	0.962%
17	10.034	1191	1198	1210	rBV	1067890	1978708	21.67%	1.605%
18	10.404	1252	1261	1267	rBV	1390827	2352445	25.77%	1.908%
19	10.452	1267	1269	1279	rVB	37344	54572	0.60%	0.044%
20	10.557	1279	1287	1306	rBV	458268	1028469	11.27%	0.834%
21	10.952	1346	1354	1365	rBV3	40828	93228	1.02%	0.076%
22	11.152	1380	1388	1407	rBV	234331	541109	5.93%	0.439%
23	13.587	1796	1802	1807	rBV2	30022	54692	0.60%	0.044%
24	13.687	1813	1819	1833	rVB	1989150	2768836	30.33%	2.245%
25	13.963	1854	1866	1883	rBV	2290986	3761258	41.20%	3.050%
26	14.269	1906	1918	1925	rBV	2008346	3051294	33.42%	2.474%
27	14.334	1925	1929	1936	rVB	158643	234743	2.57%	0.190%
28	14.498	1947	1957	1969	rBV3	2156063	5152234	56.44%	4.178%
29	14.669	1979	1986	1996	rVV2	108748	280626	3.07%	0.228%
30	15.063	2045	2053	2057	rBV7	26604	56750	0.62%	0.046%
31	15.269	2081	2088	2093	rBV	3059937	4348236	47.63%	3.526%
32	15.322	2093	2097	2105	rVB2	203882	306315	3.36%	0.248%
33	15.410	2106	2112	2121	rBV	706176	1123868	12.31%	0.911%
34	15.616	2143	2147	2155	rVB	63090	103306	1.13%	0.084%
35	15.763	2168	2172	2179	rVV	63801	119994	1.31%	0.097%
36	15.839	2179	2185	2196	rVB5	37556	101862	1.12%	0.083%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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	15.998	2205	2212	2219	rBV5	49961	113305	1.24%	0.092%
38	16.245	2250	2254	2259	rVV6	29852	55565	0.61%	0.045%
39	16.328	2261	2268	2273	rVV4	49282	112392	1.23%	0.091%
40	16.428	2281	2285	2290	rBV8	38746	77879	0.85%	0.063%
41	16.557	2299	2307	2311	rBV3	51677	113431	1.24%	0.092%
42	16.681	2324	2328	2335	rVB	127860	195966	2.15%	0.159%
43	16.751	2335	2340	2342	rBV	50068	78605	0.86%	0.064%
44	16.839	2350	2355	2363	rVB	173796	271320	2.97%	0.220%
45	17.022	2380	2386	2390	rBV	2355600	3600673	39.44%	2.920%
46	17.063	2390	2393	2398	rVV	3379184	4834511	52.96%	3.920%
47	17.122	2398	2403	2407	rVV2	3249061	4888116	53.54%	3.964%
48	17.157	2407	2409	2414	rVV	687507	765217	8.38%	0.621%
49	17.222	2414	2420	2425	rVB2	53202	114028	1.25%	0.092%
50	17.434	2448	2456	2466	rBV	343142	647515	7.09%	0.525%
51	17.545	2471	2475	2480	rVV2	82714	135820	1.49%	0.110%
52	17.604	2481	2485	2493	rVB4	68785	147384	1.61%	0.120%
53	17.698	2497	2501	2505	rVV2	89861	134713	1.48%	0.109%
54	17.739	2505	2508	2514	rVB3	43128	66342	0.73%	0.054%
55	17.898	2530	2535	2537	rBV	343246	521123	5.71%	0.423%
56	17.928	2537	2540	2541	rBV	323241	358709	3.93%	0.291%
57	18.028	2553	2557	2562	rVB	149605	210081	2.30%	0.170%
58	18.092	2562	2568	2572	rBV2	657223	1120153	12.27%	0.908%
59	18.128	2572	2574	2582	rVB	241920	329384	3.61%	0.267%
60	18.210	2583	2588	2592	rBV4	67451	105664	1.16%	0.086%
61	18.257	2592	2596	2599	rBV2	64085	85173	0.93%	0.069%
62	18.404	2616	2621	2625	rBV	328091	455348	4.99%	0.369%
63	18.451	2625	2629	2636	rVB	450751	619542	6.79%	0.502%
64	18.651	2659	2663	2667	rVV2	86781	112278	1.23%	0.091%
65	18.698	2668	2671	2674	rVV	69182	85595	0.94%	0.069%
66	18.739	2675	2678	2682	rVB3	76438	98246	1.08%	0.080%
67	18.822	2687	2692	2695	rBV2	187618	313715	3.44%	0.254%
68	18.875	2698	2701	2706	rVV3	248085	366893	4.02%	0.298%
69	18.916	2706	2708	2712	rVB3	79405	85146	0.93%	0.069%
70	18.969	2712	2717	2724	rBV3	238257	497471	5.45%	0.403%
71	19.092	2730	2738	2745	rBV	6321639	9129106	100.00%	7.403%
72	19.210	2752	2758	2761	rBV3	269847	490782	5.38%	0.398%
73	19.333	2776	2779	2782	rVB	108821	121419	1.33%	0.098%
74	19.428	2789	2795	2797	rBV2	4410816	6501062	71.21%	5.272%
75	19.457	2797	2800	2808	rVV	4765286	6181177	67.71%	5.012%
76	19.528	2808	2812	2818	rVB2	236924	342904	3.76%	0.278%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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	19.633	2826	2830	2835	rVB	281534	378630	4.15%	0.307%
78	19.775	2850	2854	2855	rBV2	302113	366111	4.01%	0.297%
79	19.916	2873	2878	2880	rBV4	265308	451132	4.94%	0.366%
80	19.951	2880	2884	2890	rVB	713713	1165463	12.77%	0.945%
81	20.051	2897	2901	2905	rBV	490482	639866	7.01%	0.519%
82	20.110	2905	2911	2915	rVV2	386788	664352	7.28%	0.539%
83	20.251	2932	2935	2938	rBV	205920	233811	2.56%	0.190%
84	20.298	2939	2943	2947	rVV2	243921	344269	3.77%	0.279%
85	20.469	2970	2972	2975	rVB	148851	139669	1.53%	0.113%
86	20.704	3008	3012	3019	rVB	445466	586804	6.43%	0.476%
87	20.869	3036	3040	3044	rBV2	453593	687663	7.53%	0.558%
88	20.916	3044	3048	3050	rVV	423713	569368	6.24%	0.462%
89	20.951	3050	3054	3060	rVV2	984350	1742371	19.09%	1.413%
90	21.016	3062	3065	3076	rVB	529012	818045	8.96%	0.663%
91	21.163	3087	3090	3095	rVB	609041	770189	8.44%	0.625%
92	21.257	3099	3106	3111	rVV3	3655964	8959481	98.14%	7.265%
93	21.304	3111	3114	3125	rVB	2650235	3891020	42.62%	3.155%
94	21.439	3134	3137	3142	rBV	401611	550978	6.04%	0.447%
95	21.992	3228	3231	3235	rBV2	286640	484064	5.30%	0.393%
96	23.257	3439	3446	3452	rBV2	1829791	5132093	56.22%	4.162%
97	23.904	3552	3556	3561	rBV	401092	731268	8.01%	0.593%
98	23.974	3562	3568	3574	rVV2	1563743	3538434	38.76%	2.869%
99	24.039	3575	3579	3591	rVB	1036670	2312811	25.33%	1.876%
100	24.174	3594	3602	3611	rBV2	1714552	4321510	47.34%	3.504%

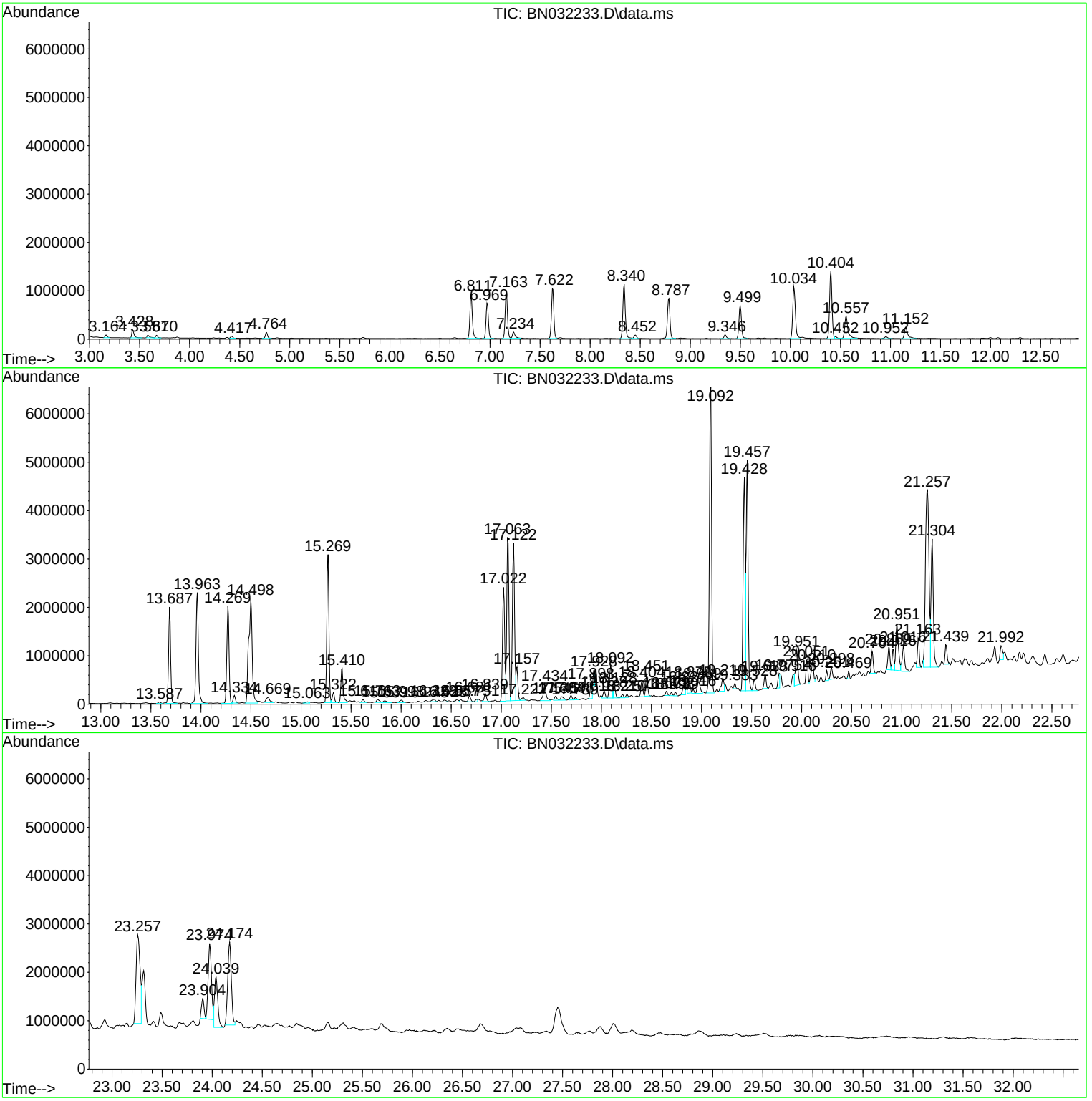
Sum of corrected areas: 123316588

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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

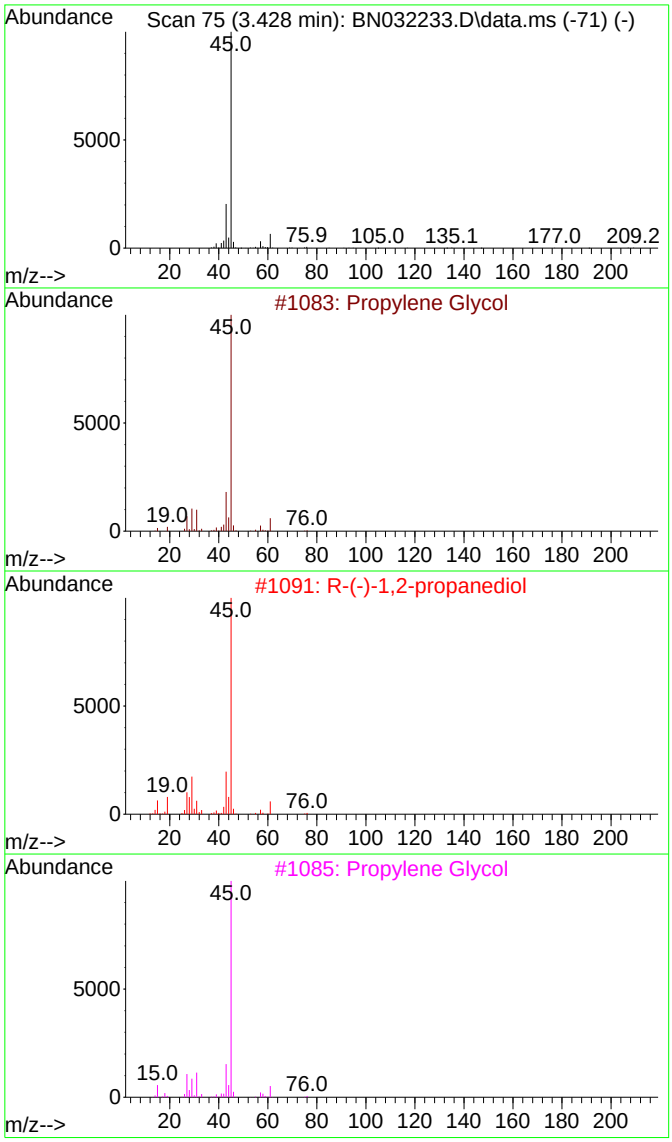
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

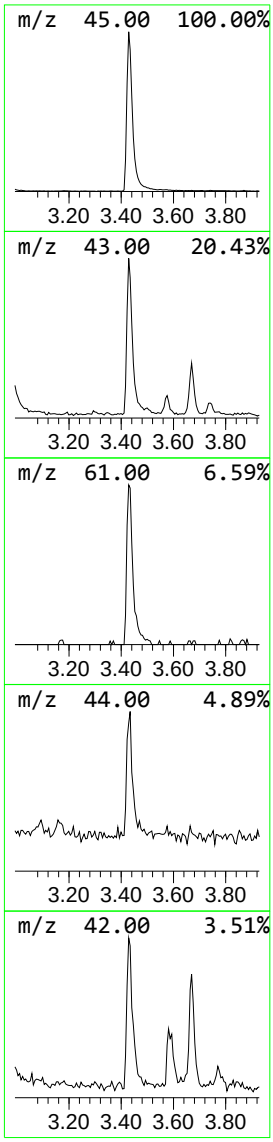
****

Peak Number 1 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.428	3.09 ng/ul	263377	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

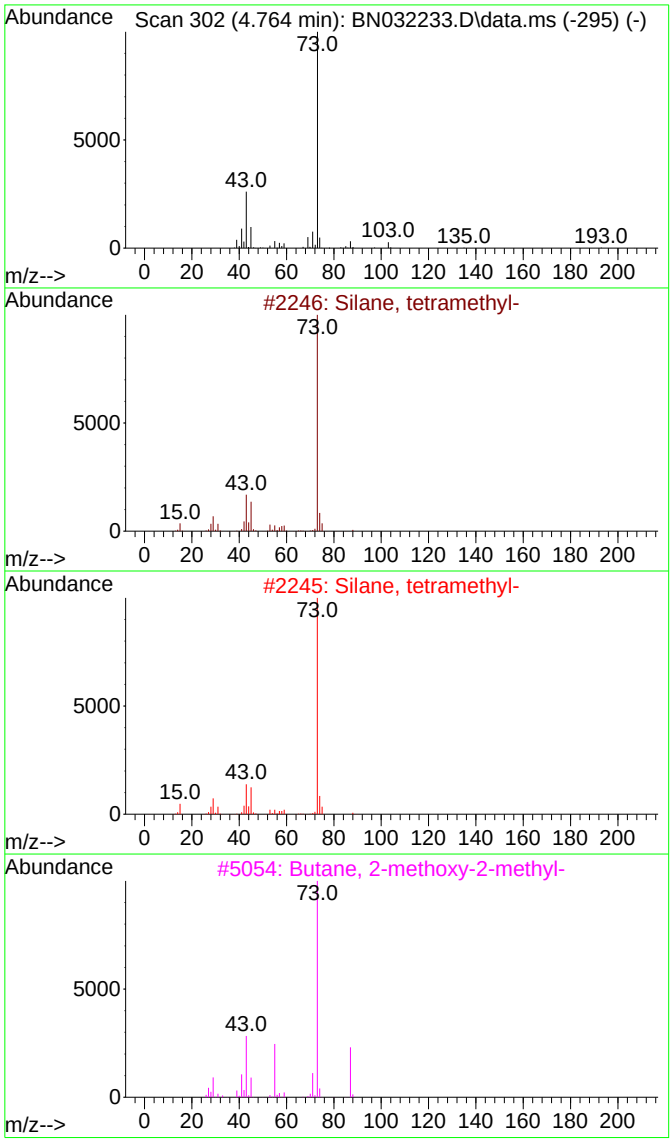
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

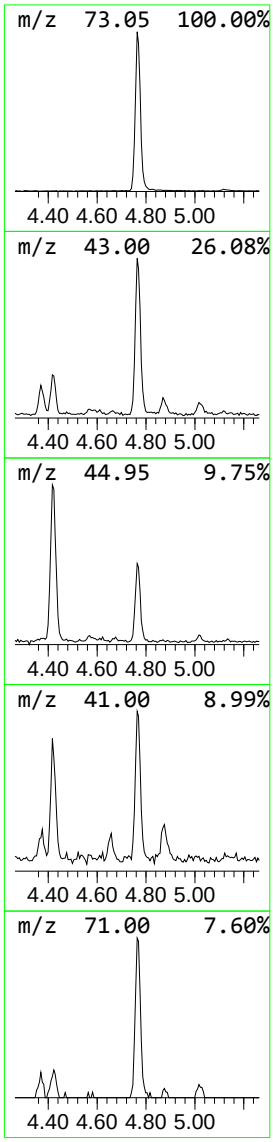
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.764	2.30 ng/ul	195822	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	33
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

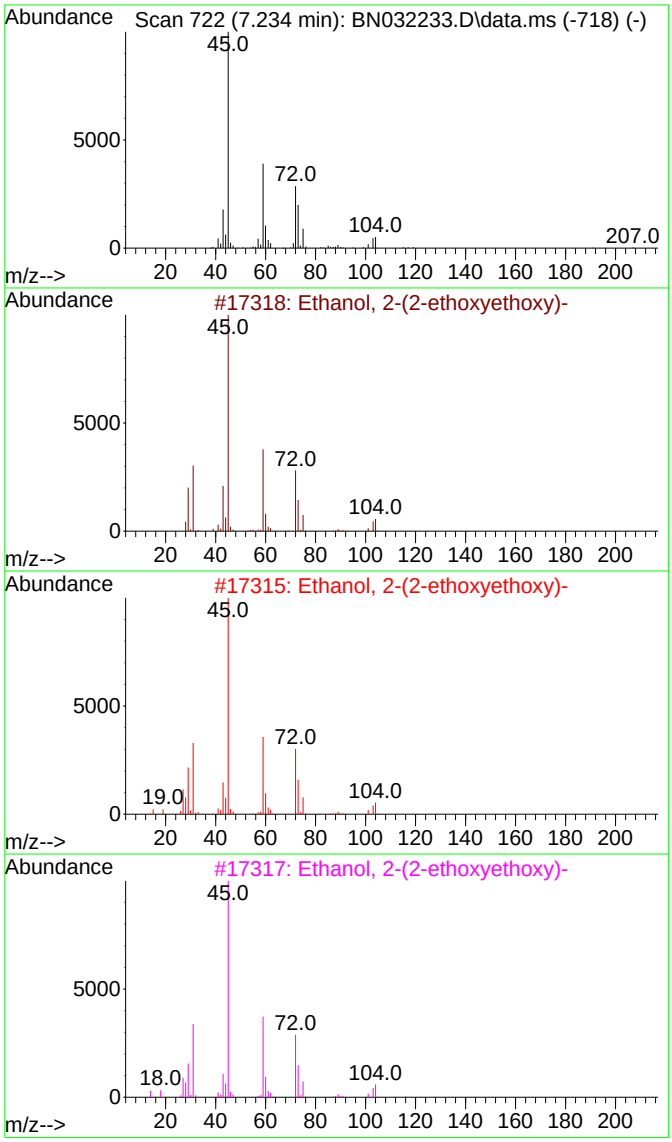
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

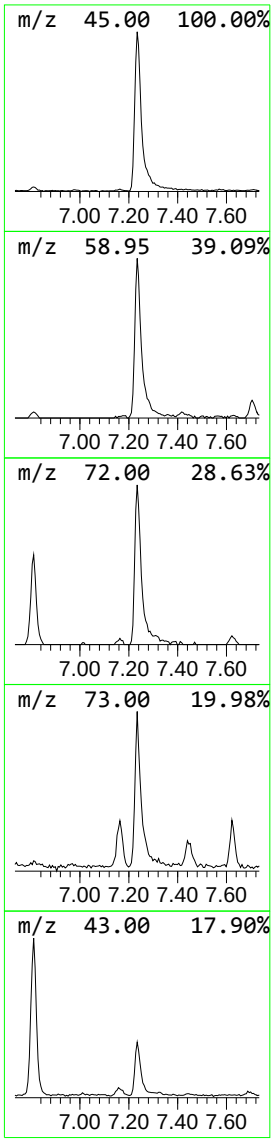
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	2.81 ng/ul	239093	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
5	Diethyl carbitol	162	C8H18O3	000112-36-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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

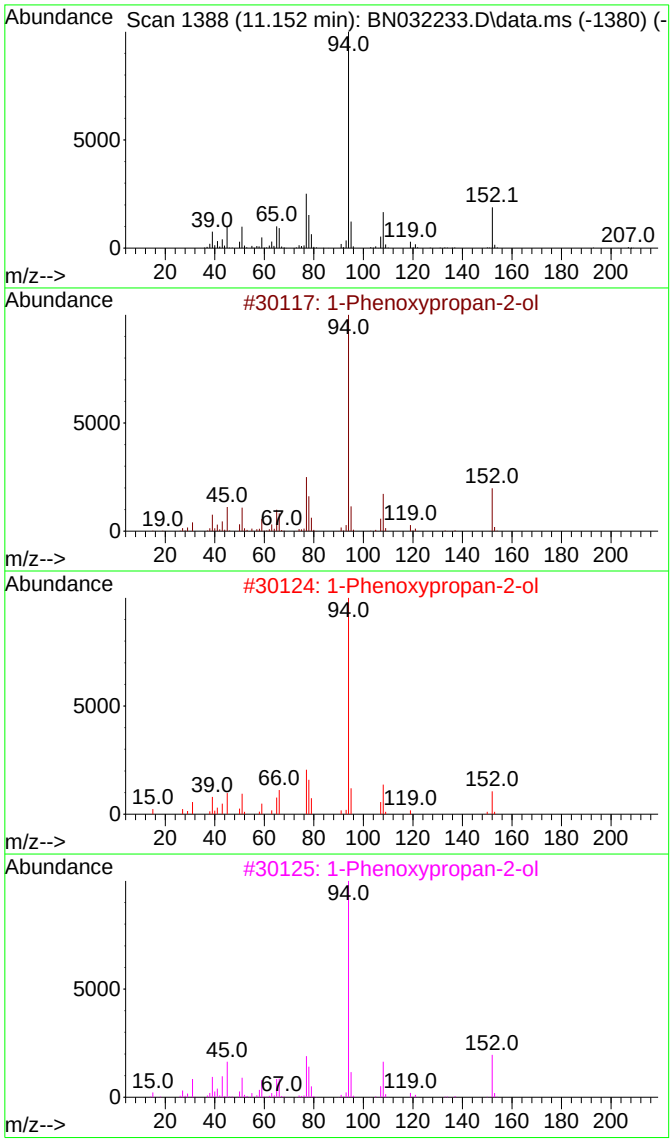
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

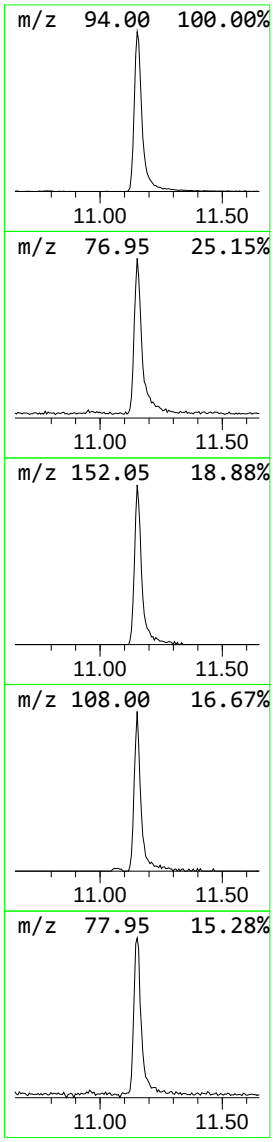
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.152	4.60 ng/ul	541109	Naphthalene-d8	10.405

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

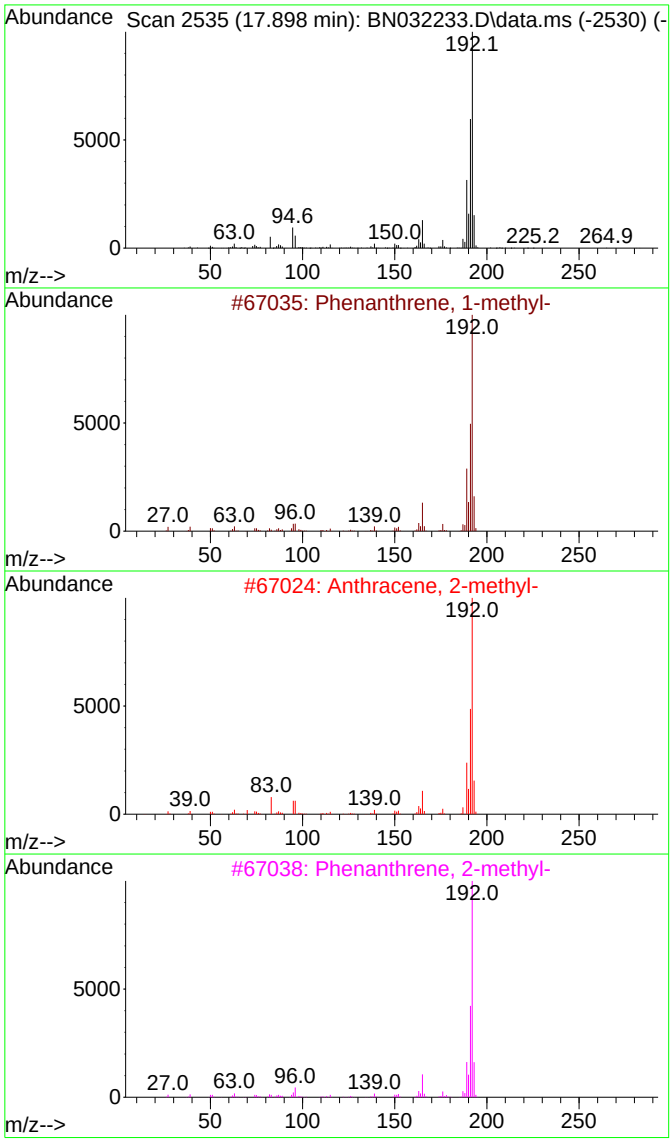
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

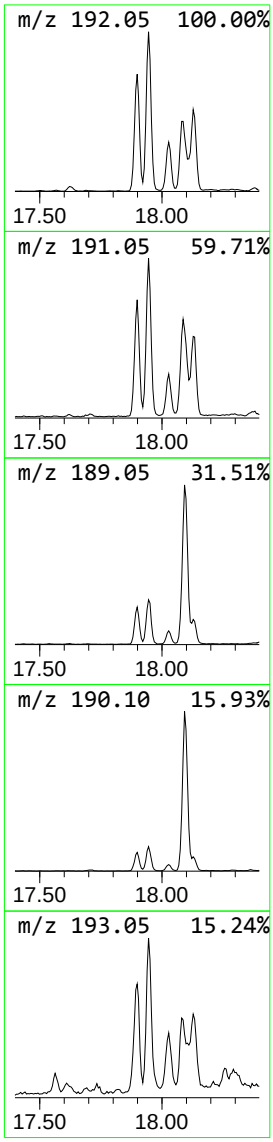
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	2.89 ng/ul	521123	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

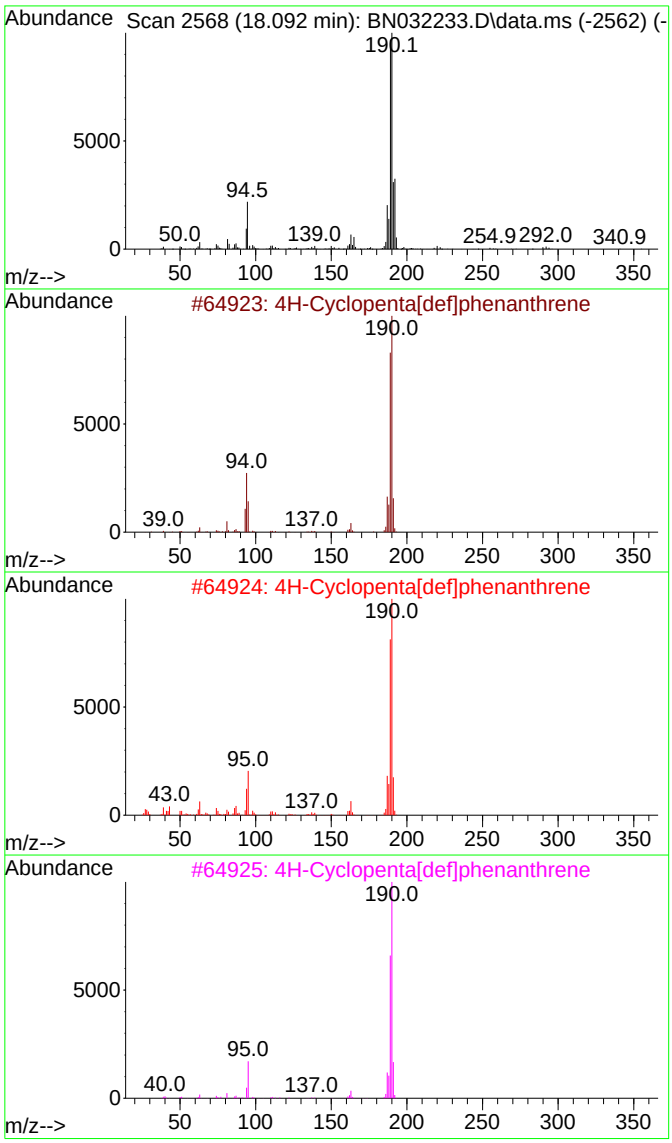
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

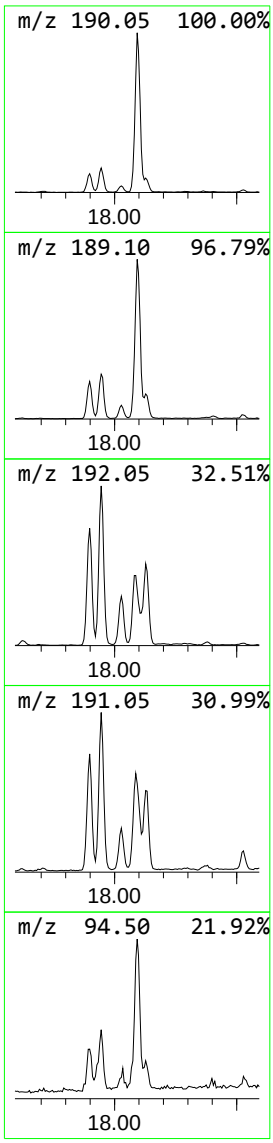
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	6.22 ng/ul	1120150	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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

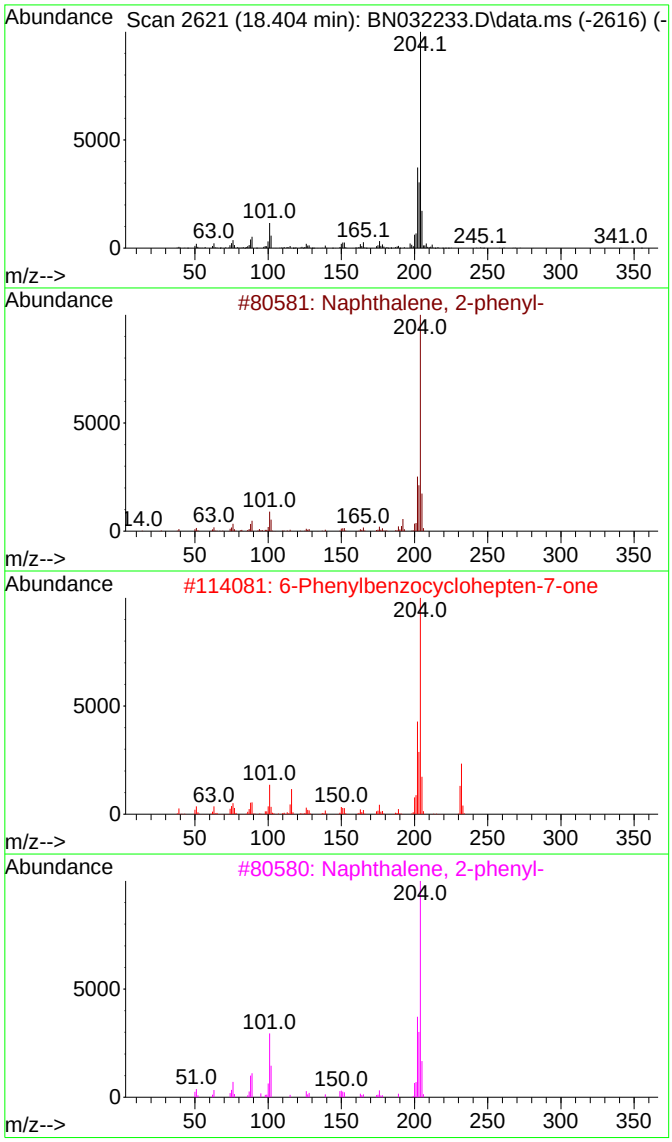
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

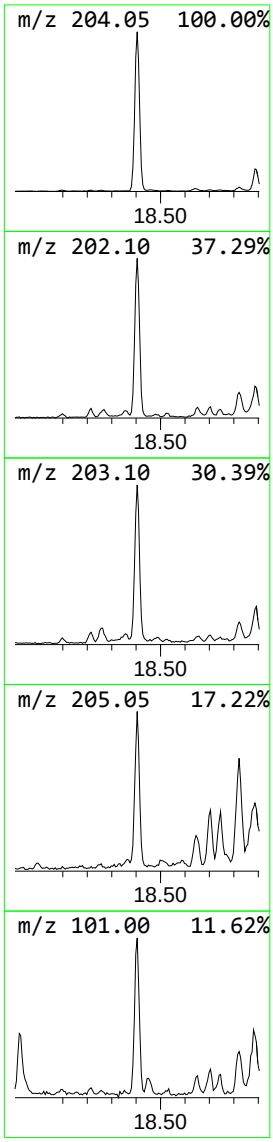
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.53 ng/ul	455348	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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

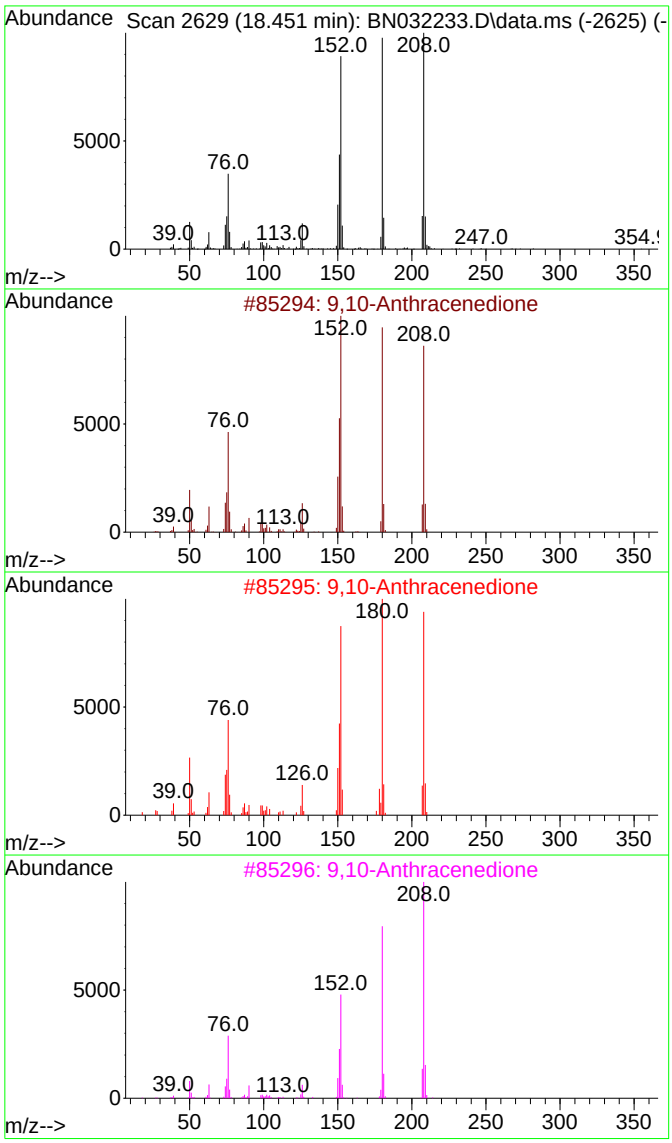
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

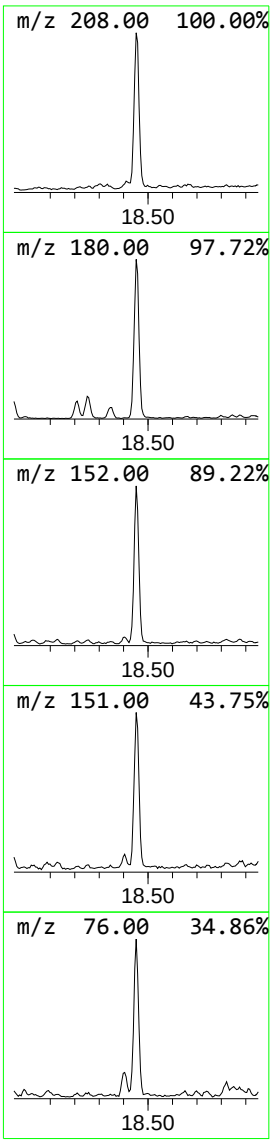
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.44 ng/ul	619542	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

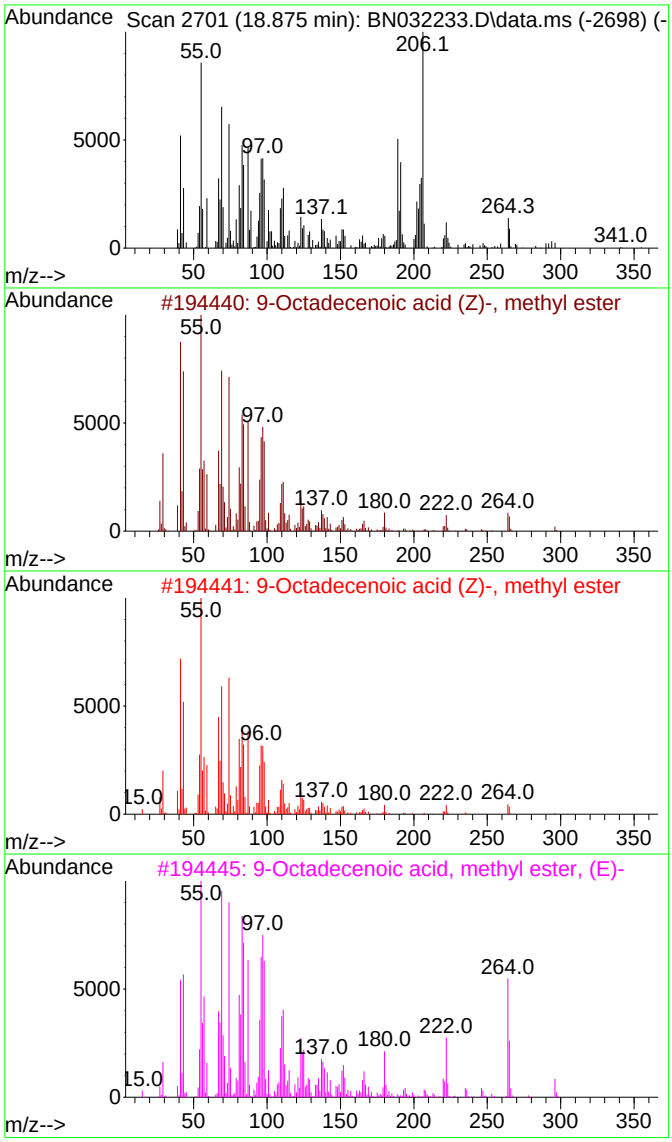
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

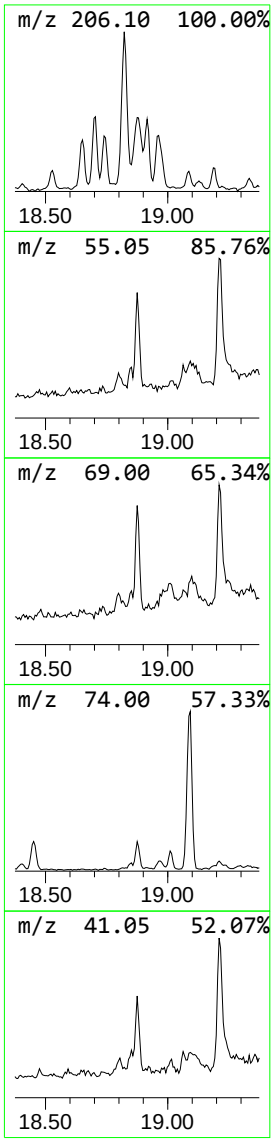
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	2.04 ng/ul	366893	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	97
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	91
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

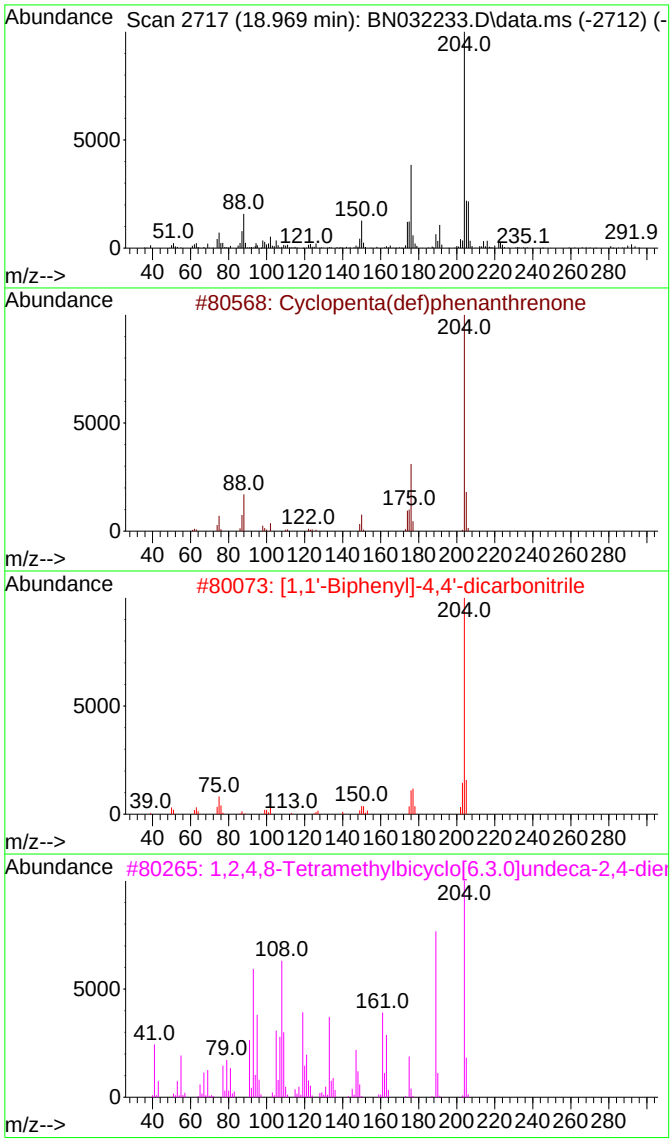
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

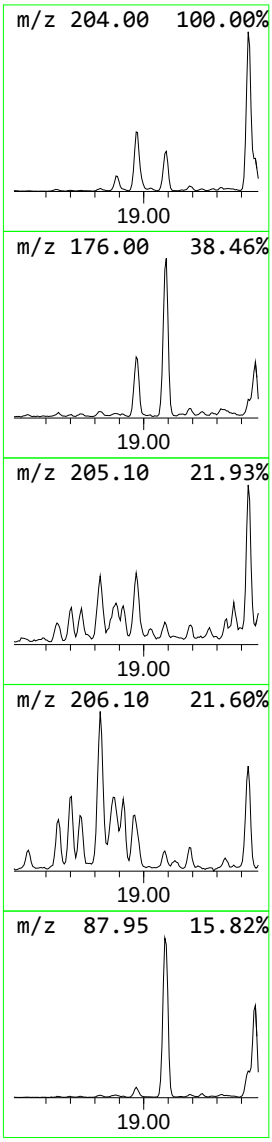
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	2.76 ng/ul	497471	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

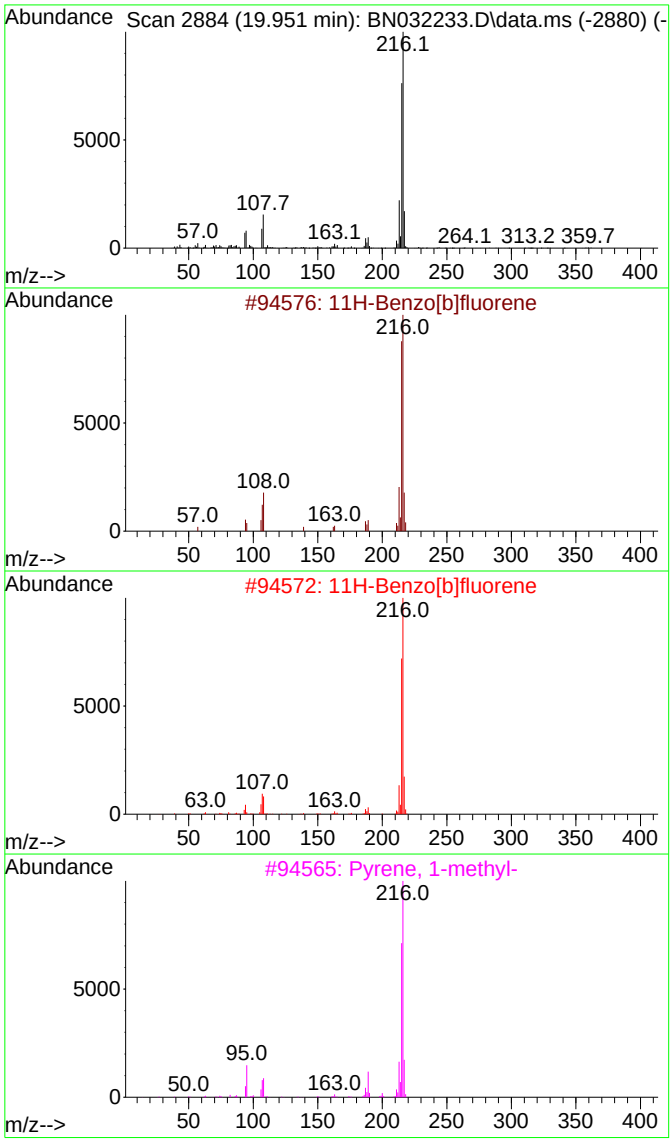
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

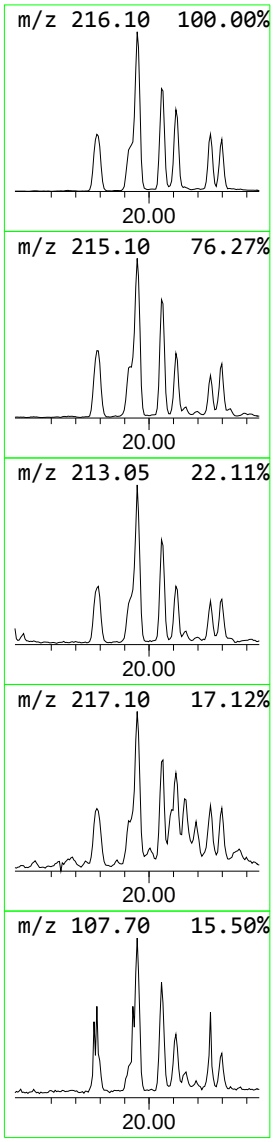
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.951	2.60 ng/ul	1165460	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

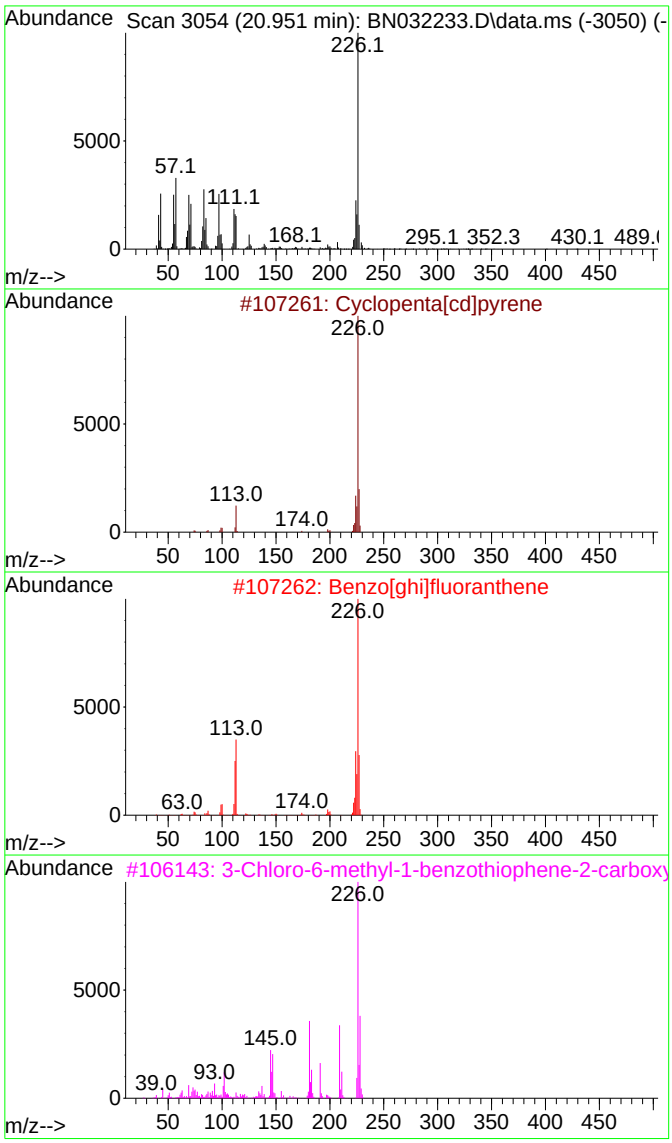
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

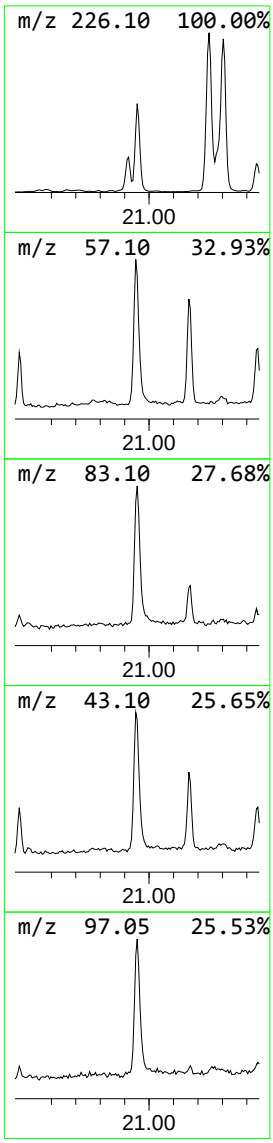
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	3.89 ng/ul	1742370	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	35
3	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	32
4	Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	28
5	Diheptylisobutylamine	269	C18H39N	1000310-32-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

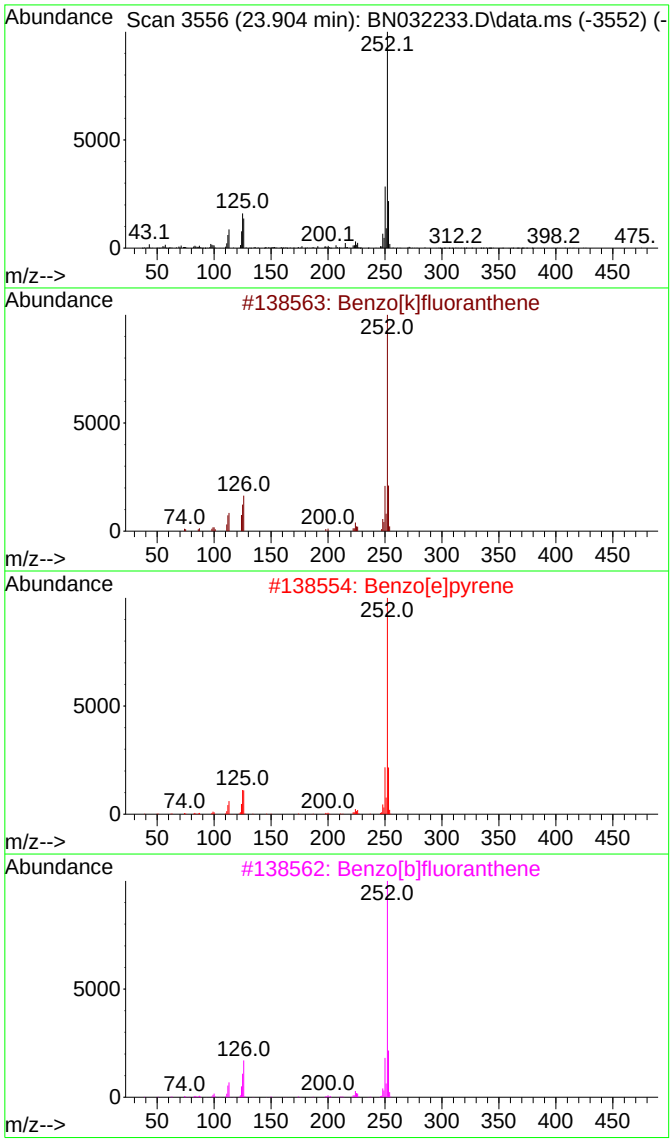
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

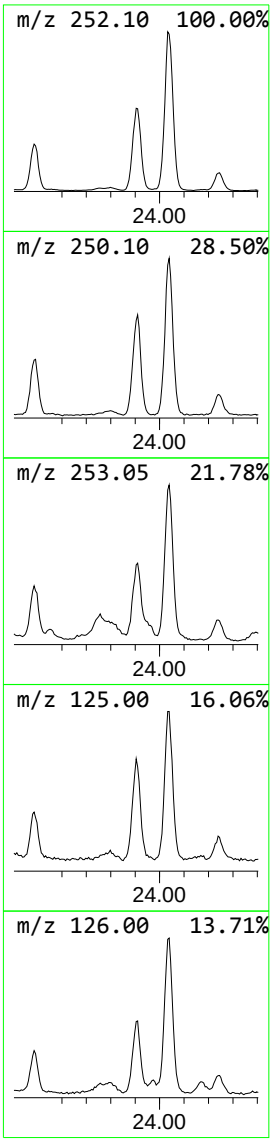
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.904	3.38 ng/ul	731268	Perylene-d12	24.174

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	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032233.D
Acq On : 25 Jun 2024 08:45
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C64

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
Propylene Glycol	3.428	3.1	ng/ul	263377	1	7.622	1702820	20.0
unknown-01	4.764	2.3	ng/ul	195822	1	7.622	1702820	20.0
Ethanol, 2-(2-e...	7.234	2.8	ng/ul	239093	1	7.622	1702820	20.0
1-Phenoxypropan...	11.152	4.6	ng/ul	541109	2	10.405	2352450	20.0
Phenanthrene, 1...	17.898	2.9	ng/ul	521123	4	17.022	3600670	20.0
4H-Cyclopenta[d...	18.092	6.2	ng/ul	1120150	4	17.022	3600670	20.0
Naphthalene, 2-...	18.404	2.5	ng/ul	455348	4	17.022	3600670	20.0
9,10-Anthracene...	18.451	3.4	ng/ul	619542	4	17.022	3600670	20.0
9-Octadecenoic ...	18.875	2.0	ng/ul	366893	4	17.022	3600670	20.0
Cyclopenta(def)...	18.969	2.8	ng/ul	497471	4	17.022	3600670	20.0
11H-Benzo[b]flu...	19.951	2.6	ng/ul	1165460	5	21.263	8959480	20.0
Cyclopenta[cd]p...	20.951	3.9	ng/ul	1742370	5	21.263	8959480	20.0
Benzo[e]pyrene	23.904	3.4	ng/ul	731268	6	24.174	4321510	20.0