LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4D48DL

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: BN032220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.816	642	651	666	rBV	158145	299311	3.17%	0.306%
2	6.975	672	678	690	rVB	133740	217784	2.31%	0.223%
3	7.163	703	710	720	rBV	176597	305741	3.24%	0.313%
4	7.628	781	789	802	rBV	946176	1580430	16.75%	1.616%
5	8.340	904	910	925	rBV	187313	368191	3.90%	0.377%
6	8.787	979	986	999	rBV	144722	265788	2.82%	0.272%
7	9.504	1101	1108	1123	rBV	107212	210971	2.24%	0.216%
8	10.040	1191	1199	1217	rBV	173214	363529	3.85%	0.372%
9	10.404	1253	1261	1267	rBV	1254847	2188822	23.20%	2.239%
10	10.457	1267	1270	1276	rVV	121149	192034	2.04%	0.196%
11	10.557	1280	1287	1300	rVV	114423	246775	2.62%	0.252%
12	12.075	1539	1545	1556	rBV	65121	114851	1.22%	0.117%
13	12.298	1574	1583	1590	rBV	49805	86064	0.91%	0.088%
14	13.439	1769	1777	1786	rBV3	25119	69453	0.74%	0.071%
15	13.586	1796	1802	1808	rBV	50198	93326	0.99%	0.095%
16	13.686	1814	1819	1831	rVB	395014	564842	5.99%	0.578%
17	13.963	1858	1866	1880	rBV	445009	745866	7.90%	0.763%
18	14.275	1910	1919	1924	rBV	1948567	2960414	31.37%	3.028%
19	14.333	1924	1929	1937	rVV	439823	695725	7.37%	0.712%
20	14.492	1948	1956	1967	rVV4	212042	683101	7.24%	0.699%
21	14.580	1967	1971	1977	rVV	49301	92925	0.98%	0.095%
22	14.675	1980	1987	1996	rVV	313830	522699	5.54%	0.535%
23	15.269	2082	2088	2093	rVV	616360	932116	9.88%	0.953%
24	15.322	2093	2097	2107	rVV	523934	820280	8.69%	0.839%
25	15.416	2107	2113	2116	rVV2	129062	212800	2.26%	0.218%
26	15.445	2116	2118	2121	rVV	71188	95036	1.01%	0.097%
27	15.486	2121	2125	2129	rVV2	90241	141892	1.50%	0.145%
28	15.533	2129	2133	2137	rVV	75831	121336	1.29%	0.124%
29	15.575	2137	2140	2143	rVV2	46062	68138	0.72%	0.070%
30	15.622	2143	2148	2156	rVB	125663	205504	2.18%	0.210%
31	15.769	2168	2173	2181	rVV	149571	308911	3.27%	0.316%
32	15.857	2181	2188	2196	rVB2	37172	91910	0.97%	0.094%
33	16.327	2258	2268	2273	rVV4	108936	265978	2.82%	0.272%
34	16.380	2273	2277	2282	rVB2	50271	70645	0.75%	0.072%
35	16.480	2290	2294	2299	rVB	57521	86878	0.92%	0.089%
36	16.557	2299	2307	2310	rBV4	138699	240792	2.55%	0.246%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

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	16.598	2310	2314	2317	rVB2	53122	69279	0.73%	0.071%
38	16.686	2324	2329	2335	rVB2	76024	130211	1.38%	0.133%
39	16.774	2335	2344	2348	rBV2	125458	299539	3.17%	0.306%
40	16.845	2351	2356	2363	rVB	342473	511776	5.42%	0.523%
41	17.027	2378	2387	2390	rBV	2373059	3834095	40.63%	3.921%
42	17.069	2390	2394	2399	rVV	5531499	7690217	81.50%	7.865%
43	17.121	2399	2403	2406	rVV2	799690	1222398	12.95%	1.250%
44	17.157	2406	2409	2414	rVV	1516063	2062055	21.85%	2.109%
45	17.221	2414	2420	2425	rVB2	151311	321071	3.40%	0.328%
46	17.433	2447	2456	2461	rBV2	541030	995769	10.55%	1.018%
47	17.545	2471	2475	2481	rBV4	86107	133439	1.41%	0.136%
48	17.627	2481	2489	2494	rVB2	229394	468425	4.96%	0.479%
49	17.739	2504	2508	2517	rVB3	81395	135322	1.43%	0.138%
50	17.898	2526	2535	2539	rBV	545002	954781	10.12%	0.977%
51	17.945	2539	2543	2550	rVB	824733	1222146	12.95%	1.250%
52	18.027	2552	2557	2562	rVB	378030	516289	5.47%	0.528%
53	18.098	2562	2569	2572	rBV4	1031602	1749544	18.54%	1.789%
54	18.127	2572	2574	2582	rVB2	358453	643151	6.82%	0.658%
55	18.204	2582	2587	2592	rVB4	133393	234641	2.49%	0.240%
56	18.257	2592	2596	2600	rBV	89100	115760	1.23%	0.118%
57	18.404	2614	2621	2626	rVV	450423	693739	7.35%	0.710%
58	18.457	2626	2630	2633	rVB	100709	132626	1.41%	0.136%
59	18.651	2659	2663	2668	rBV3	129152	190014	2.01%	0.194%
60	18.704	2668	2672	2675	rVV	93475	122644	1.30%	0.125%
61	18.739	2675	2678	2682	rVB	116481	149644	1.59%	0.153%
62	18.821	2687	2692	2696	rBV2	238459	402234	4.26%	0.411%
63	18.892	2698	2704	2706	rVV2	155091	312298	3.31%	0.319%
64	18.916	2706	2708	2712	rVV2	135790	164080	1.74%	0.168%
65	18.963	2712	2716	2725	rVB5	201076	431342	4.57%	0.441%
66	19.092	2732	2738	2745	rBV	6300614	8767516	92.92%	8.967%
67	19.157	2745	2749	2752	rBV	80184	111534	1.18%	0.114%
68	19.192	2752	2755	2759	rBV	113818	137118	1.45%	0.140%
69	19.292	2767	2772	2774	rBV4	67792	122271	1.30%	0.125%
70	19.333	2775	2779	2783	rVB2	148229	228309	2.42%	0.234%
71	19.427	2789	2795	2797	rBV4	2114528	3299623	34.97%	3.375%
72	19.457	2797	2800	2808	rVV	4499702	6184529	65.54%	6.325%
73	19.527	2808	2812	2818	rVB2	325549	487433	5.17%	0.499%
74	19.639	2826	2831	2835	rBV	398423	565442	5.99%	0.578%
75	19.698	2837	2841	2846	rVB	225114	353610	3.75%	0.362%
76	19.915	2873	2878	2879	rBV2	275322	386780	4.10%	0.396%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

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	19.951	2880	2884	2889	rVV	990042	1497089	15.87%	1.531%
78	20.004	2890	2893	2897	rVV4	80638	139694	1.48%	0.143%
79	20.057	2897	2902	2905	rVV	855145	1197325	12.69%	1.225%
80	20.110	2905	2911	2915	rVV2	557670	1132758	12.00%	1.159%
81	20.145	2915	2917	2922	rVV2	199687	299077	3.17%	0.306%
82	20.192	2922	2925	2929	rVB	126401	172858	1.83%	0.177%
83	20.251	2931	2935	2938	rBV	216126	287070	3.04%	0.294%
84	20.298	2939	2943	2947	rVV3	278652	388888	4.12%	0.398%
85	20.662	3002	3005	3009	rBV3	139122	233613	2.48%	0.239%
86	20.704	3009	3012	3018	rVB	285109	420770	4.46%	0.430%
87	20.874	3037	3041	3044	rBV	377728	488057	5.17%	0.499%
88	20.915	3044	3048	3051	rVV	444439	541197	5.74%	0.554%
89	20.957	3051	3055	3060	rVV3	334285	636911	6.75%	0.651%
90	21.251	3096	3105	3111	rBV3	3918001	9436057	100.00%	9.651%
91	21.304	3111	3114	3125	rVB	2641331	3937669	41.73%	4.027%
92	21.439	3134	3137	3146	rVB	331288	507211	5.38%	0.519%
93	21.927	3217	3220	3225	rVB	407976	603419	6.39%	0.617%
94	21.992	3228	3231	3240	rVB	250922	408332	4.33%	0.418%
95	22.174	3259	3262	3265	rBV3	158551	228272	2.42%	0.233%
96	23.256	3439	3446	3453	rBV2	1509530	4603936	48.79%	4.709%
97	23.486	3480	3485	3492	rVB	301260	604299	6.40%	0.618%
98	23.903	3552	3556	3563	rBV	247366	499474	5.29%	0.511%
99	24.033	3573	3578	3591	rVB	846897	2053776	21.77%	2.101%
100	24.174	3594	3602	3610	rBV2	1776066	4373976	46.35%	4.473%

Sum of corrected areas: 97775280

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
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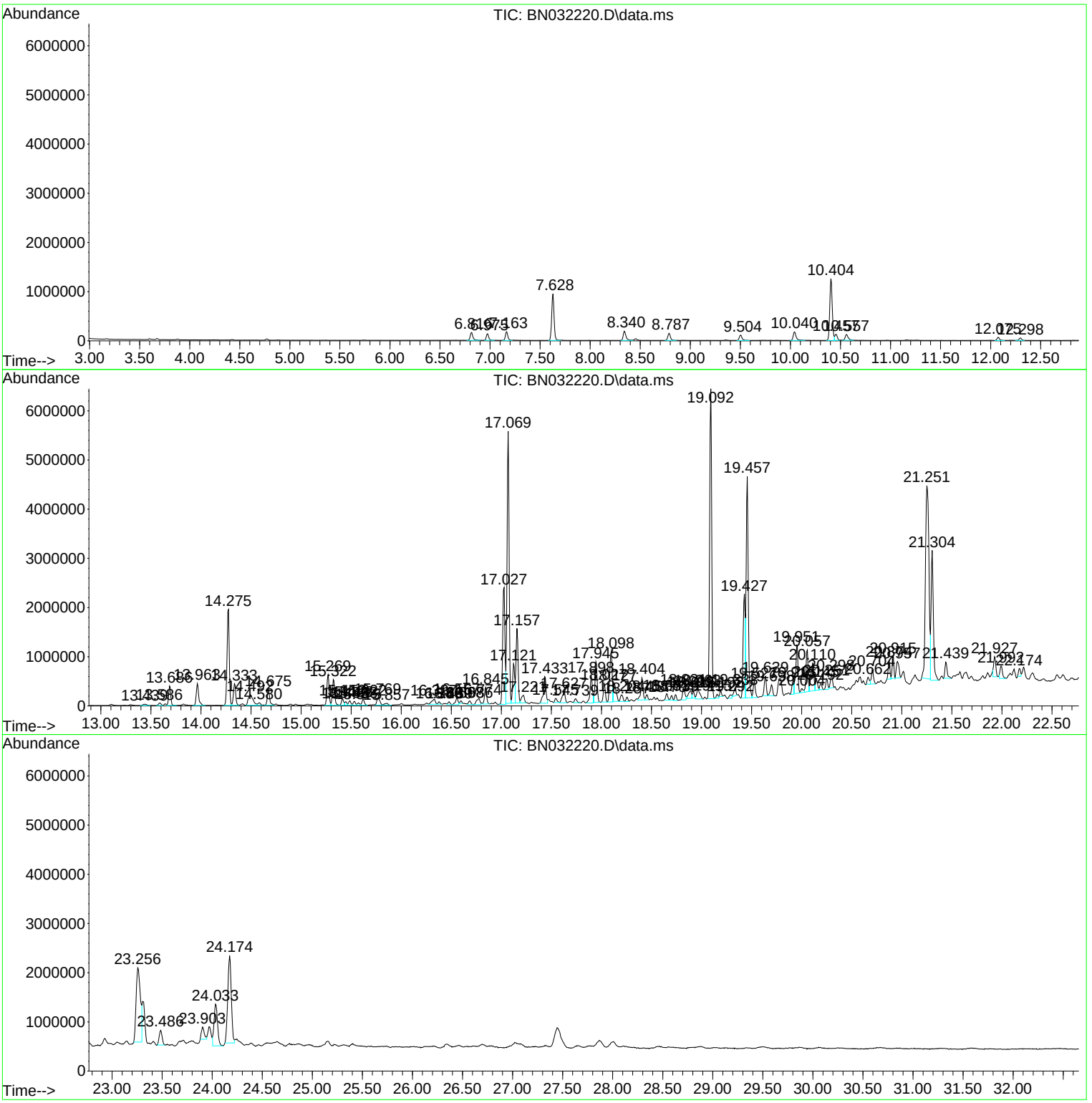
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

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 : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

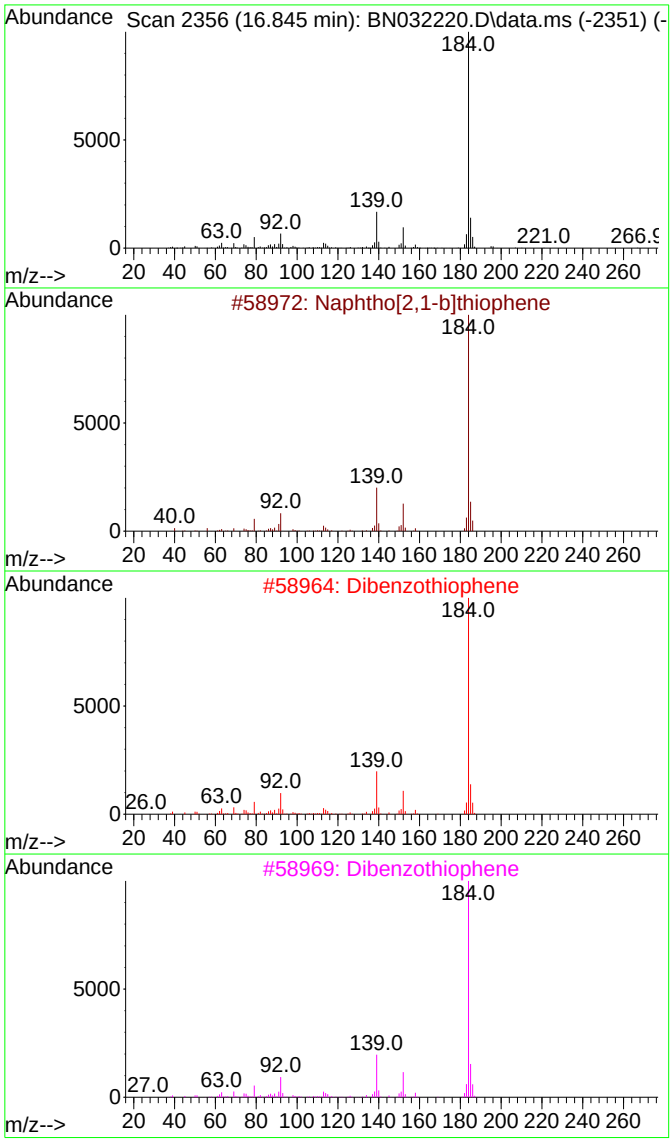
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

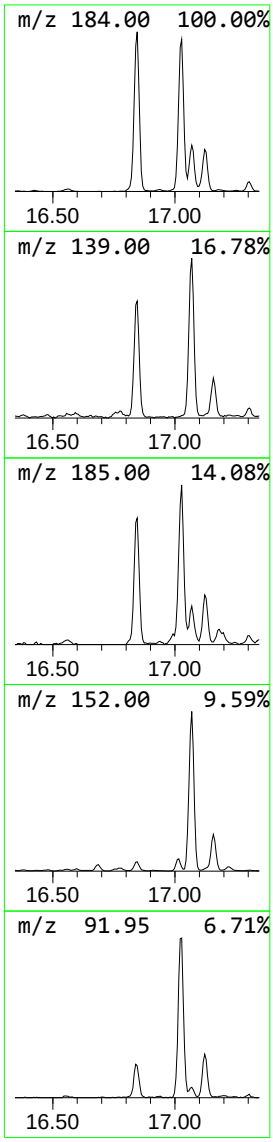
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	2.67 ng/ul	511776	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

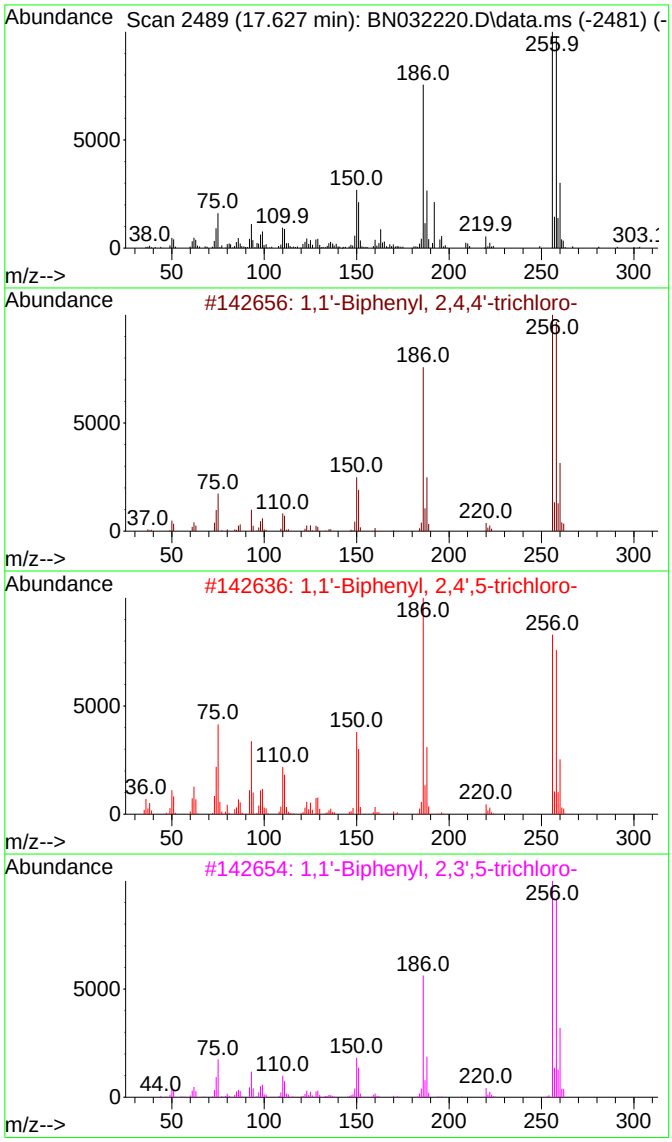
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

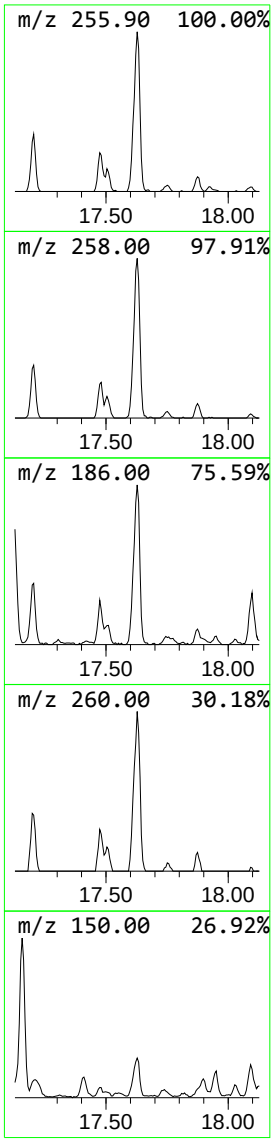
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.627	2.44 ng/ul	468425	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
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Instrument :
BNA_N
ClientSampleId :
A4D48DL

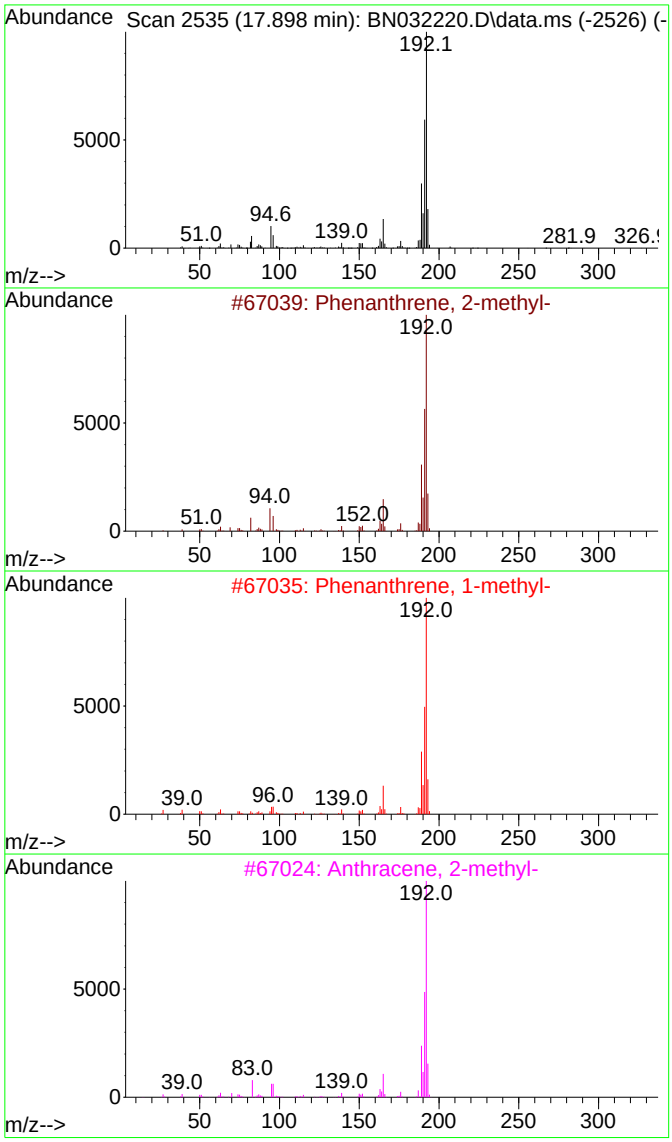
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

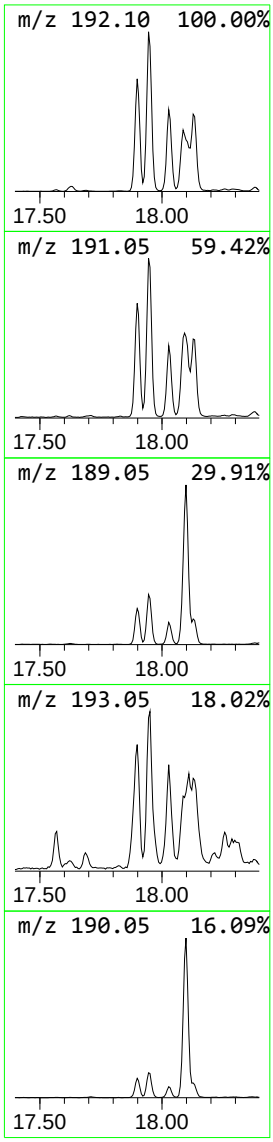
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	4.98 ng/ul	954781	Phenanthrene-d10	17.027

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

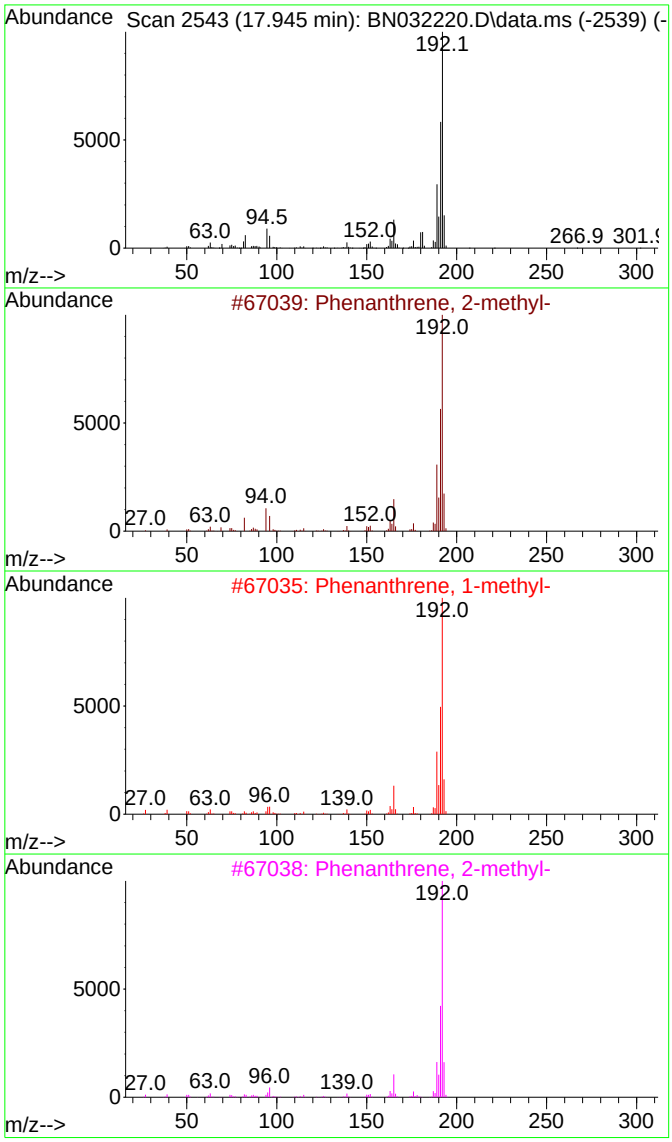
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

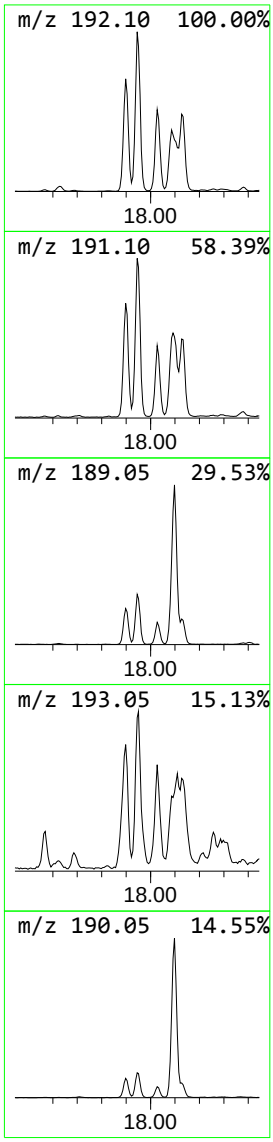
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	6.38 ng/ul	1222150	Phenanthrene-d10	17.027

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

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

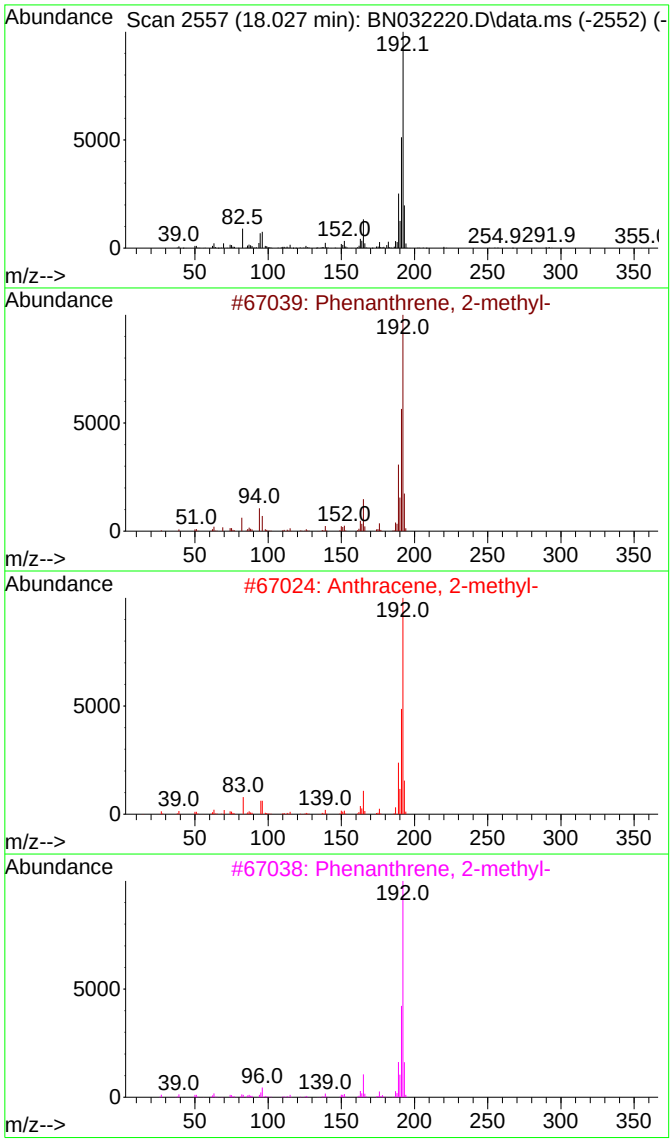
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

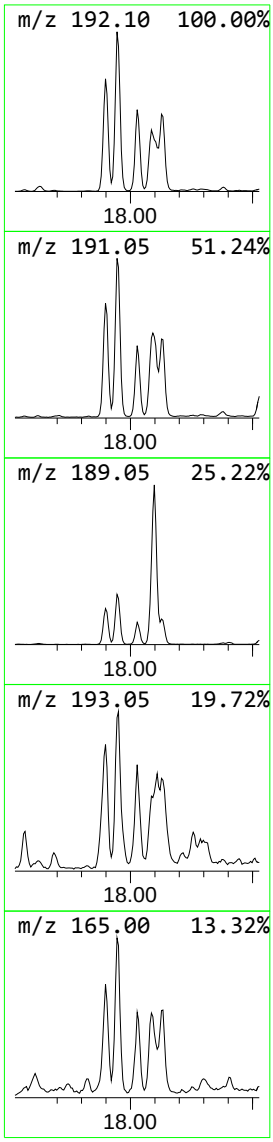
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	2.69 ng/ul	516289	Phenanthrene-d10	17.027

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





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Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

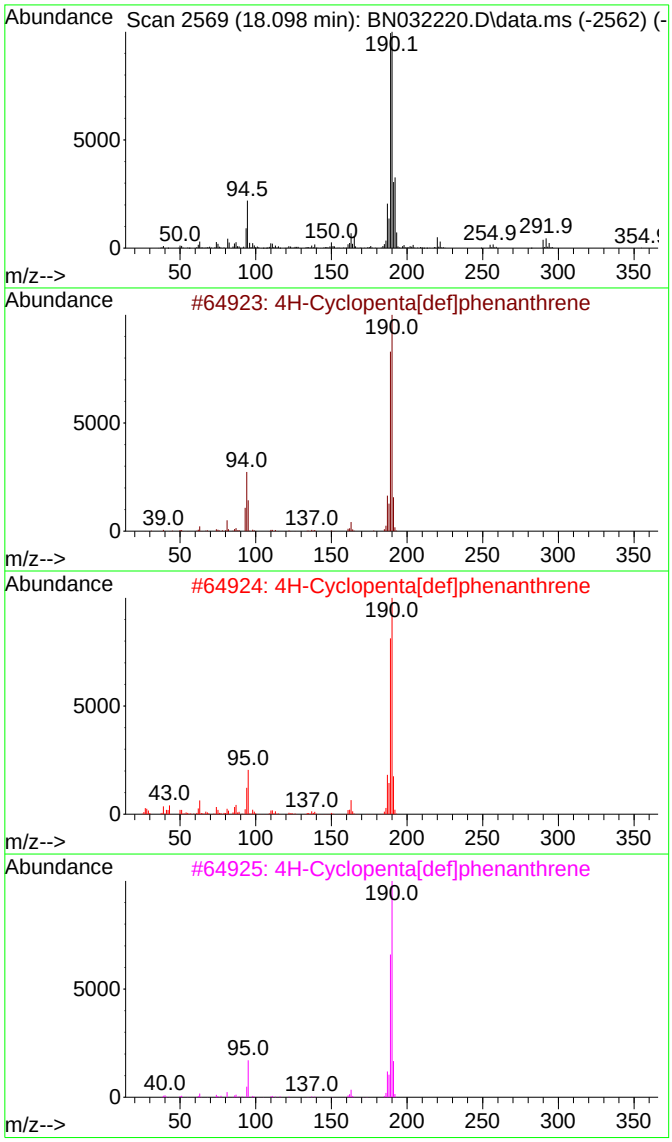
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

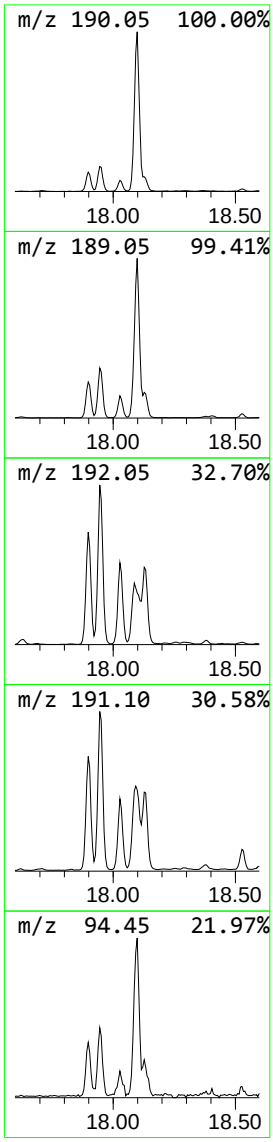
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	9.13 ng/ul	1749540	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

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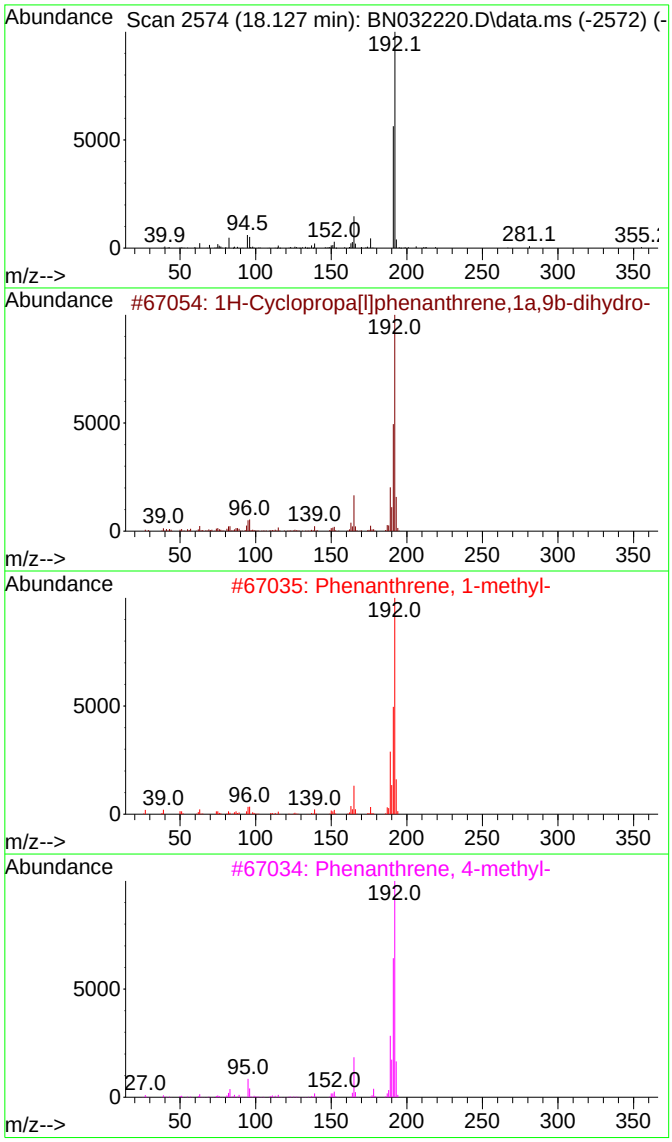
Quant Title : SVOA CALIBRATION

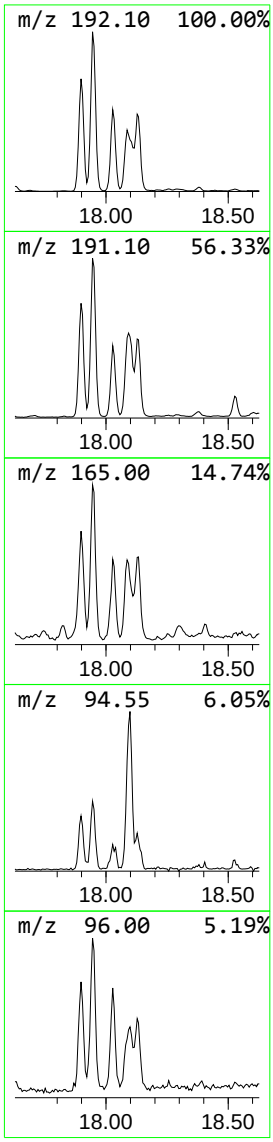
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	3.35 ng/ul	643151	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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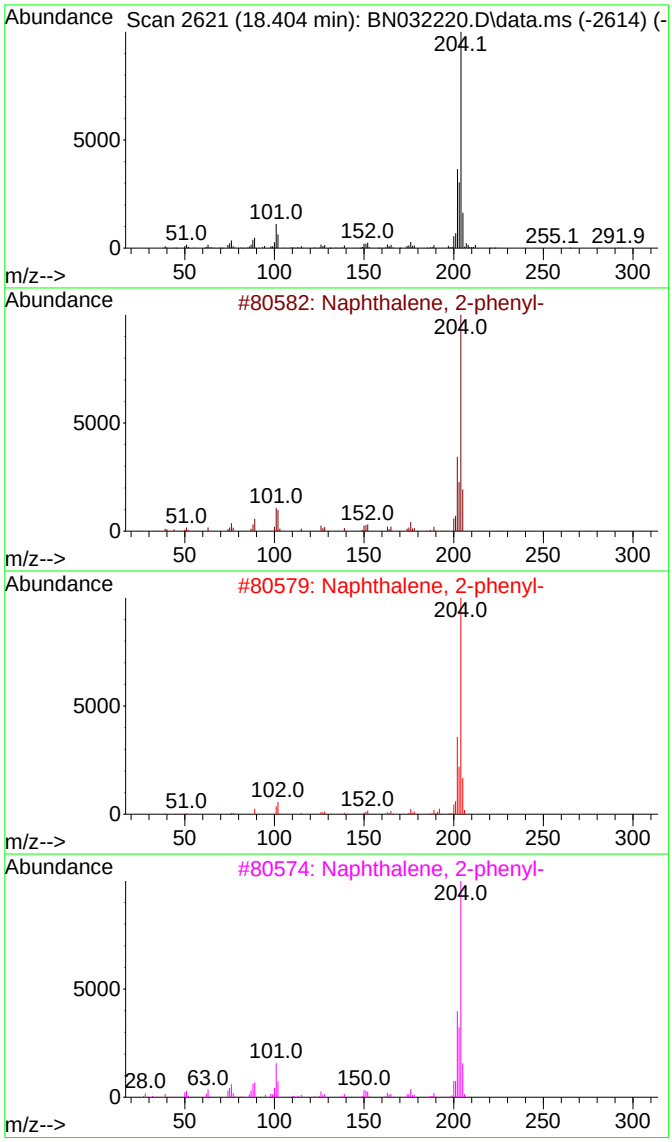
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

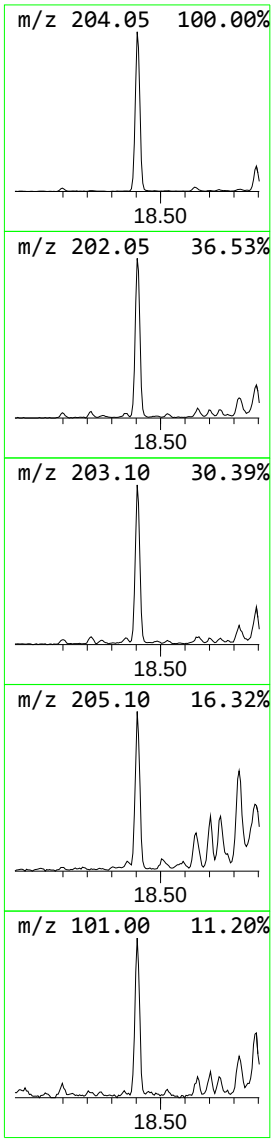
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	3.62 ng/ul	693739	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90





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Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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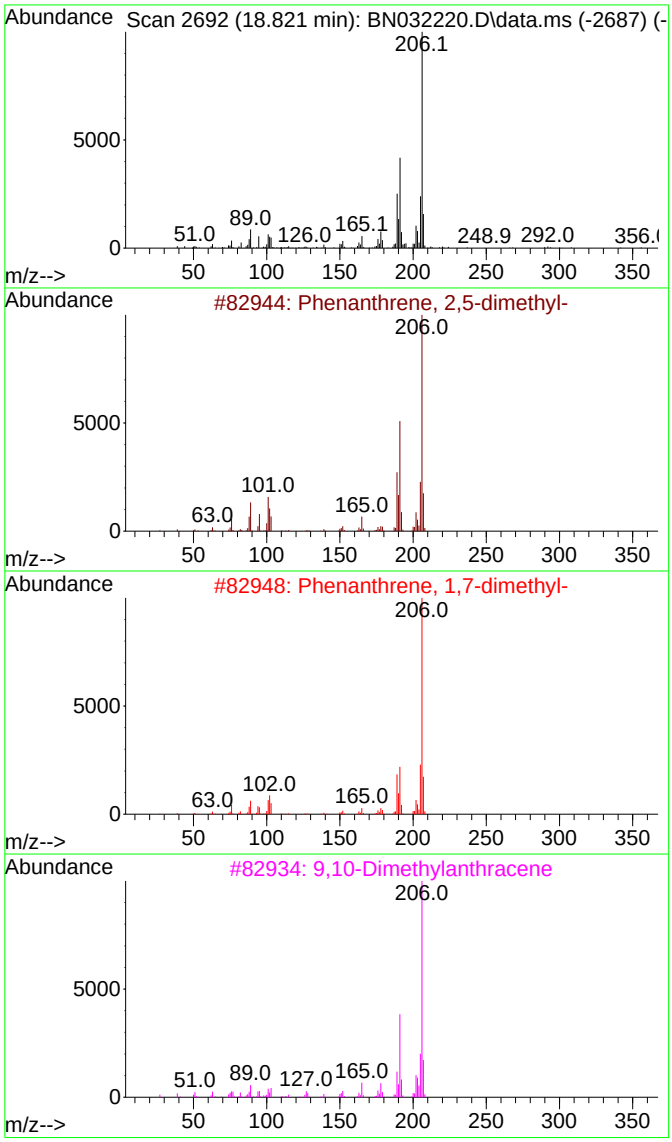
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

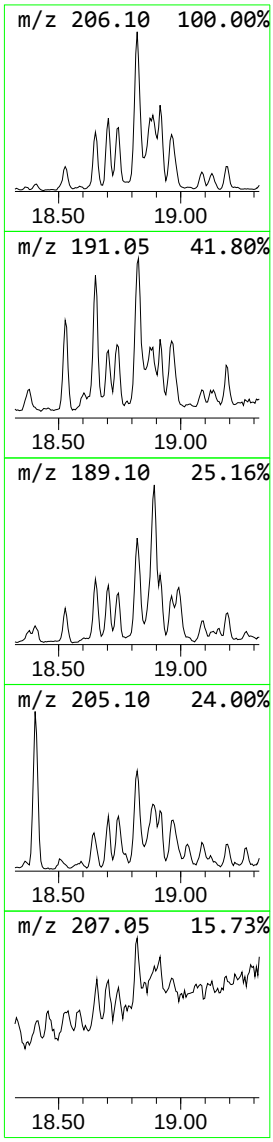
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.821	2.10 ng/ul	402234	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

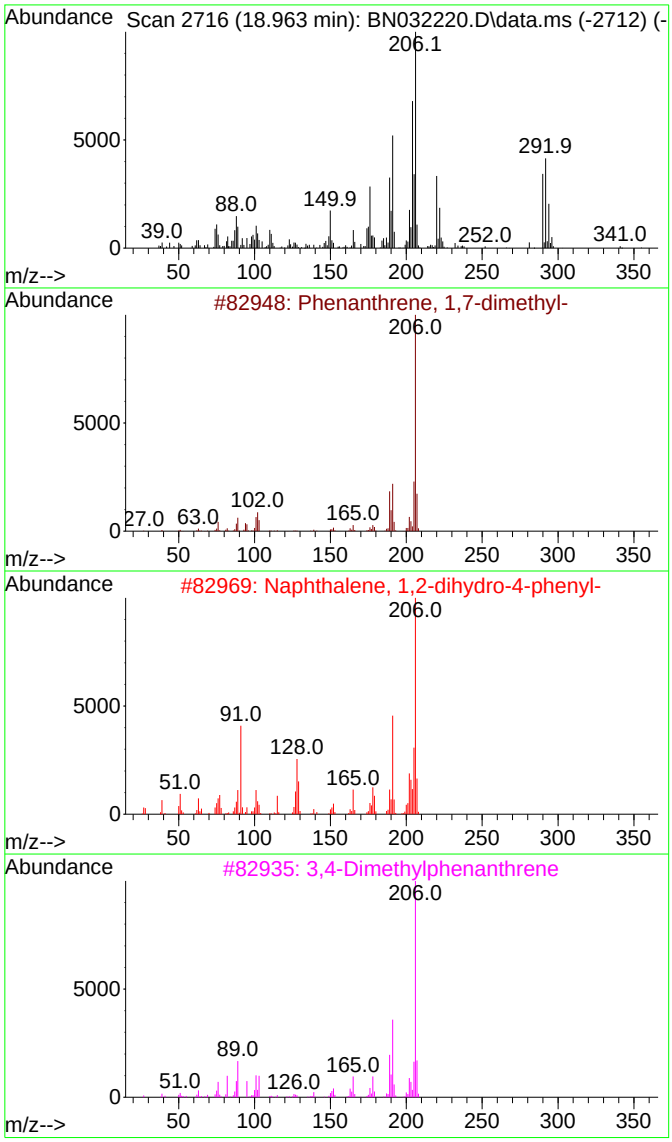
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

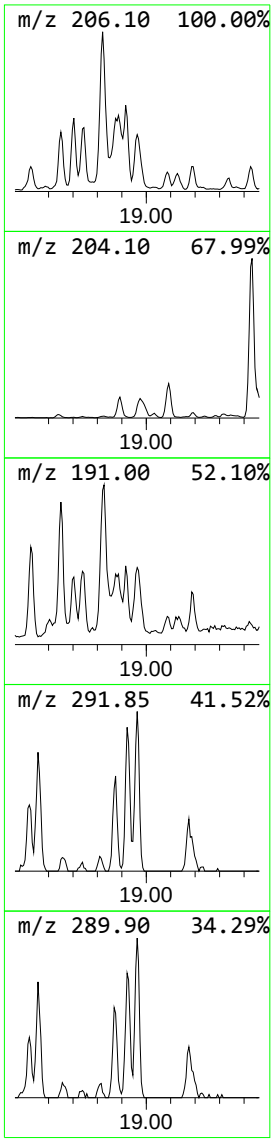
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	2.25 ng/ul	431342	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	46
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	45





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Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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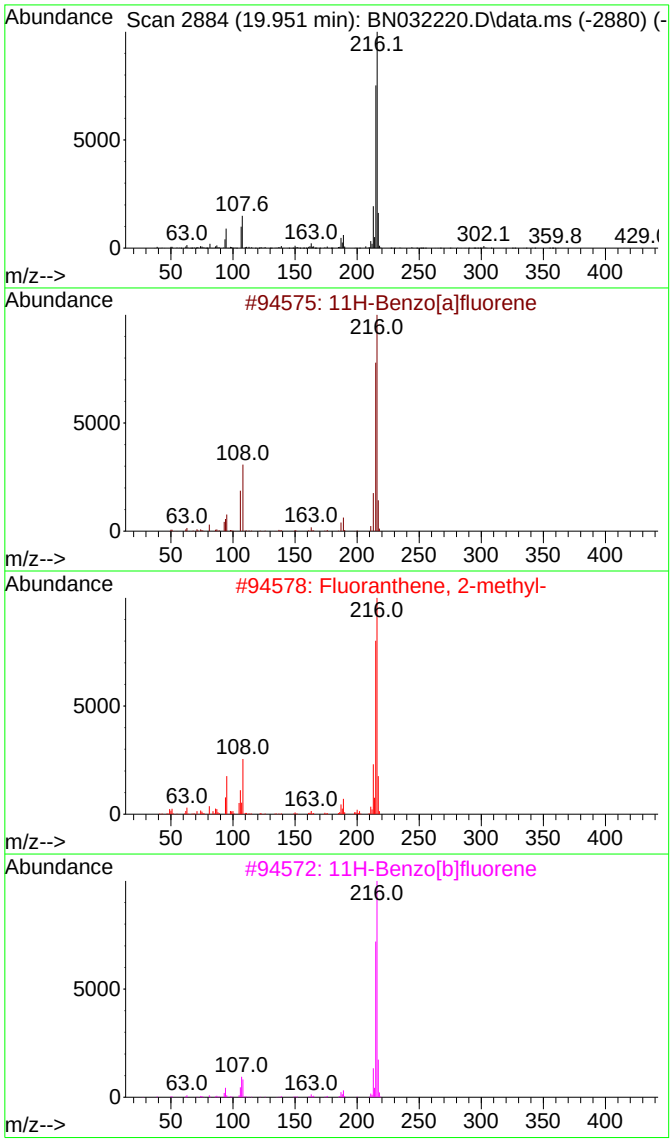
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

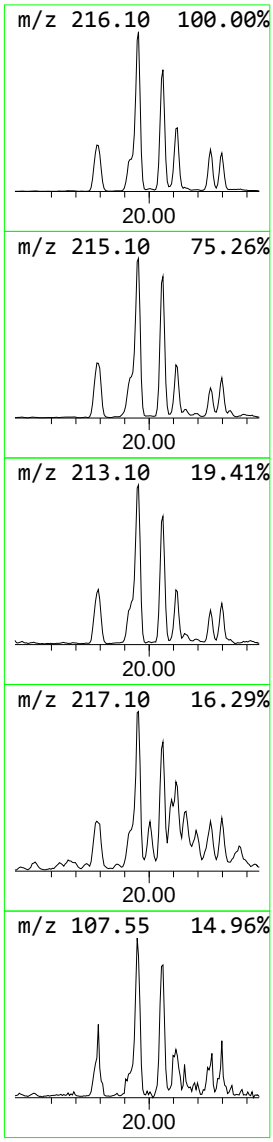
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.951	3.17 ng/ul	1497090	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

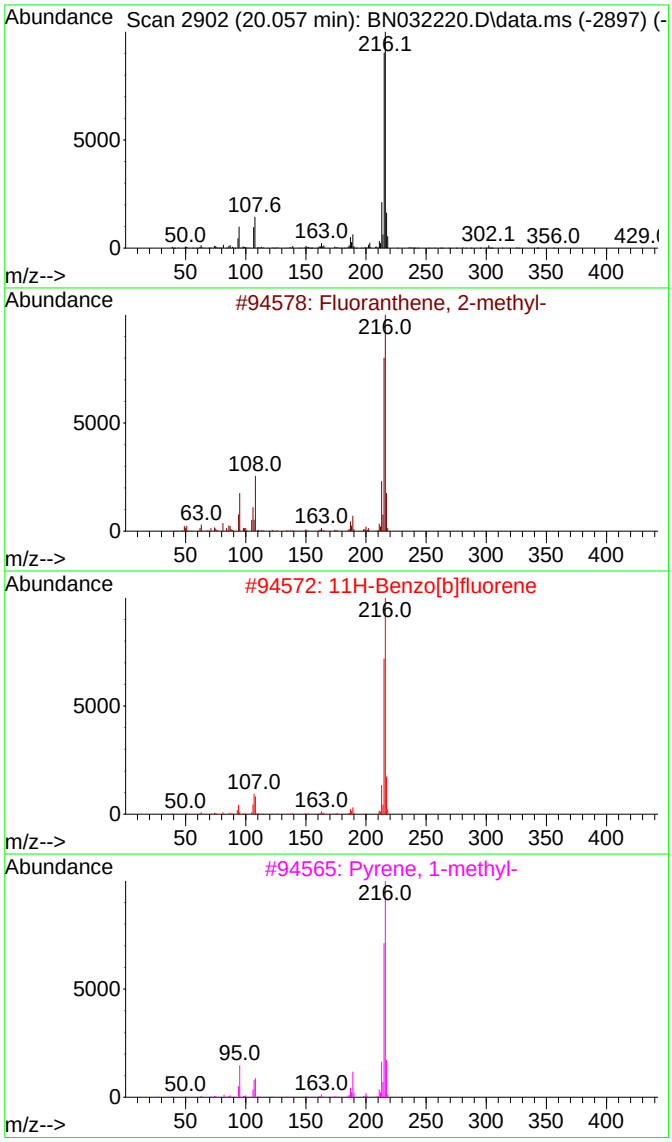
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

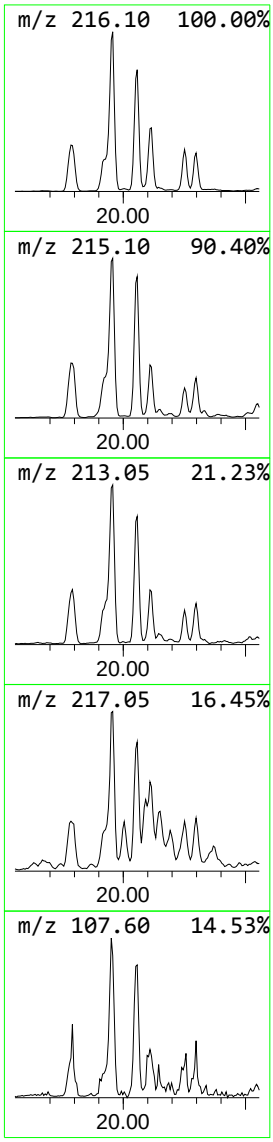
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	2.54 ng/ul	1197330	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

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

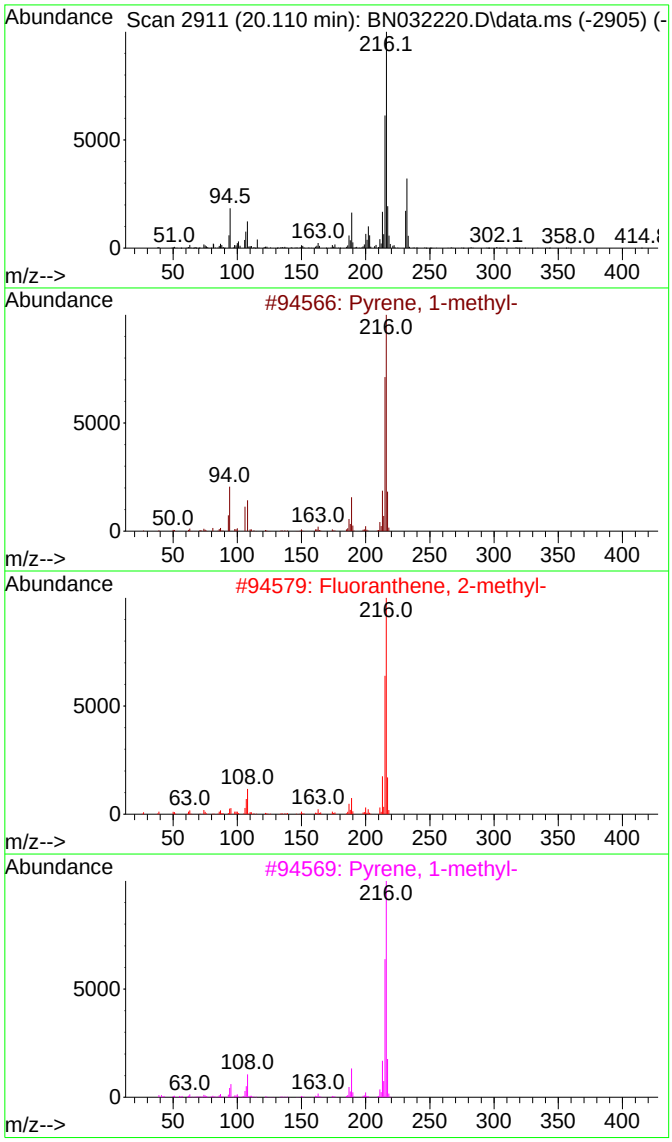
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

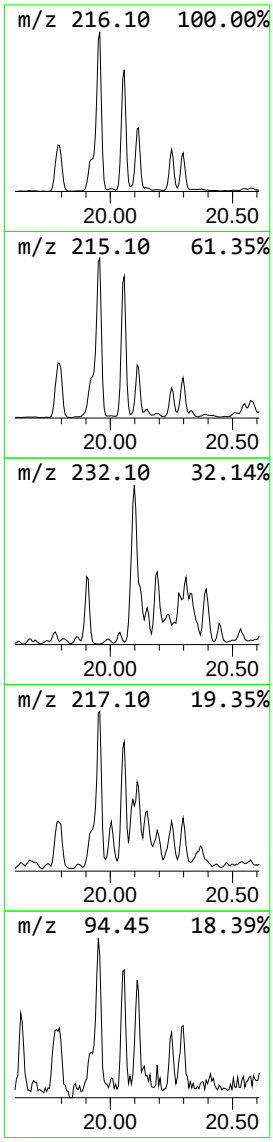
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	2.40 ng/ul	1132760	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92





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Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

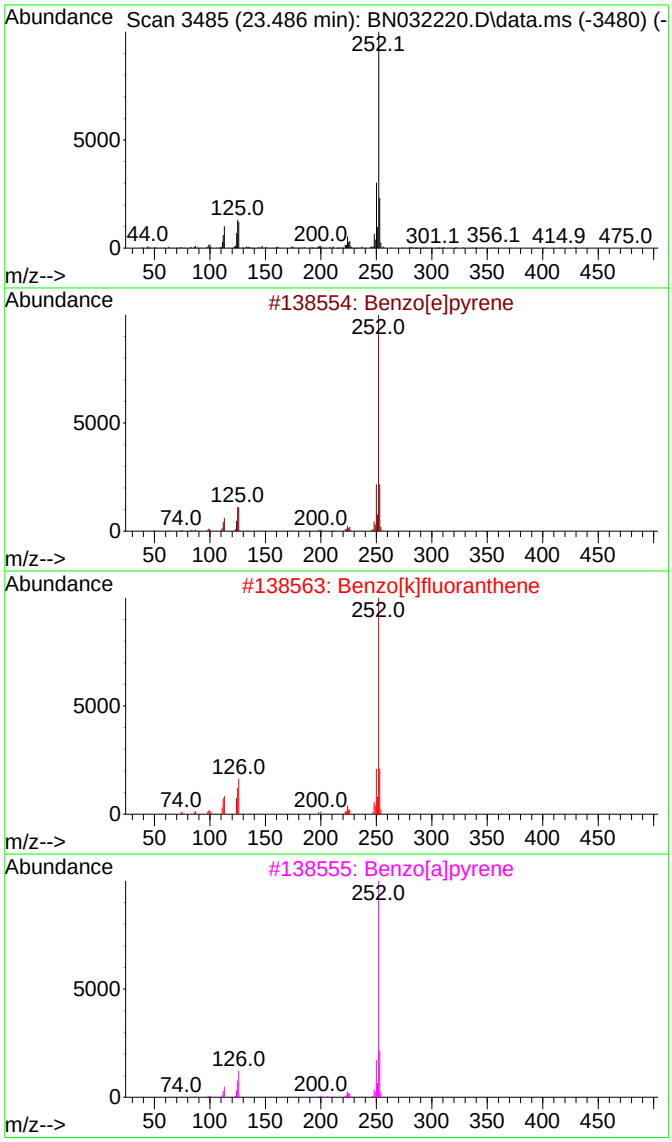
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

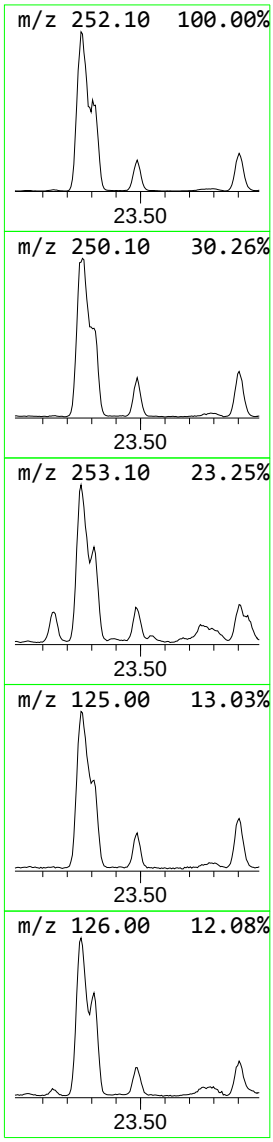
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	2.76 ng/ul	604299	Perylene-d12	24.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





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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

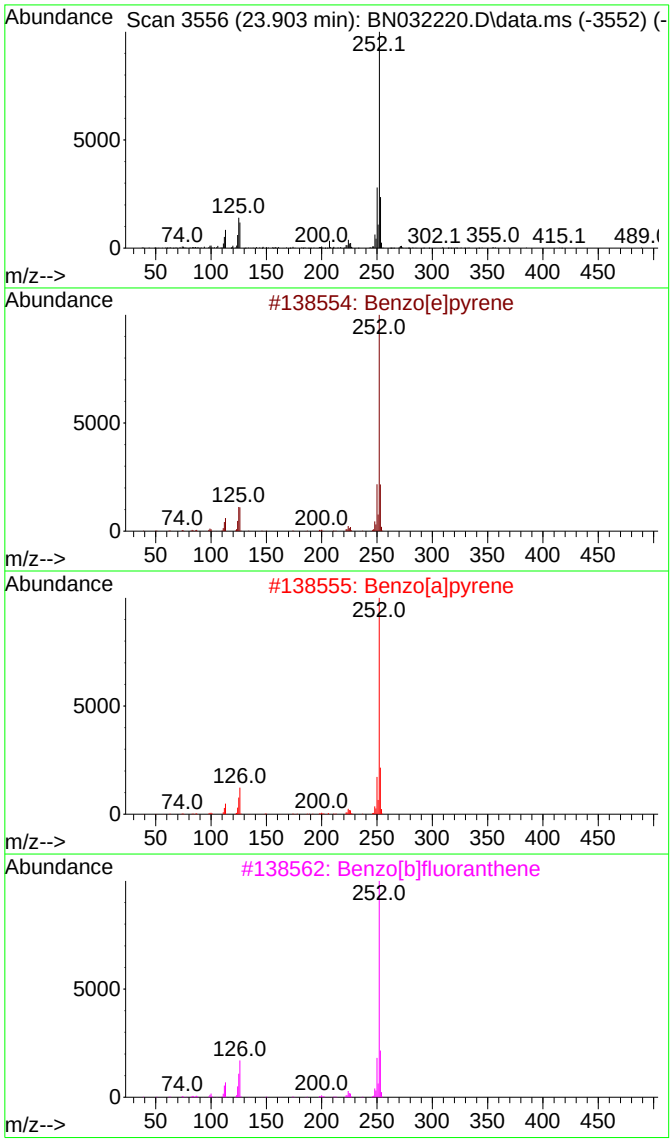
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

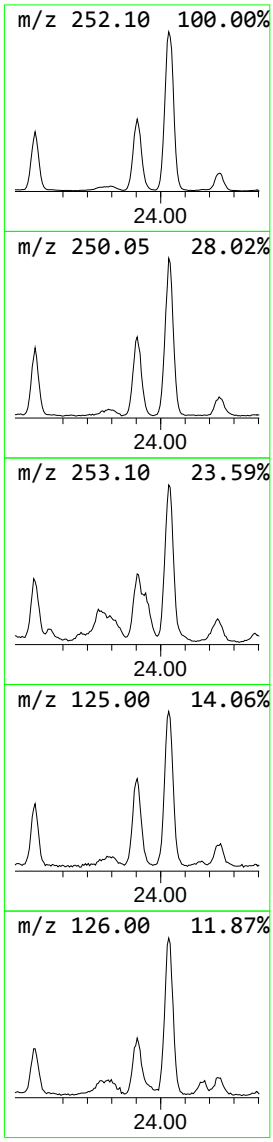
****

Peak Number 15 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.904	2.28 ng/ul	499474	Perylene-d12	24.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

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Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
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Misc :
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphtho[2,1-b]t...	16.845	2.7	ng/ul	511776	4	17.027	3834100	20.0
1,1'-Biphenyl, ...	17.627	2.4	ng/ul	468425	4	17.027	3834100	20.0
Phenanthrene, 2...	17.898	5.0	ng/ul	954781	4	17.027	3834100	20.0
Phenanthrene, 1...	17.945	6.4	ng/ul	1222150	4	17.027	3834100	20.0
Anthracene, 2-m...	18.027	2.7	ng/ul	516289	4	17.027	3834100	20.0
4H-Cyclopenta[d...	18.098	9.1	ng/ul	1749540	4	17.027	3834100	20.0
1H-Cyclopropa[l...	18.127	3.4	ng/ul	643151	4	17.027	3834100	20.0
Naphthalene, 2-...	18.404	3.6	ng/ul	693739	4	17.027	3834100	20.0
Phenanthrene, 2...	18.821	2.1	ng/ul	402234	4	17.027	3834100	20.0
Phenanthrene, 1...	18.963	2.3	ng/ul	431342	4	17.027	3834100	20.0
11H-Benzo[a]flu...	19.951	3.2	ng/ul	1497090	5	21.262	9436060	20.0
Fluoranthene, 2...	20.057	2.5	ng/ul	1197330	5	21.262	9436060	20.0
Pyrene, 1-methyl-	20.110	2.4	ng/ul	1132760	5	21.262	9436060	20.0
Benzo[e]pyrene	23.486	2.8	ng/ul	604299	6	24.174	4373980	20.0
unknown-01	23.904	2.3	ng/ul	499474	6	24.174	4373980	20.0