LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.622	781	788	804	rBV	301562	834572	5.44%	0.668%
2	10.381	1249	1257	1261	rBV	500484	954186	6.22%	0.764%
3	10.434	1261	1266	1282	rVV	831829	1877914	12.23%	1.503%
4	12.051	1533	1541	1558	rBV	745512	1561586	10.17%	1.250%
5	12.275	1571	1579	1596	rVB	380653	864018	5.63%	0.692%
6	13.081	1711	1716	1730	rVV	261459	438620	2.86%	0.351%
7	13.275	1740	1749	1762	rVB	96958	235421	1.53%	0.188%
8	13.416	1766	1773	1774	rBV	161800	197259	1.28%	0.158%
9	13.569	1789	1799	1804	rBV	193817	407388	2.65%	0.326%
10	13.622	1804	1808	1814	rVV	96488	188634	1.23%	0.151%
11	13.681	1814	1818	1832	rVB	84534	181833	1.18%	0.146%
12	13.816	1835	1841	1856	rBV2	93586	215898	1.41%	0.173%
13	13.951	1858	1864	1867	rBV	114201	204240	1.33%	0.163%
14	14.251	1901	1915	1920	rBV	1461317	2008897	13.09%	1.608%
15	14.316	1920	1926	1943	rVB	2054854	3424078	22.30%	2.740%
16	14.463	1943	1951	1961	rBV2	77291	206523	1.35%	0.165%
17	14.575	1962	1970	1976	rVB	74451	125785	0.82%	0.101%
18	14.669	1976	1986	1995	rBV	1320920	2231907	14.54%	1.786%
19	14.886	2017	2023	2030	rBV3	37492	80657	0.53%	0.065%
20	14.957	2030	2035	2044	rVV2	52760	88091	0.57%	0.071%
21	15.063	2046	2053	2056	rVV2	43768	83746	0.55%	0.067%
22	15.275	2082	2089	2093	rVV2	162587	294207	1.92%	0.235%
23	15.333	2093	2099	2111	rVV	2062658	3494873	22.76%	2.797%
24	15.457	2111	2120	2122	rVV3	147836	347207	2.26%	0.278%
25	15.492	2122	2126	2131	rVV2	295481	475008	3.09%	0.380%
26	15.539	2131	2134	2137	rVV2	69711	113967	0.74%	0.091%
27	15.586	2137	2142	2146	rVV	125592	234883	1.53%	0.188%
28	15.639	2146	2151	2162	rVB	278515	485630	3.16%	0.389%
29	15.792	2171	2177	2189	rBV	322848	741189	4.83%	0.593%
30	15.886	2189	2193	2199	rVB2	62465	122357	0.80%	0.098%
31	15.986	2205	2210	2221	rBV6	47251	115461	0.75%	0.092%
32	16.151	2230	2238	2245	rBV	113547	190207	1.24%	0.152%
33	16.363	2267	2274	2279	rVV2	236033	451653	2.94%	0.361%
34	16.416	2279	2283	2288	rVV2	97650	173087	1.13%	0.139%
35	16.516	2296	2300	2305	rVV	91194	153343	1.00%	0.123%
36	16.598	2311	2314	2317	rVV	96718	140898	0.92%	0.113%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	16.633	2317	2320	2324	rVV3	99682	162402	1.06%	0.130%
38	16.804	2343	2349	2355	rBV4	94703	209047	1.36%	0.167%
39	16.892	2360	2364	2377	rVB	614784	992053	6.46%	0.794%
40	17.069	2388	2394	2397	rBV	1601988	2237250	14.57%	1.791%
41	17.116	2397	2402	2409	rVV	10416798	15352116	100.00%	12.287%
42	17.180	2409	2413	2414	rVV	185497	268458	1.75%	0.215%
43	17.222	2414	2420	2429	rVV2	1265178	2693014	17.54%	2.155%
44	17.304	2429	2434	2442	rVV	160614	382546	2.49%	0.306%
45	17.375	2443	2446	2456	rVB3	49677	105493	0.69%	0.084%
46	17.516	2461	2470	2481	rBV	458890	842546	5.49%	0.674%
47	17.604	2481	2485	2489	rBV	124929	155002	1.01%	0.124%
48	17.827	2518	2523	2531	rVB2	67137	151000	0.98%	0.121%
49	17.980	2543	2549	2553	rBV	633856	960173	6.25%	0.768%
50	18.027	2553	2557	2569	rVV	742968	1319460	8.59%	1.056%
51	18.133	2569	2575	2578	rVV	246335	406490	2.65%	0.325%
52	18.180	2578	2583	2589	rVV2	1312415	2364962	15.40%	1.893%
53	18.227	2589	2591	2601	rVB	349225	467818	3.05%	0.374%
54	18.375	2612	2616	2623	rBV3	42846	93201	0.61%	0.075%
55	18.510	2634	2639	2646	rVB	567270	788356	5.14%	0.631%
56	18.627	2656	2659	2663	rVB	74924	88860	0.58%	0.071%
57	18.757	2677	2681	2687	rVB2	106199	169349	1.10%	0.136%
58	18.816	2687	2691	2695	rBV	102974	136434	0.89%	0.109%
59	18.863	2695	2699	2703	rVB2	59888	86760	0.57%	0.069%
60	18.939	2707	2712	2716	rBV	232689	343332	2.24%	0.275%
61	19.004	2721	2723	2726	rVB2	94388	100070	0.65%	0.080%
62	19.074	2731	2735	2737	rBV2	65227	99019	0.64%	0.079%
63	19.216	2751	2759	2767	rBV	8135267	13770002	89.69%	11.021%
64	19.280	2768	2770	2773	rVV	75412	89875	0.59%	0.072%
65	19.345	2773	2781	2786	rVB3	118870	283865	1.85%	0.227%
66	19.469	2795	2802	2806	rBV	339466	537202	3.50%	0.430%
67	19.586	2812	2822	2828	rBV	6535046	13060069	85.07%	10.453%
68	19.674	2833	2837	2844	rVB3	293679	461056	3.00%	0.369%
69	19.786	2852	2856	2861	rVB	416108	523318	3.41%	0.419%
70	19.874	2867	2871	2875	rVB	167741	215064	1.40%	0.172%
71	19.927	2875	2880	2882	rBV	327073	549967	3.58%	0.440%
72	20.016	2891	2895	2899	rBV	143873	220794	1.44%	0.177%
73	20.110	2900	2911	2920	rVB	1148621	2101942	13.69%	1.682%
74	20.210	2920	2928	2933	rBV	1448851	2021738	13.17%	1.618%
75	20.274	2933	2939	2942	rBV3	371066	707566	4.61%	0.566%
76	20.363	2950	2954	2958	rVB3	89768	133270	0.87%	0.107%

LSC Area Percent Report

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Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	20.427	2960	2965	2969	rVV	203324	350470	2.28%	0.281%
78	20.474	2969	2973	2985	rVB3	245168	586261	3.82%	0.469%
79	20.645	2999	3002	3006	rBV	129217	158711	1.03%	0.127%
80	20.769	3020	3023	3026	rVB	93527	104651	0.68%	0.084%
81	20.857	3034	3038	3043	rBV3	138842	292848	1.91%	0.234%
82	21.080	3072	3076	3079	rBV	328697	499696	3.25%	0.400%
83	21.116	3079	3082	3087	rVB	405119	537779	3.50%	0.430%
84	21.168	3087	3091	3094	rBV	344520	474694	3.09%	0.380%
85	21.492	3137	3146	3153	rBV2	3456014	8998527	58.61%	7.202%
86	21.557	3153	3157	3169	rVB	1844741	3478681	22.66%	2.784%
87	21.704	3177	3182	3189	rVB	662019	1209677	7.88%	0.968%
88	21.957	3222	3225	3240	rVB2	259017	662339	4.31%	0.530%
89	22.180	3260	3263	3266	rVB2	101610	122071	0.80%	0.098%
90	22.257	3268	3276	3281	rVV	338152	693977	4.52%	0.555%
91	22.533	3319	3323	3326	rBV2	128574	236055	1.54%	0.189%
92	22.574	3327	3330	3338	rVB2	259205	539704	3.52%	0.432%
93	23.751	3521	3530	3536	rBV	1675260	4946653	32.22%	3.959%
94	24.015	3569	3575	3585	rVB	374853	824158	5.37%	0.660%
95	24.468	3645	3652	3661	rVB2	775568	1986738	12.94%	1.590%
96	24.627	3671	3679	3692	rVB	1472274	4045516	26.35%	3.238%
97	24.786	3699	3706	3714	rBV	1043621	2471373	16.10%	1.978%
98	24.868	3714	3720	3735	rVB	398231	1224815	7.98%	0.980%
99	28.509	4333	4339	4340	rBV	371918	571461	3.72%	0.457%
100	29.680	4535	4538	4542	rBV2	178481	330961	2.16%	0.265%

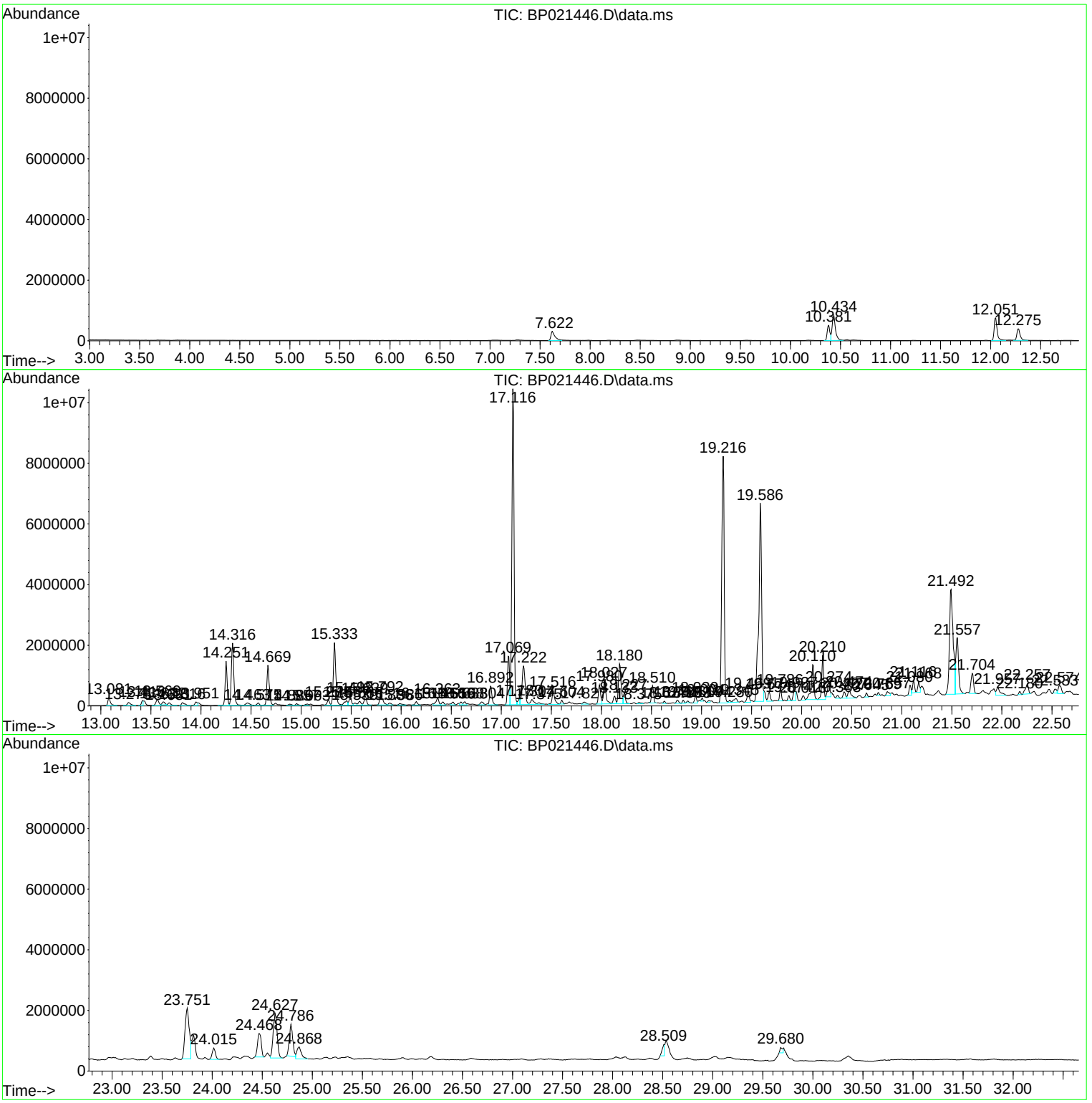
Sum of corrected areas: 124943978

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

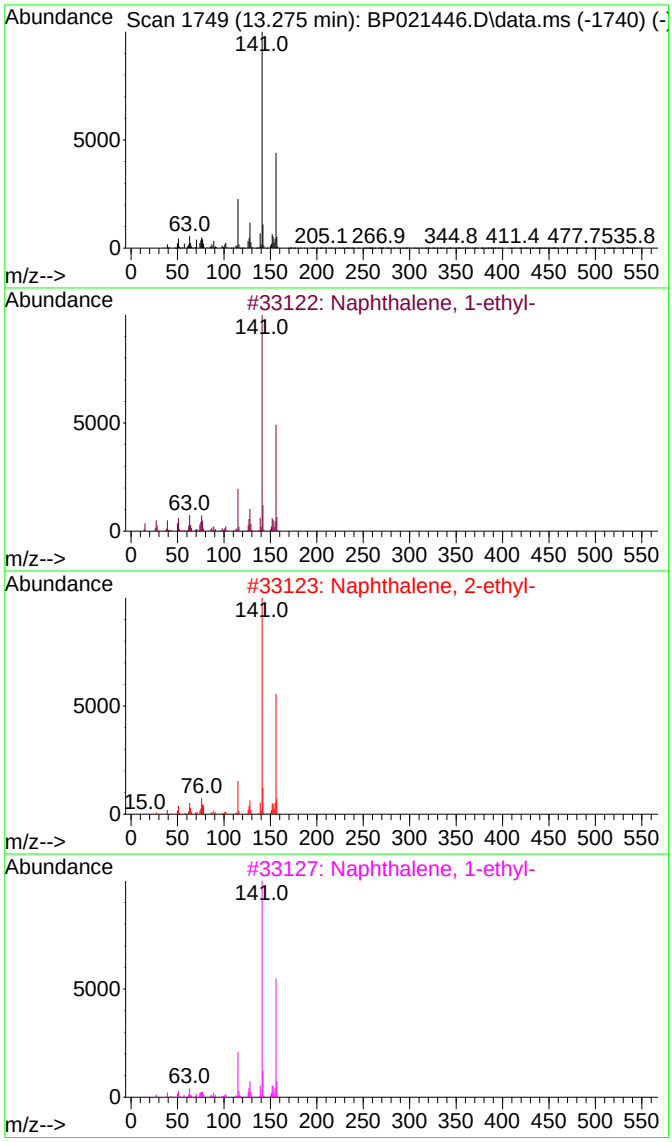
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

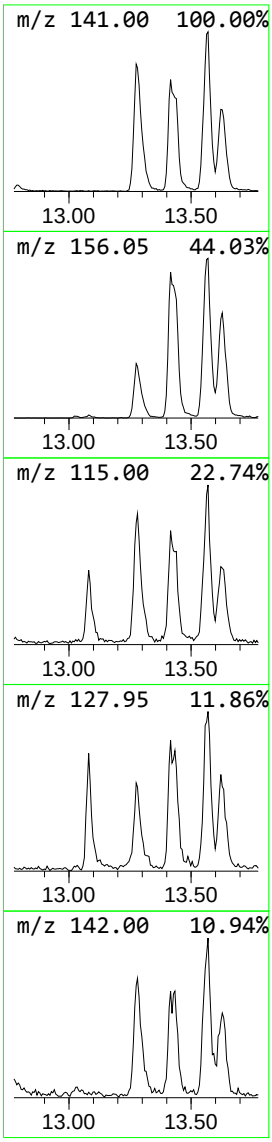
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	2.34 ng/ul	235421	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

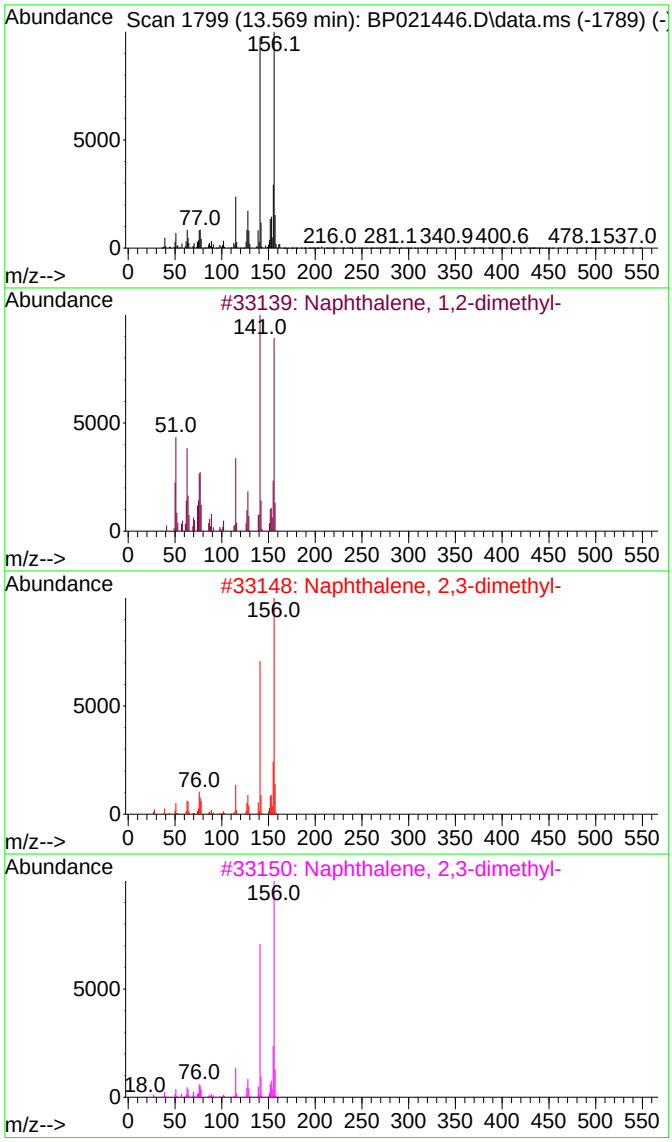
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

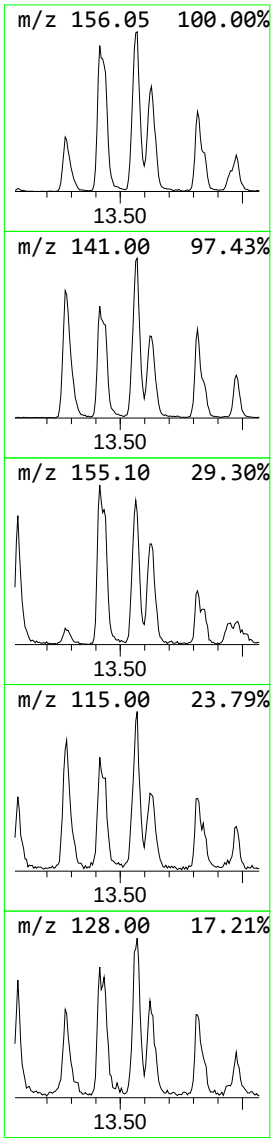
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	4.06 ng/ul	407388	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

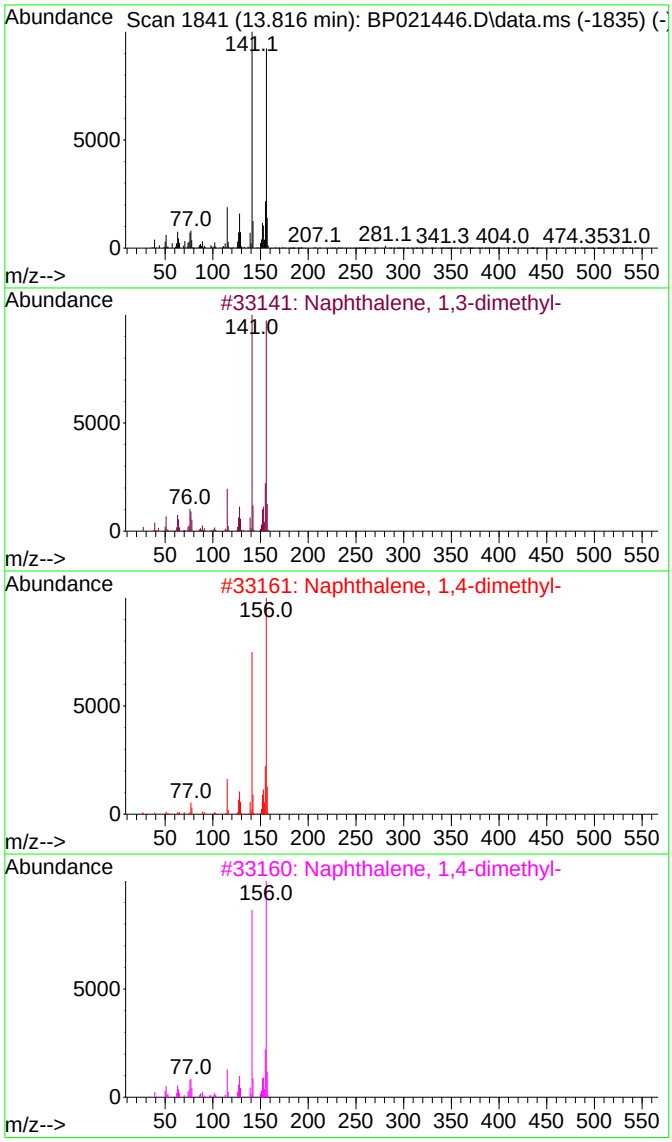
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

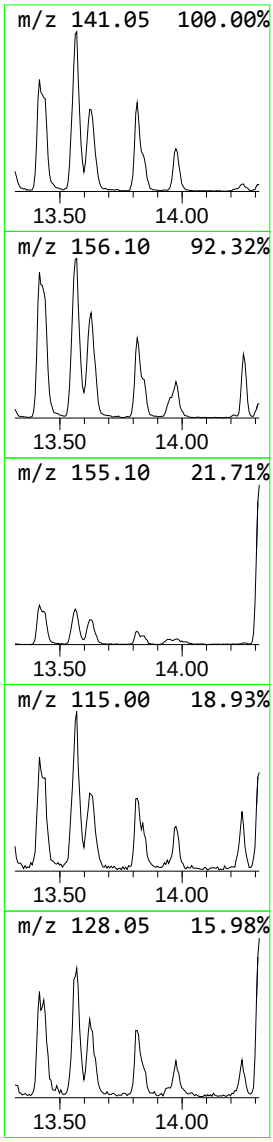
****

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.15 ng/ul	215898	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

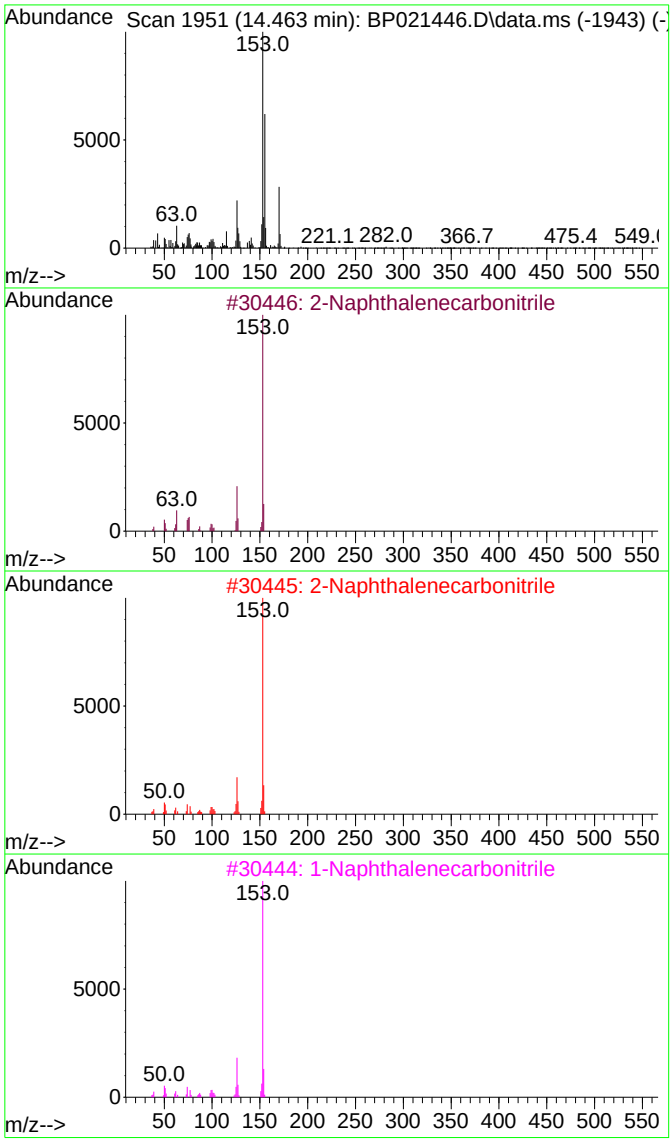
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

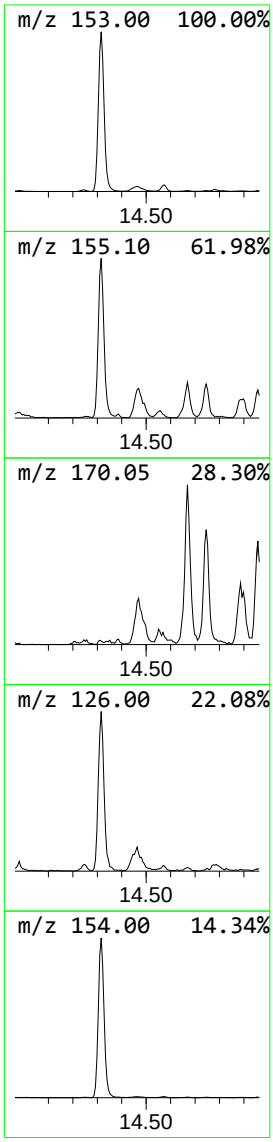
****

Peak Number 4 2-Naphthalenecarbonitrile Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	2.06 ng/ul	206523	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	60
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	60
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	60
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	60
5	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

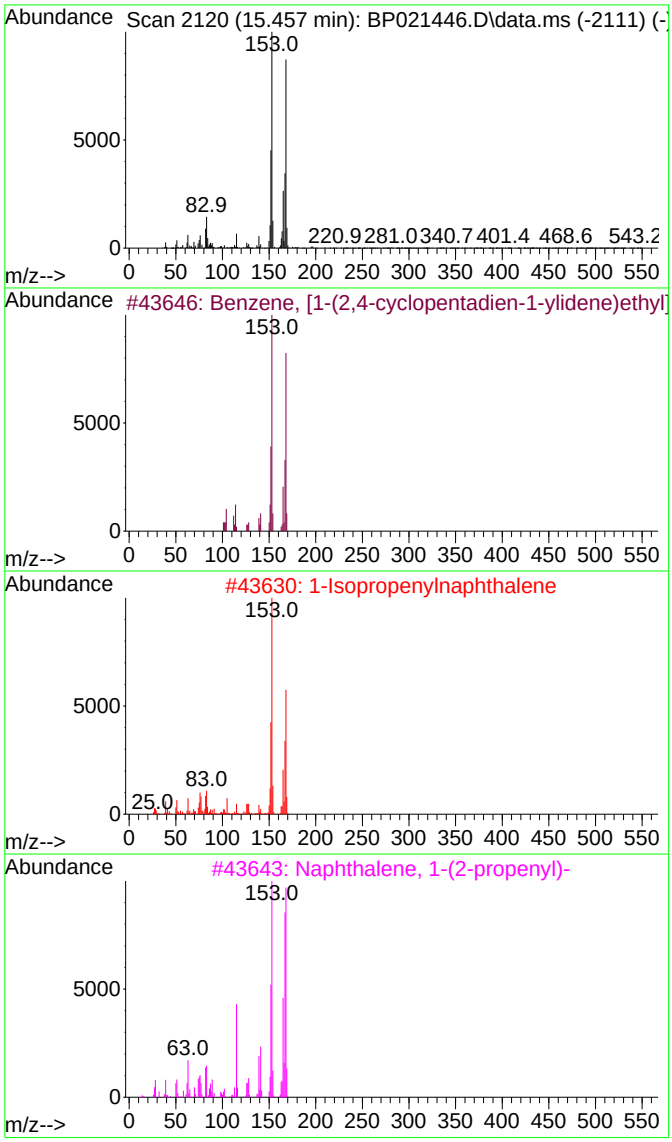
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

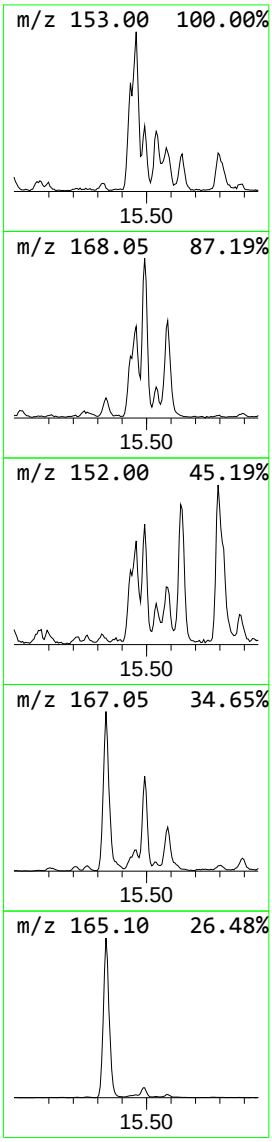
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, [1-(2,4-cyclopenta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	3.46 ng/ul	347207	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	50





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Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

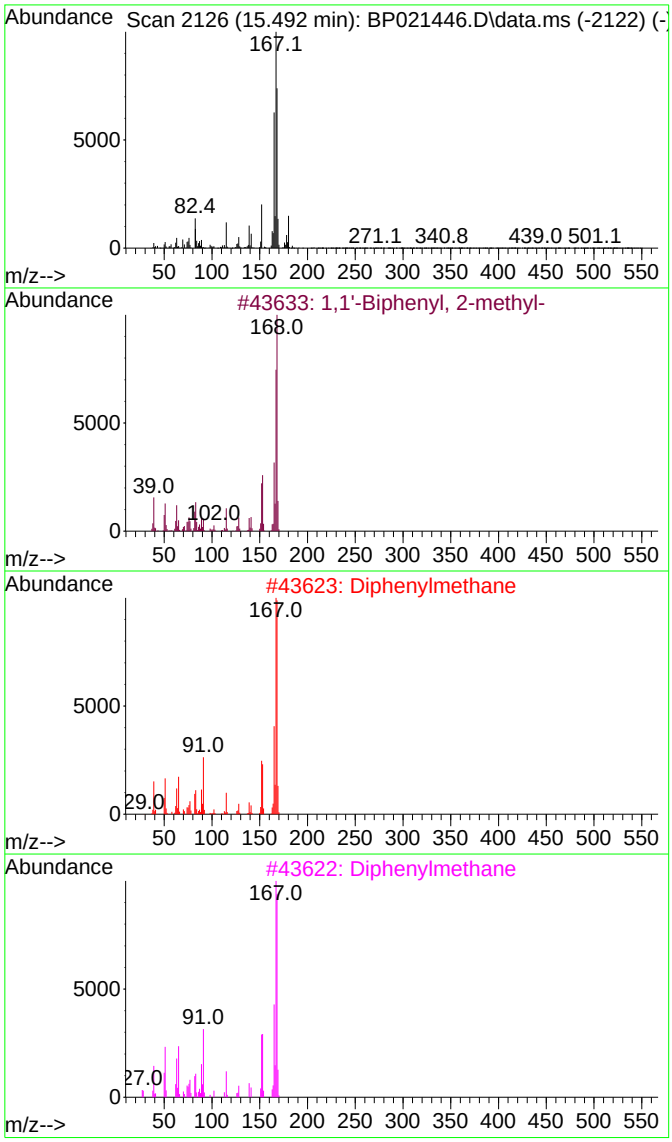
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

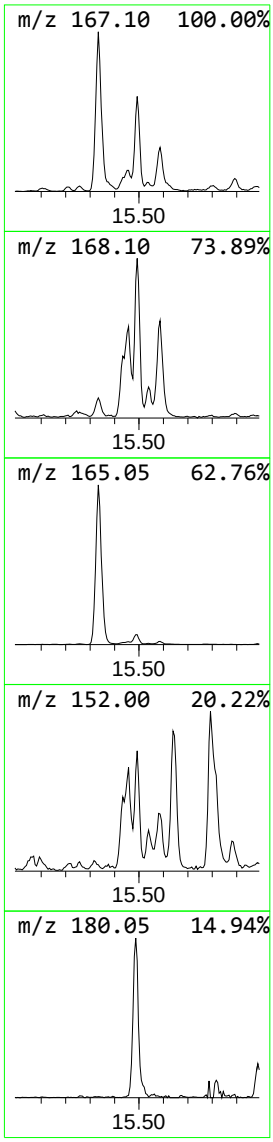
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	4.73 ng/ul	475008	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	60





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

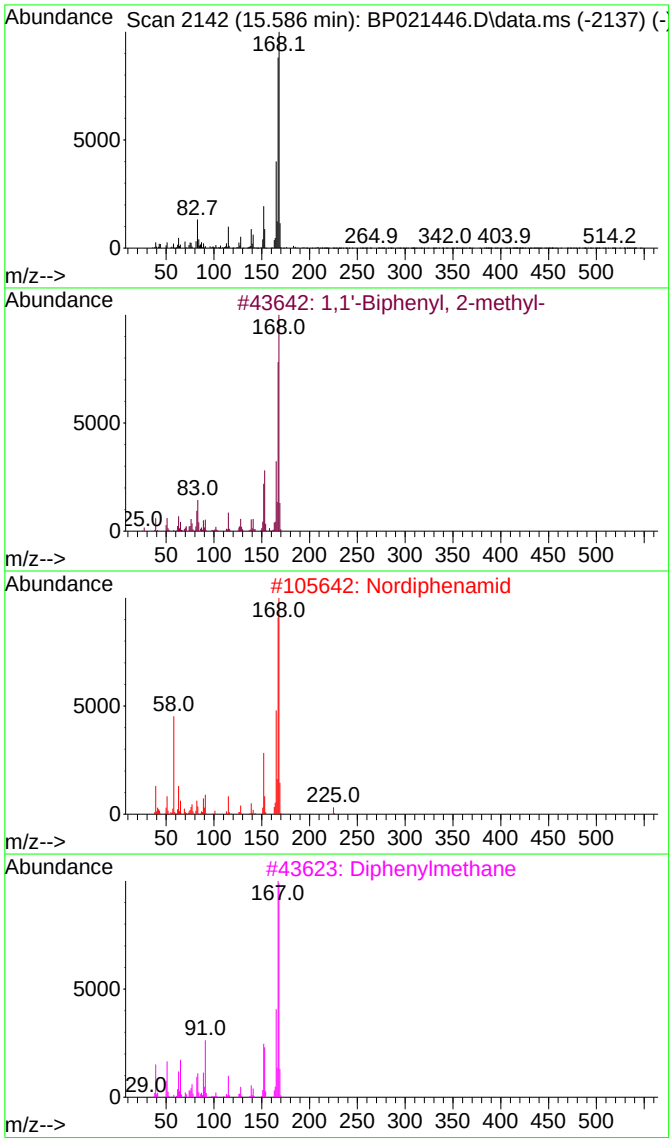
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

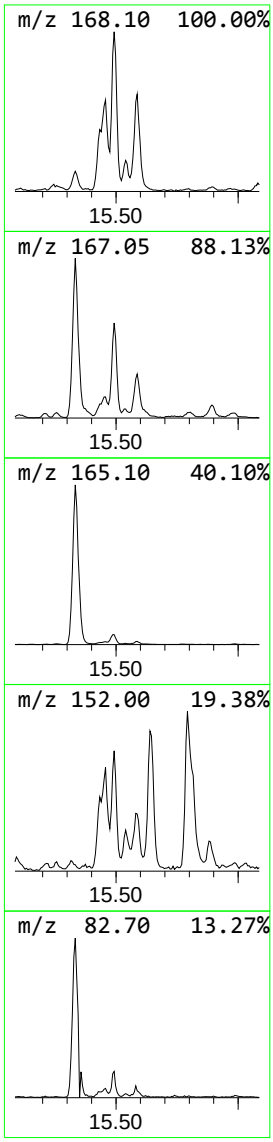
****

Peak Number 7 Nordiphenamid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	2.34 ng/ul	234883	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
2	Nordiphenamid	225	C15H15NO	000954-21-2	90
3	Diphenylmethane	168	C13H12	000101-81-5	89
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E05Y5DL

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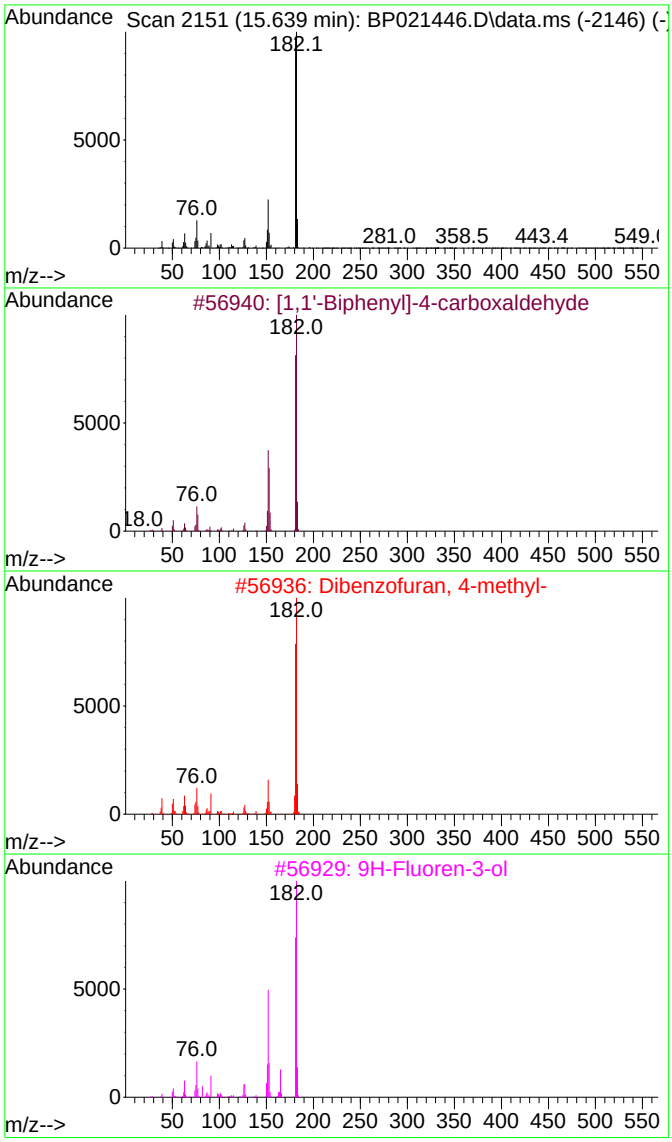
Quant Title : SVOA CALIBRATION

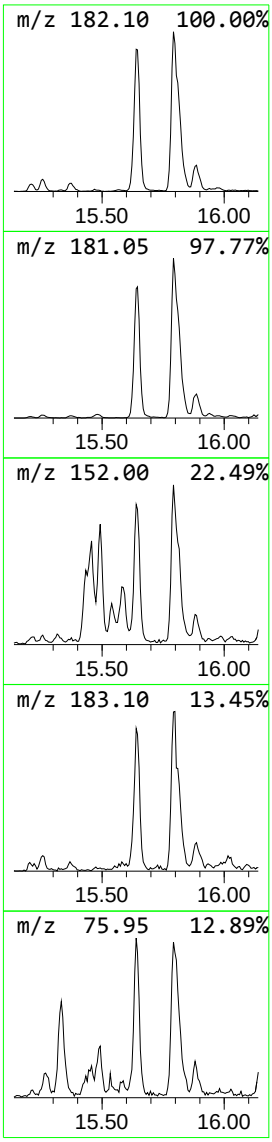
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	4.83 ng/ul	485630	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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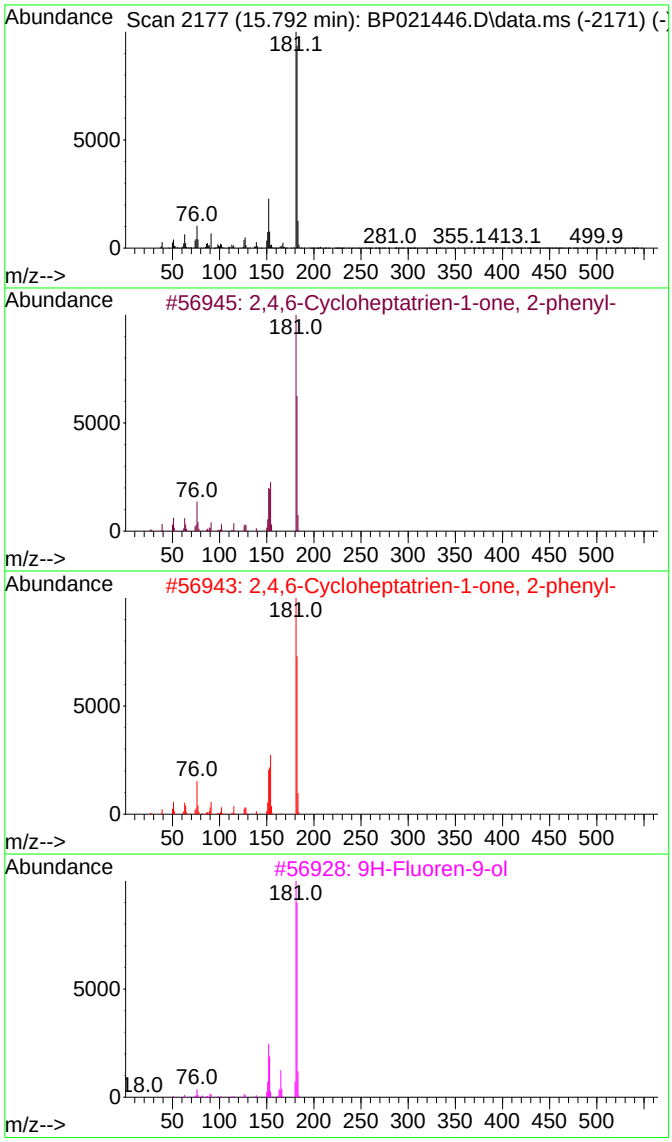
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

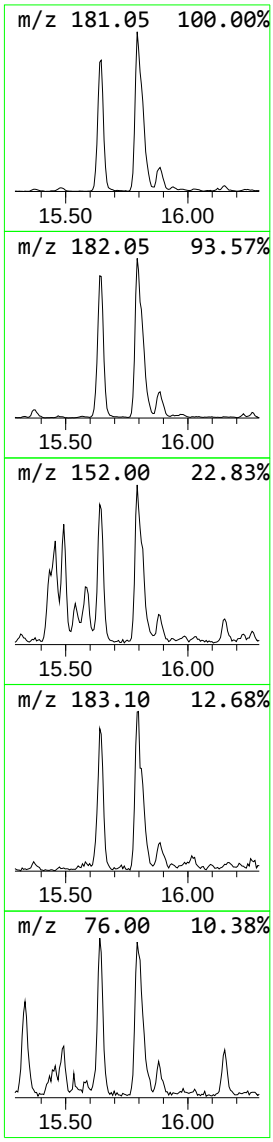
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4,6-Cycloheptatrien-1-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	6.63 ng/ul	741189	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81





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Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

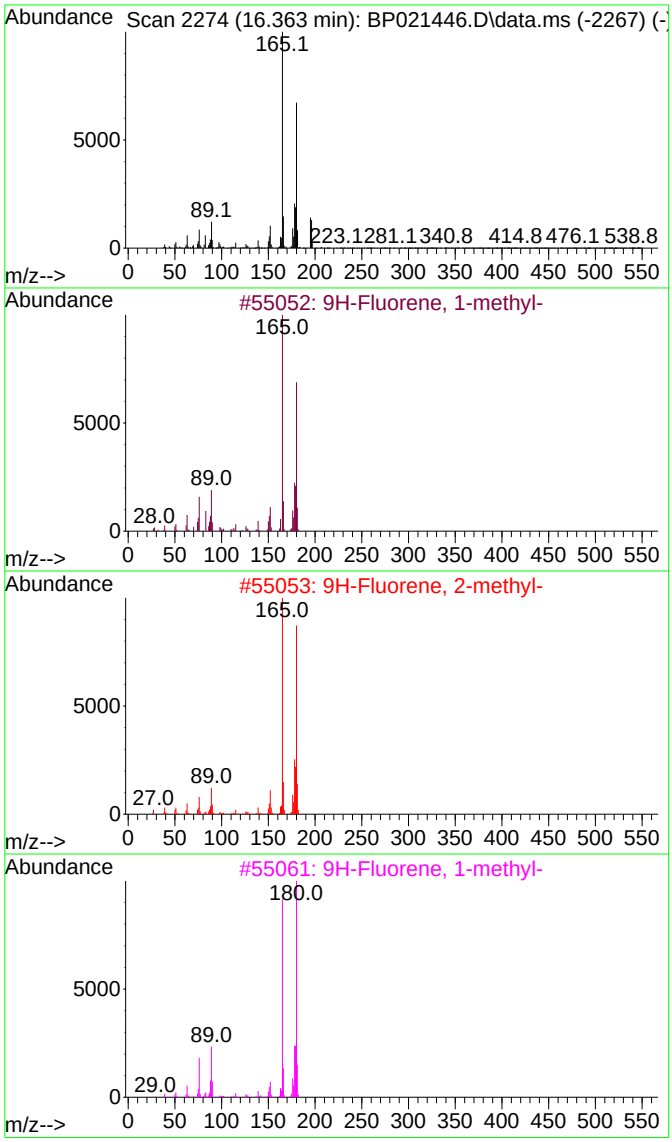
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

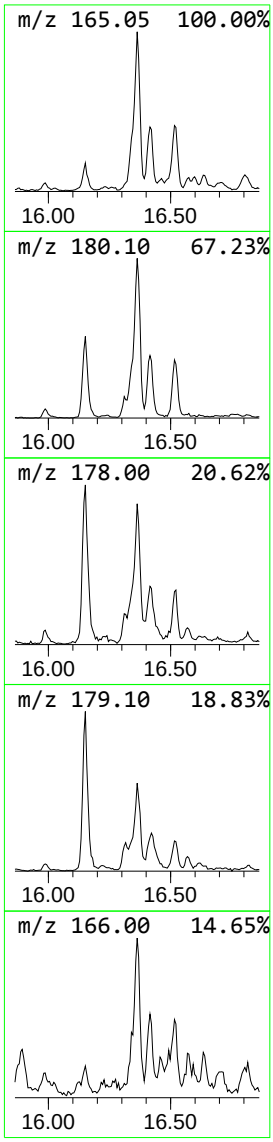
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.363	4.04 ng/ul	451653	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

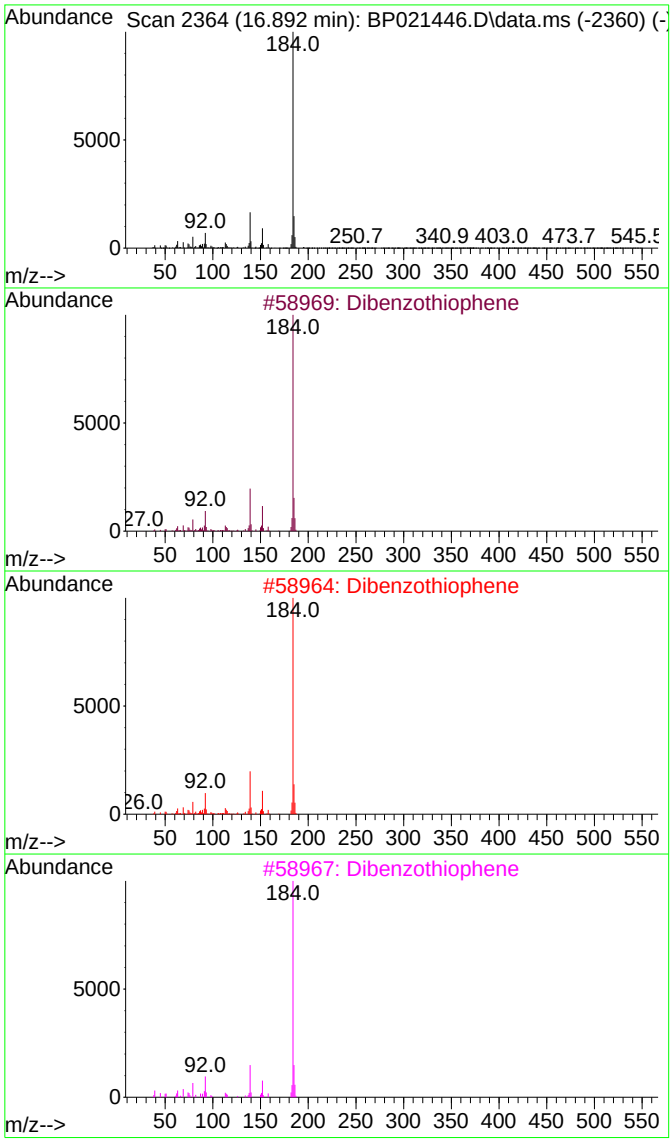
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

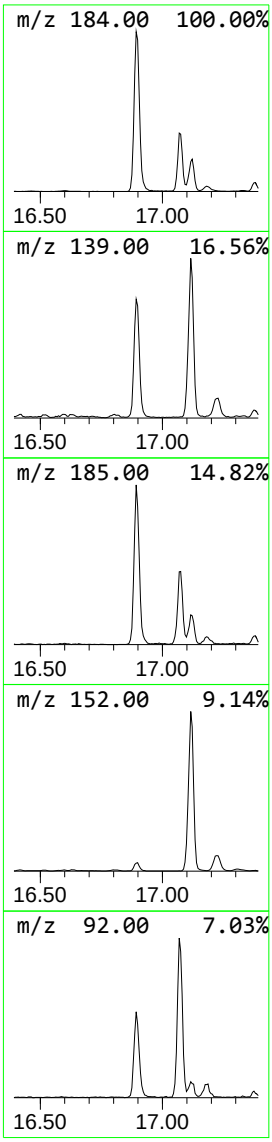
****

Peak Number 11 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	8.87 ng/ul	992053	Phenanthrene-d10	17.069

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





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

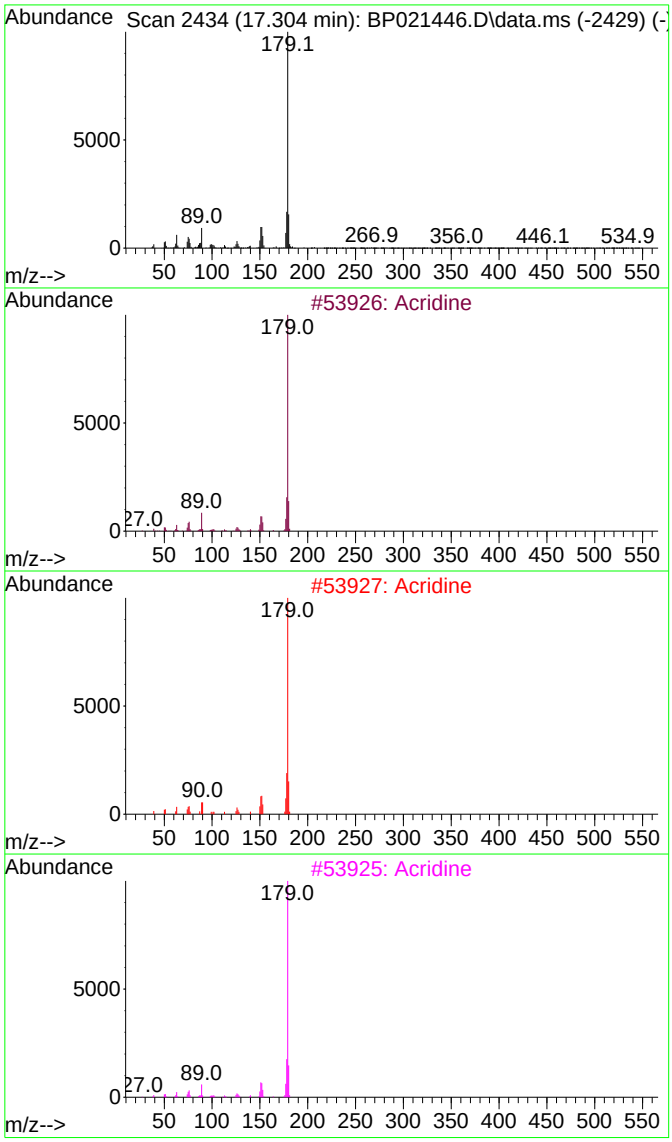
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

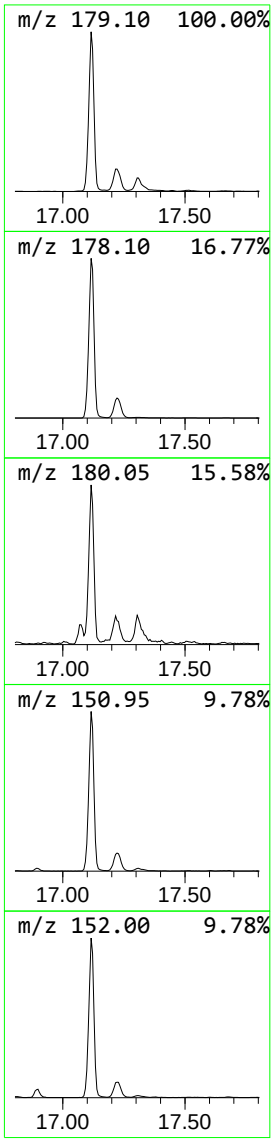
****

Peak Number 12 Acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	3.42 ng/ul	382546	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Acridine	179	C13H9N	000260-94-6	95
3	Acridine	179	C13H9N	000260-94-6	94
4	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	93
5	Phenanthridine	179	C13H9N	000229-87-8	93





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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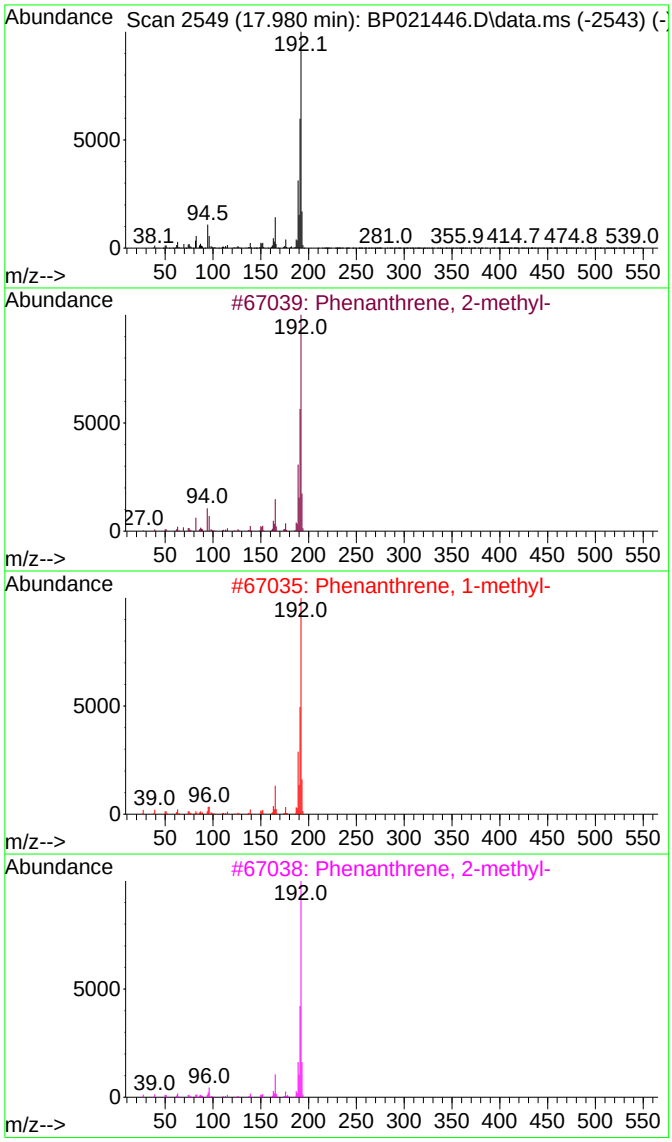
Quant Title : SVOA CALIBRATION

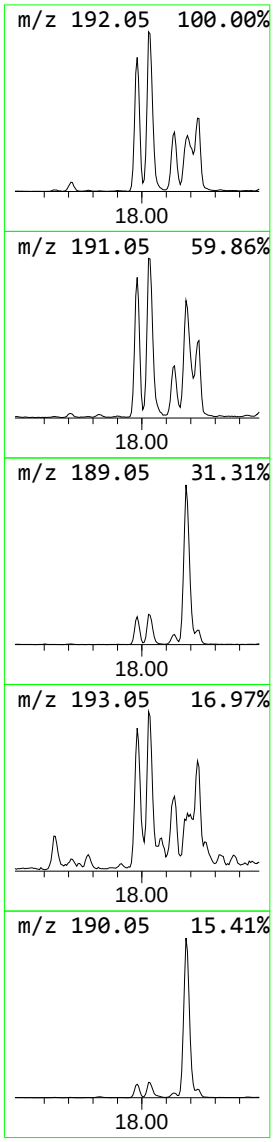
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	8.58 ng/ul	960173	Phenanthrene-d10	17.069

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	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Sample : P3437-15DL 10X
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ALS Vial : 38 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

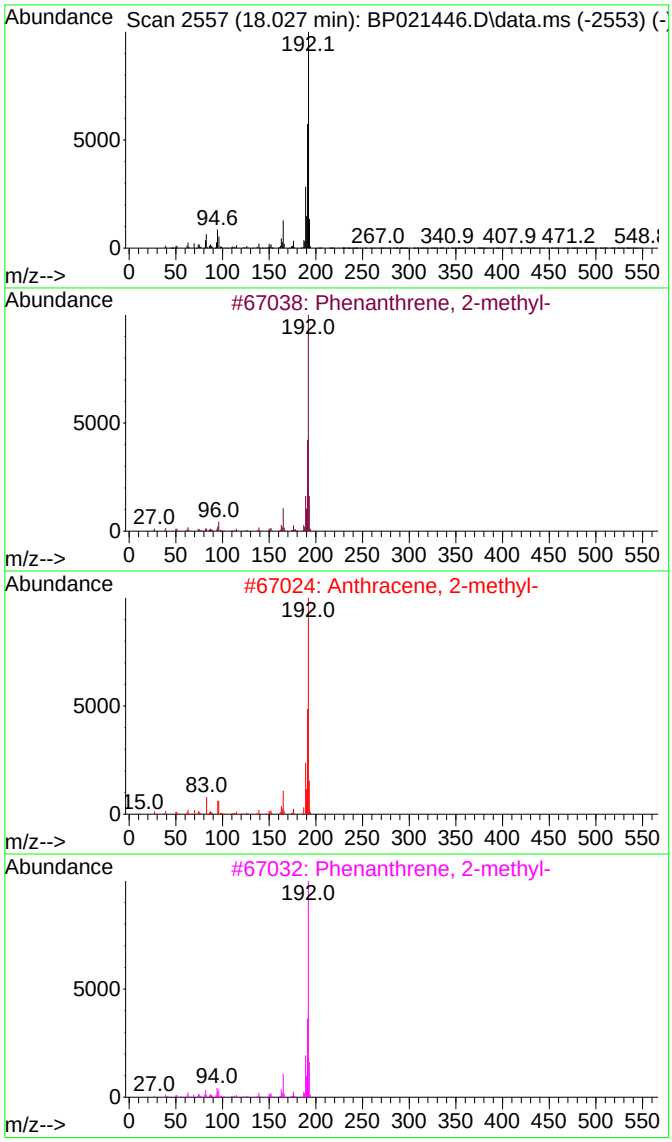
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

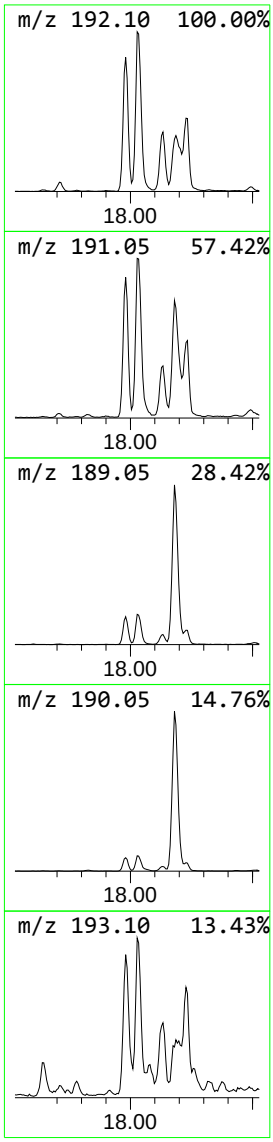
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	11.80 ng/ul	1319460	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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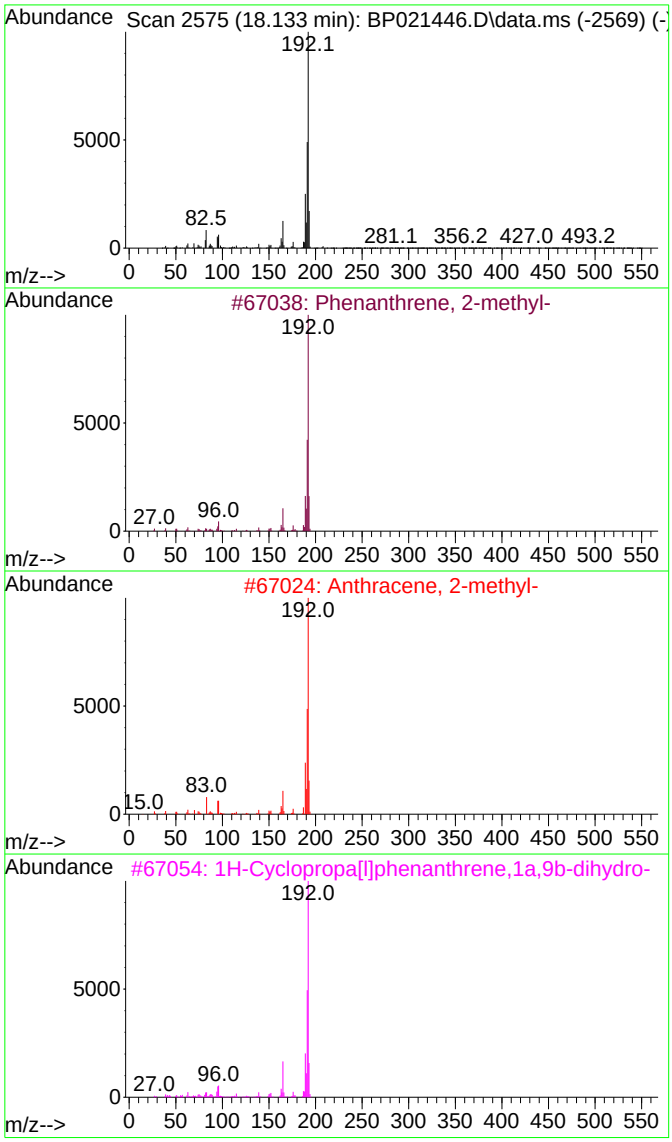
Quant Title : SVOA CALIBRATION

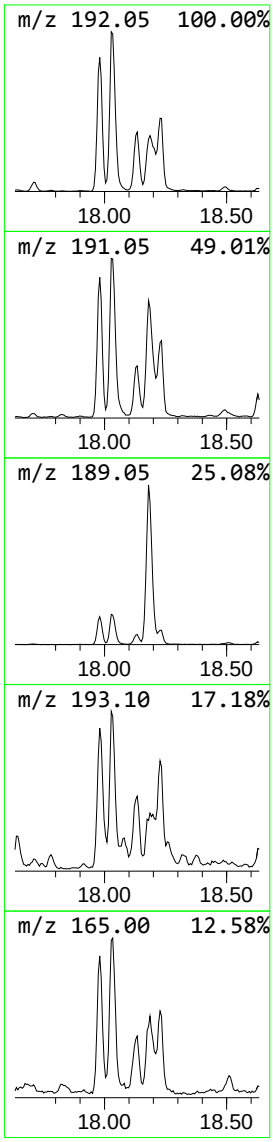
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	3.63 ng/ul	406490	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Sample : P3437-15DL 10X
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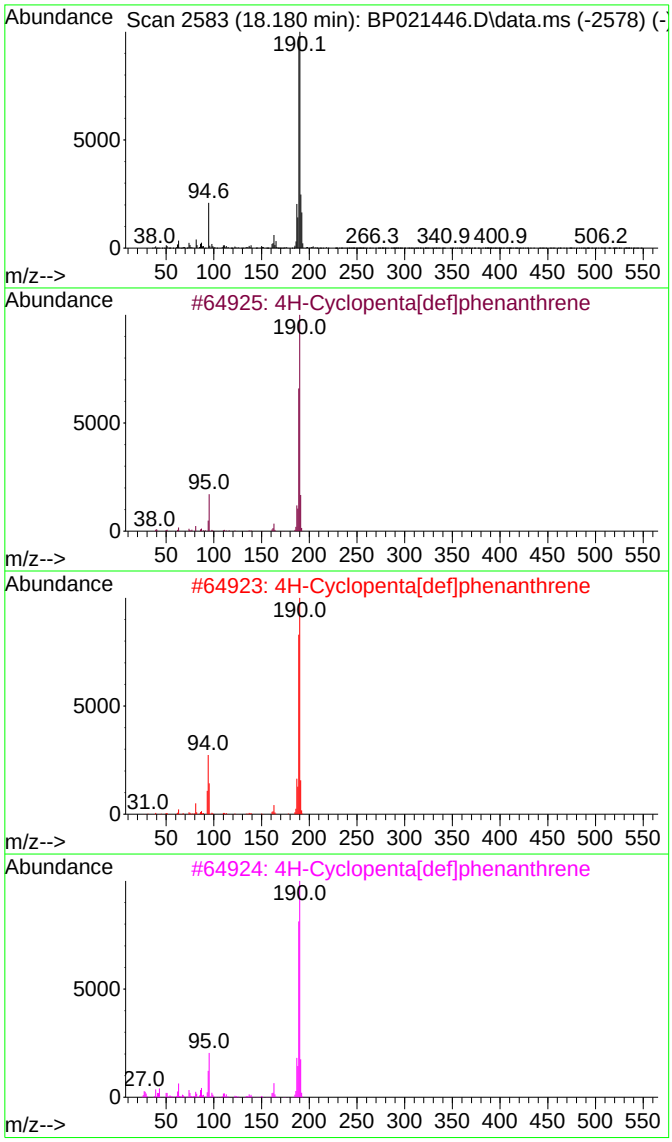
Quant Title : SVOA CALIBRATION

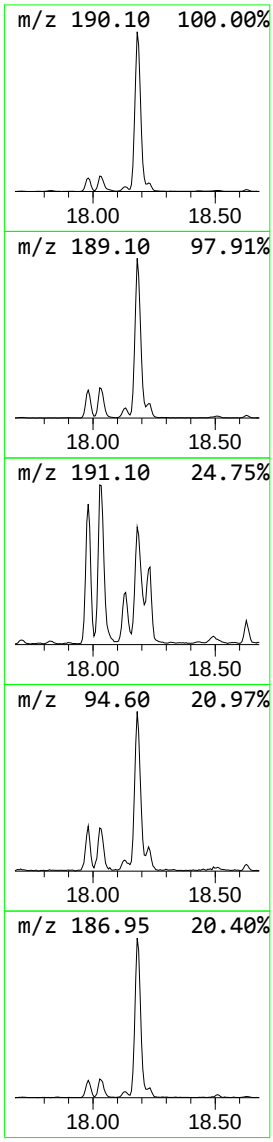
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	21.14 ng/ul	2364960	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

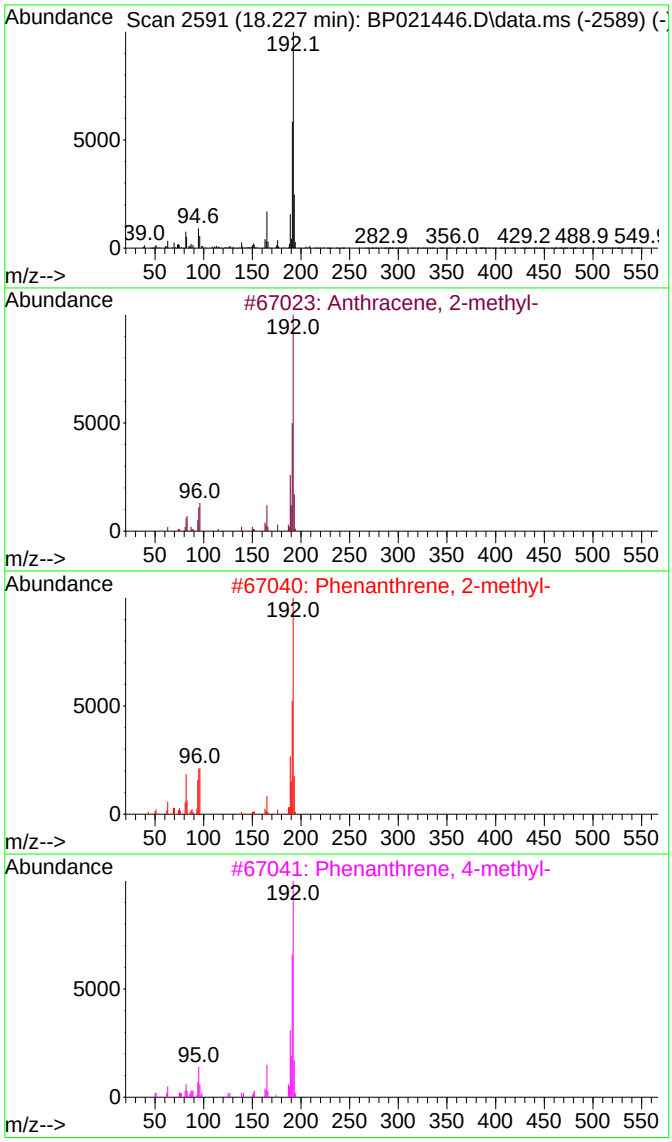
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

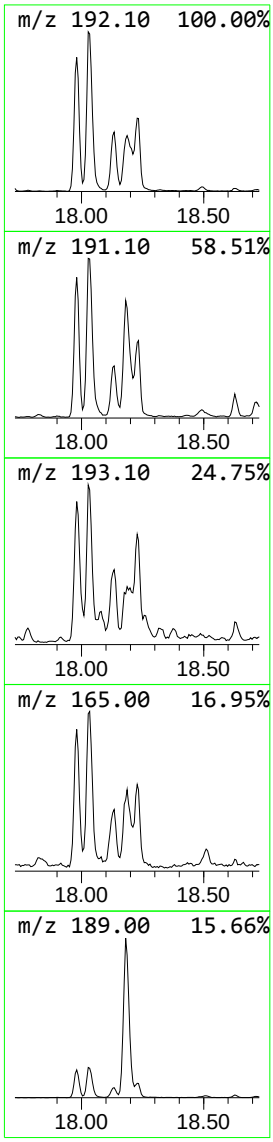
****

Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	4.18 ng/ul	467818	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





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Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

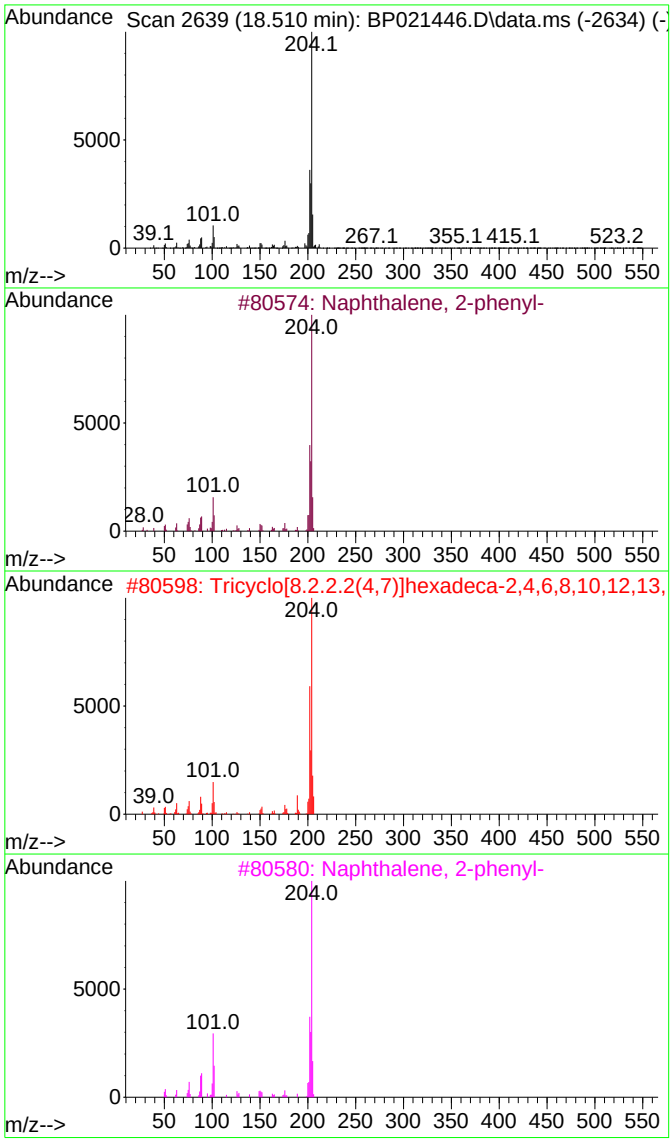
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

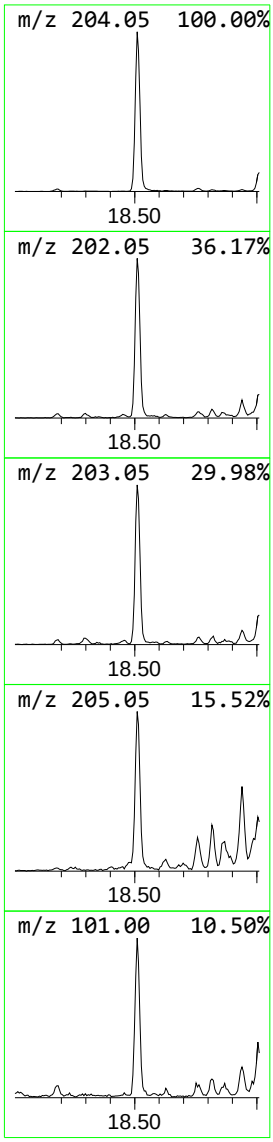
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	7.05 ng/ul	788356	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

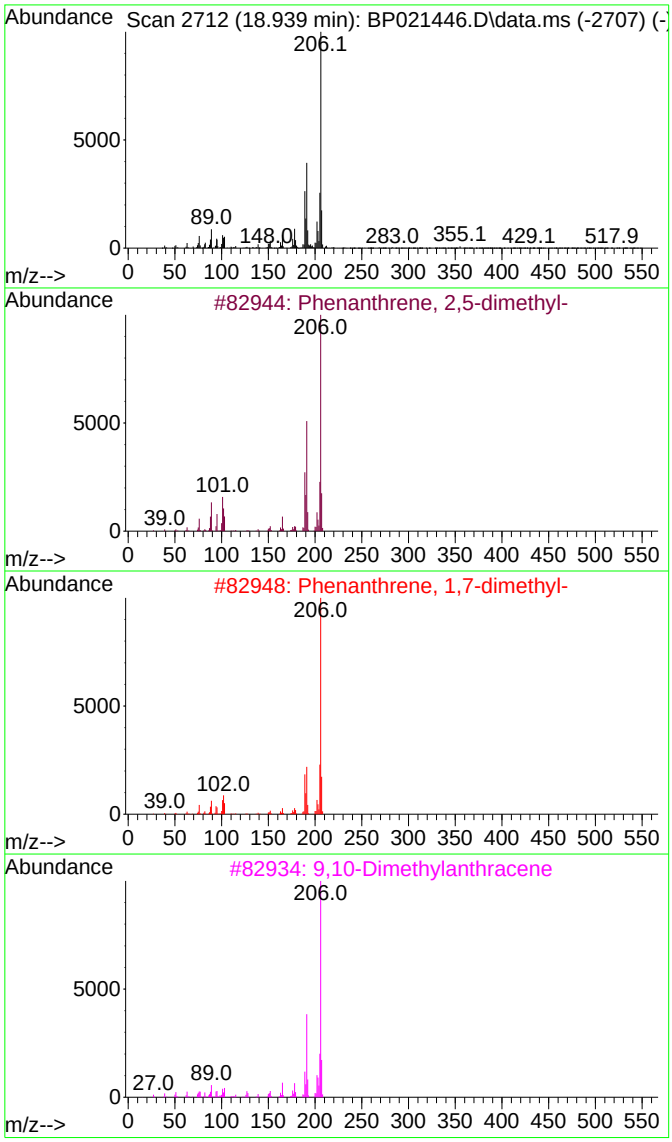
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

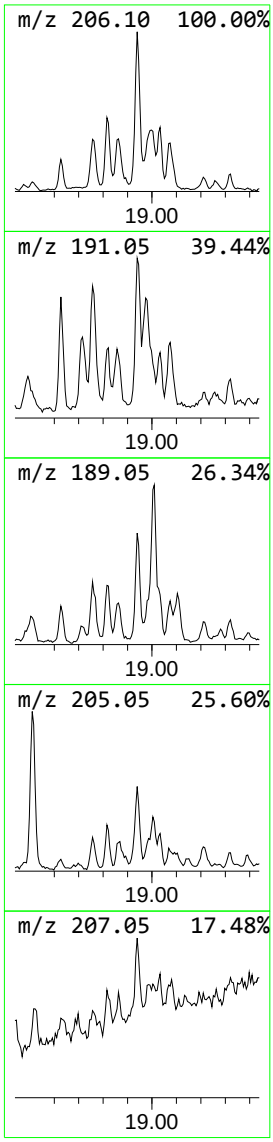
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	3.07 ng/ul	343332	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
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	92
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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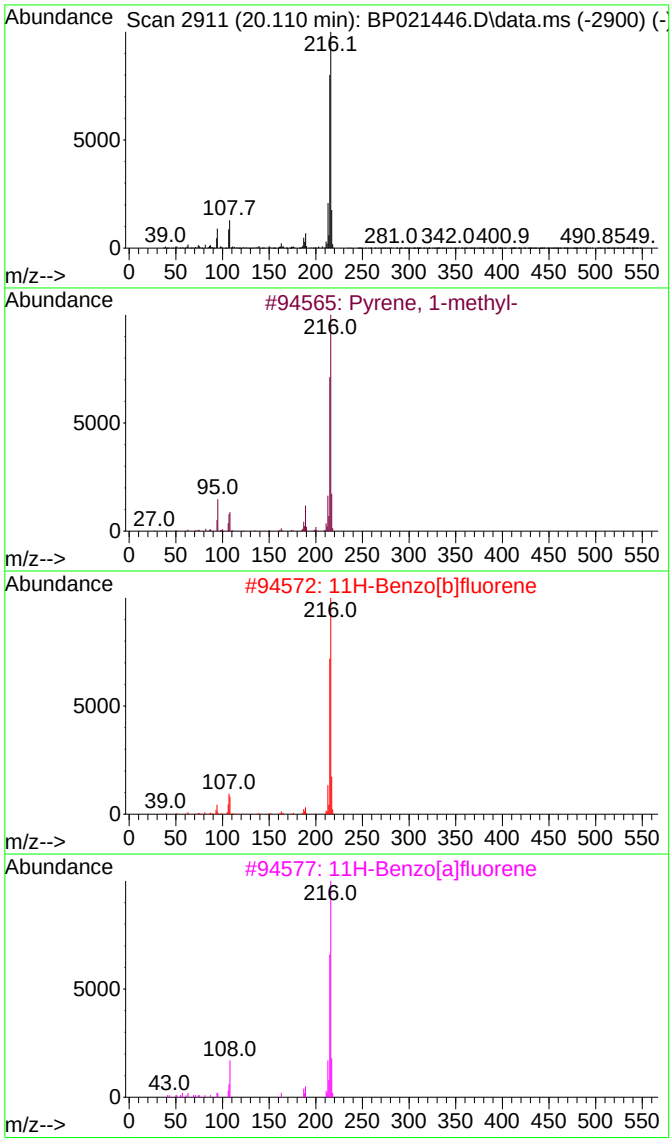
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

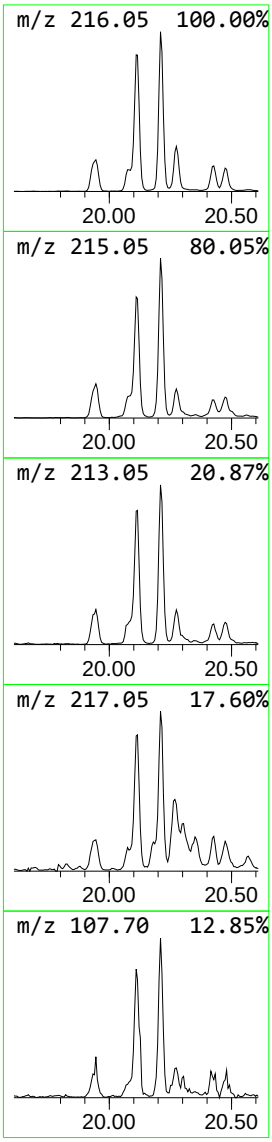
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	4.67 ng/ul	2101940	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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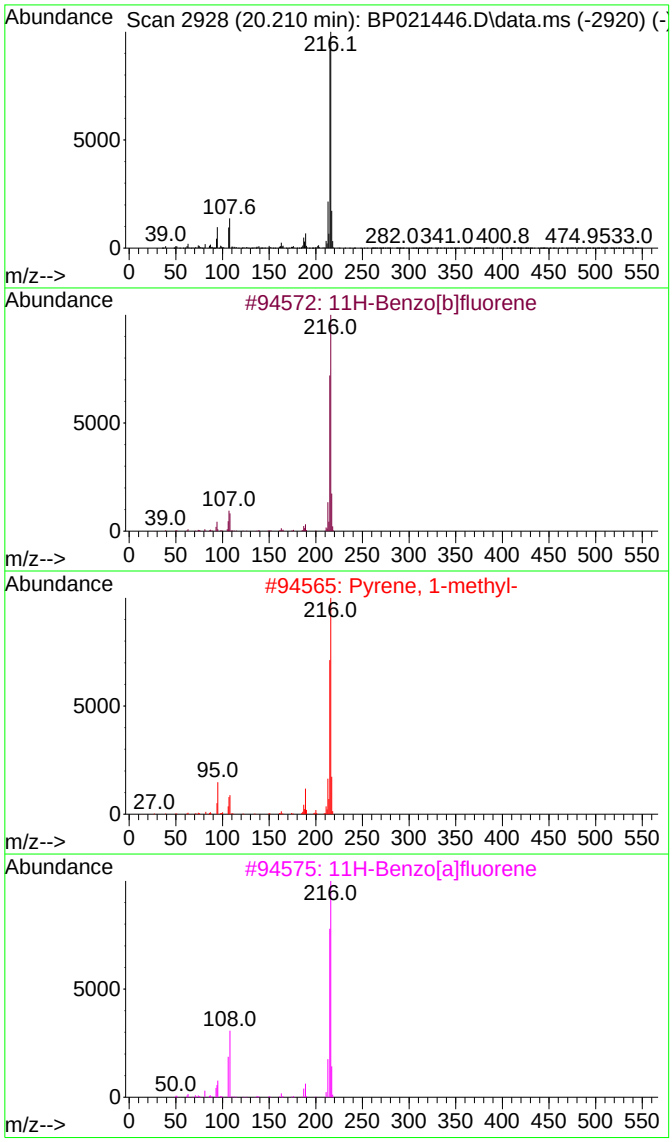
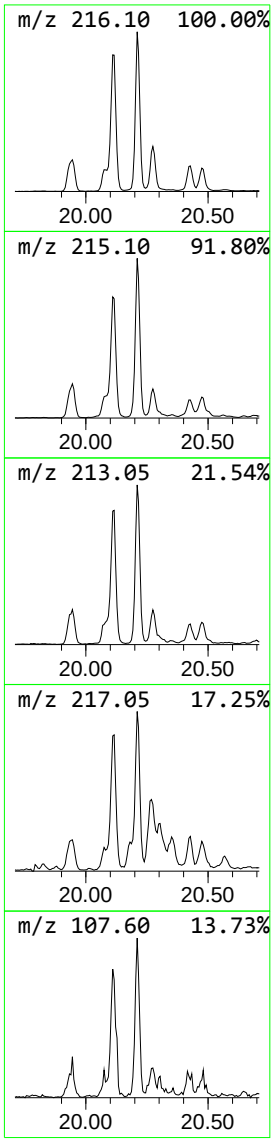
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	4.49 ng/ul	2021740	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Data File : BP021446.D
Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

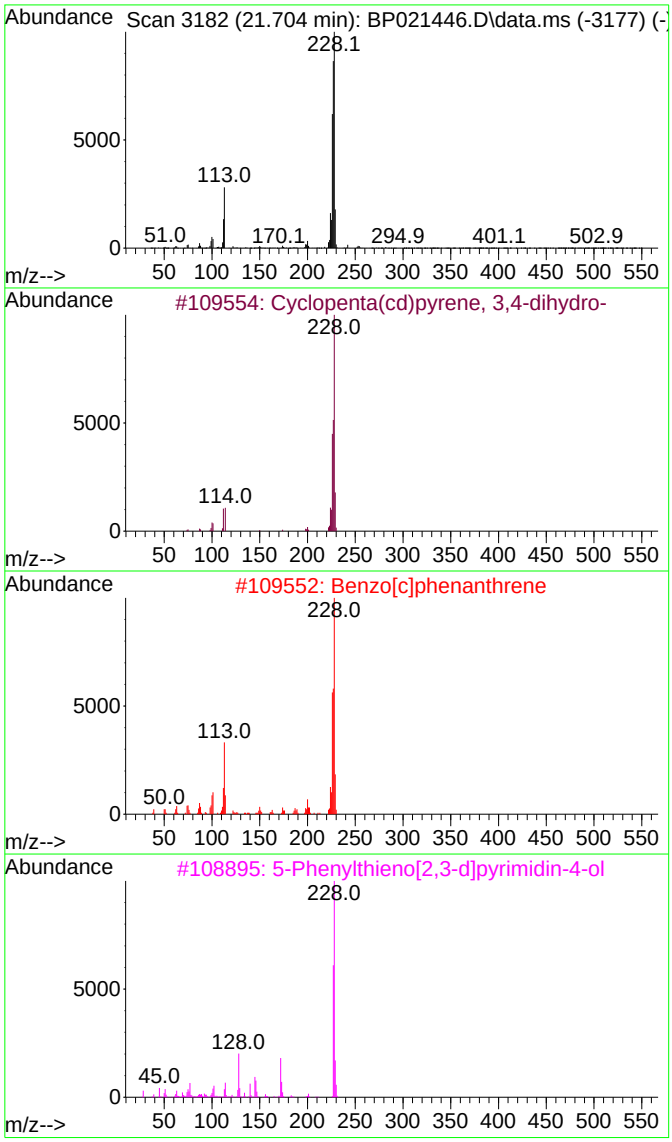
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

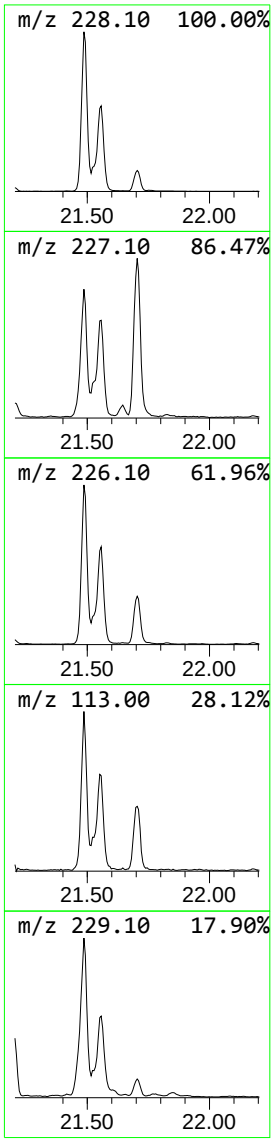
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.704	2.69 ng/ul	1209680	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47





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Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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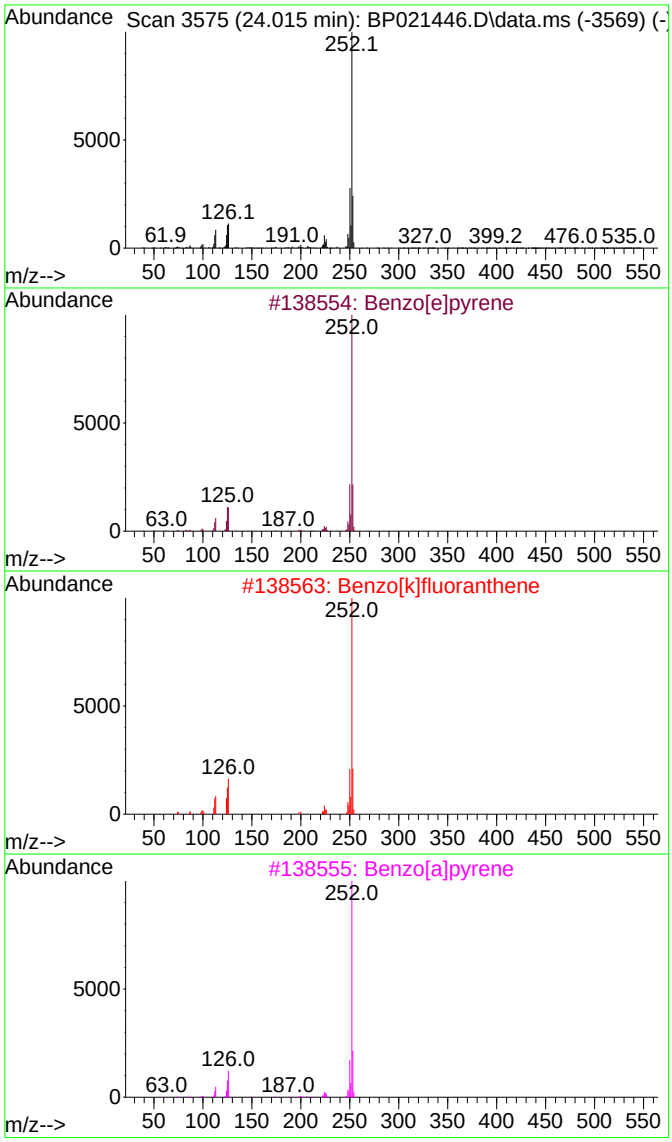
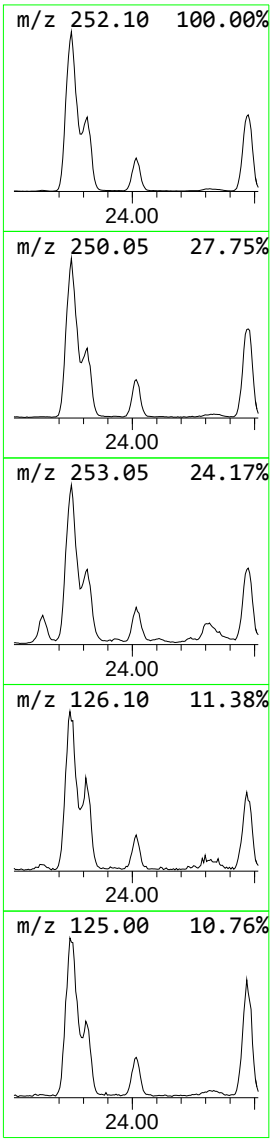
Peak Number 23 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.015	6.67 ng/ul	824158	Perylene-d12	24.786

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	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





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Acq On : 08 Aug 2024 11:51
Operator : CG/JU
Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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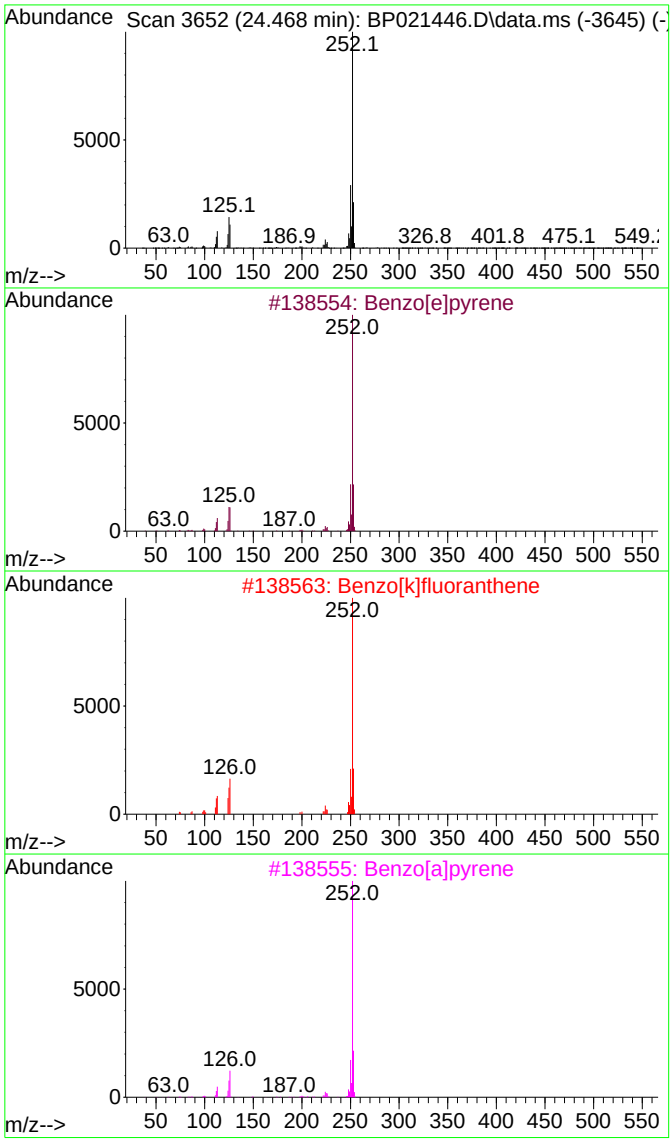
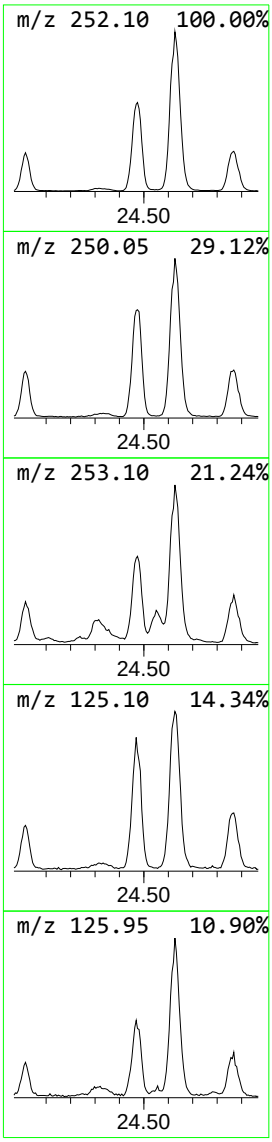
Peak Number 24 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.468	16.08 ng/ul	1986740	Perylene-d12	24.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Sample : P3437-15DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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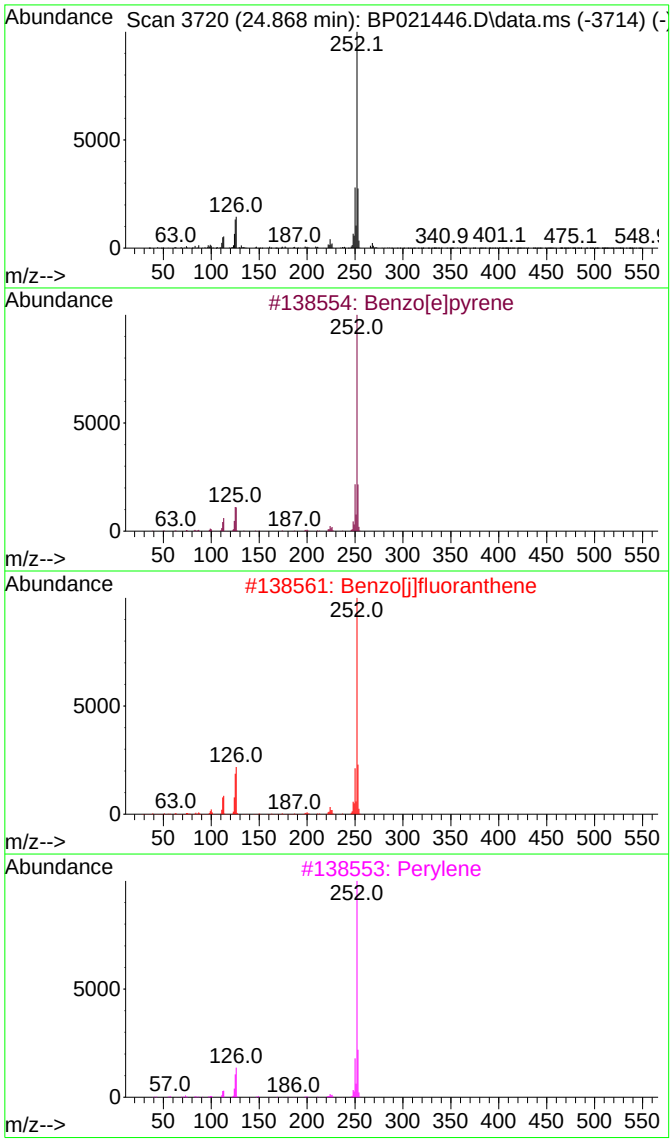
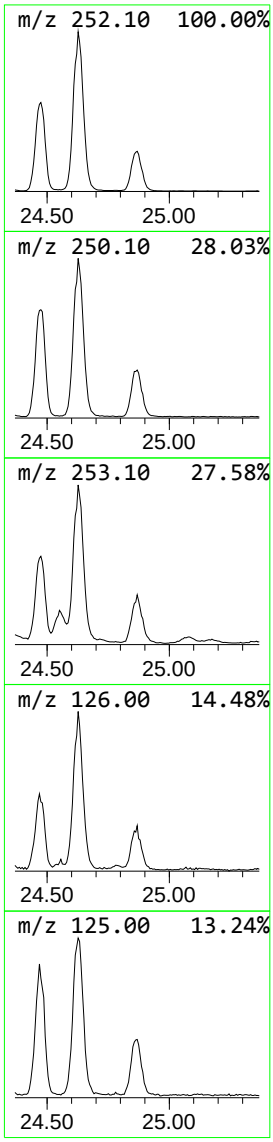
Peak Number 25 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.868	9.91 ng/ul	1224820	Perylene-d12	24.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

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Data File : BP021446.D
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Operator : CG/JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
Naphthalene, 1-...	13.275	2.3	ng/ul	235421	3	14.251	2008900	20.0
Naphthalene, 1,...	13.569	4.1	ng/ul	407388	3	14.251	2008900	20.0
Naphthalene, 1,...	13.816	2.1	ng/ul	215898	3	14.251	2008900	20.0
2-Naphthaleneca...	14.463	2.1	ng/ul	206523	3	14.251	2008900	20.0
Benzene, [1-(2,...	15.457	3.5	ng/ul	347207	3	14.251	2008900	20.0
1,1'-Biphenyl, ...	15.492	4.7	ng/ul	475008	3	14.251	2008900	20.0
Nordiphenamid	15.586	2.3	ng/ul	234883	3	14.251	2008900	20.0
[1,1'-Biphenyl]...	15.639	4.8	ng/ul	485630	3	14.251	2008900	20.0
2,4,6-Cyclohept...	15.792	6.6	ng/ul	741189	4	17.069	2237250	20.0
9H-Fluorene, 1-...	16.363	4.0	ng/ul	451653	4	17.069	2237250	20.0
Dibenzothiophene	16.892	8.9	ng/ul	992053	4	17.069	2237250	20.0
Acridine	17.304	3.4	ng/ul	382546	4	17.069	2237250	20.0
Phenanthrene, 2...	17.980	8.6	ng/ul	960173	4	17.069	2237250	20.0
Anthracene, 2-m...	18.028	11.8	ng/ul	1319460	4	17.069	2237250	20.0
1H-Cyclopropa[l...	18.133	3.6	ng/ul	406490	4	17.069	2237250	20.0
4H-Cyclopenta[d...	18.180	21.1	ng/ul	2364960	4	17.069	2237250	20.0
Phenanthrene, 4...	18.227	4.2	ng/ul	467818	4	17.069	2237250	20.0
Naphthalene, 2-...	18.510	7.0	ng/ul	788356	4	17.069	2237250	20.0
Phenanthrene, 2...	18.939	3.1	ng/ul	343332	4	17.069	2237250	20.0
Pyrene, 1-methyl-	20.110	4.7	ng/ul	2101940	5	21.510	8998530	20.0
11H-Benzo[b]flu...	20.210	4.5	ng/ul	2021740	5	21.510	8998530	20.0
Cyclopenta(cd)p...	21.704	2.7	ng/ul	1209680	5	21.510	8998530	20.0
Benzo[e]pyrene	24.015	6.7	ng/ul	824158	6	24.786	2471370	20.0
Perylene	24.468	16.1	ng/ul	1986740	6	24.786	2471370	20.0
Benzo[j]fluoran...	24.868	9.9	ng/ul	1224820	6	24.786	2471370	20.0