LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH3Q8

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	26	29	40	rVB	37597	60129	0.33%	0.058%
2	3.687	99	102	108	rVB	47357	60121	0.33%	0.058%
3	3.787	115	119	127	rVB	127276	153305	0.84%	0.147%
4	3.905	135	139	145	rVB	24325	39848	0.22%	0.038%
5	4.005	152	156	162	rVB	26921	36596	0.20%	0.035%
6	4.375	215	219	224	rBV3	34102	52111	0.28%	0.050%
7	4.928	307	313	323	rVB	36495	59804	0.33%	0.057%
8	5.334	378	382	386	rVB	26185	37159	0.20%	0.036%
9	5.887	472	476	486	rVB4	21697	37876	0.21%	0.036%
10	6.858	636	641	647	rVB	35432	66800	0.36%	0.064%
11	7.005	656	666	681	rVB	345634	718201	3.92%	0.687%
12	7.169	688	694	704	rVB	308226	481592	2.63%	0.461%
13	7.364	721	727	737	rVB	367212	583200	3.18%	0.558%
14	7.452	737	742	745	rBV	30489	51561	0.28%	0.049%
15	7.828	796	806	814	rBV	703941	1109042	6.05%	1.061%
16	8.422	902	907	912	rBV	22895	40918	0.22%	0.039%
17	8.546	922	928	937	rVV	265164	418155	2.28%	0.400%
18	8.658	939	947	954	rVV	117866	187073	1.02%	0.179%
19	8.922	983	992	997	rBV4	27167	55222	0.30%	0.053%
20	8.993	997	1004	1010	rVV	328804	545493	2.98%	0.522%
21	9.052	1011	1014	1019	rVB	32175	51018	0.28%	0.049%
22	9.158	1026	1032	1043	rVB9	19166	50089	0.27%	0.048%
23	9.710	1118	1126	1135	rBV	245144	426027	2.32%	0.407%
24	9.881	1151	1155	1161	rVB	28515	52551	0.29%	0.050%
25	9.963	1163	1169	1175	rVB	34992	64863	0.35%	0.062%
26	10.069	1175	1187	1194	rBV8	19433	54331	0.30%	0.052%
27	10.252	1212	1218	1225	rVB	368050	604405	3.30%	0.578%
28	10.481	1252	1257	1263	rBV9	19622	37809	0.21%	0.036%
29	10.628	1272	1282	1287	rBV	787439	1370404	7.47%	1.311%
30	10.675	1287	1290	1298	rVB	46209	75381	0.41%	0.072%
31	10.775	1298	1307	1318	rBV2	68984	167652	0.91%	0.160%
32	11.175	1368	1375	1382	rBV2	12554	30533	0.17%	0.029%
33	11.428	1412	1418	1430	rVB4	35015	77305	0.42%	0.074%
34	12.287	1559	1564	1568	rVB	25566	41297	0.23%	0.040%
35	12.410	1579	1585	1596	rBV	59070	140795	0.77%	0.135%
36	12.504	1597	1601	1609	rVB2	23687	47174	0.26%	0.045%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
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Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	13.293	1729	1735	1740	rVB5	31186	57535	0.31%	0.055%
38	13.363	1740	1747	1755	rBV10	11814	31993	0.17%	0.031%
39	13.881	1829	1835	1840	rVB	575310	813086	4.43%	0.778%
40	14.063	1862	1866	1871	rBV6	32621	52987	0.29%	0.051%
41	14.157	1876	1882	1895	rVB	770568	1238913	6.76%	1.185%
42	14.463	1925	1934	1940	rBV	1081540	1601195	8.73%	1.532%
43	14.528	1940	1945	1953	rVB	46457	84732	0.46%	0.081%
44	14.681	1965	1971	1978	rBV	121598	210269	1.15%	0.201%
45	14.828	1991	1996	1999	rBV3	34458	55306	0.30%	0.053%
46	14.863	1999	2002	2012	rVV2	49951	103921	0.57%	0.099%
47	15.251	2062	2068	2076	rBV2	20344	49698	0.27%	0.048%
48	15.404	2090	2094	2097	rBV6	30207	45162	0.25%	0.043%
49	15.457	2097	2103	2108	rVV	983942	1409556	7.69%	1.348%
50	15.510	2108	2112	2121	rVV	65119	114478	0.62%	0.109%
51	15.587	2121	2125	2131	rVV	57431	85242	0.46%	0.082%
52	15.804	2157	2162	2169	rVB2	36735	61681	0.34%	0.059%
53	15.951	2184	2187	2195	rVB	32990	60001	0.33%	0.057%
54	16.192	2222	2228	2233	rBV5	35849	68613	0.37%	0.066%
55	16.516	2280	2283	2287	rVB4	23603	32048	0.17%	0.031%
56	16.616	2296	2300	2306	rBV	92787	129718	0.71%	0.124%
57	16.787	2326	2329	2332	rVB3	26631	32867	0.18%	0.031%
58	16.869	2339	2343	2349	rVB	69920	105538	0.58%	0.101%
59	16.939	2352	2355	2358	rBV3	32083	48559	0.26%	0.046%
60	17.034	2367	2371	2379	rVB	69627	101053	0.55%	0.097%
61	17.216	2396	2402	2405	rBV	1373006	2023060	11.03%	1.935%
62	17.257	2405	2409	2413	rVV	1182847	1645854	8.98%	1.574%
63	17.310	2413	2418	2422	rVV2	1119838	1693049	9.23%	1.619%
64	17.345	2422	2424	2429	rVV	360124	434605	2.37%	0.416%
65	17.398	2429	2433	2440	rVB4	44375	98786	0.54%	0.094%
66	17.622	2468	2471	2475	rBV	78974	89707	0.49%	0.086%
67	17.681	2479	2481	2484	rVB	47357	48206	0.26%	0.046%
68	17.792	2497	2500	2508	rVB3	62223	100004	0.55%	0.096%
69	18.110	2550	2554	2563	rVB2	2483949	3636160	19.83%	3.478%
70	18.210	2568	2571	2576	rVB	134285	169812	0.93%	0.162%
71	18.269	2576	2581	2585	rBV3	336808	599860	3.27%	0.574%
72	18.304	2585	2587	2597	rVB	221817	298887	1.63%	0.286%
73	18.569	2628	2632	2636	rBV	248492	360159	1.96%	0.344%
74	18.610	2636	2639	2645	rVB	204865	284883	1.55%	0.272%
75	18.986	2696	2703	2707	rBV2	317159	761834	4.16%	0.729%
76	19.110	2720	2724	2728	rBV	239869	443211	2.42%	0.424%

LSC Area Percent Report

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Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

77	19.228	2739	2744	2757	rBV	4692690	7492082	40.86%	7.166%
78	19.345	2760	2764	2772	rVB2	1792206	2336618	12.74%	2.235%
79	19.469	2782	2785	2789	rBV	166066	251414	1.37%	0.240%
80	19.551	2794	2799	2802	rBV2	2183809	3339139	18.21%	3.194%
81	19.581	2802	2804	2811	rVB	3194334	3688588	20.12%	3.528%
82	19.651	2813	2816	2821	rVB2	177103	247602	1.35%	0.237%
83	19.904	2854	2859	2863	rBV4	381411	859054	4.69%	0.822%
84	20.110	2891	2894	2897	rBV	541046	672295	3.67%	0.643%
85	20.151	2897	2901	2906	rVV2	631484	979136	5.34%	0.937%
86	20.216	2907	2912	2917	rVV2	457339	862943	4.71%	0.825%
87	20.357	2933	2936	2938	rBV	308207	352405	1.92%	0.337%
88	20.392	2938	2942	2954	rVB5	2338865	3987870	21.75%	3.814%
89	20.498	2956	2960	2968	rVB4	1078410	1515861	8.27%	1.450%
90	20.569	2968	2972	2978	rBV	1265159	1776498	9.69%	1.699%
91	20.798	3008	3011	3015	rBV	492198	684994	3.74%	0.655%
92	20.880	3022	3025	3030	rBV	1613709	1974204	10.77%	1.888%
93	21.022	3042	3049	3058	rVB	10958343	18334124	100.00%	17.536%
94	21.304	3092	3097	3101	rBV3	3041378	6565639	35.81%	6.280%
95	21.345	3101	3104	3114	rVB	2678998	4116932	22.46%	3.938%
96	22.963	3373	3379	3384	rBV	2264072	5648096	30.81%	5.402%
97	23.474	3461	3466	3471	rBV	1421661	2908152	15.86%	2.782%
98	23.527	3472	3475	3479	rVV2	1190806	2167425	11.82%	2.073%
99	23.580	3479	3484	3491	rVB	2336658	4420881	24.11%	4.229%
100	23.686	3497	3502	3507	rBV	1139614	1998424	10.90%	1.911%

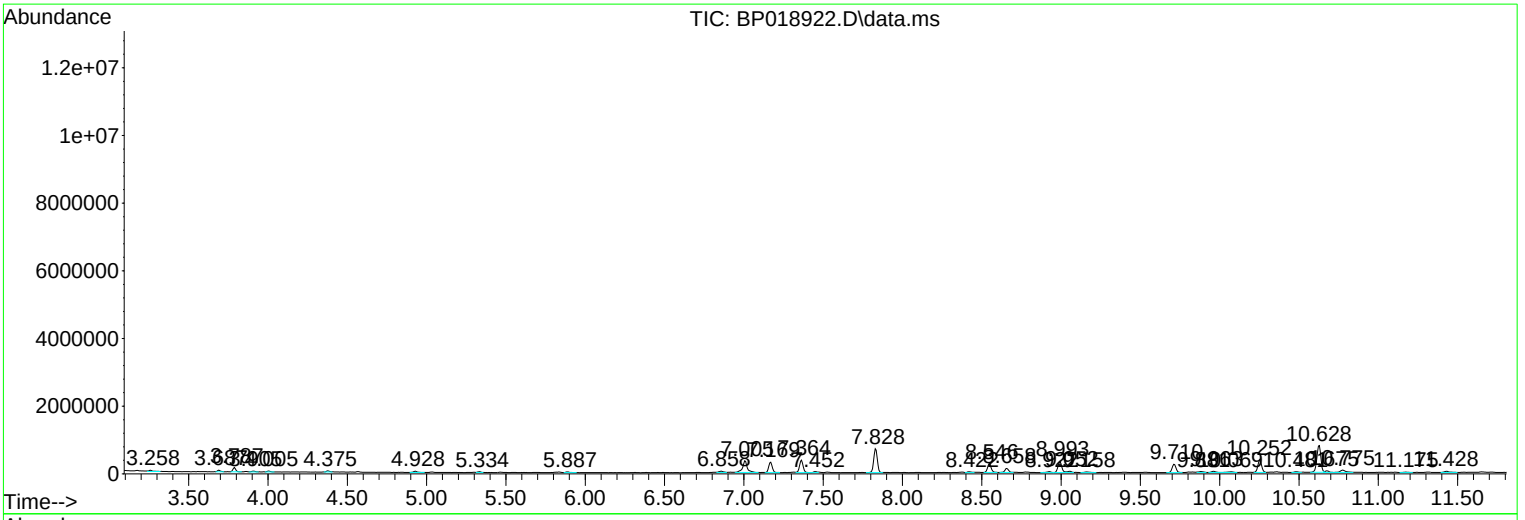
Sum of corrected areas: 104548444

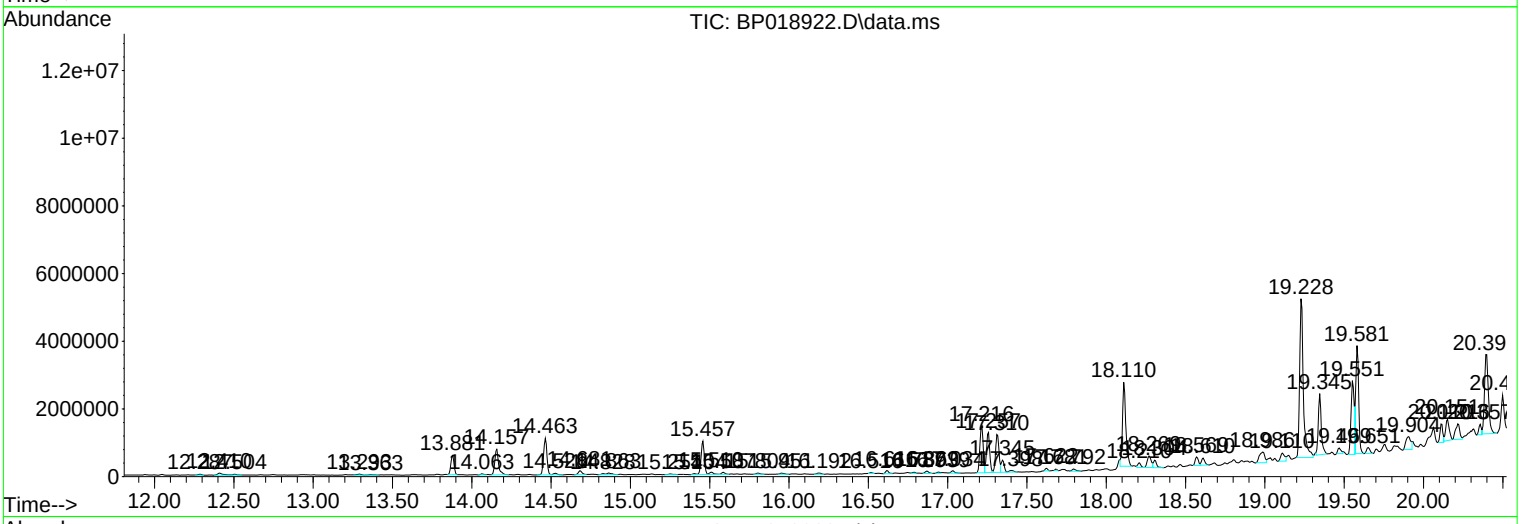
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

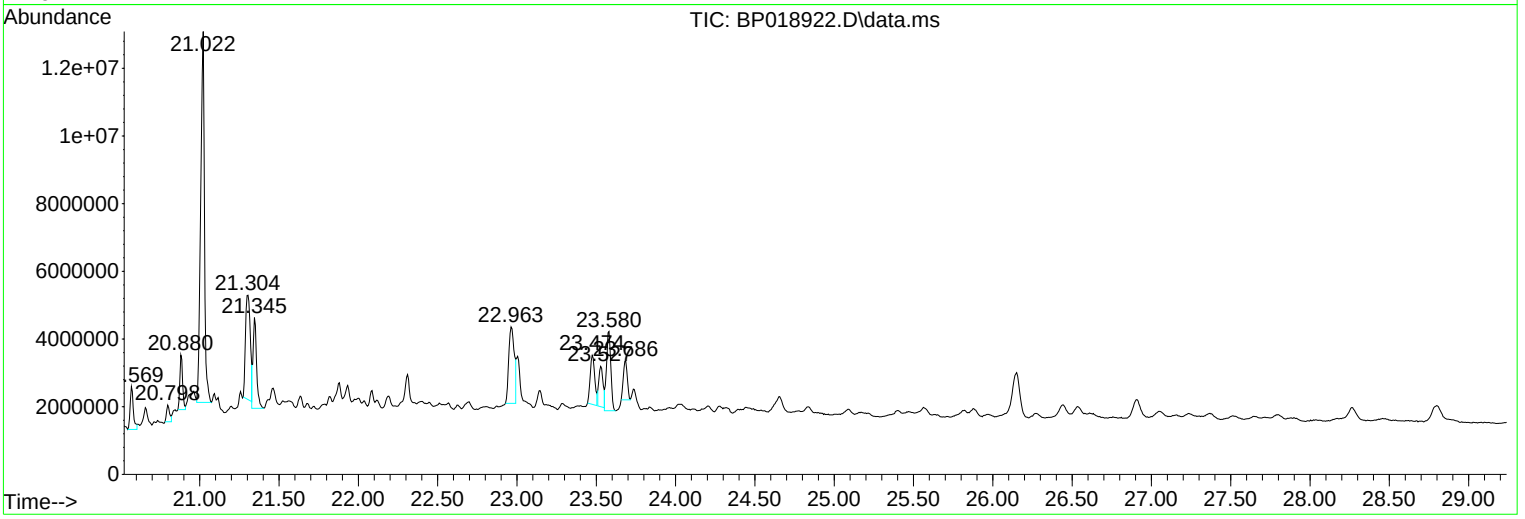
Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

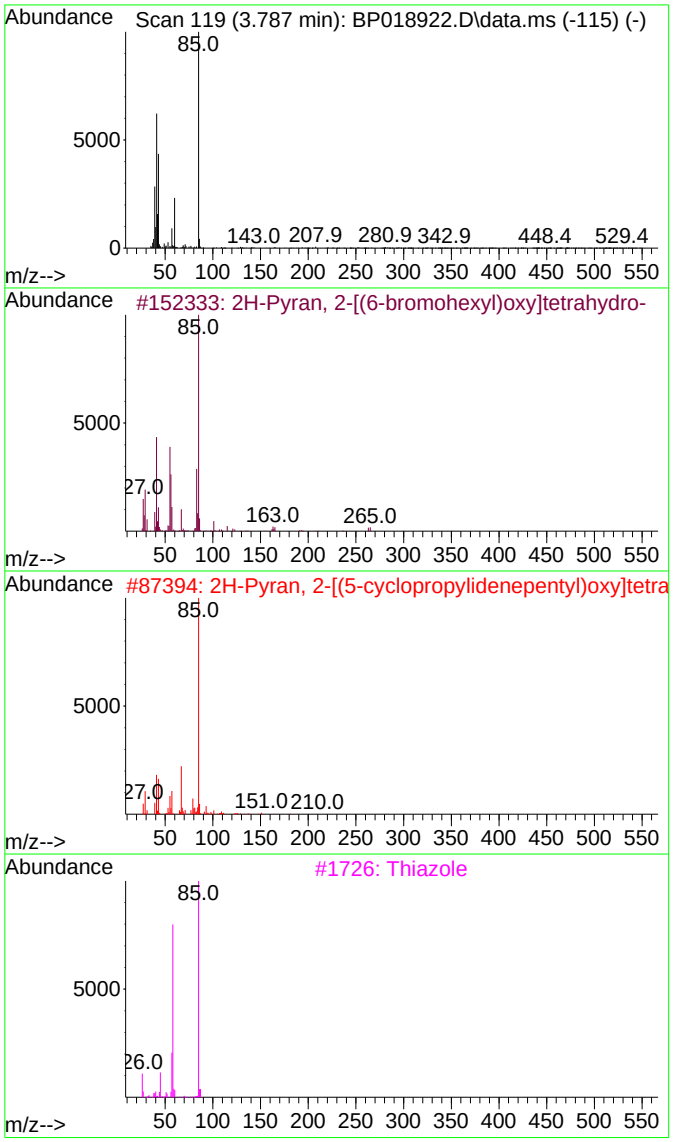
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

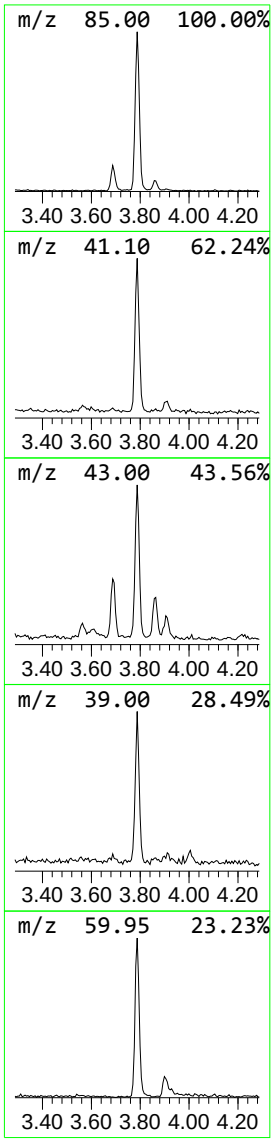
****

Peak Number 1 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.787	2.76 ng/ul	153305	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-[(6-bromohexyl)oxy]t...	264	C11H21BrO2	053963-10-3	9
2	2H-Pyran, 2-[(5-cyclopropylidene...	210	C13H22O2	123416-83-1	9
3	Thiazole	85	C3H3NS	000288-47-1	9
4	N,N-Diethyl-1-piperazinesulfonamide	221	C8H19N3O2S	098545-23-4	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

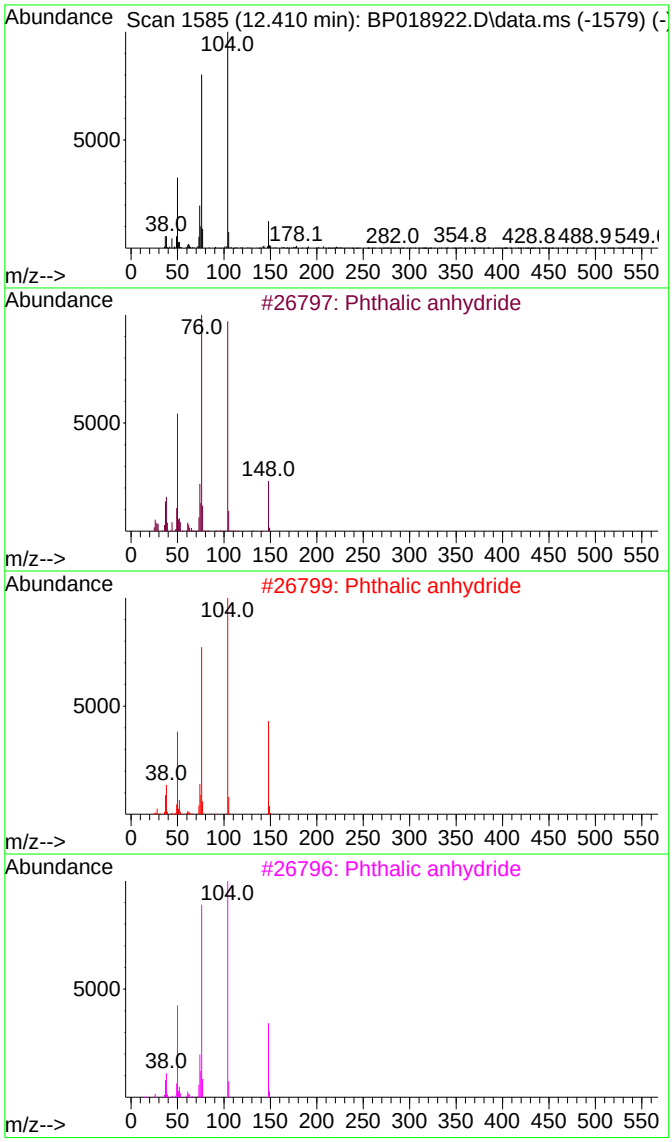
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

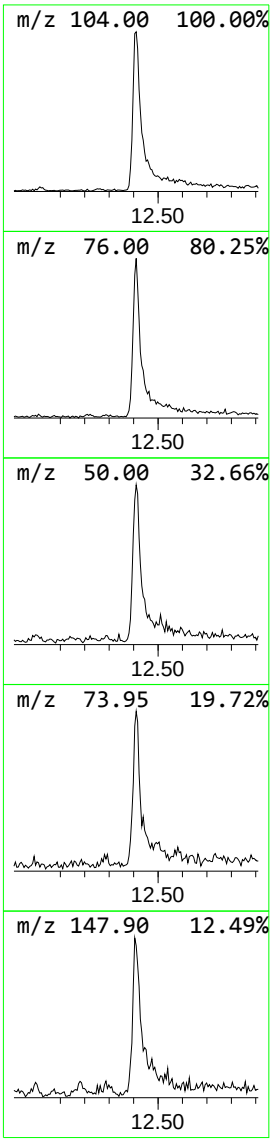
****

Peak Number 2 Phthalic anhydride Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	2.05 ng/ul	140795	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	94
2	Phthalic anhydride	148	C8H4O3	000085-44-9	94
3	Phthalic anhydride	148	C8H4O3	000085-44-9	94
4	Phthalic anhydride	148	C8H4O3	000085-44-9	91
5	Ninhydrin	178	C9H6O4	000485-47-2	90





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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

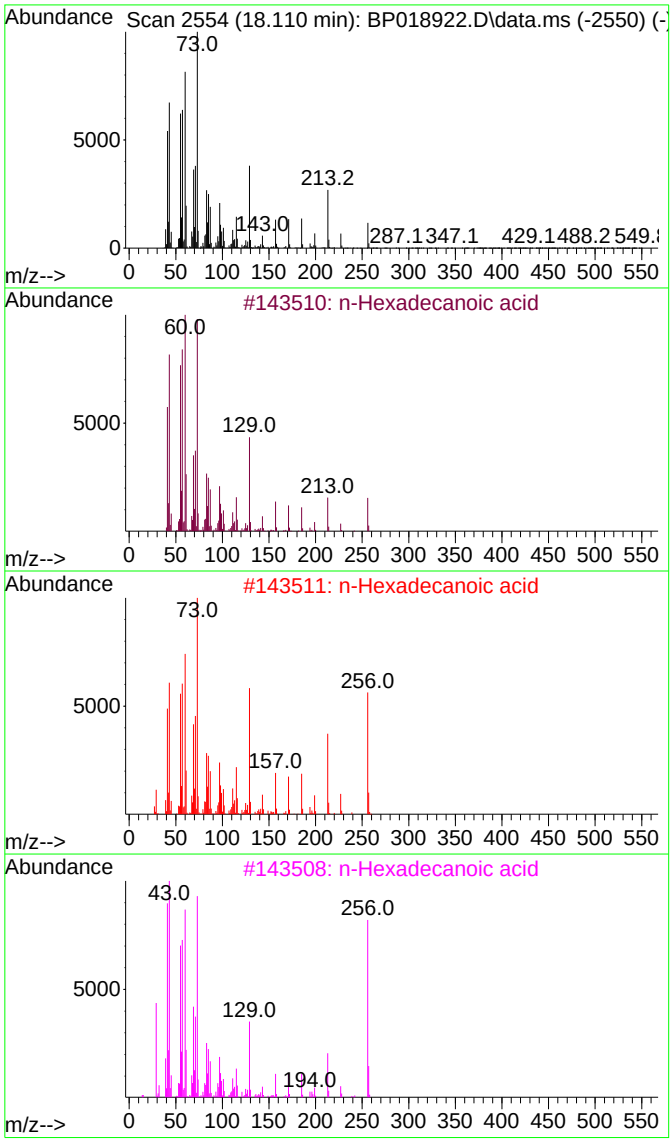
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

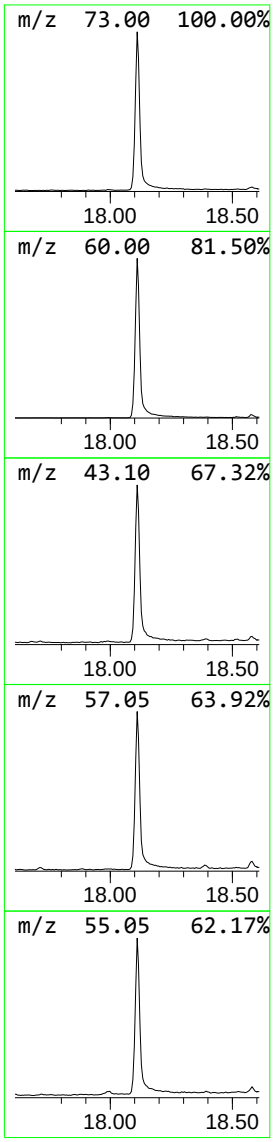
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	35.95 ng/ul	3636160	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

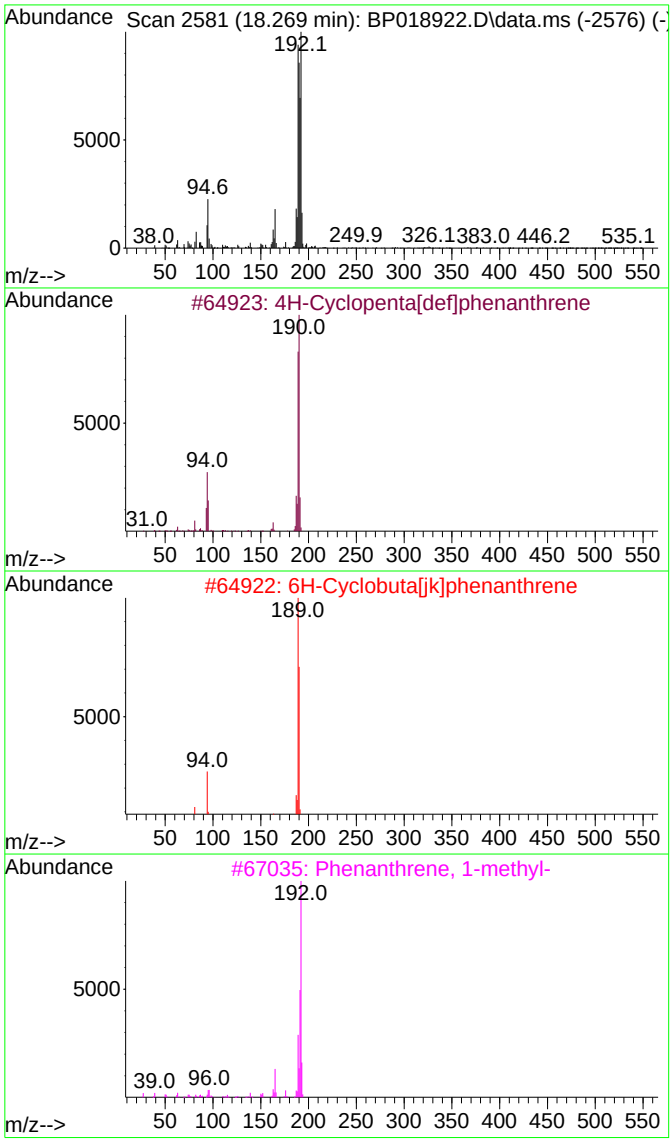
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

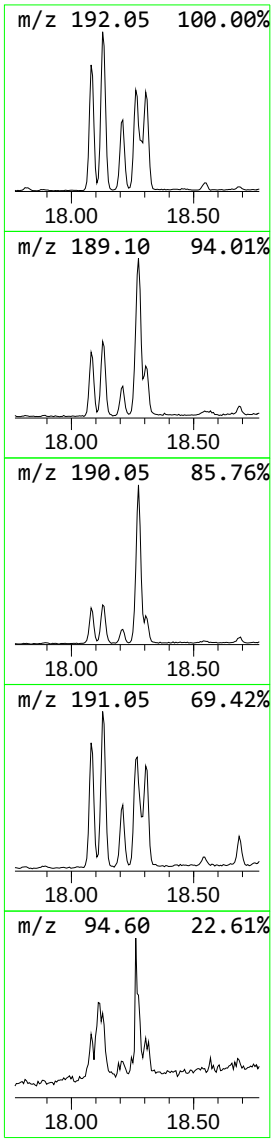
****

Peak Number 4 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	5.93 ng/ul	599860	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

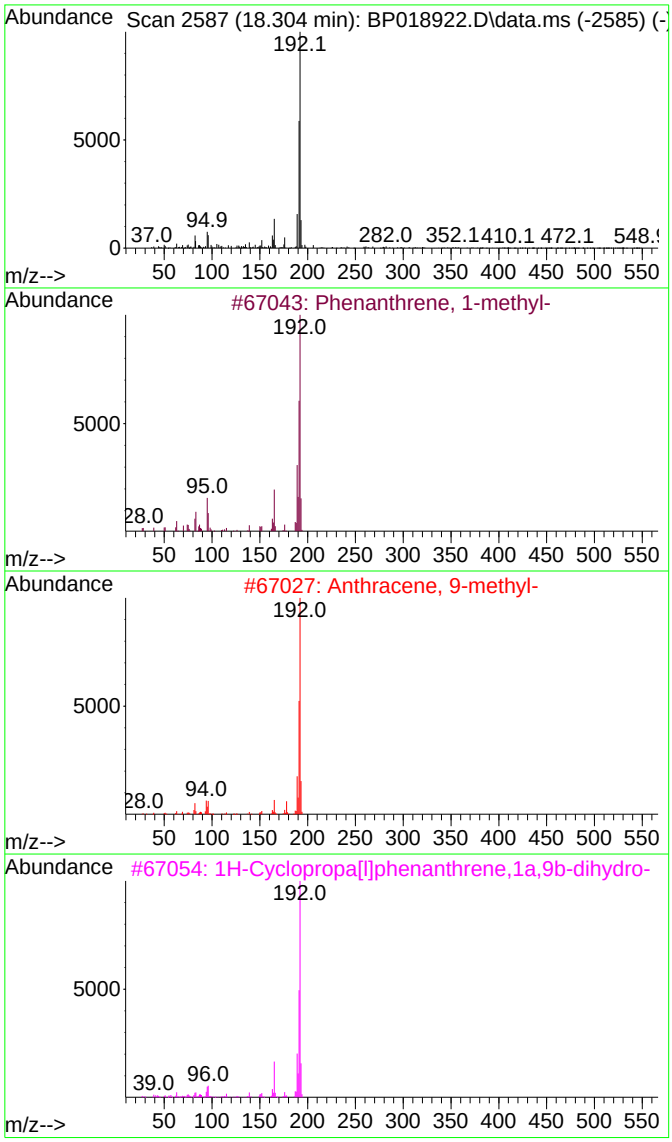
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

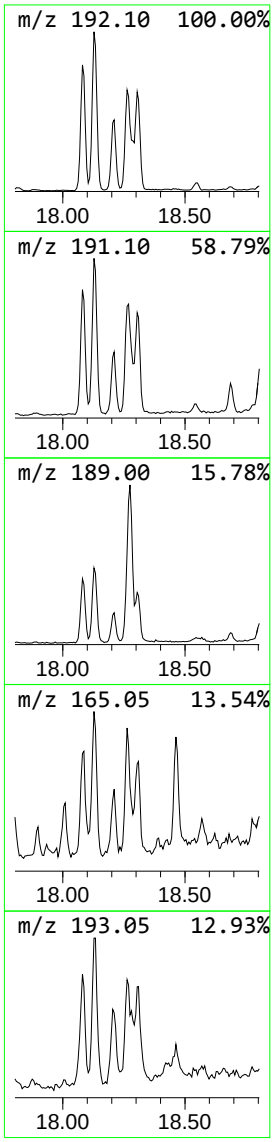
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	2.95 ng/ul	298887	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

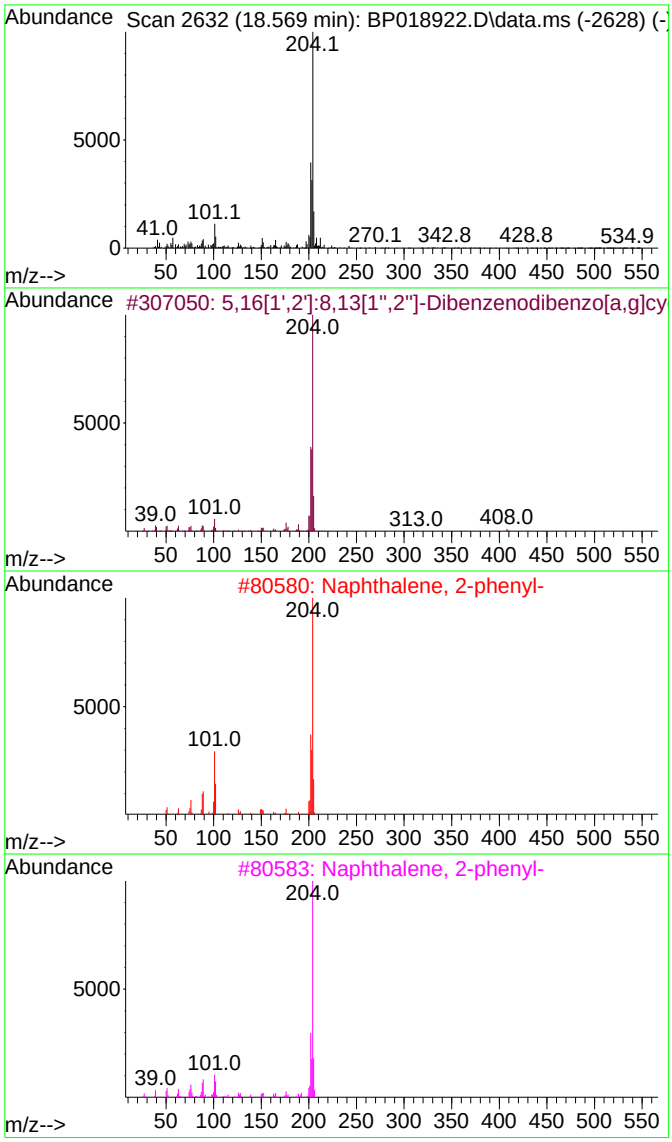
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

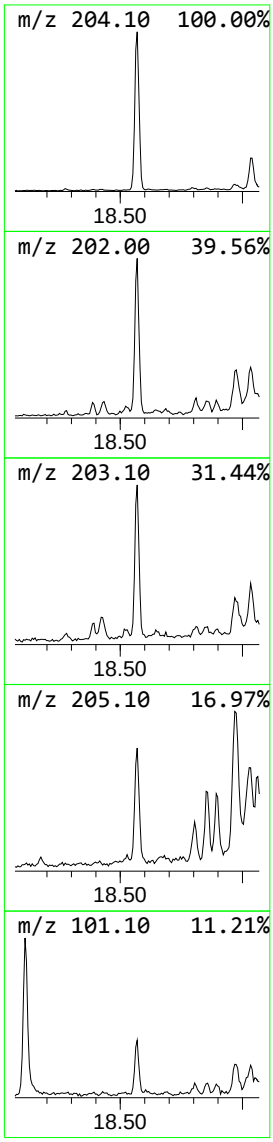
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	3.56 ng/ul	360159	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

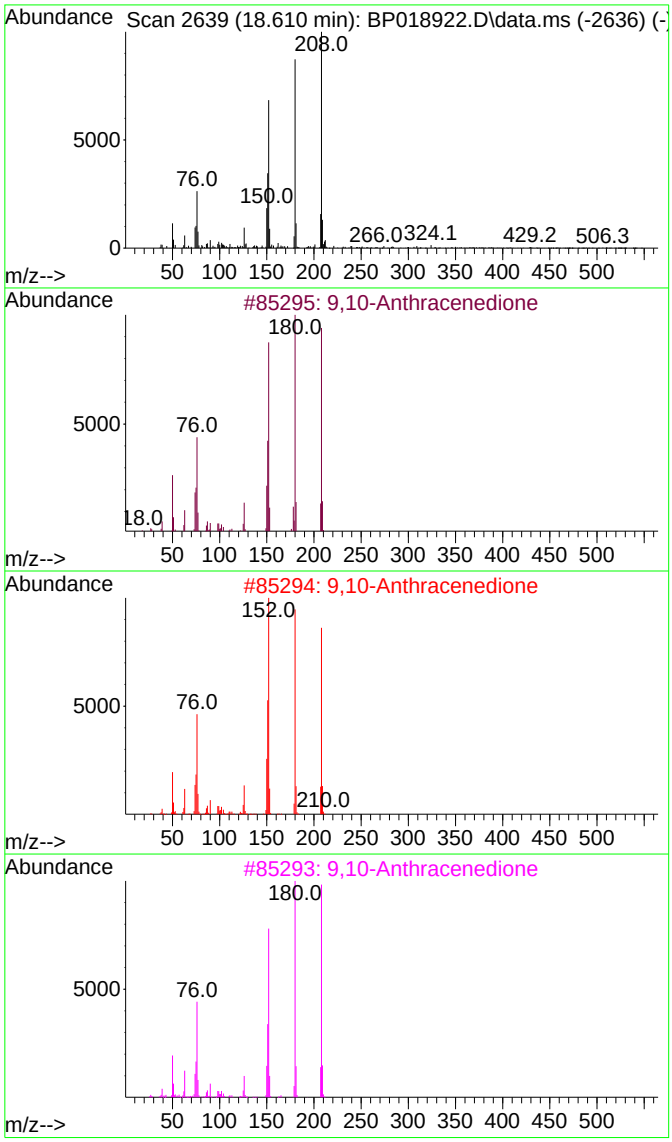
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

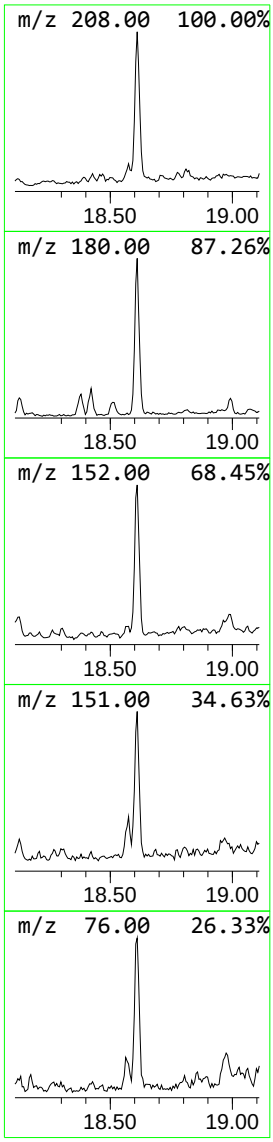
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	2.82 ng/ul	284883	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

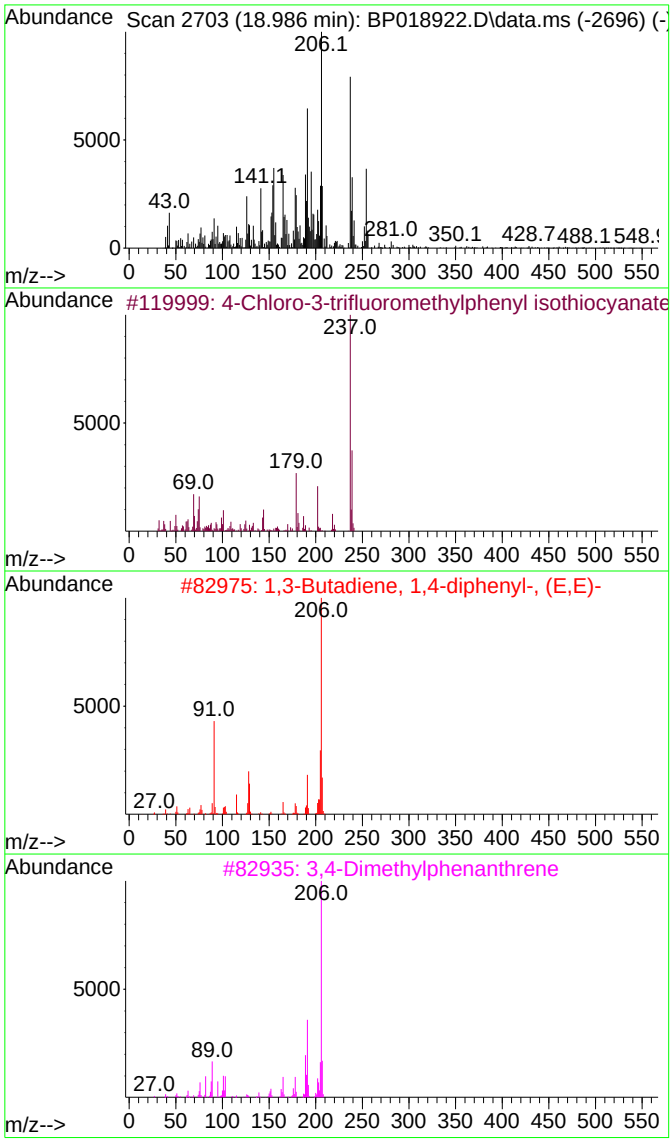
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

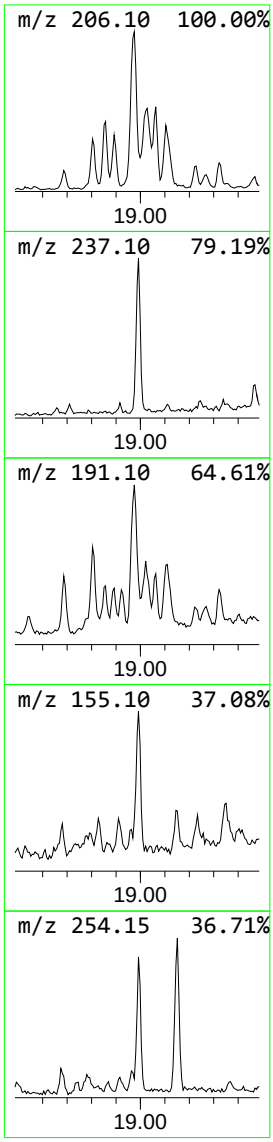
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Chloro-3-trifluoromethylp... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	7.53 ng/ul	761834	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-trifluoromethylphenyl...	237	C8H3ClF3NS	023163-86-2	50
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	46
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	46
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	46





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Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

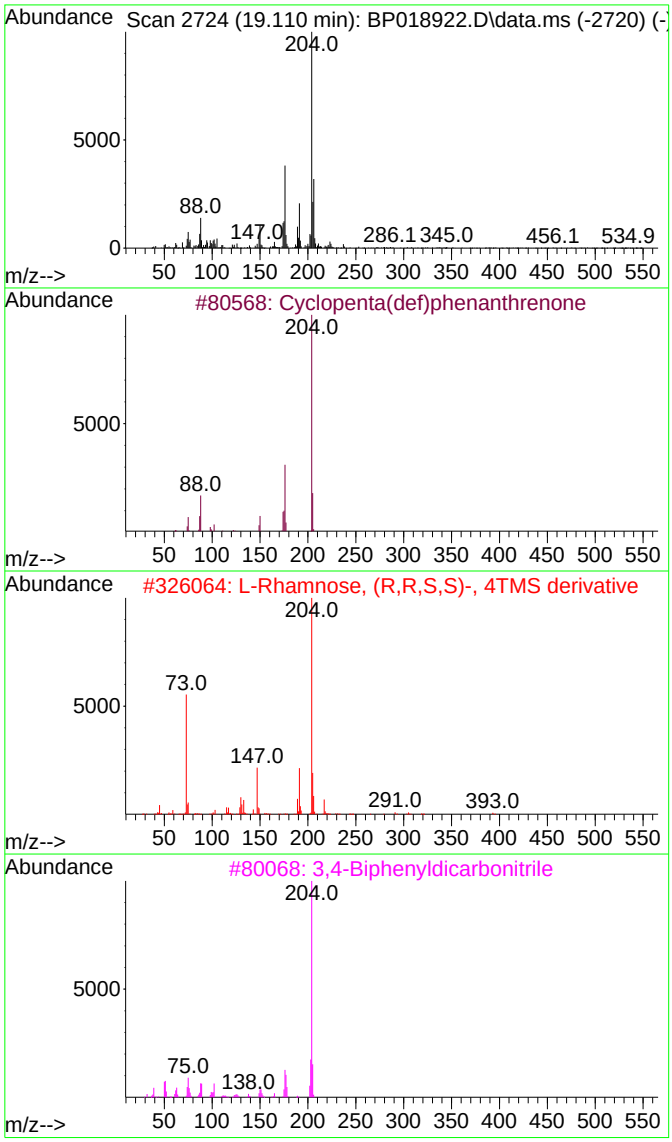
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

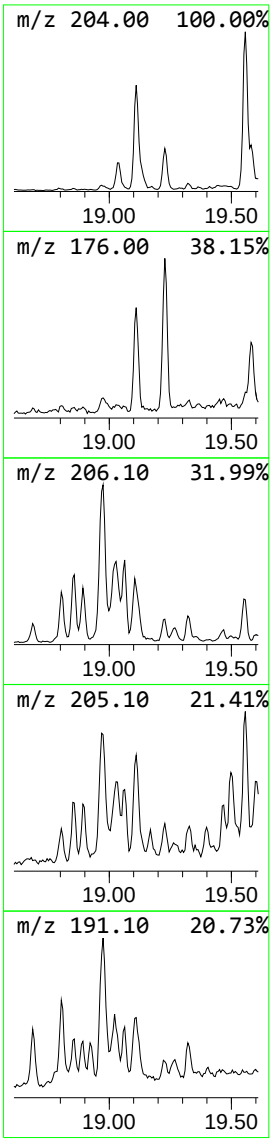
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	4.38 ng/ul	443211	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43





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Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

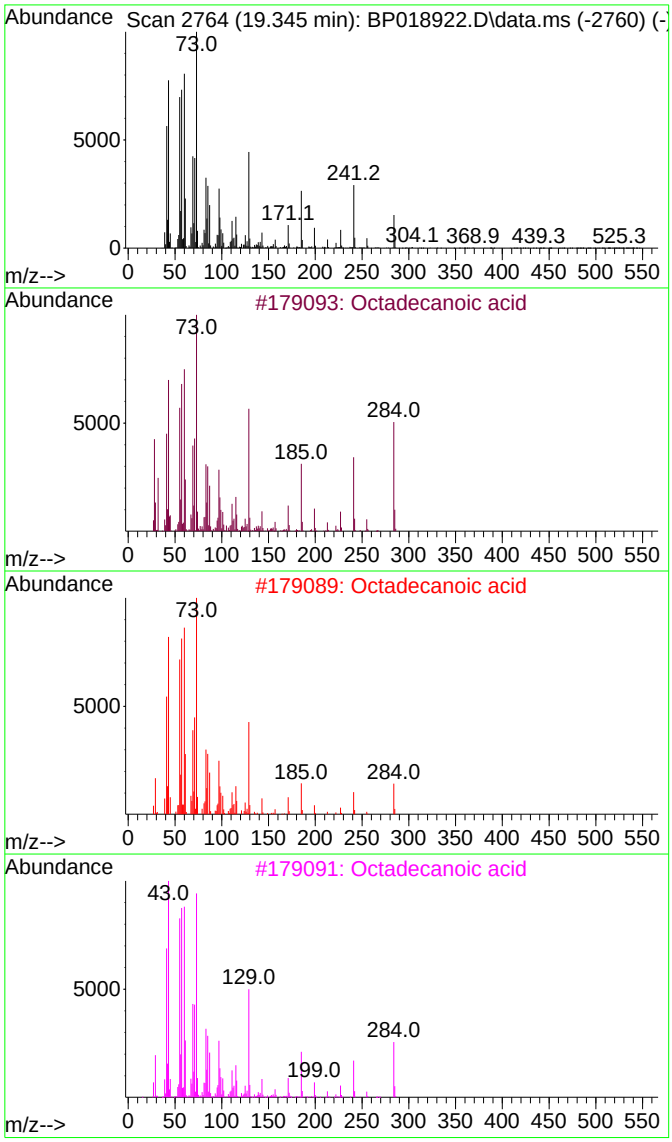
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

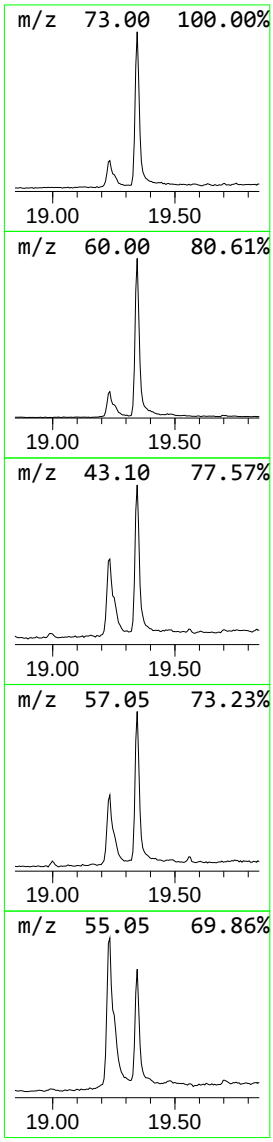
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	7.12 ng/ul	2336620	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

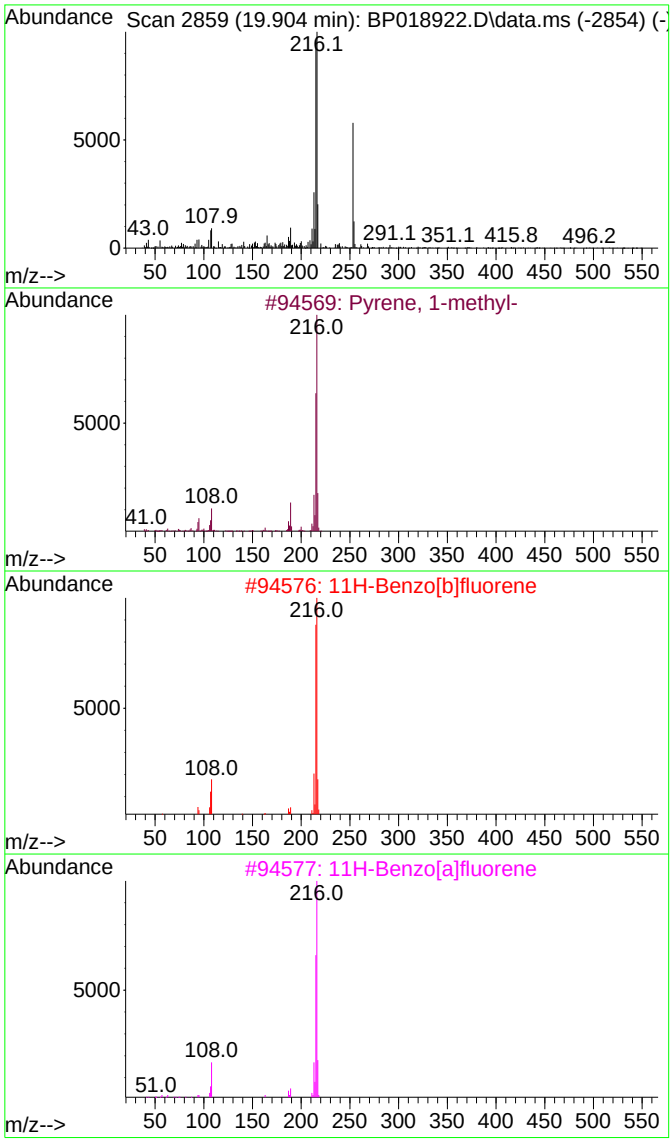
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

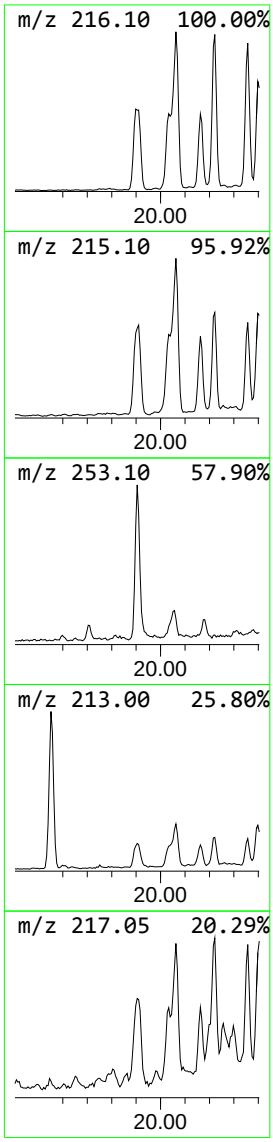
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.904	2.62 ng/ul	859054	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

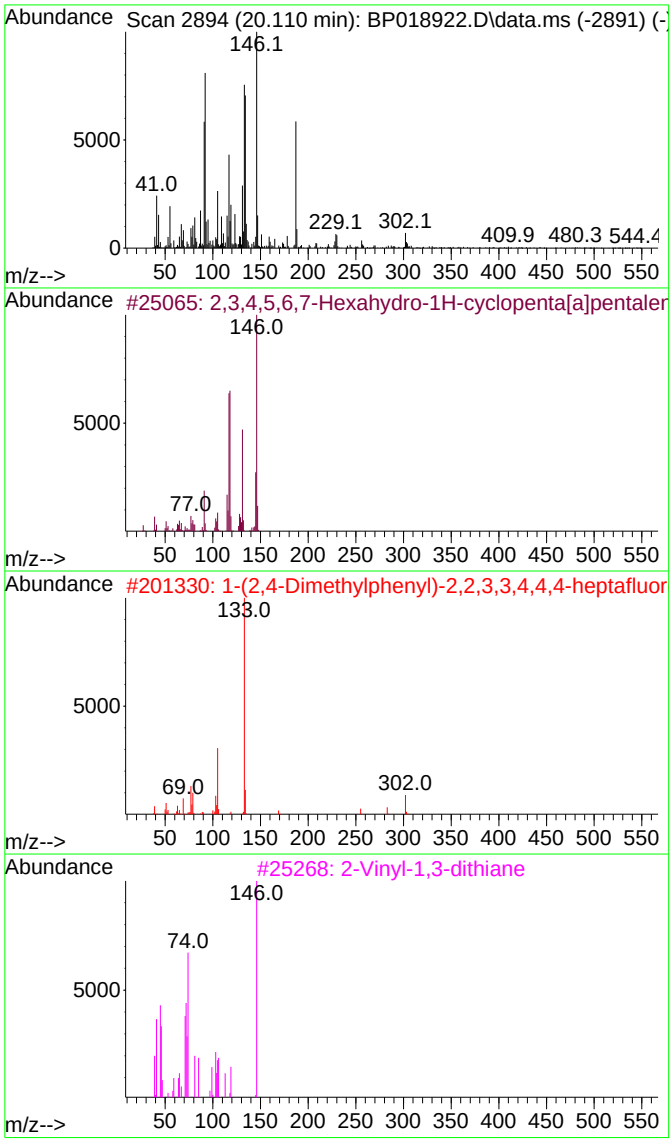
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

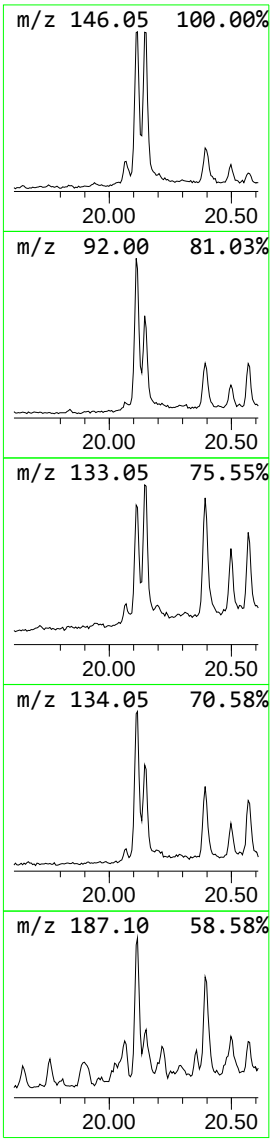
****

Peak Number 12 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	2.05 ng/ul	672295	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	38
2	1-(2,4-Dimethylphenyl)-2,2,3,3,4...	302	C12H9F7O	1000489-34-7	25
3	2-Vinyl-1,3-dithiane	146	C6H10S2	061685-40-3	25
4	2-Isopropenyl-3-methylpyrazine	134	C8H10N2	145984-65-2	22
5	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	20





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Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

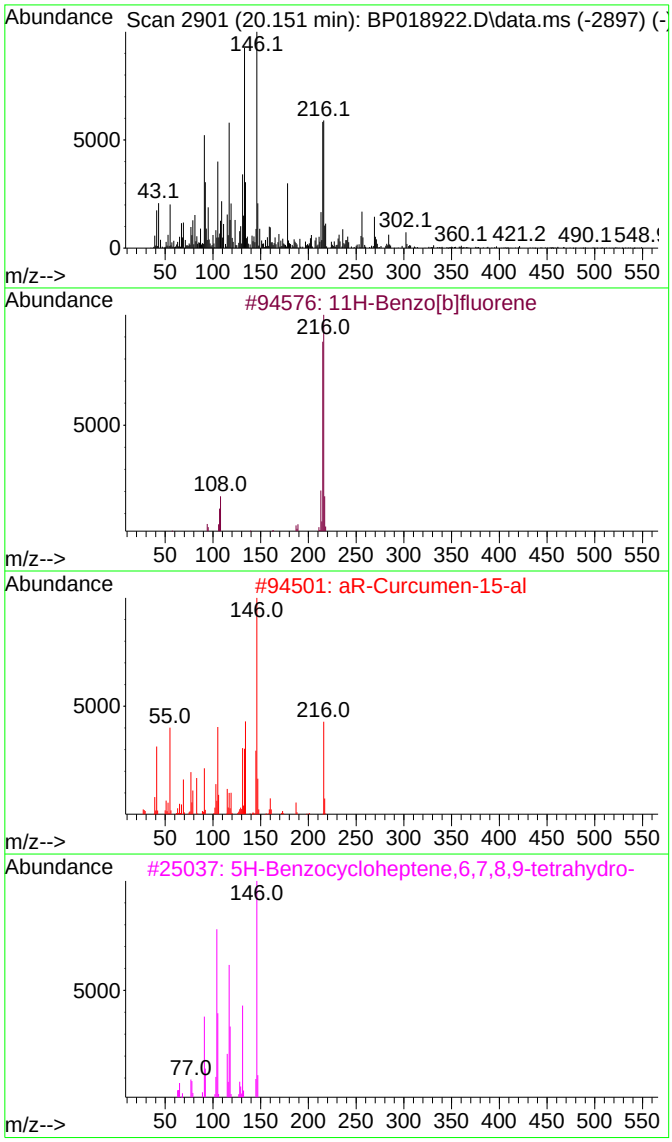
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

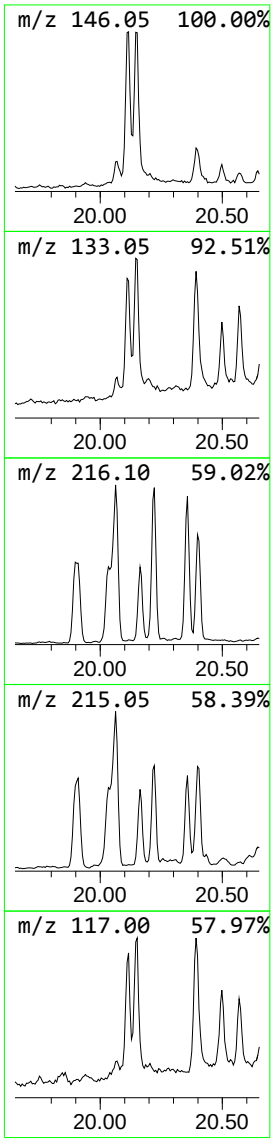
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.98 ng/ul	979136	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	56
2	aR-Curcumen-15-al	216	C15H20O	186350-72-1	43
3	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	38
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	30
5	2-Vinyl-1,3-dithiane	146	C6H10S2	061685-40-3	25





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Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

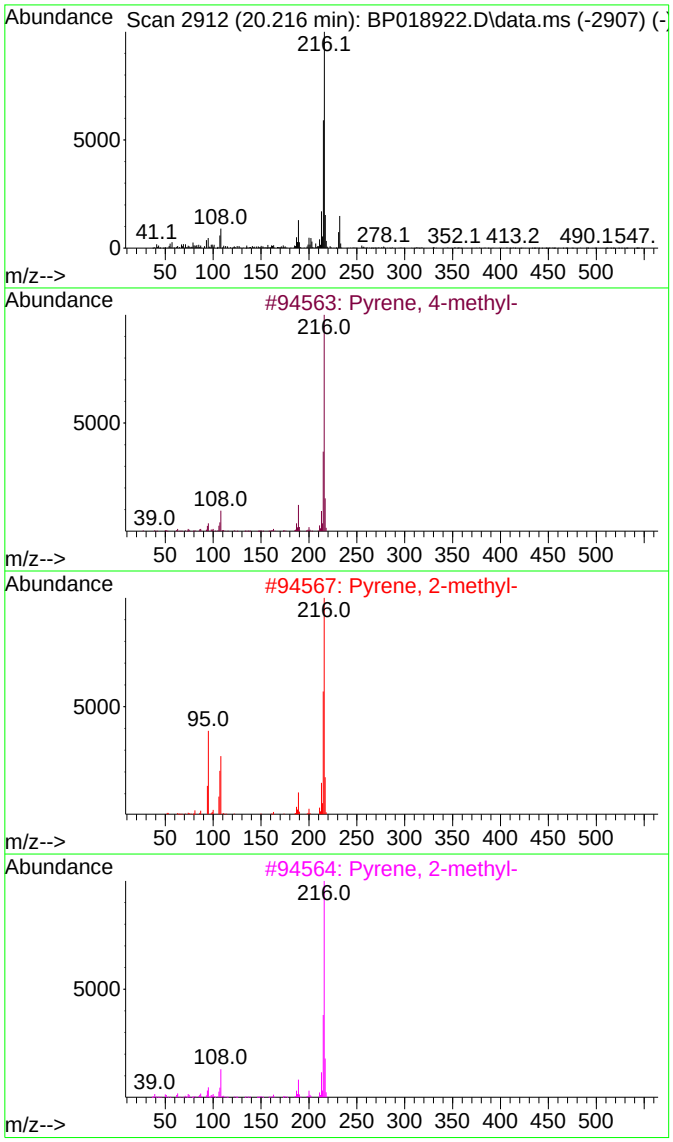
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

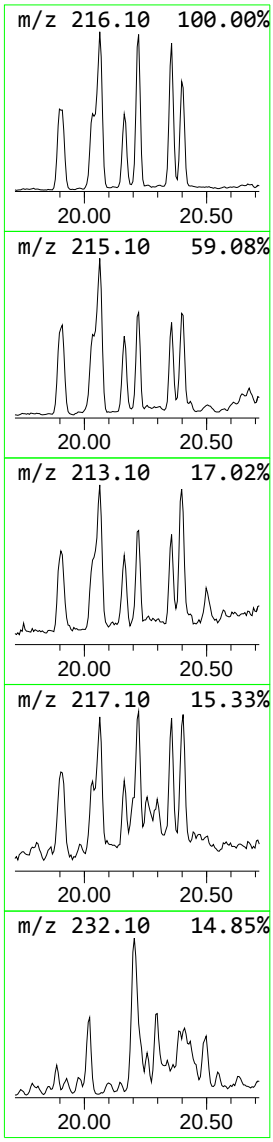
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.63 ng/ul	862943	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

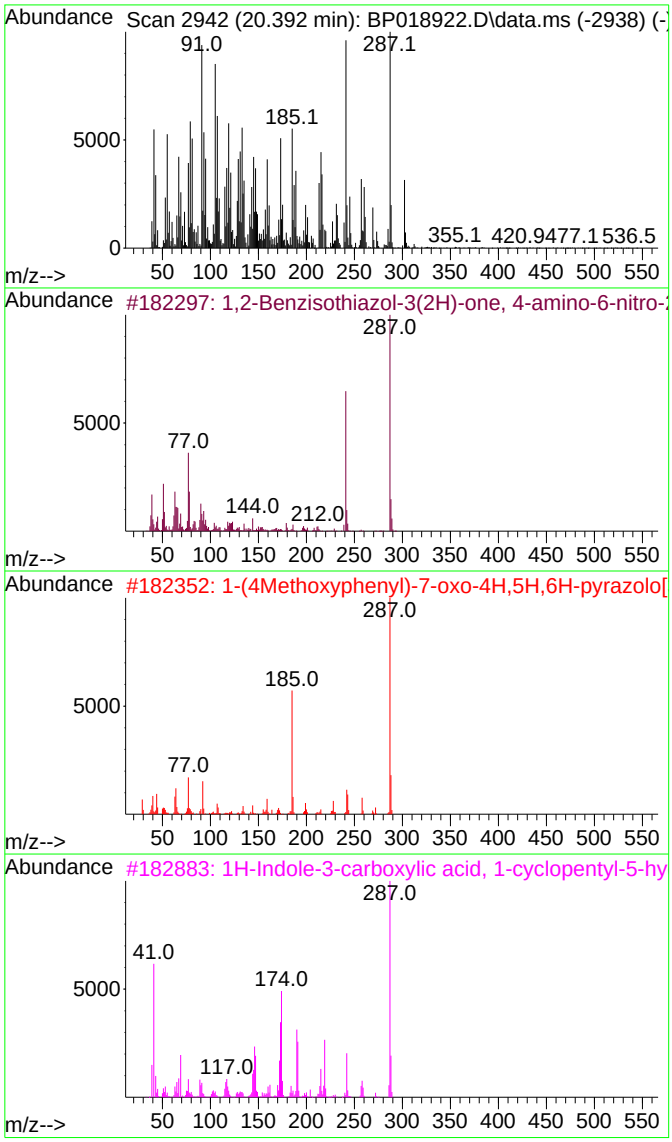
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

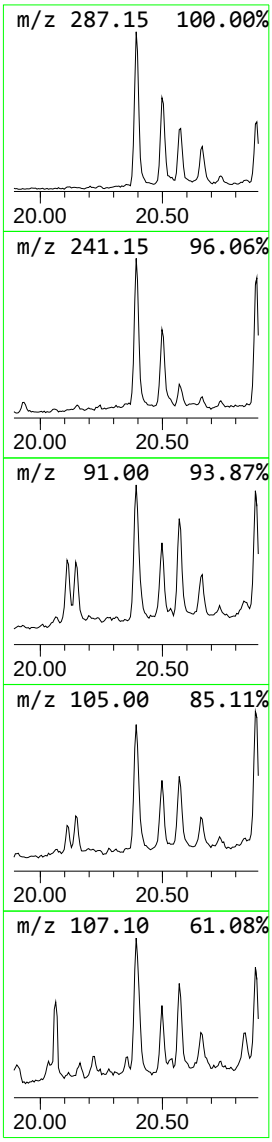
****

Peak Number 15 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.392	12.15 ng/ul	3987870	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	46
2	1-(4Methoxyphenyl)-7-oxo-4H,5H,6...	287	C14H13N3O4	1000444-27-3	38
3	1H-Indole-3-carboxylic acid, 1-c...	287	C17H21NO3	1000337-19-9	25
4	5,7-Diphenyl-7H-pyrrolo[2,3-d]py...	287	C18H13N3O	287177-12-2	25
5	thiazolo[5,4-b]pyridin-2-amine, ...	241	C13H11N3S	1000401-21-9	25





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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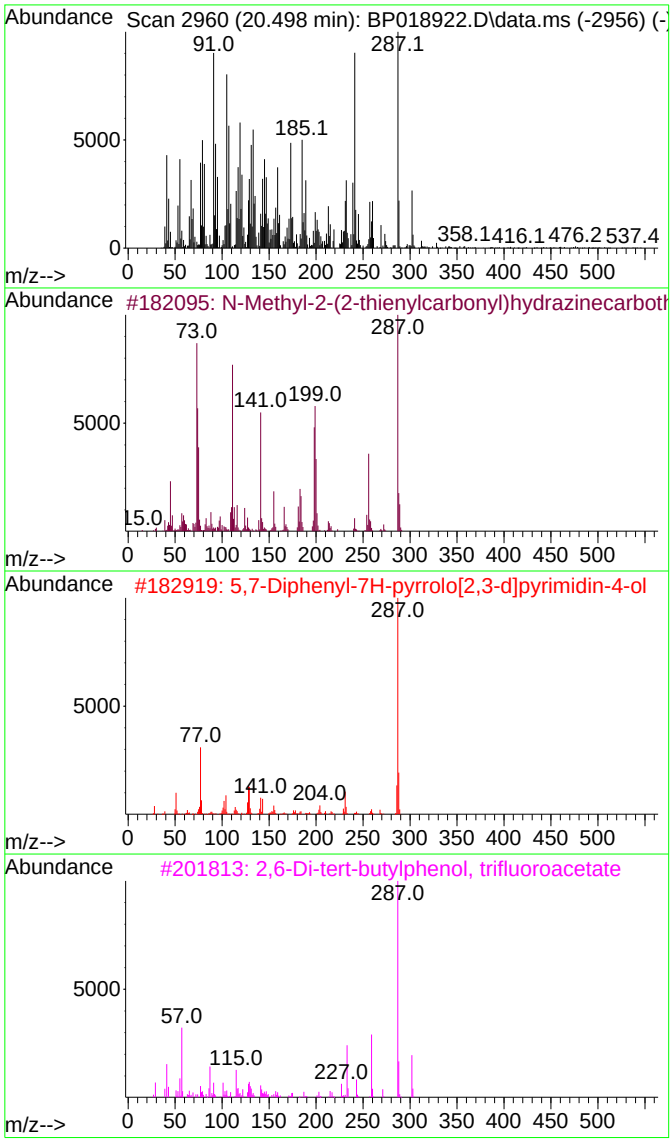
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

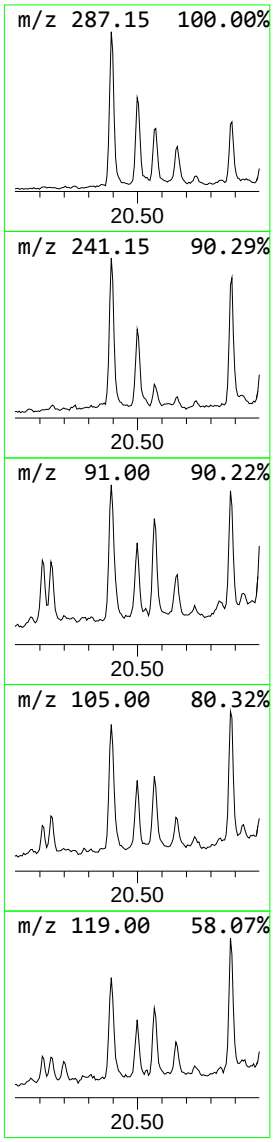
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 N-Methyl-2-(2-thienylcarbon... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.498	4.62 ng/ul	1515860	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methyl-2-(2-thienylcarbonyl)hy...	287	C10H17N3OS2Si	1010486-38-3	53
2	5,7-Diphenyl-7H-pyrrolo[2,3-d]py...	287	C18H13N3O	287177-12-2	25
3	2,6-Di-tert-butylphenol, trifluo...	302	C16H21F3O2	1000467-25-5	18
4	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	18
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

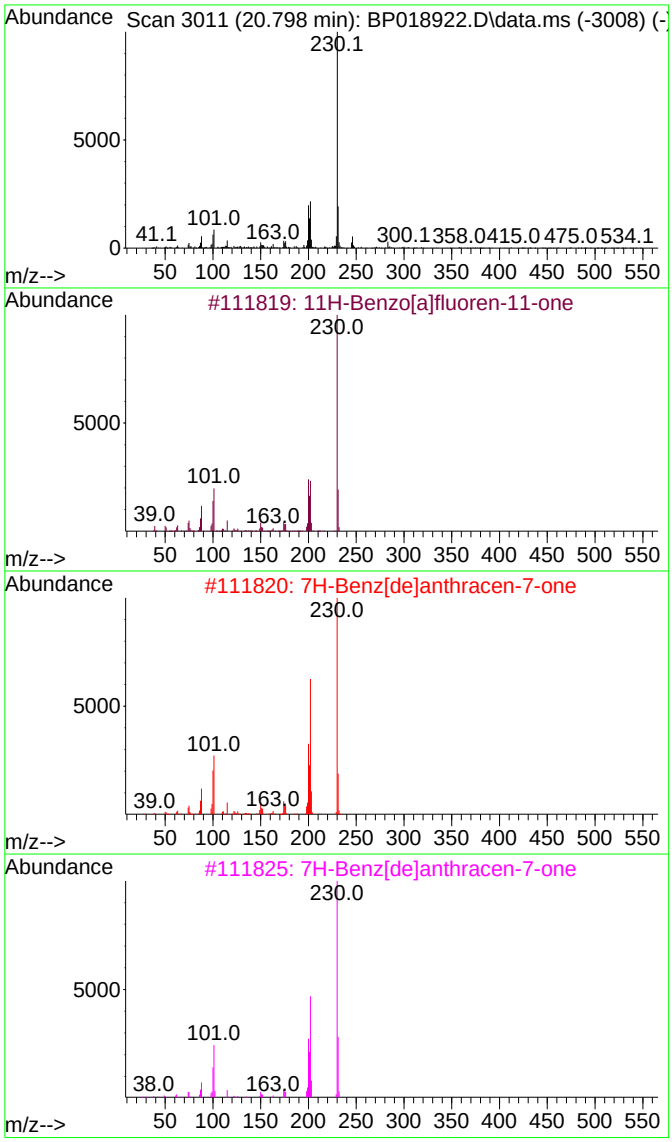
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

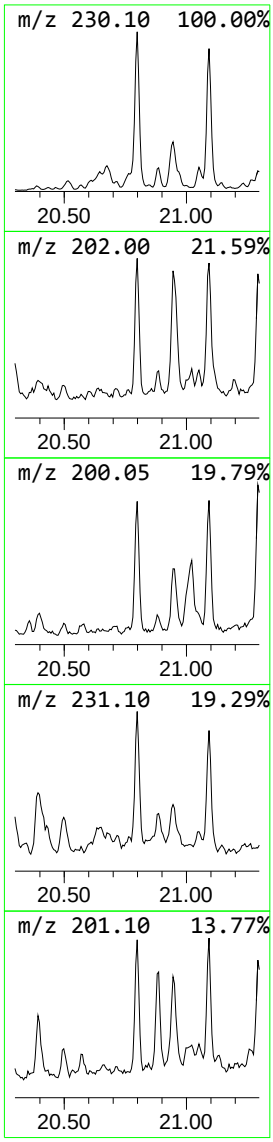
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.798	2.09 ng/ul	684994	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

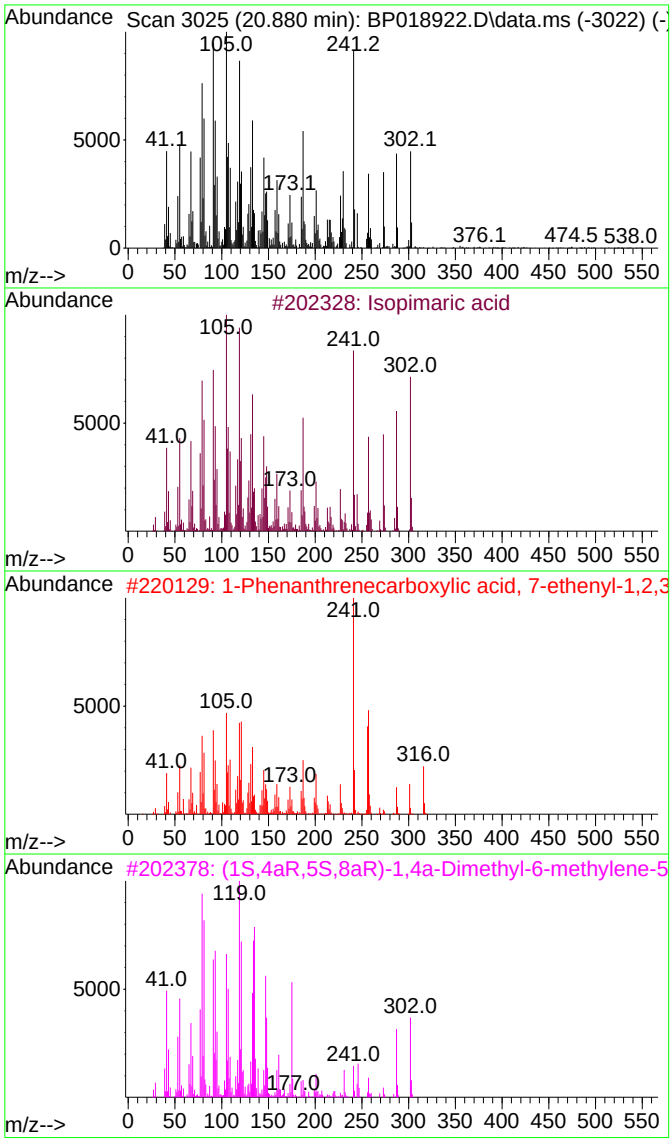
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

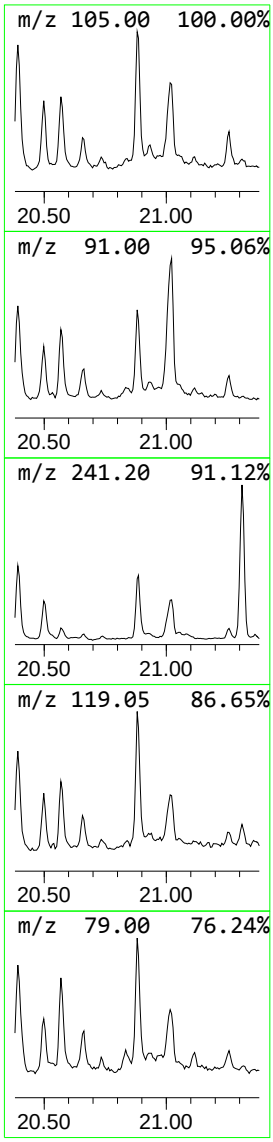
****

Peak Number 19 Isopimaric acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.880	6.01 ng/ul	1974200	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopimaric acid	302	C20H30O2	005835-26-7	99
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	50
3	(1S,4aR,5S,8aR)-1,4a-Dimethyl-6-...	302	C20H30O2	002761-77-5	45
4	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1010333-59-4	30
5	Phomopsidin, methyl ester, methy...	358	C23H34O3	1000503-33-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

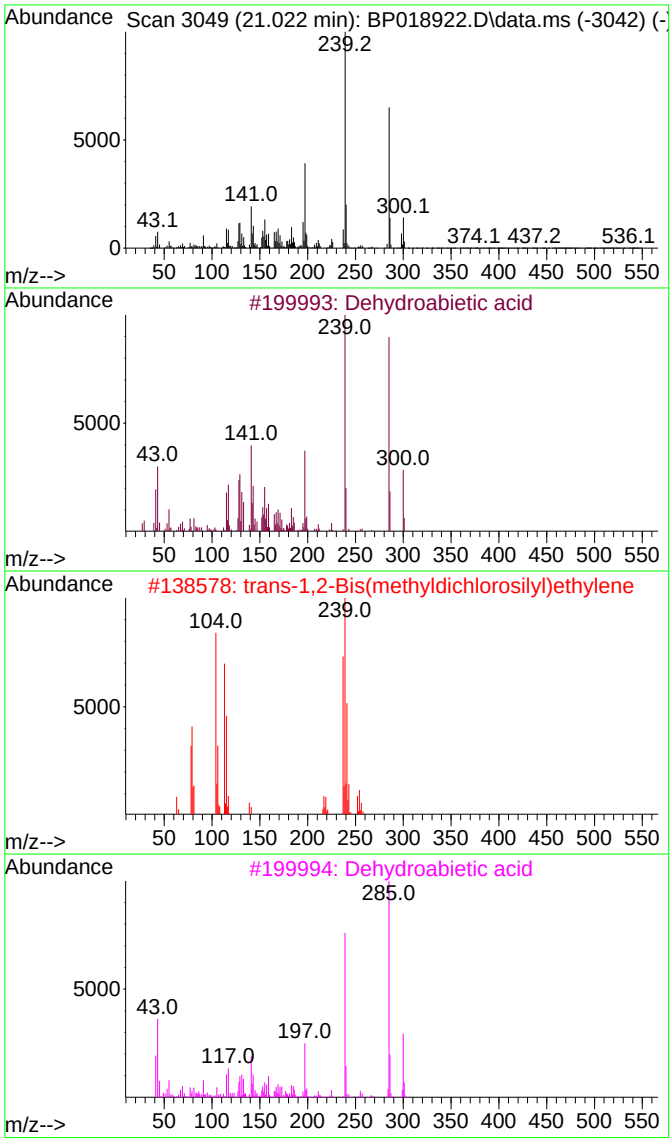
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

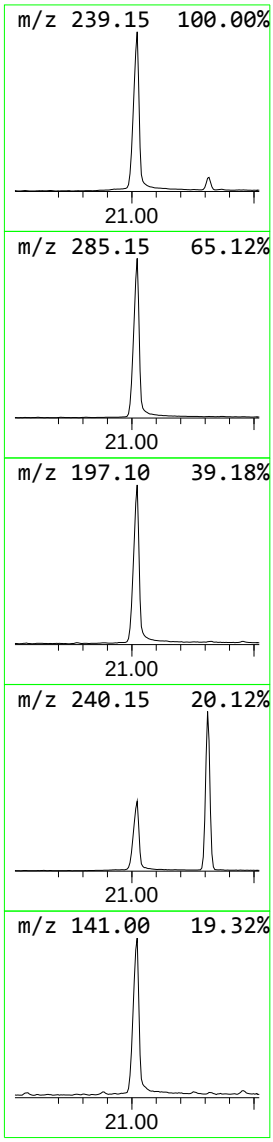
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dehydroabietic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	55.85 ng/ul	18334100	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	94
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

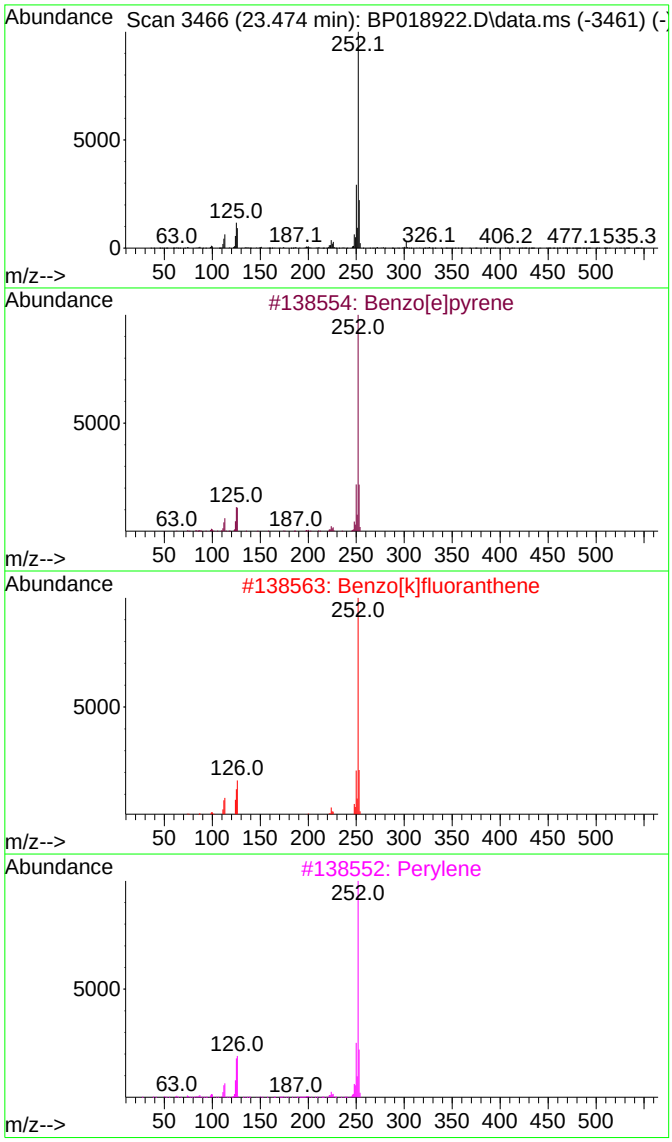
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

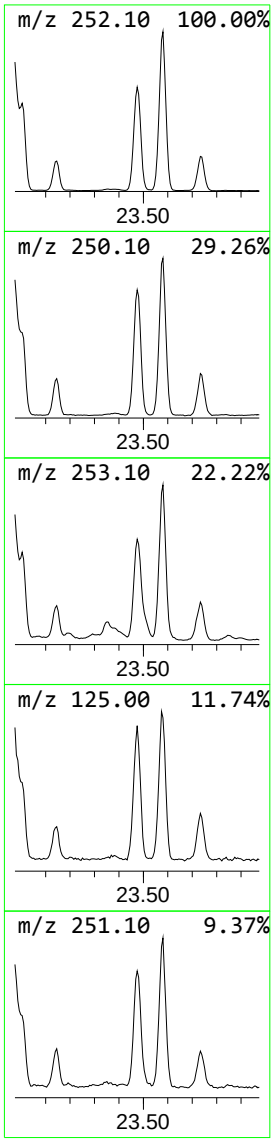
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	29.10 ng/ul	2908150	Perylene-d12	23.680

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	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.787	2.8	ng/ul	153305	1	7.828	1109040	20.0
Phthalic anhydride	12.410	2.0	ng/ul	140795	2	10.628	1370400	20.0
n-Hexadecanoic ...	18.110	36.0	ng/ul	3636160	4	17.216	2023060	20.0
unknown-02	18.269	5.9	ng/ul	599860	4	17.216	2023060	20.0
Phenanthrene, 1...	18.304	3.0	ng/ul	298887	4	17.216	2023060	20.0
5,16[1',2']:8,1...	18.569	3.6	ng/ul	360159	4	17.216	2023060	20.0
9,10-Anthracene...	18.610	2.8	ng/ul	284883	4	17.216	2023060	20.0
4-Chloro-3-trif...	18.986	7.5	ng/ul	761834	4	17.216	2023060	20.0
Cyclopenta(def)...	19.110	4.4	ng/ul	443211	4	17.216	2023060	20.0
Octadecanoic acid	19.345	7.1	ng/ul	2336620	5	21.310	6565640	20.0
Pyrene, 1-methyl-	19.904	2.6	ng/ul	859054	5	21.310	6565640	20.0
unknown-03	20.110	2.0	ng/ul	672295	5	21.310	6565640	20.0
11H-Benzo[b]flu...	20.151	3.0	ng/ul	979136	5	21.310	6565640	20.0
Pyrene, 4-methyl-	20.216	2.6	ng/ul	862943	5	21.310	6565640	20.0
unknown-04	20.392	12.2	ng/ul	3987870	5	21.310	6565640	20.0
N-Methyl-2-(2-t...	20.498	4.6	ng/ul	1515860	5	21.310	6565640	20.0
11H-Benzo[a]flu...	20.798	2.1	ng/ul	684994	5	21.310	6565640	20.0
Isopimaric acid	20.880	6.0	ng/ul	1974200	5	21.310	6565640	20.0
Dehydroabietic ...	21.022	55.9	ng/ul	18334100	5	21.310	6565640	20.0
Benzo[e]pyrene	23.474	29.1	ng/ul	2908150	6	23.680	1998420	20.0