LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC2

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-BP010824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019432.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	15	rVB	962354	970416	10.21%	1.607%
2	3.464	61	64	68	rVB	25322	29681	0.31%	0.049%
3	3.946	142	146	152	rVB	17902	23079	0.24%	0.038%
4	5.269	366	371	379	rVB	14470	21268	0.22%	0.035%
5	5.405	389	394	397	rBV	10858	15005	0.16%	0.025%
6	5.775	452	457	465	rVB2	12399	20976	0.22%	0.035%
7	6.846	635	639	643	rBV2	13662	21039	0.22%	0.035%
8	6.905	643	649	657	rVV5	14346	30776	0.32%	0.051%
9	6.987	659	663	669	rVB	10196	15582	0.16%	0.026%
10	7.152	683	691	692	rBV5	9864	16241	0.17%	0.027%
11	7.411	725	735	742	rVV2	24982	45202	0.48%	0.075%
12	7.769	787	796	809	rBV	670672	1072945	11.28%	1.777%
13	7.893	809	817	822	rVV2	17956	39499	0.42%	0.065%
14	8.134	852	858	866	rVB	17975	30985	0.33%	0.051%
15	8.310	882	888	891	rBV8	8392	14138	0.15%	0.023%
16	8.405	898	904	910	rBV4	11981	24269	0.26%	0.040%
17	8.863	972	982	990	rVB5	11763	26647	0.28%	0.044%
18	8.987	1000	1003	1007	rVB2	11014	15316	0.16%	0.025%
19	9.116	1022	1025	1030	rVB6	6489	10682	0.11%	0.018%
20	9.399	1067	1073	1077	rBV7	6391	13708	0.14%	0.023%
21	9.457	1077	1083	1090	rVB6	9229	23650	0.25%	0.039%
22	9.957	1163	1168	1177	rBV7	12144	26500	0.28%	0.044%
23	10.422	1241	1247	1253	rBV9	7479	17482	0.18%	0.029%
24	10.563	1259	1271	1276	rBV	894547	1560413	16.41%	2.585%
25	10.610	1276	1279	1286	rVB	263833	404555	4.25%	0.670%
26	11.240	1378	1386	1387	rBV7	5667	11712	0.12%	0.019%
27	11.475	1420	1426	1432	rVB8	8301	16689	0.18%	0.028%
28	11.581	1439	1444	1449	rBV5	12931	24849	0.26%	0.041%
29	11.981	1508	1512	1517	rBV2	10939	18044	0.19%	0.030%
30	12.228	1548	1554	1560	rVB	163143	253378	2.66%	0.420%
31	12.446	1584	1591	1602	rBV	145356	245853	2.59%	0.407%
32	12.834	1653	1657	1663	rVB8	11464	20100	0.21%	0.033%
33	12.934	1672	1674	1679	rVV	17723	24805	0.26%	0.041%
34	12.993	1681	1684	1689	rVB7	9869	13704	0.14%	0.023%
35	13.175	1710	1715	1718	rBV4	11165	18376	0.19%	0.030%
36	13.246	1722	1727	1733	rVB2	62926	108947	1.15%	0.180%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

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-BP010824.MA.M
Title : SVOA CALIBRATION

37	13.440	1756	1760	1768	rVB	36558	74408	0.78%	0.123%
38	13.569	1777	1782	1784	rBV	68742	96921	1.02%	0.161%
39	13.734	1804	1810	1815	rBV	131760	242576	2.55%	0.402%
40	13.787	1815	1819	1822	rBV	86433	119056	1.25%	0.197%
41	13.887	1832	1836	1841	rVB2	43852	53747	0.57%	0.089%
42	13.934	1841	1844	1846	rVV3	16249	21549	0.23%	0.036%
43	13.969	1846	1850	1853	rVV	65307	99891	1.05%	0.165%
44	13.998	1853	1855	1861	rVB6	28764	38633	0.41%	0.064%
45	14.134	1873	1878	1885	rBV	117497	168681	1.77%	0.279%
46	14.228	1890	1894	1901	rVB3	50385	84693	0.89%	0.140%
47	14.304	1903	1907	1912	rBV3	34084	50570	0.53%	0.084%
48	14.410	1915	1925	1932	rVV	1424578	2251488	23.68%	3.730%
49	14.475	1932	1936	1944	rVB2	114837	218656	2.30%	0.362%
50	14.622	1956	1961	1969	rVB	49256	121134	1.27%	0.201%
51	14.710	1972	1976	1977	rBV4	27985	34591	0.36%	0.057%
52	14.810	1988	1993	2002	rVB	394363	577521	6.07%	0.957%
53	14.887	2003	2006	2010	rVB	49282	59204	0.62%	0.098%
54	14.928	2010	2013	2023	rVB8	33661	61877	0.65%	0.102%
55	15.034	2026	2031	2036	rBV	78558	145648	1.53%	0.241%
56	15.087	2036	2040	2043	rVB	49837	59235	0.62%	0.098%
57	15.198	2053	2059	2063	rBV4	68242	157340	1.65%	0.261%
58	15.240	2063	2066	2068	rVV	23752	30603	0.32%	0.051%
59	15.463	2098	2104	2109	rBV	827858	1226835	12.90%	2.032%
60	15.587	2121	2125	2128	rBV2	52034	75065	0.79%	0.124%
61	15.628	2128	2132	2136	rVV4	69584	107990	1.14%	0.179%
62	15.669	2136	2139	2143	rVV2	71750	100389	1.06%	0.166%
63	15.757	2150	2154	2162	rVB	224536	356075	3.75%	0.590%
64	15.904	2172	2179	2187	rBV	206604	465417	4.90%	0.771%
65	16.145	2214	2220	2226	rVB3	191429	351649	3.70%	0.582%
66	16.469	2272	2275	2280	rVB2	179651	248665	2.62%	0.412%
67	16.522	2280	2284	2289	rVB2	100536	146023	1.54%	0.242%
68	16.622	2298	2301	2306	rVB2	96002	133098	1.40%	0.220%
69	16.704	2311	2315	2318	rVV2	101343	158199	1.66%	0.262%
70	16.739	2318	2321	2325	rVB3	97635	132843	1.40%	0.220%
71	16.898	2345	2348	2350	rBV3	86787	110684	1.16%	0.183%
72	16.981	2358	2362	2370	rVB2	316413	564944	5.94%	0.936%
73	17.169	2389	2394	2397	rBV	1629050	2320852	24.41%	3.844%
74	17.216	2397	2402	2408	rVB	6490064	8800699	92.56%	14.578%
75	17.304	2413	2417	2421	rVV	176731	226483	2.38%	0.375%
76	17.351	2422	2425	2431	rVV6	76782	145707	1.53%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC2

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-BP010824.MA.M
Title : SVOA CALIBRATION

77	17.586	2461	2465	2468	rBV3	91637	158590	1.67%	0.263%
78	17.692	2480	2483	2486	rVB	117659	131931	1.39%	0.219%
79	17.757	2491	2494	2502	rVB3	137232	289410	3.04%	0.479%
80	18.039	2538	2542	2546	rBV	614922	907848	9.55%	1.504%
81	18.086	2546	2550	2556	rVB	906176	1255767	13.21%	2.080%
82	18.228	2569	2574	2578	rBV2	1135825	1670956	17.57%	2.768%
83	18.263	2578	2580	2589	rVB	423654	619905	6.52%	1.027%
84	18.528	2621	2625	2632	rVB	548743	748202	7.87%	1.239%
85	18.933	2690	2694	2698	rBV	266360	404771	4.26%	0.670%
86	19.022	2706	2709	2712	rBV2	195666	234233	2.46%	0.388%
87	19.192	2732	2738	2743	rBV	7476981	9507997	100.00%	15.750%
88	19.239	2743	2746	2751	rVV2	660486	838520	8.82%	1.389%
89	19.328	2757	2761	2766	rVB2	299433	379985	4.00%	0.629%
90	19.510	2788	2792	2794	rBV	972745	1253923	13.19%	2.077%
91	19.545	2794	2798	2806	rVV	2398198	3318756	34.90%	5.497%
92	19.616	2806	2810	2813	rVV2	270921	353729	3.72%	0.586%
93	19.945	2863	2866	2869	rBV	191602	244661	2.57%	0.405%
94	20.028	2876	2880	2884	rVB	939052	1339739	14.09%	2.219%
95	20.128	2893	2897	2900	rVB	795855	907606	9.55%	1.503%
96	20.927	3030	3033	3035	rBV	327431	446692	4.70%	0.740%
97	20.957	3036	3038	3042	rVB	475049	595411	6.26%	0.986%
98	21.269	3085	3091	3095	rBV2	2062551	4436430	46.66%	7.349%
99	21.310	3095	3098	3104	rVB	2193923	2636428	27.73%	4.367%
100	23.621	3487	3491	3499	rVB	1052749	2001706	21.05%	3.316%

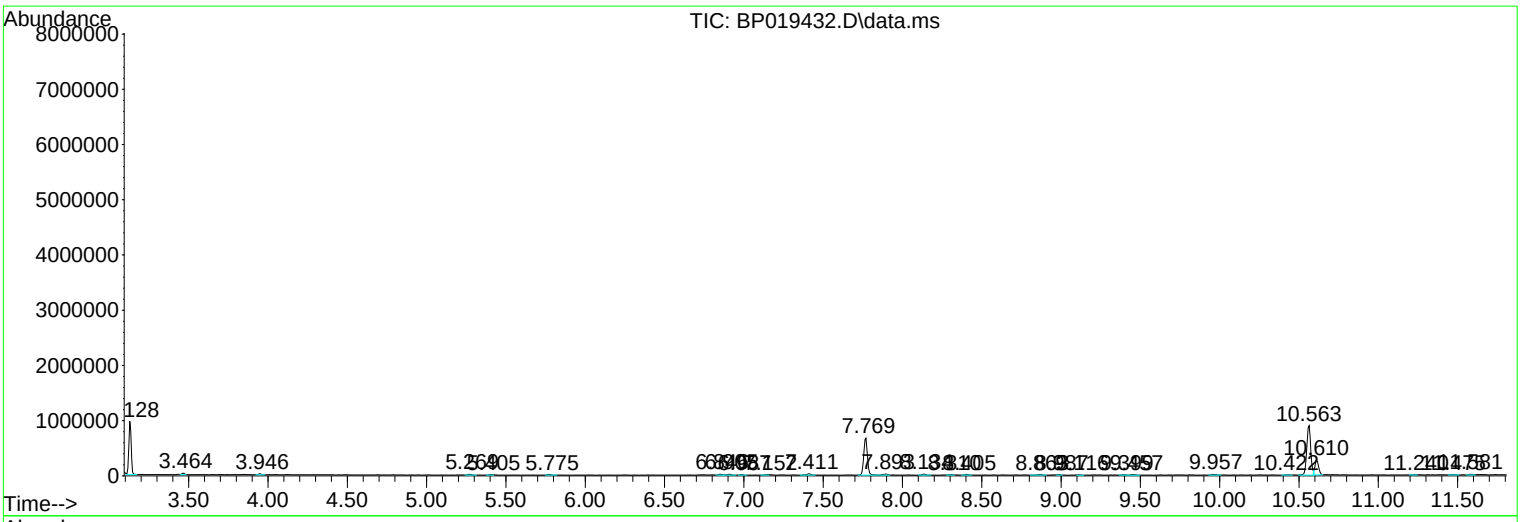
Sum of corrected areas: 60369346

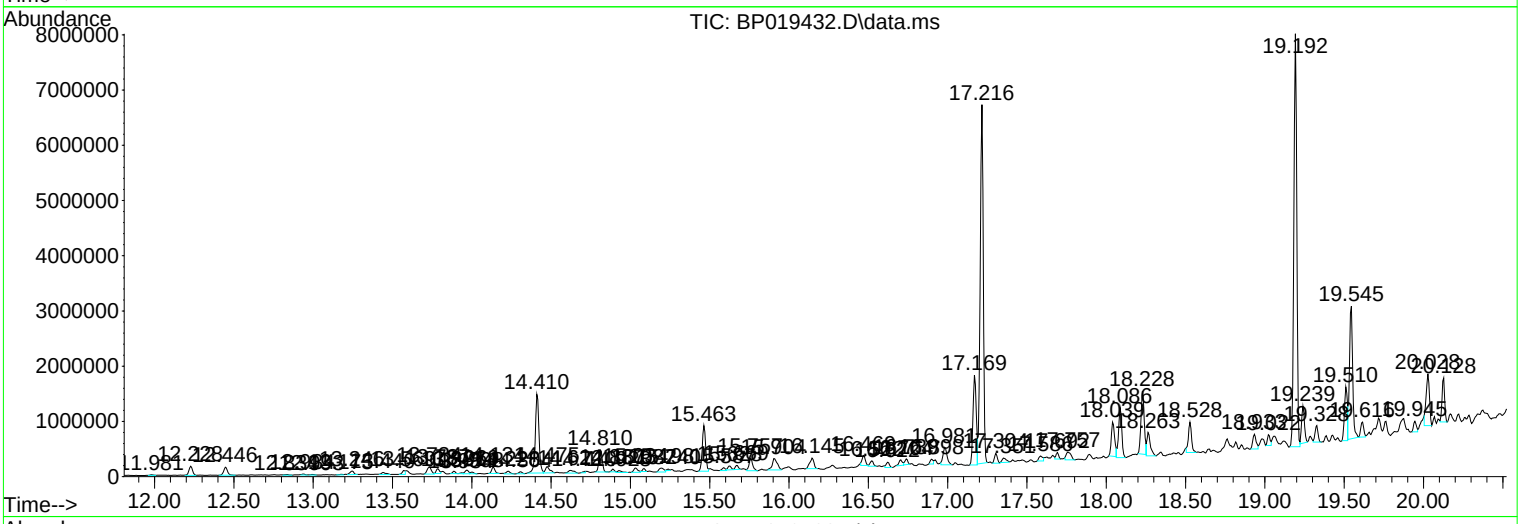
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

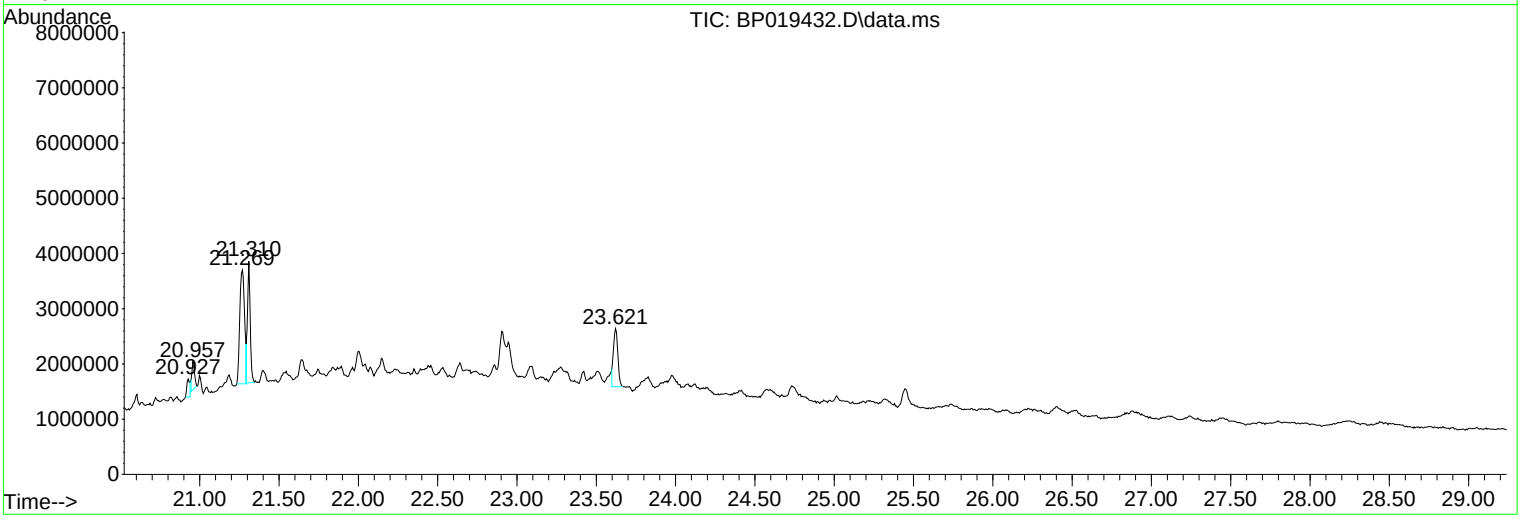
Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

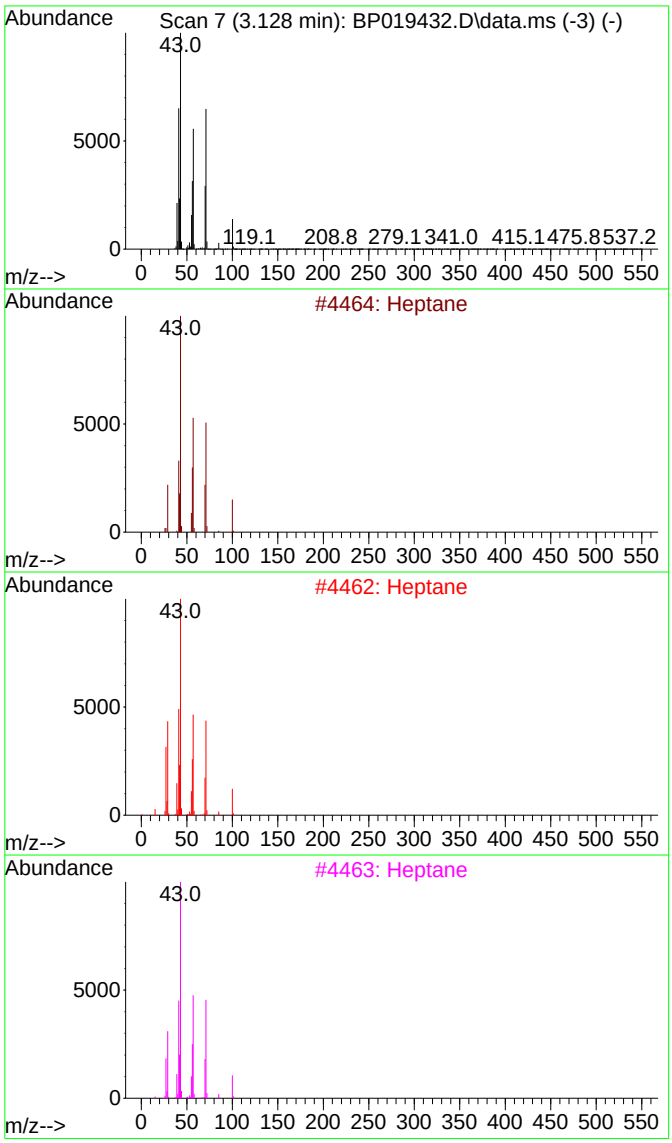
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

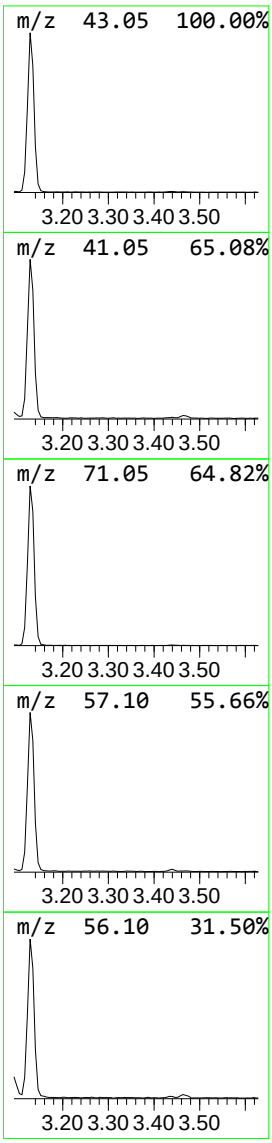
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	18.09 ng/ul	970416	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	86
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

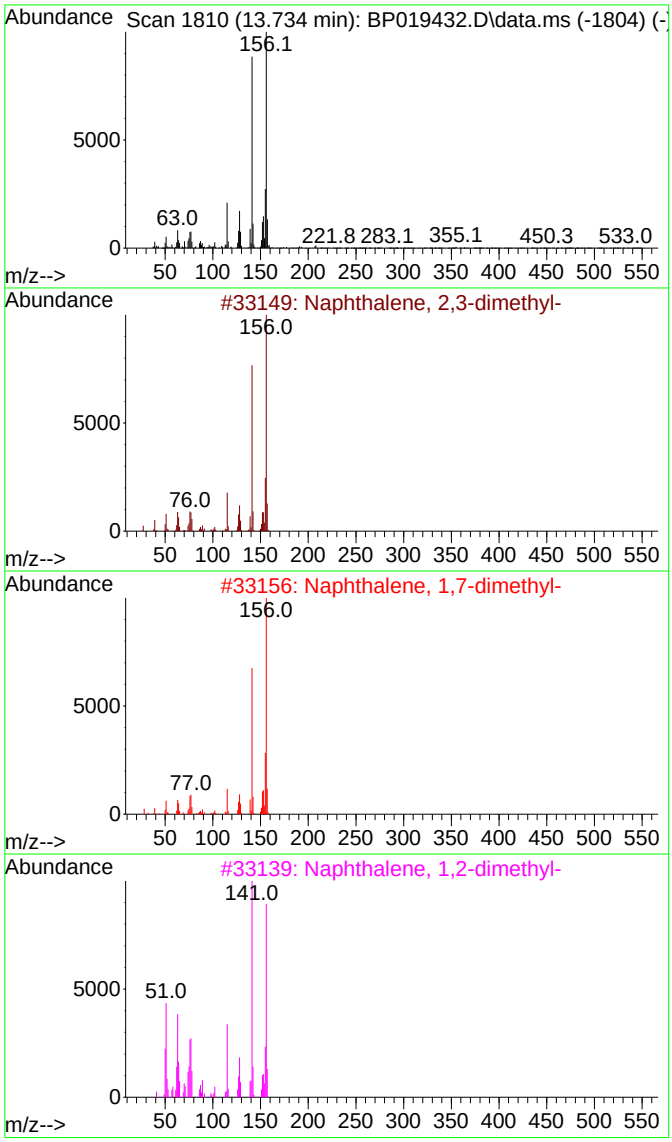
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

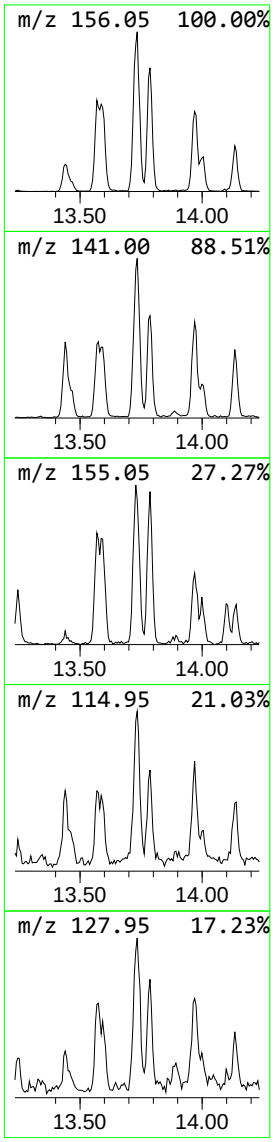
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.734	2.15 ng/ul	242576	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

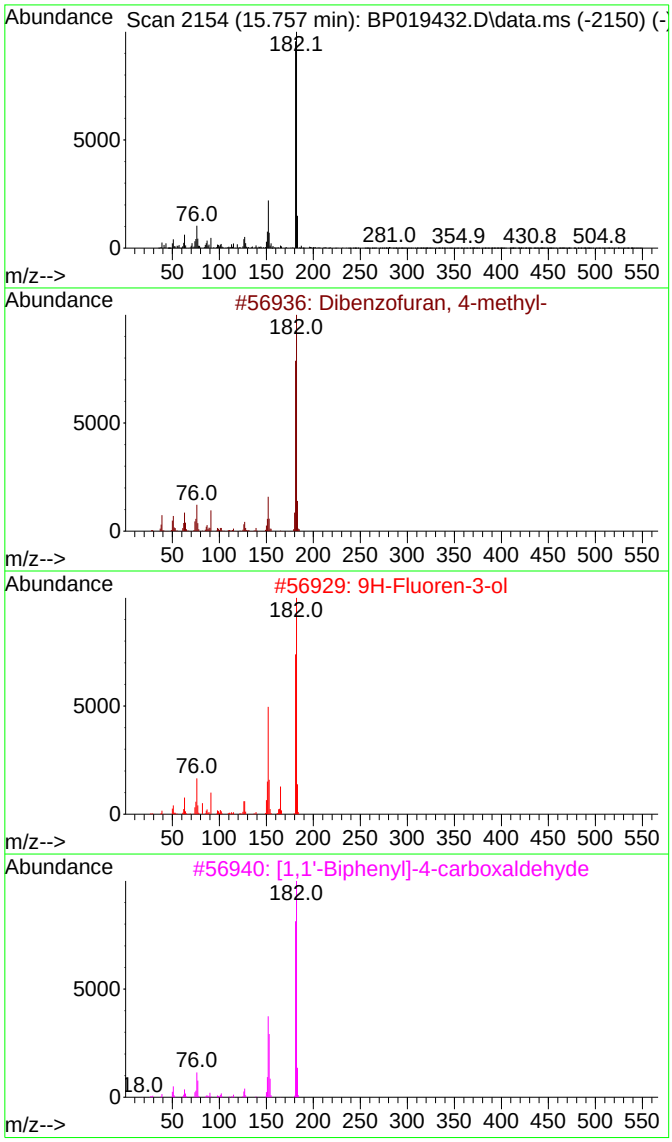
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

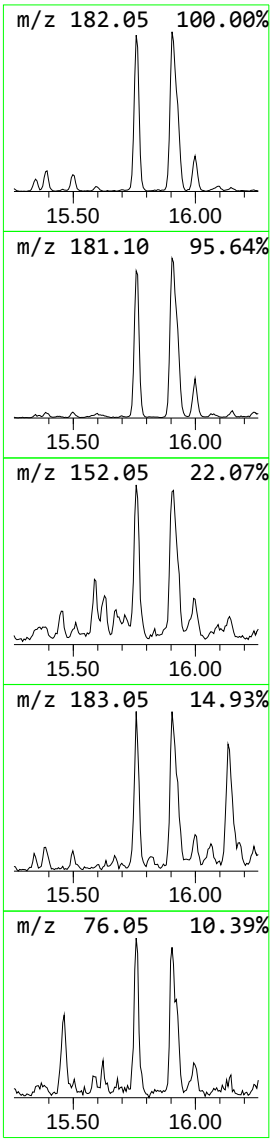
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	3.16 ng/ul	356075	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

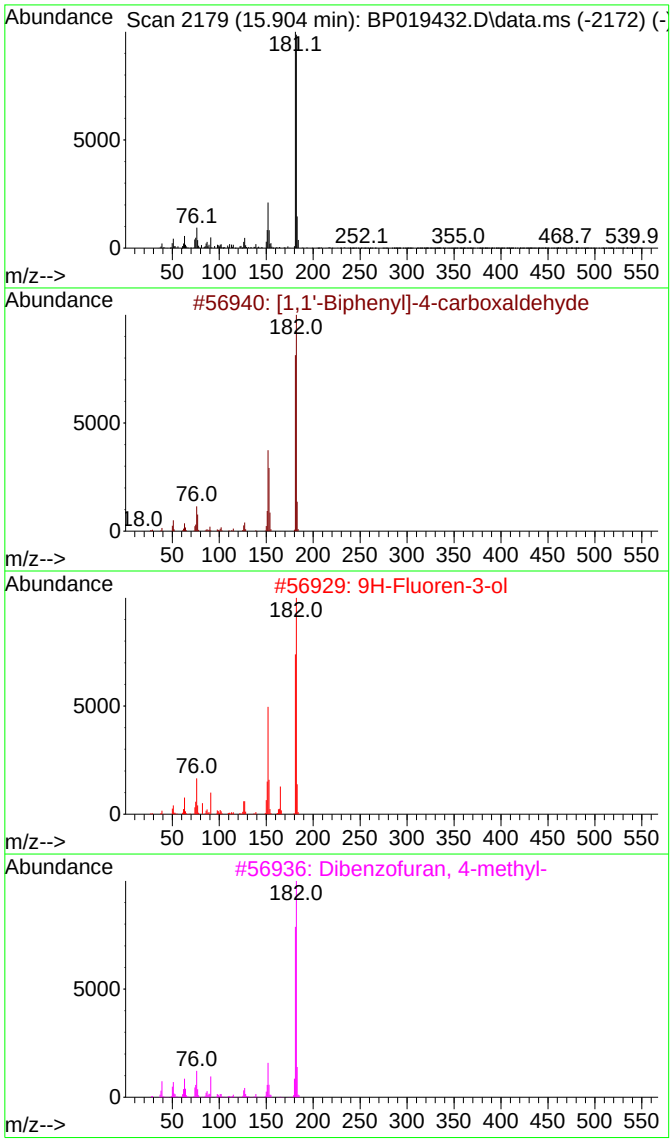
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

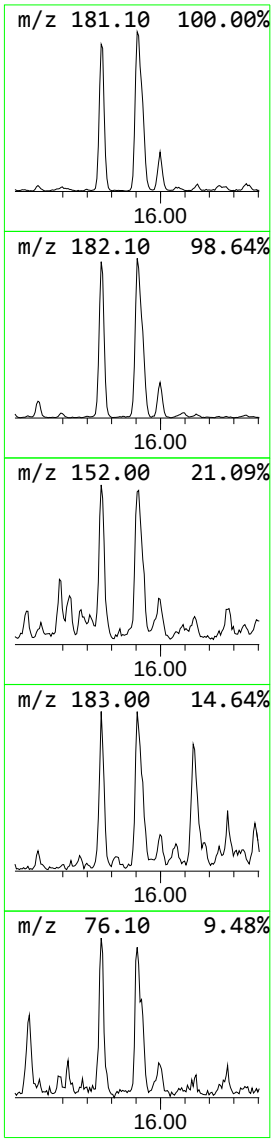
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	4.01 ng/ul	465417	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

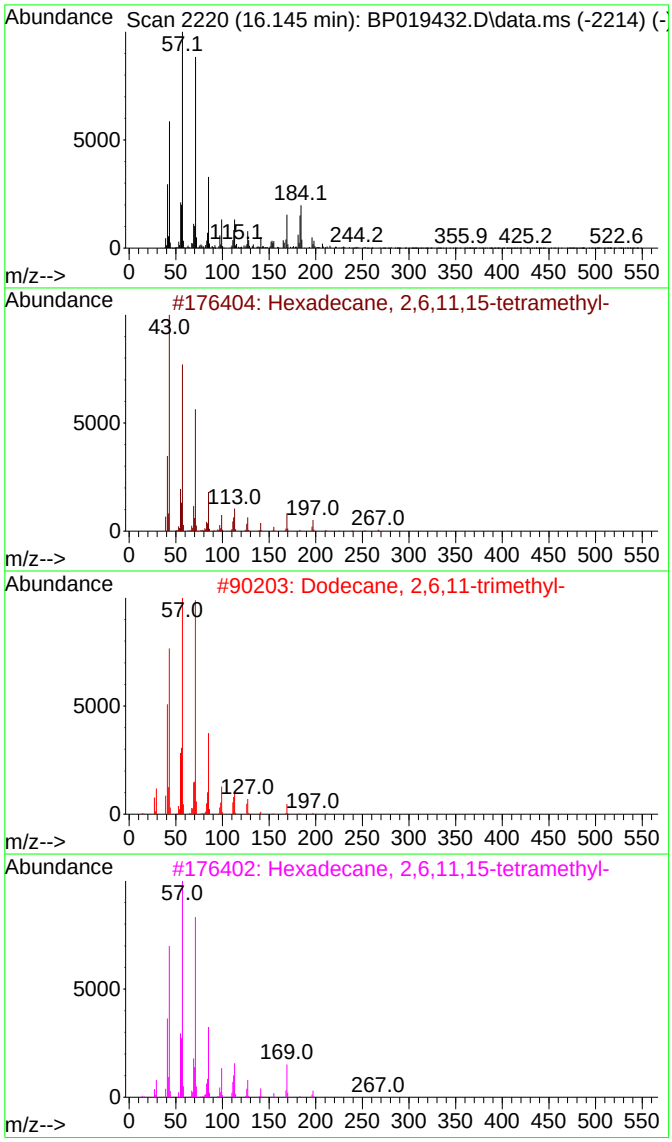
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

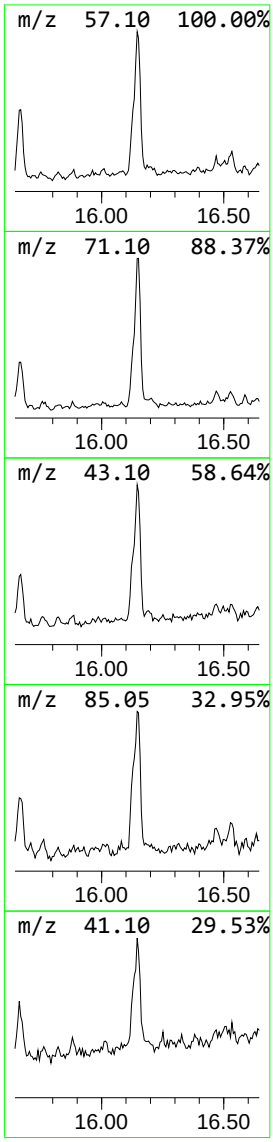
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	3.03 ng/ul	351649	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Pentadecane	212	C15H32	000629-62-9	58





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Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
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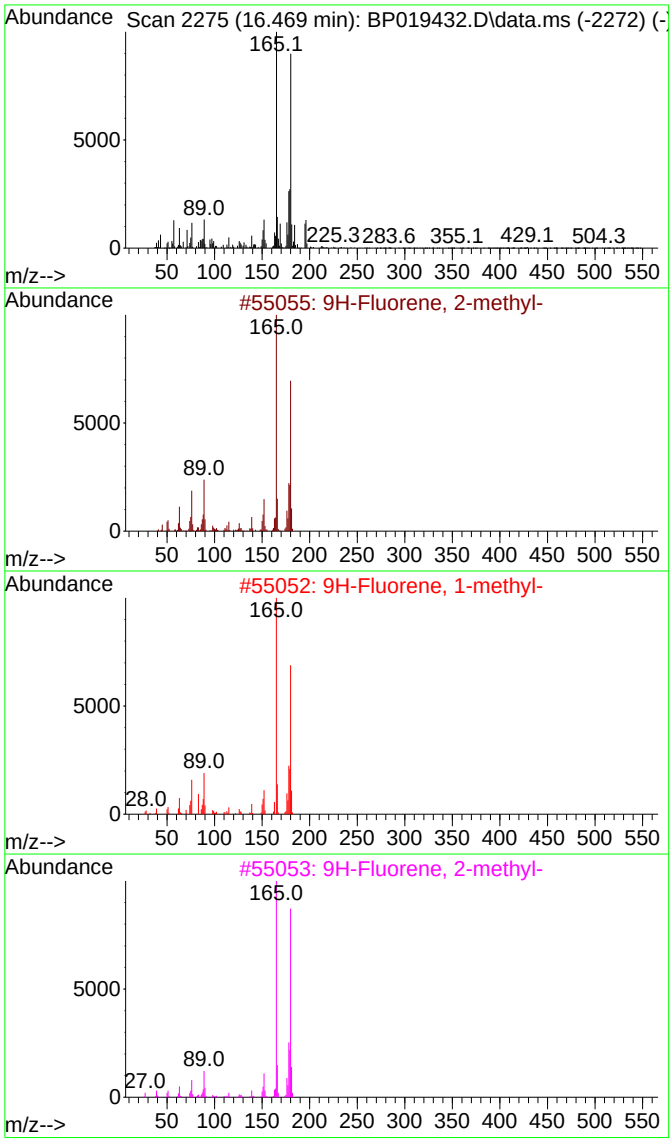
Quant Title : SVOA CALIBRATION

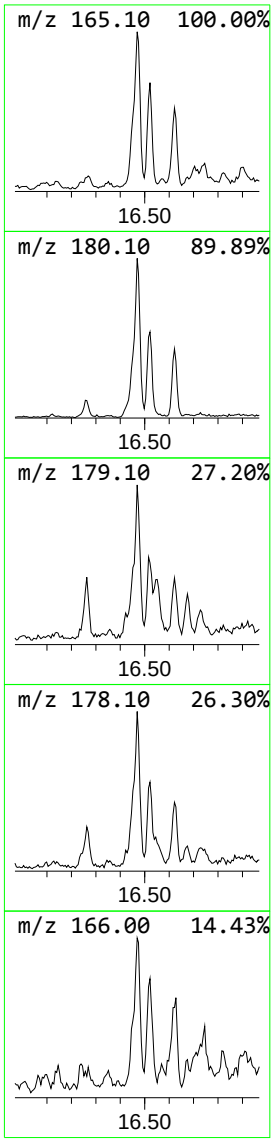
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.469	2.14 ng/ul	248665	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





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Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

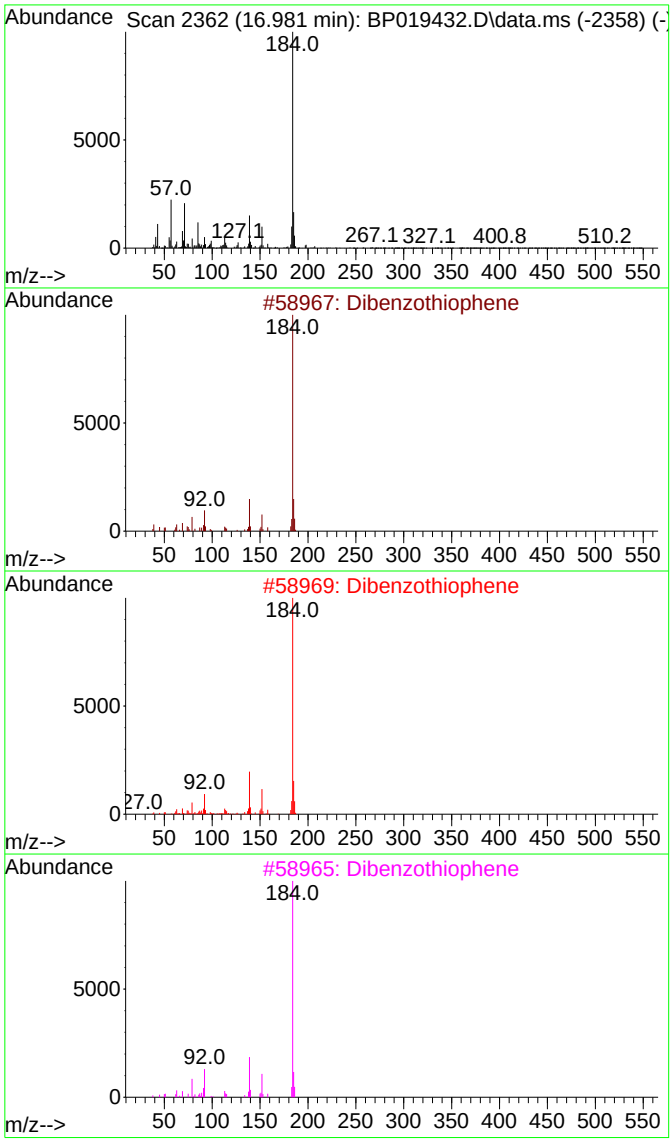
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

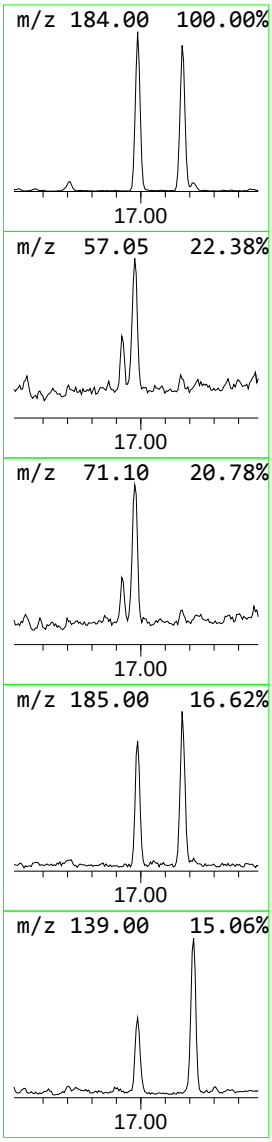
****

Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.981	4.87 ng/ul	564944	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	89
3	Dibenzothiophene	184	C12H8S	000132-65-0	76
4	Dibenzothiophene	184	C12H8S	000132-65-0	76
5	Dibenzothiophene	184	C12H8S	000132-65-0	76





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Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

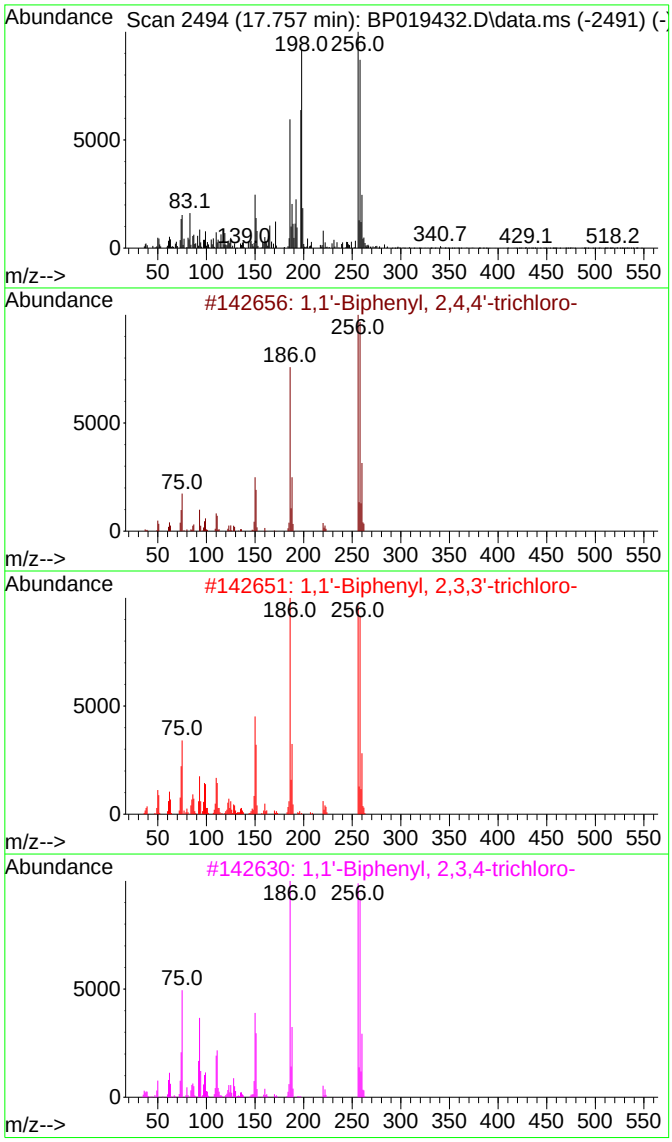
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

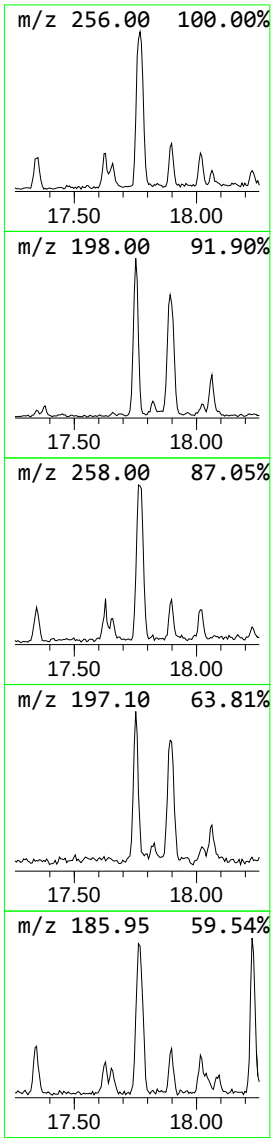
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	2.49 ng/ul	289410	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	93
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	93
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	93
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	92
5	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	91





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Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

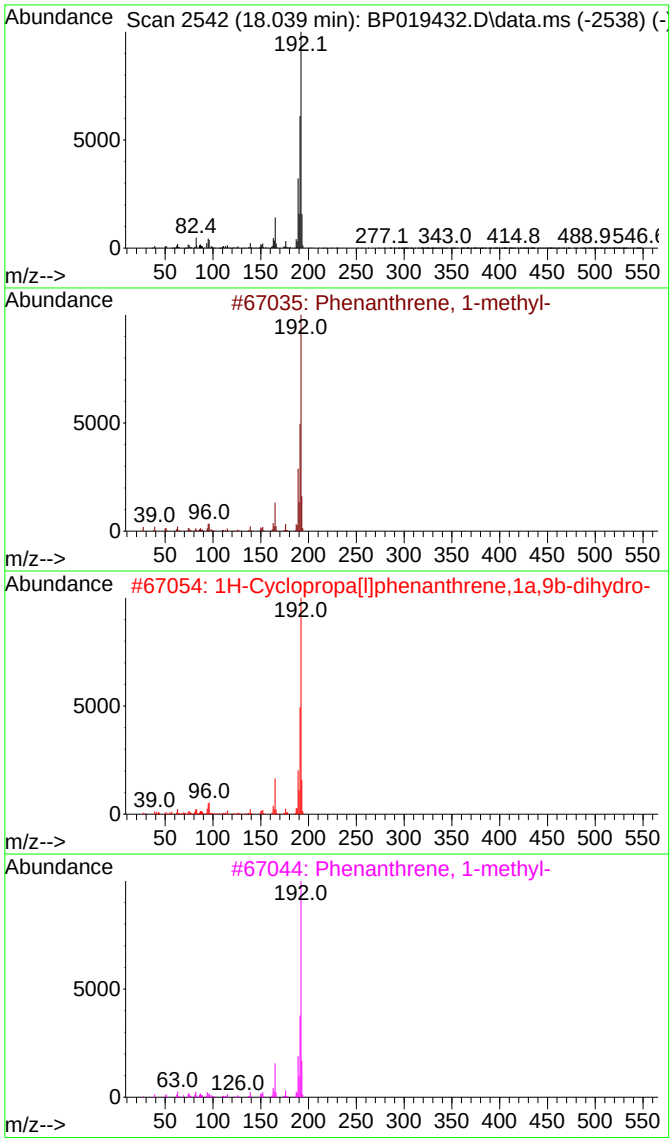
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

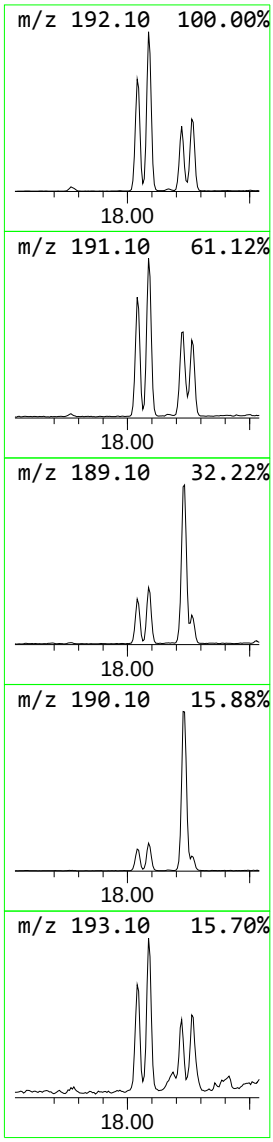
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	7.82 ng/ul	907848	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

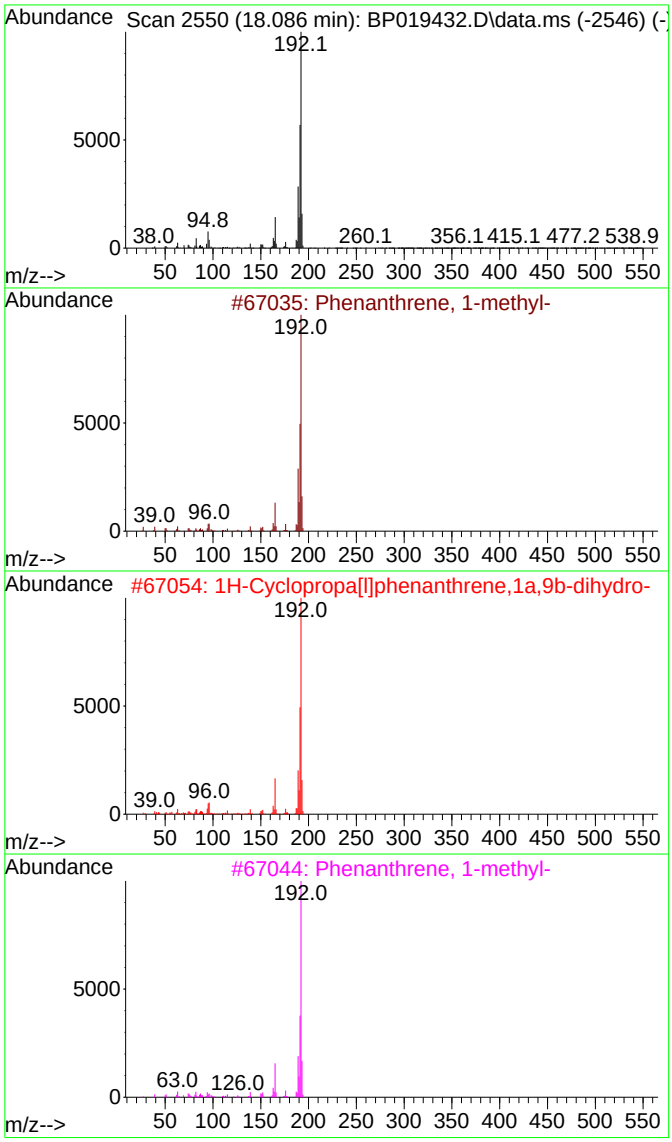
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

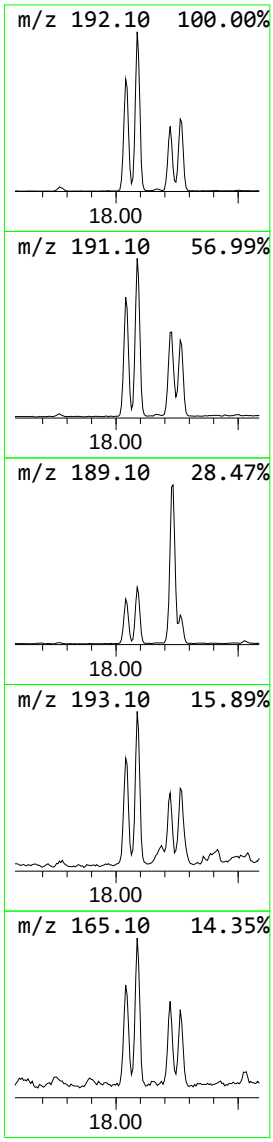
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	10.82 ng/ul	1255770	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

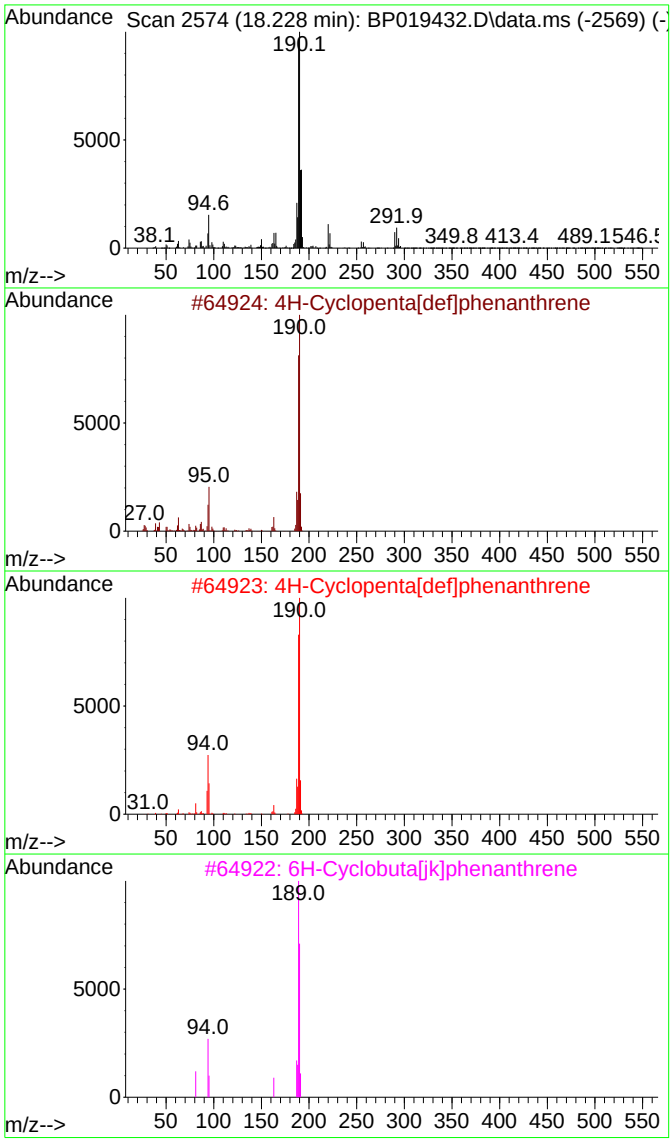
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

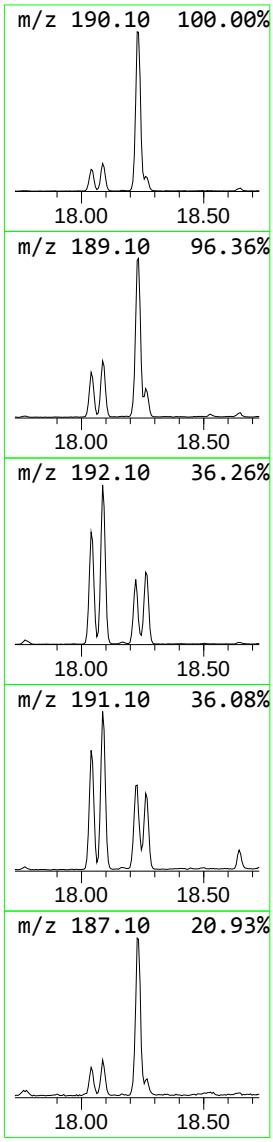
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	14.40 ng/ul	1670960	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

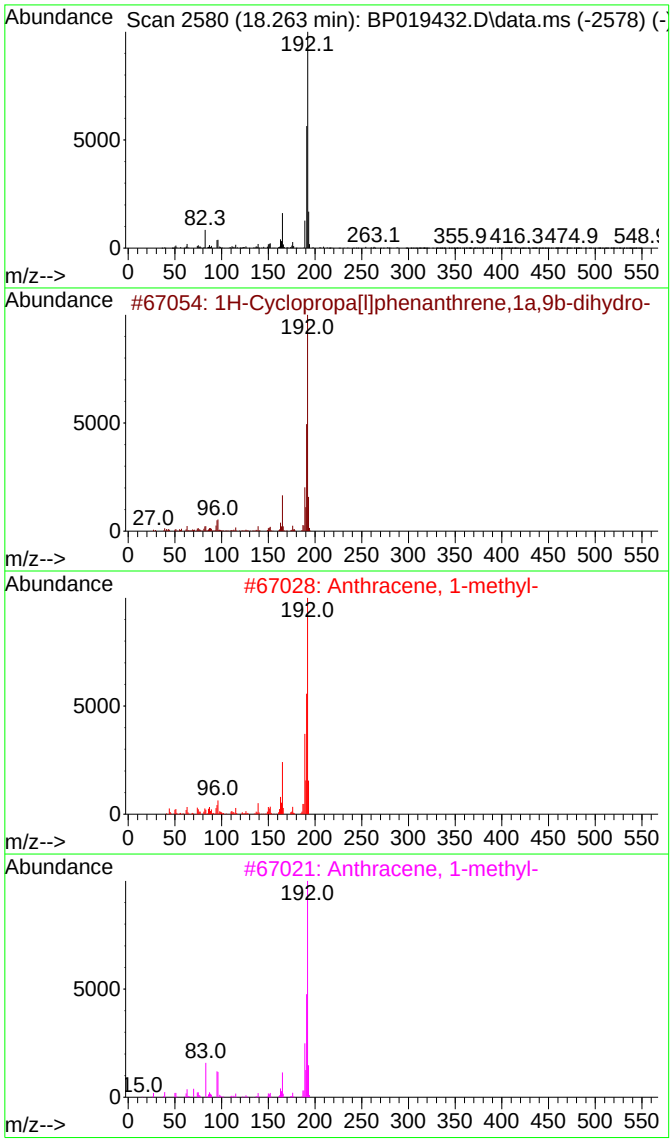
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

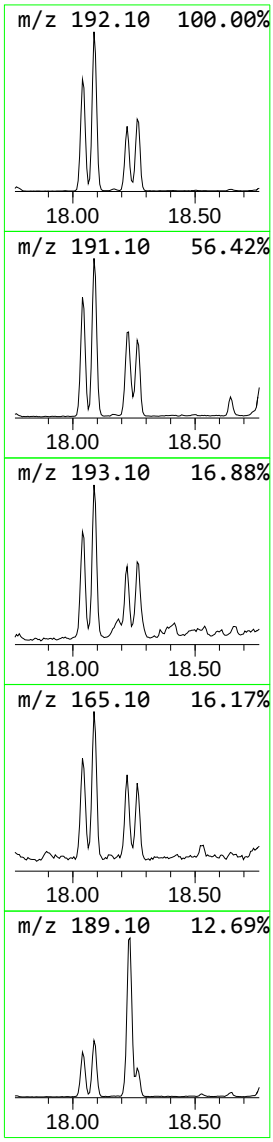
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	5.34 ng/ul	619905	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

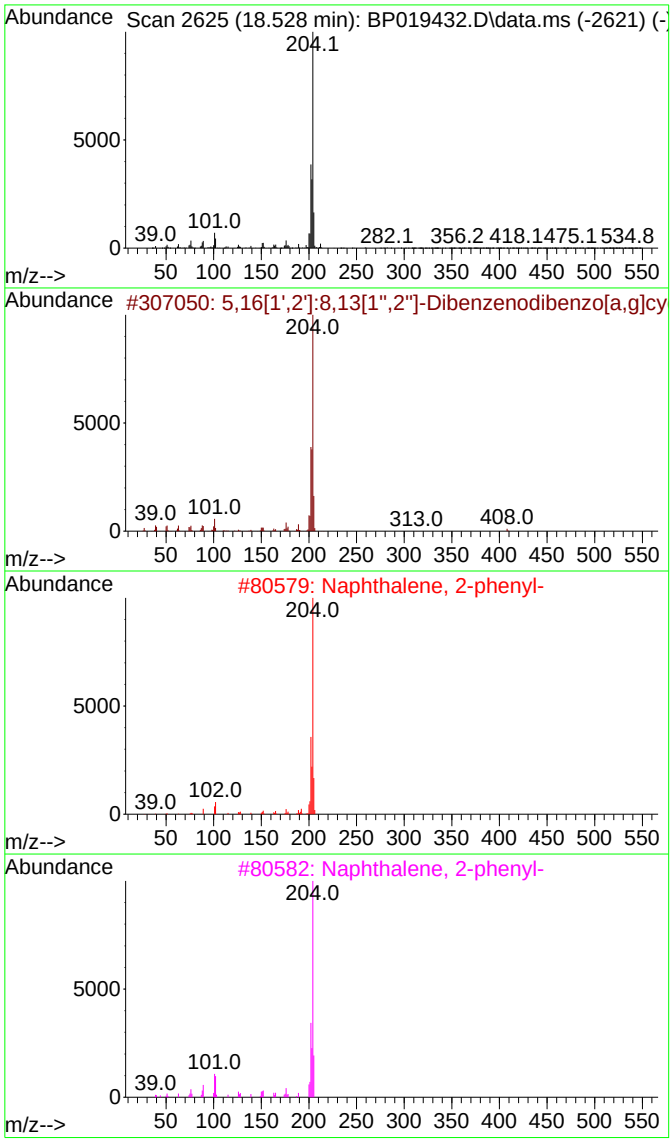
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

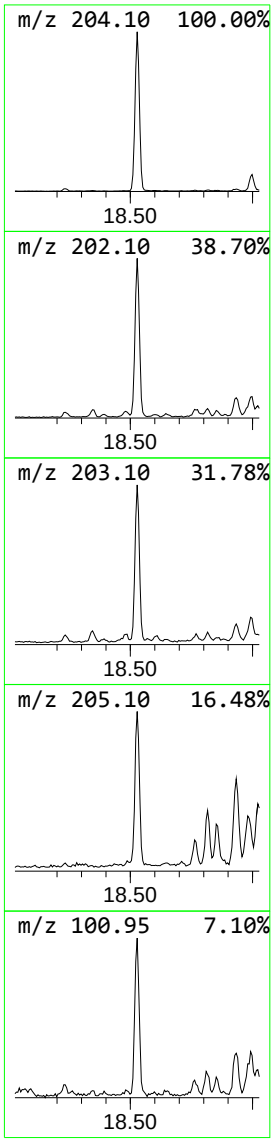
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	6.45 ng/ul	748202	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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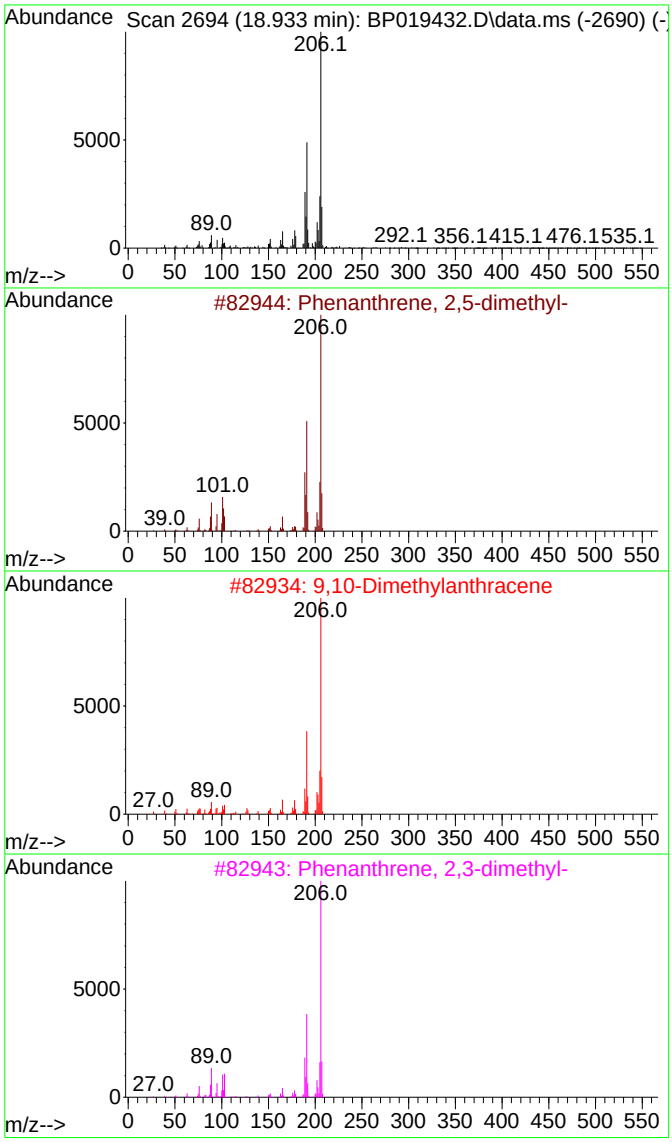
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

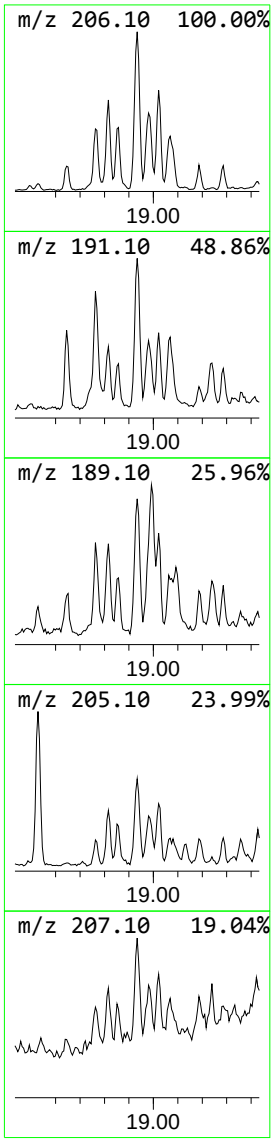
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	3.49 ng/ul	404771	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

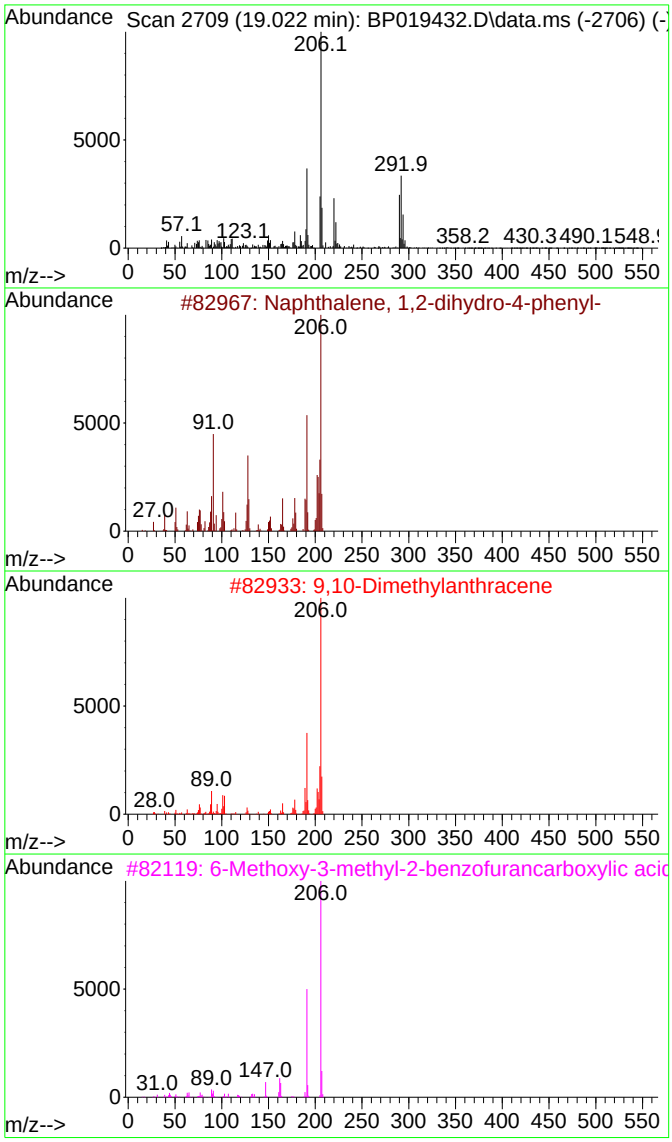
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

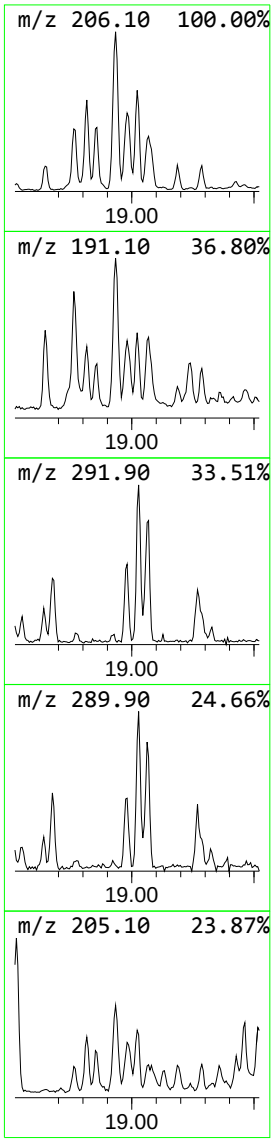
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2-dihydro-4-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.02 ng/ul	234233	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	55
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
3	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	46
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46





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Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

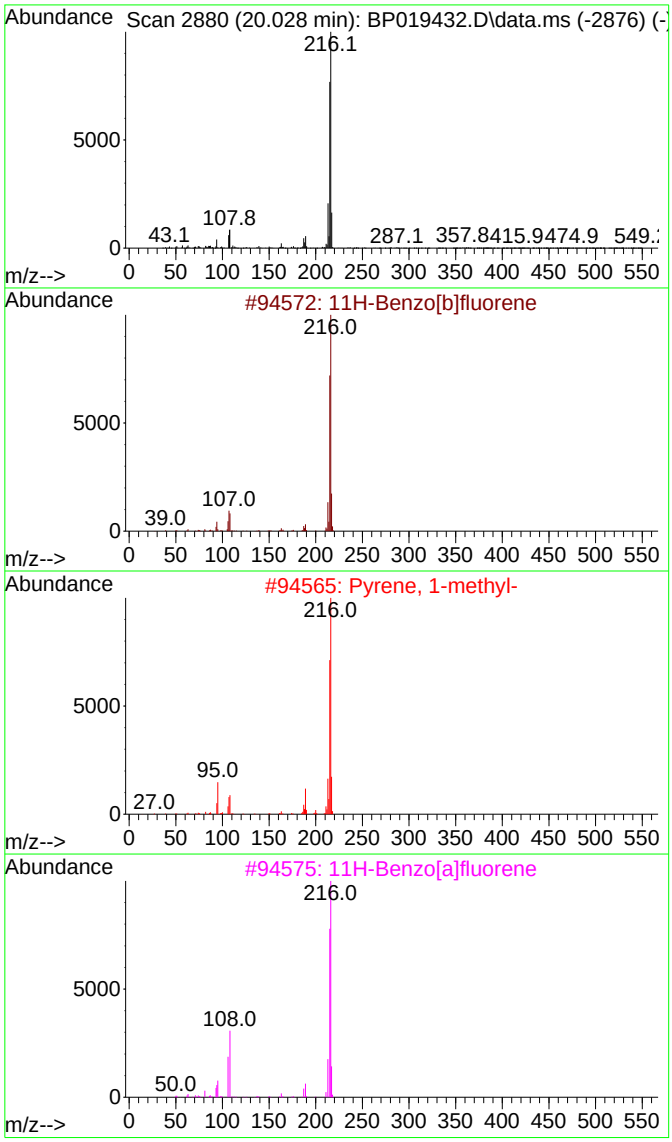
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

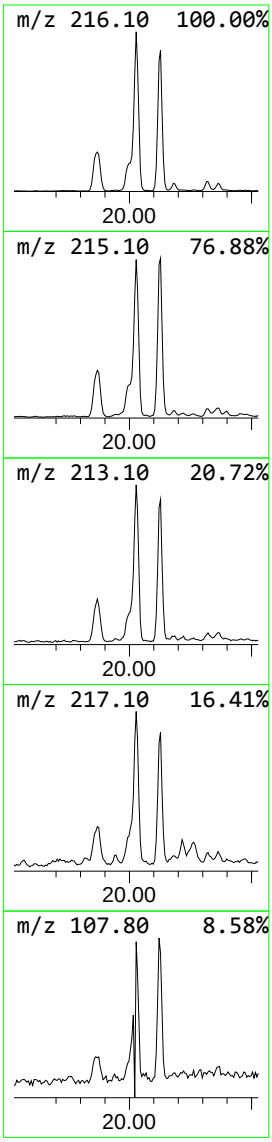
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.028	6.04 ng/ul	1339740	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

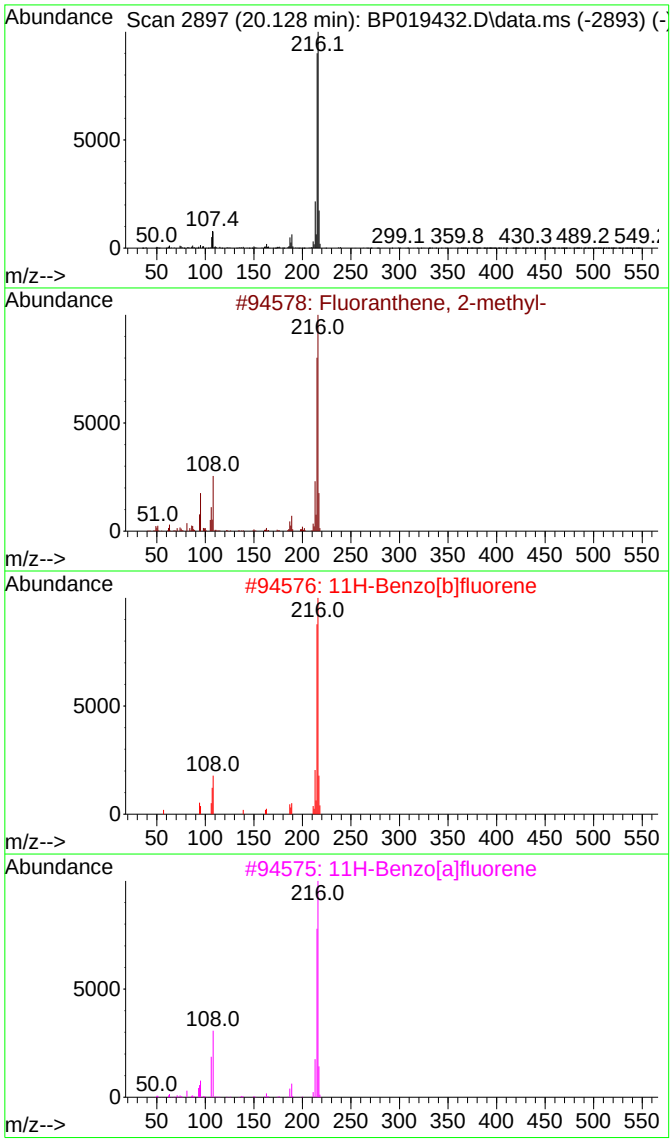
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

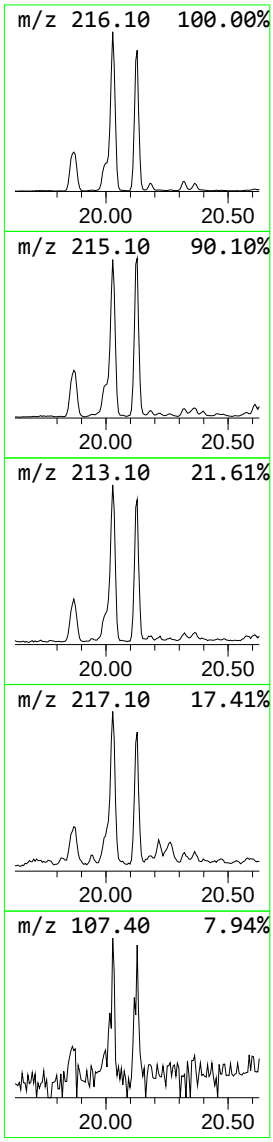
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.128	4.09 ng/ul	907606	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

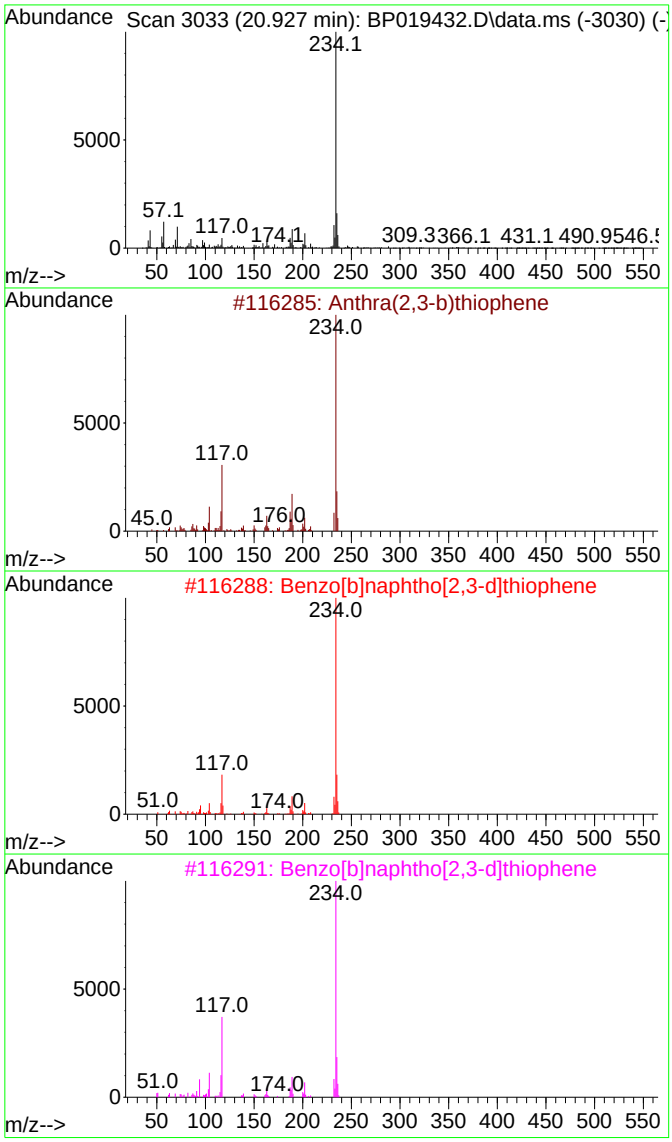
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

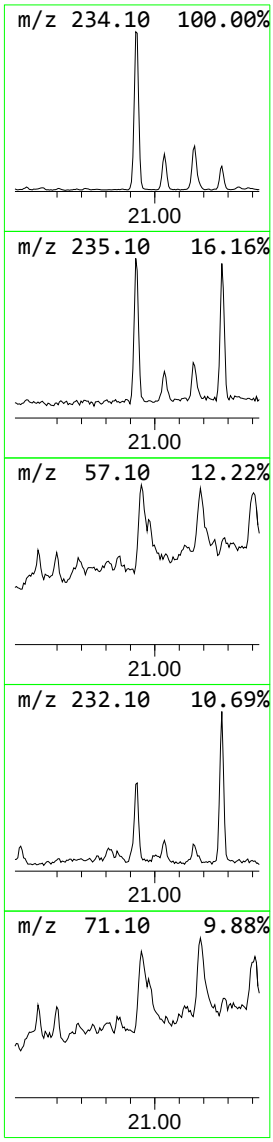
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Anthra(2,3-b)thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	2.01 ng/ul	446692	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

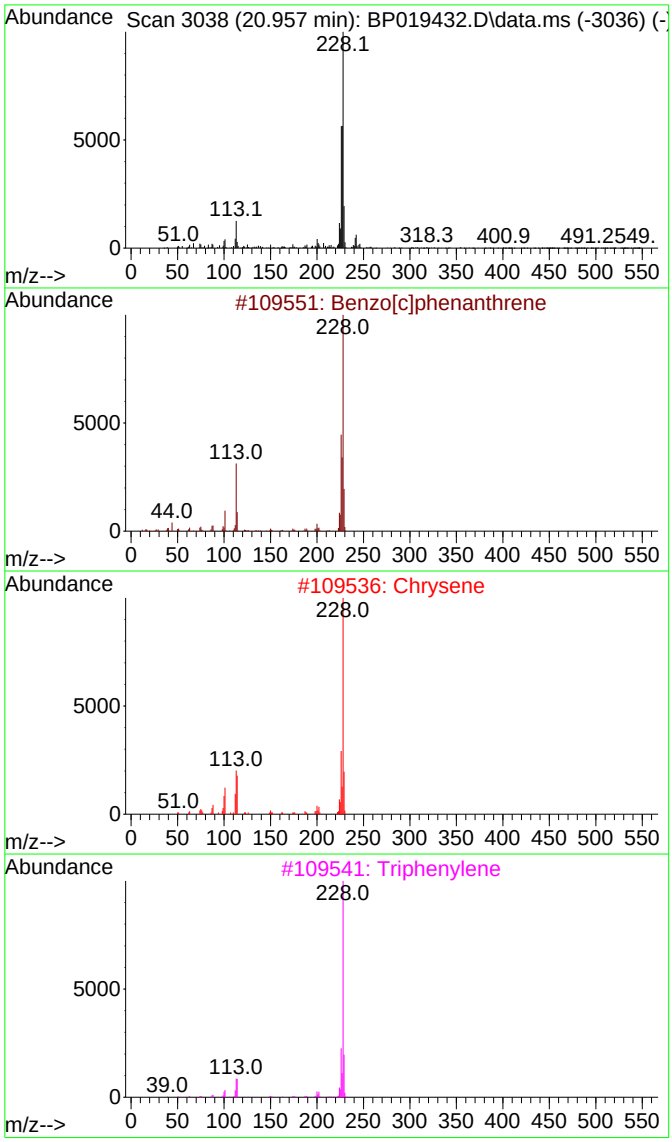
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

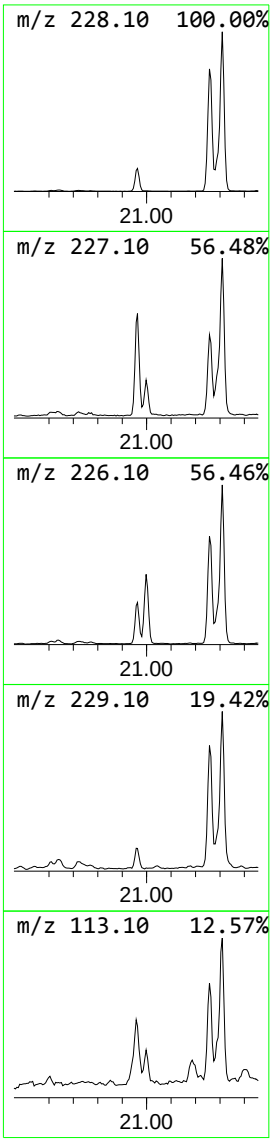
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[c]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	2.68 ng/ul	595411	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	90
2	Chrysene	228	C18H12	000218-01-9	78
3	Triphenylene	228	C18H12	000217-59-4	60
4	Triphenylene	228	C18H12	000217-59-4	60
5	Triphenylene	228	C18H12	000217-59-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019432.D
Acq On : 23 Jan 2024 22:23
Operator : MA/JU
Sample : P1158-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.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
(DEL) Alkane: S...	3.128	18.1	ng/ul	970416	1	7.769	1072950	20.0
Naphthalene, 2,...	13.734	2.1	ng/ul	242576	3	14.410	2251490	20.0
Dibenzofuran, 4...	15.757	3.2	ng/ul	356075	3	14.410	2251490	20.0
[1,1'-Biphenyl]...	15.904	4.0	ng/ul	465417	4	17.169	2320850	20.0
(DEL) Alkane: S...	16.145	3.0	ng/ul	351649	4	17.169	2320850	20.0
9H-Fluorene, 2-...	16.469	2.1	ng/ul	248665	4	17.169	2320850	20.0
Dibenzothiophene	16.981	4.9	ng/ul	564944	4	17.169	2320850	20.0
1,1'-Biphenyl, ...	17.757	2.5	ng/ul	289410	4	17.169	2320850	20.0
Phenanthrene, 1...	18.039	7.8	ng/ul	907848	4	17.169	2320850	20.0
1H-Cyclopropa[l...	18.086	10.8	ng/ul	1255770	4	17.169	2320850	20.0
4H-Cyclopenta[d...	18.228	14.4	ng/ul	1670960	4	17.169	2320850	20.0
Anthracene, 1-m...	18.263	5.3	ng/ul	619905	4	17.169	2320850	20.0
5,16[1',2']:8,1...	18.528	6.5	ng/ul	748202	4	17.169	2320850	20.0
Phenanthrene, 2...	18.933	3.5	ng/ul	404771	4	17.169	2320850	20.0
Naphthalene, 1,...	19.022	2.0	ng/ul	234233	4	17.169	2320850	20.0
11H-Benzo[b]flu...	20.028	6.0	ng/ul	1339740	5	21.275	4436430	20.0
Fluoranthene, 2...	20.128	4.1	ng/ul	907606	5	21.275	4436430	20.0
Anthra(2,3-b)th...	20.927	2.0	ng/ul	446692	5	21.275	4436430	20.0
Benzo[c]phenant...	20.957	2.7	ng/ul	595411	5	21.275	4436430	20.0