LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCZH5ME

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_M\Methods\SFAM-EPA-BM011325.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.510	85	89	101	rBV	420879	631785	10.77%	0.953%
2	3.722	121	125	134	rVB3	54149	98678	1.68%	0.149%
3	3.816	137	141	152	rVB	52457	83367	1.42%	0.126%
4	4.146	193	197	204	rVB	91048	126017	2.15%	0.190%
5	5.151	364	368	374	rVB	51392	77956	1.33%	0.118%
6	5.575	435	440	448	rVV	159721	224421	3.82%	0.338%
7	6.181	534	543	546	rVV5	33173	74331	1.27%	0.112%
8	6.710	622	633	649	rVB	481305	856591	14.60%	1.292%
9	6.863	653	659	672	rBV	427492	683924	11.65%	1.031%
10	7.051	686	691	703	rVB	488309	792548	13.50%	1.195%
11	7.151	703	708	716	rVB2	157075	248051	4.23%	0.374%
12	7.510	763	769	777	rBV	517831	812520	13.85%	1.225%
13	8.228	885	891	897	rVV	516050	817062	13.92%	1.232%
14	8.657	958	964	973	rVV	428941	733329	12.50%	1.106%
15	8.739	973	978	986	rVB	164721	240101	4.09%	0.362%
16	9.369	1079	1085	1092	rBV	320081	562723	9.59%	0.848%
17	9.910	1168	1177	1187	rVV	481408	875602	14.92%	1.320%
18	10.275	1229	1239	1244	rBV	739188	1255039	21.39%	1.892%
19	10.322	1244	1247	1256	rVB	211950	333226	5.68%	0.502%
20	10.422	1256	1264	1274	rBV	401102	812368	13.84%	1.225%
21	11.728	1480	1486	1491	rBV	52133	87906	1.50%	0.133%
22	11.945	1517	1523	1532	rVB	168789	294462	5.02%	0.444%
23	12.169	1555	1561	1567	rVV	86291	135223	2.30%	0.204%
24	12.986	1692	1700	1709	rBV2	90482	178093	3.03%	0.269%
25	13.310	1749	1755	1765	rBV4	58075	155801	2.65%	0.235%
26	13.474	1776	1783	1788	rBV	80595	150388	2.56%	0.227%
27	13.527	1788	1792	1795	rVV	53547	77634	1.32%	0.117%
28	13.574	1795	1800	1807	rVB	876384	1214687	20.70%	1.831%
29	13.710	1818	1823	1827	rBV2	56176	83320	1.42%	0.126%
30	13.839	1839	1845	1856	rVV	1053349	1668696	28.43%	2.516%
31	14.080	1880	1886	1890	rBV	58758	78606	1.34%	0.119%
32	14.151	1890	1898	1904	rVV	907533	1366041	23.28%	2.060%
33	14.216	1904	1909	1919	rVV	1156489	1678214	28.60%	2.530%
34	14.386	1930	1938	1947	rVV3	170481	405895	6.92%	0.612%
35	14.469	1947	1952	1957	rVV2	81223	150988	2.57%	0.228%
36	14.557	1958	1967	1975	rVV	477708	787462	13.42%	1.187%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

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_M\Methods\SFAM-EPA-BM011325.MA.M
Title : SVOA CALIBRATION

37	14.639	1977	1981	1985	rVV2	55883	80454	1.37%	0.121%
38	14.780	2001	2005	2010	rVV2	43731	77031	1.31%	0.116%
39	15.151	2062	2068	2073	rBV	1361109	1935733	32.98%	2.919%
40	15.210	2073	2078	2083	rVV	950696	1268656	21.62%	1.913%
41	15.280	2083	2090	2096	rVV2	276443	458666	7.82%	0.692%
42	15.333	2096	2099	2102	rVV	107241	149143	2.54%	0.225%
43	15.374	2102	2106	2111	rVV	89279	134252	2.29%	0.202%
44	15.457	2116	2120	2124	rVV3	79172	138442	2.36%	0.209%
45	15.527	2124	2132	2139	rVB2	183212	411836	7.02%	0.621%
46	15.657	2149	2154	2161	rVB	126919	280272	4.78%	0.423%
47	15.739	2161	2168	2174	rBV4	36697	86039	1.47%	0.130%
48	15.886	2188	2193	2198	rVV4	99165	205552	3.50%	0.310%
49	16.010	2209	2214	2221	rVV3	58155	111816	1.91%	0.169%
50	16.215	2244	2249	2254	rVV2	91809	172129	2.93%	0.260%
51	16.268	2254	2258	2262	rVV2	66576	102983	1.75%	0.155%
52	16.363	2271	2274	2279	rVB	56040	84194	1.43%	0.127%
53	16.568	2305	2309	2316	rVB4	41132	73644	1.25%	0.111%
54	16.651	2318	2323	2328	rVV4	57231	133730	2.28%	0.202%
55	16.727	2328	2336	2352	rVB2	201041	454152	7.74%	0.685%
56	16.904	2361	2366	2370	rBV2	1092277	1578826	26.90%	2.381%
57	16.951	2370	2374	2379	rVV	2703554	3692258	62.91%	5.567%
58	17.004	2379	2383	2386	rVV2	1503799	2244699	38.25%	3.385%
59	17.039	2386	2389	2396	rVV	3134932	4047400	68.97%	6.103%
60	17.104	2396	2400	2406	rVV	105771	177832	3.03%	0.268%
61	17.315	2430	2436	2441	rBV	743888	1034796	17.63%	1.560%
62	17.433	2452	2456	2461	rBV2	99699	131246	2.24%	0.198%
63	17.486	2462	2465	2471	rVB	52714	68112	1.16%	0.103%
64	17.633	2486	2490	2498	rVB	39461	72106	1.23%	0.109%
65	17.786	2510	2516	2519	rBV	125142	189473	3.23%	0.286%
66	17.827	2519	2523	2532	rVV	318389	462169	7.88%	0.697%
67	17.909	2532	2537	2543	rVV	131485	208900	3.56%	0.315%
68	17.974	2543	2548	2553	rVV2	723240	1138120	19.39%	1.716%
69	18.009	2553	2554	2562	rVB	119885	140418	2.39%	0.212%
70	18.133	2571	2575	2580	rVB4	48667	75574	1.29%	0.114%
71	18.292	2598	2602	2606	rBV	138093	181871	3.10%	0.274%
72	18.327	2606	2608	2614	rVB3	66513	98595	1.68%	0.149%
73	18.709	2669	2673	2679	rBV	88309	146079	2.49%	0.220%
74	18.774	2679	2684	2688	rBV3	78084	119263	2.03%	0.180%
75	18.851	2693	2697	2699	rBV	63800	90462	1.54%	0.136%
76	18.974	2712	2718	2726	rVV	4736108	5868655	100.00%	8.849%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

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_M\Methods\SFAM-EPA-BM011325.MA.M
Title : SVOA CALIBRATION

77	19.221	2755	2760	2764	rVB2	117054	177405	3.02%	0.267%
78	19.309	2769	2775	2778	rVV	2611968	4011338	68.35%	6.048%
79	19.339	2778	2780	2790	rVV	3284815	3668569	62.51%	5.531%
80	19.415	2791	2793	2801	rVB2	76462	116881	1.99%	0.176%
81	19.521	2807	2811	2817	rBV	136424	197903	3.37%	0.298%
82	19.586	2818	2822	2828	rVB	69354	108181	1.84%	0.163%
83	19.668	2830	2836	2843	rBV4	112467	286909	4.89%	0.433%
84	19.809	2856	2860	2861	rBV2	75440	104240	1.78%	0.157%
85	19.845	2861	2866	2871	rVB	347353	519395	8.85%	0.783%
86	19.945	2878	2883	2887	rBV	358214	463070	7.89%	0.698%
87	19.998	2887	2892	2896	rVV2	143951	210804	3.59%	0.318%
88	20.039	2896	2899	2904	rVB	61058	74945	1.28%	0.113%
89	20.139	2913	2916	2920	rBV	65592	79055	1.35%	0.119%
90	20.186	2920	2924	2929	rBV2	67705	106653	1.82%	0.161%
91	20.756	3018	3021	3025	rBV	109352	139914	2.38%	0.211%
92	20.798	3025	3028	3031	rVV	116300	139013	2.37%	0.210%
93	20.856	3031	3038	3051	rVB3	157706	457876	7.80%	0.690%
94	21.133	3078	3085	3089	rBV2	1431972	2692420	45.88%	4.060%
95	21.174	3089	3092	3102	rVB	579720	843310	14.37%	1.272%
96	21.309	3112	3115	3119	rVB	70524	82312	1.40%	0.124%
97	23.044	3404	3410	3417	rBV	245163	657609	11.21%	0.992%
98	23.656	3510	3514	3518	rBV	96733	175672	2.99%	0.265%
99	23.721	3518	3525	3532	rVV	1045394	2224489	37.90%	3.354%
100	23.915	3550	3558	3565	rBV	753435	1805789	30.77%	2.723%

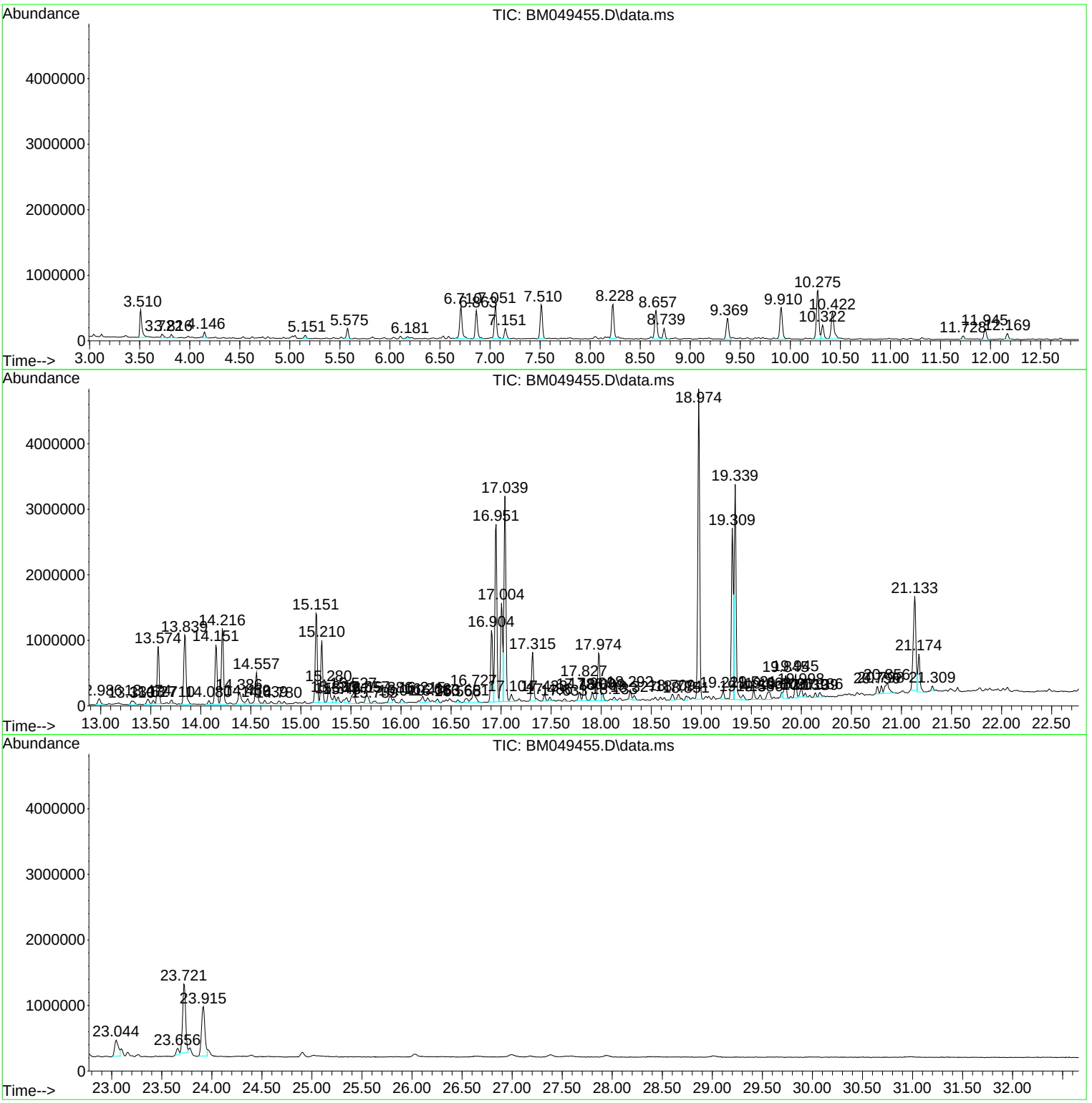
Sum of corrected areas: 66322385

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

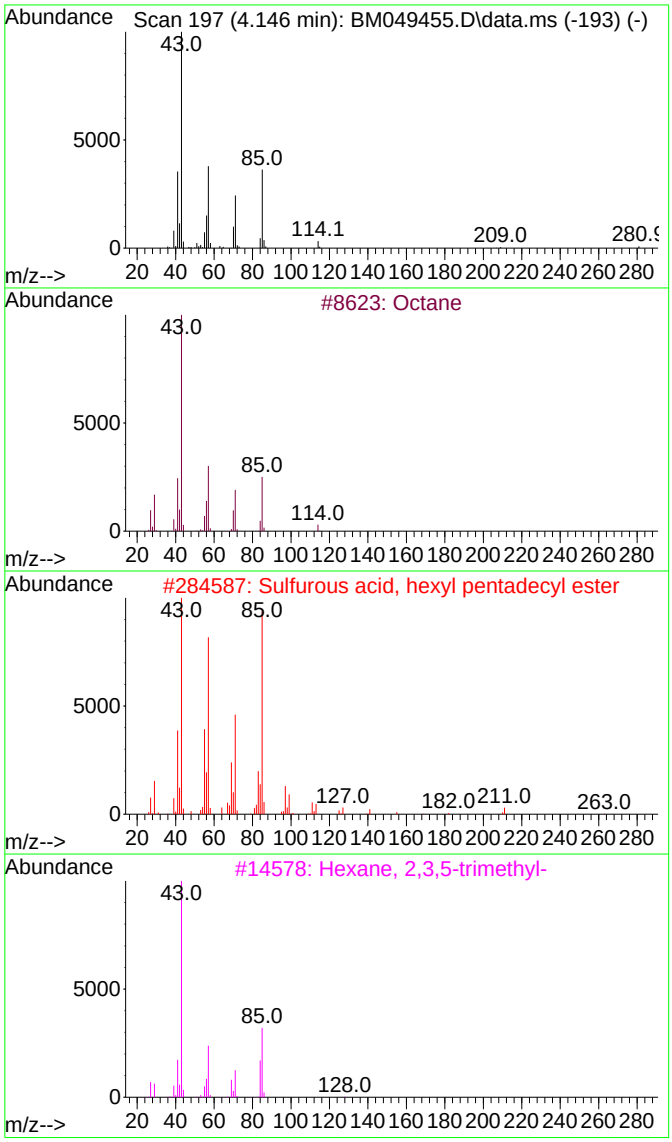
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

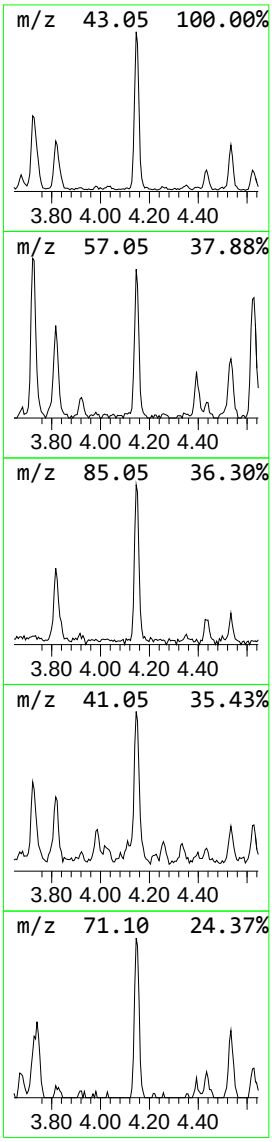
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.146	3.10 ng/ul	126017	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	78
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72
4	Octane	114	C8H18	000111-65-9	68
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

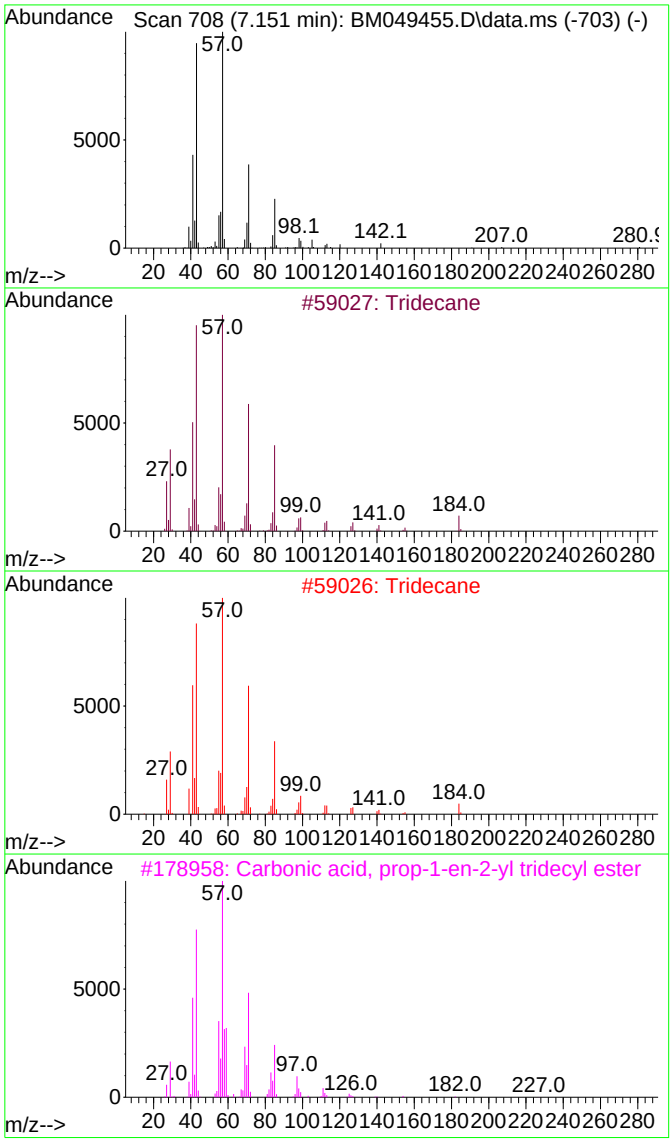
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

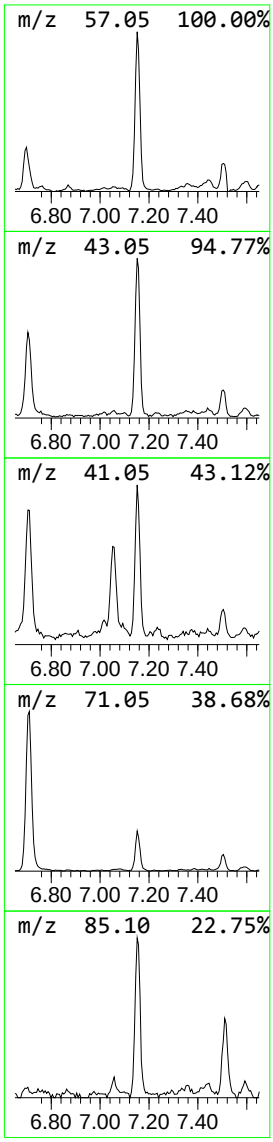
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.151	6.11 ng/ul	248051	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
4	Undecane	156	C11H24	001120-21-4	83
5	Tridecane	184	C13H28	000629-50-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

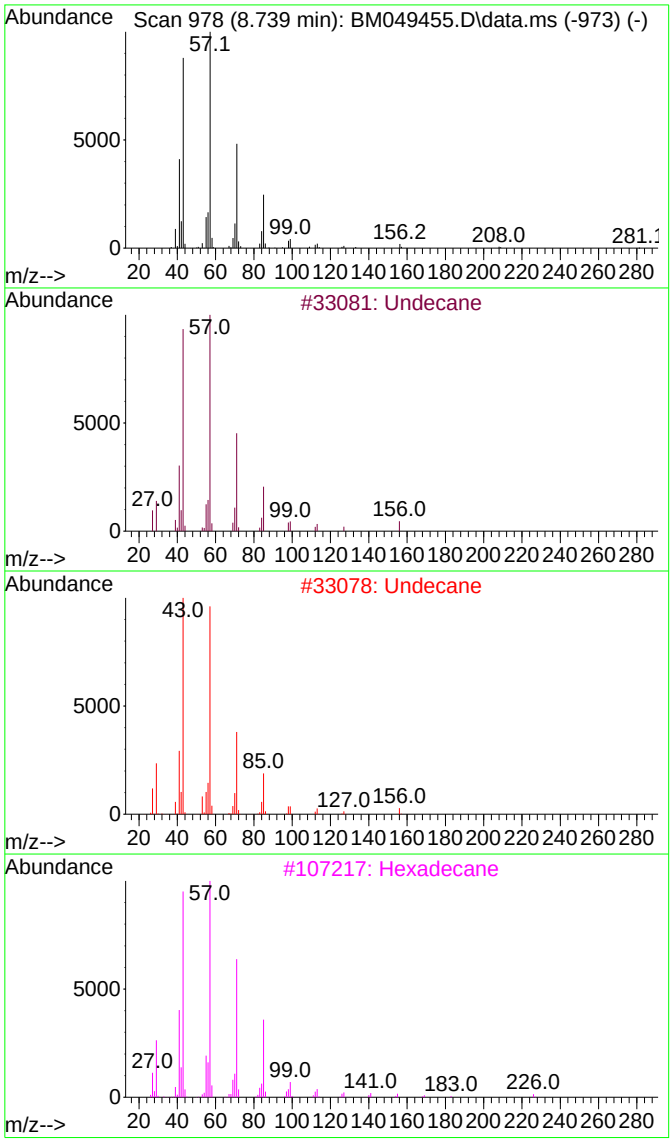
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

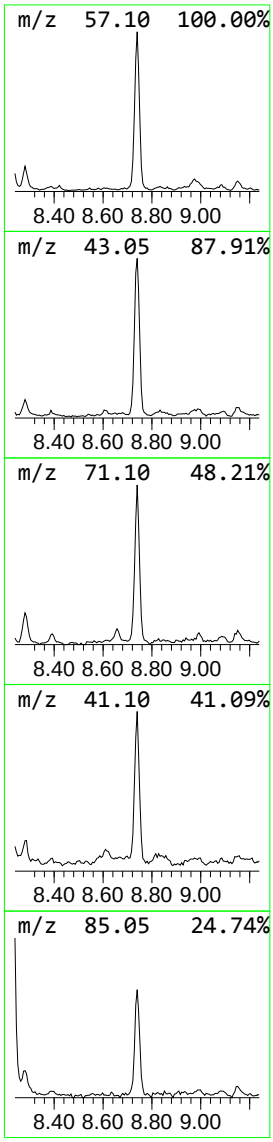
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	5.91 ng/ul	240101	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Undecane	156	C11H24	001120-21-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

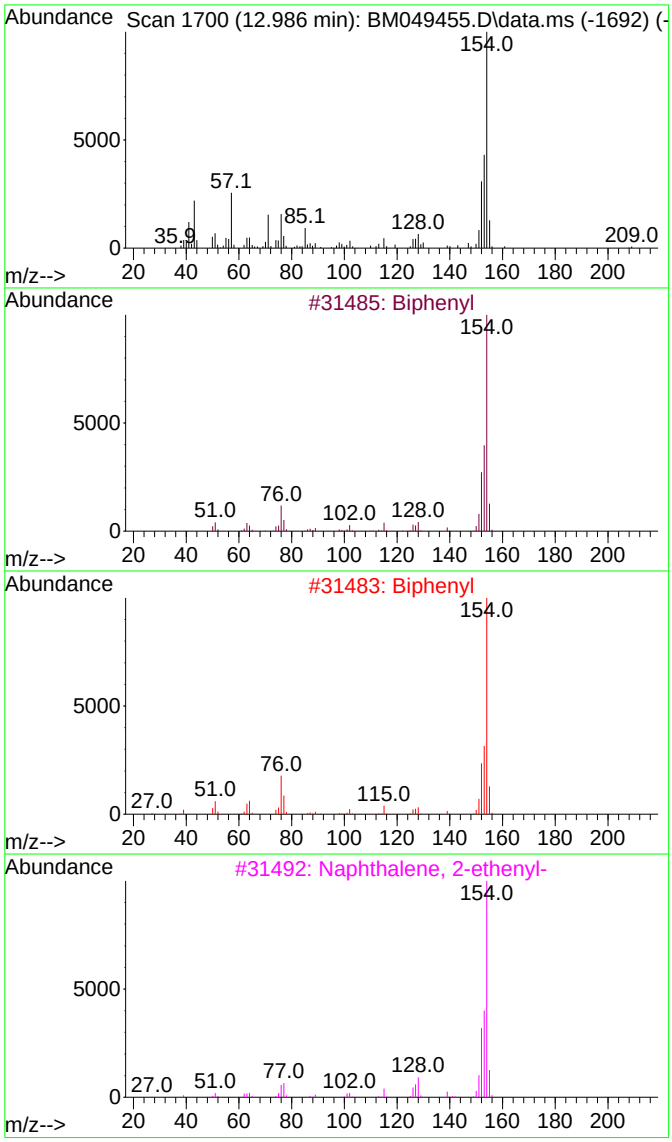
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

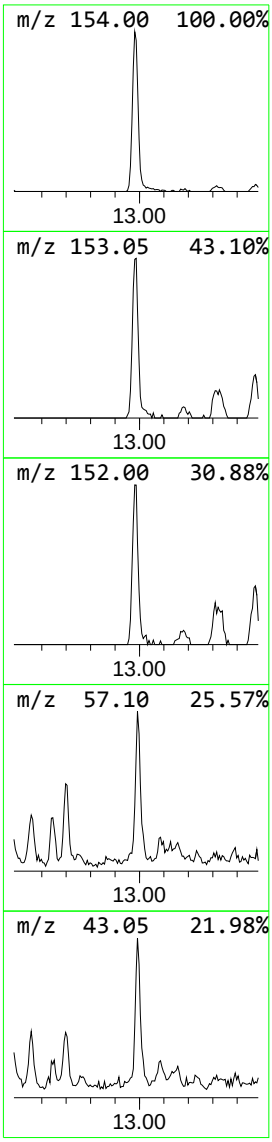
****

Peak Number 7 Biphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.61 ng/ul	178093	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	91
2	Biphenyl	154	C12H10	000092-52-4	87
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
4	Biphenyl	154	C12H10	000092-52-4	83
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

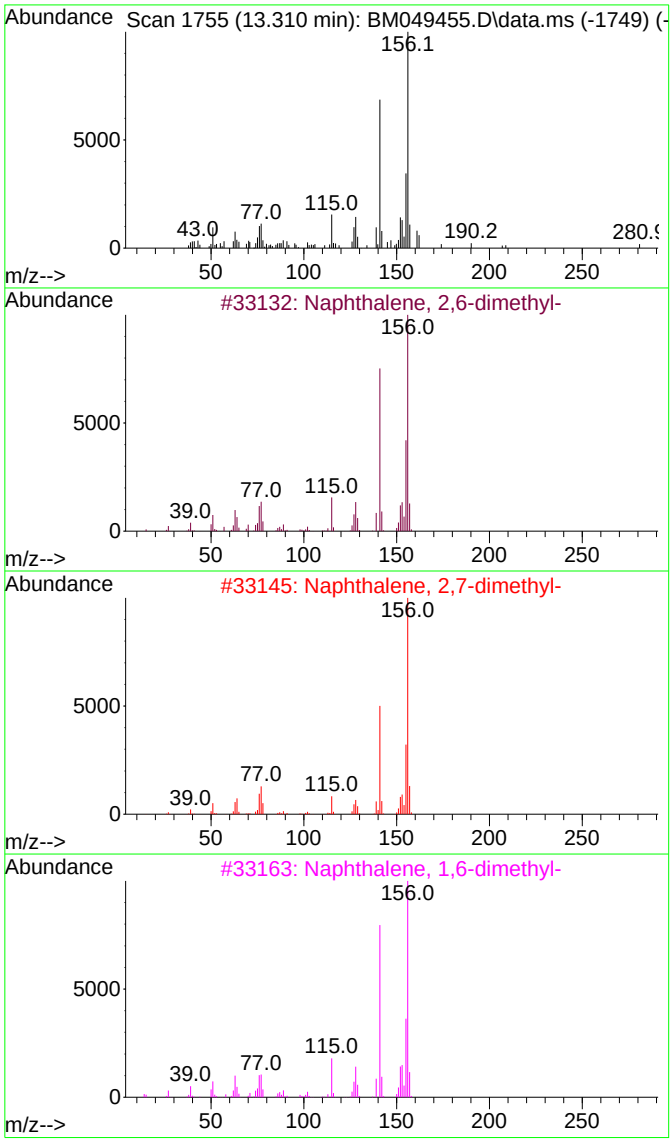
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

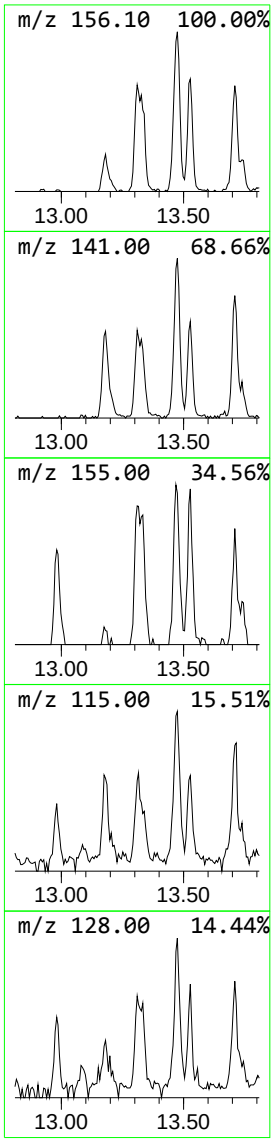
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.28 ng/ul	155801	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

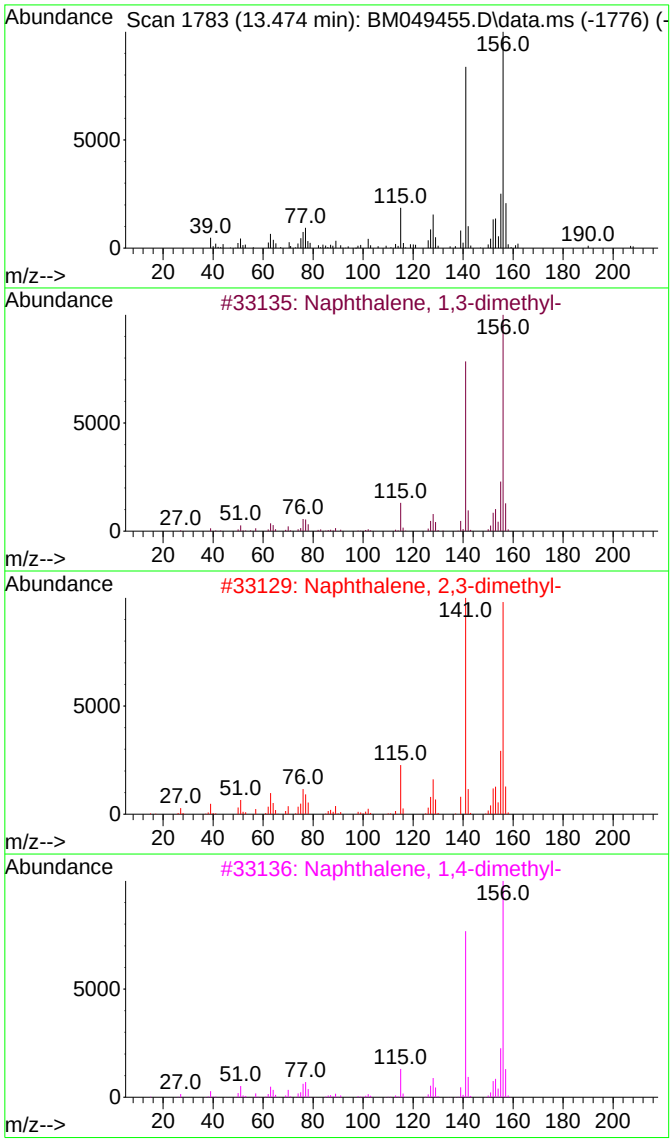
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

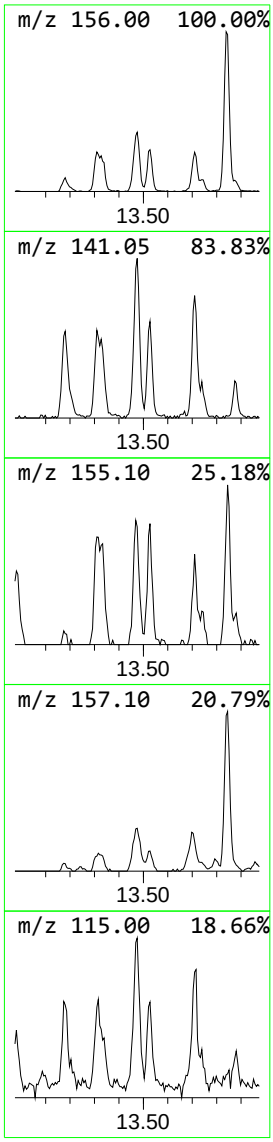
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	2.20 ng/ul	150388	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

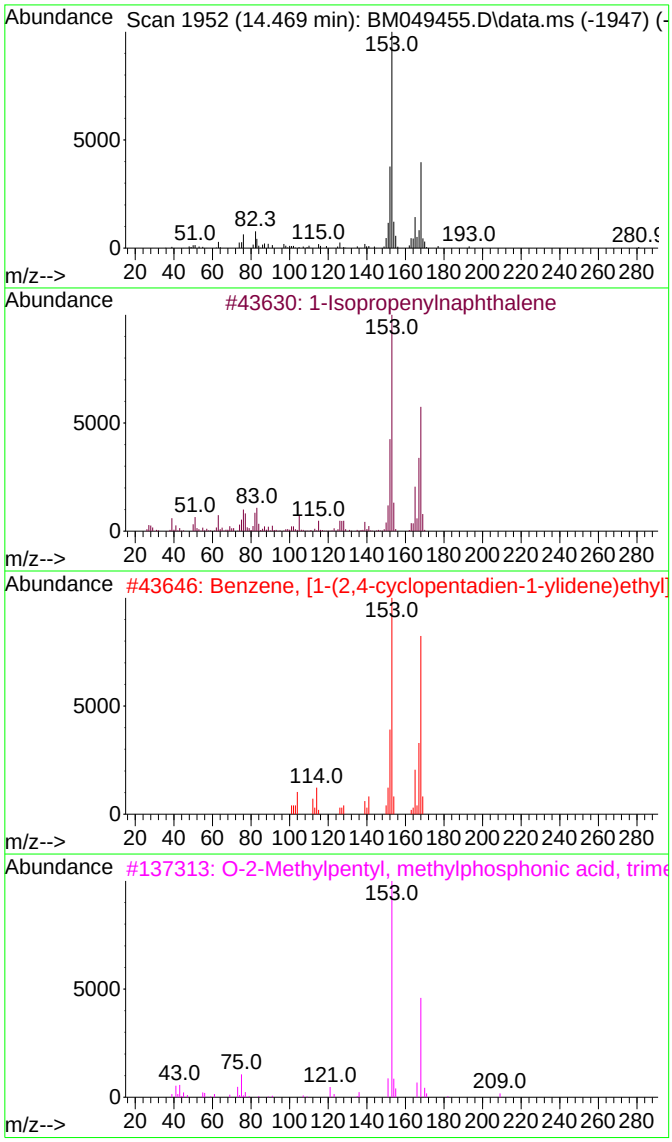
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

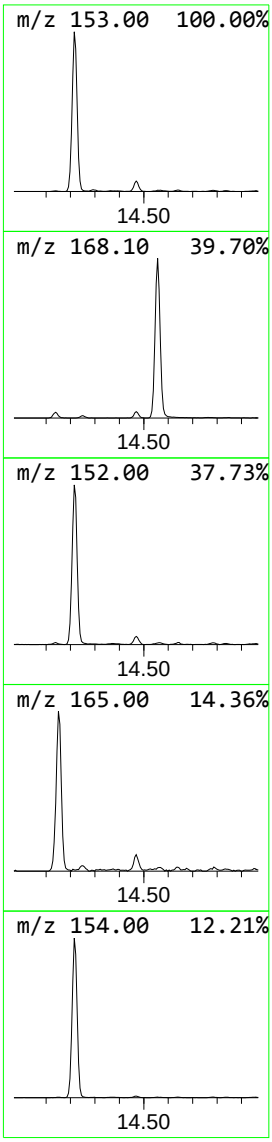
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	2.21 ng/ul	150988	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	78
3	O-2-Methylpentyl, methylphosphon...	252	C10H25O3PSi	1000383-36-8	59
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	59
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

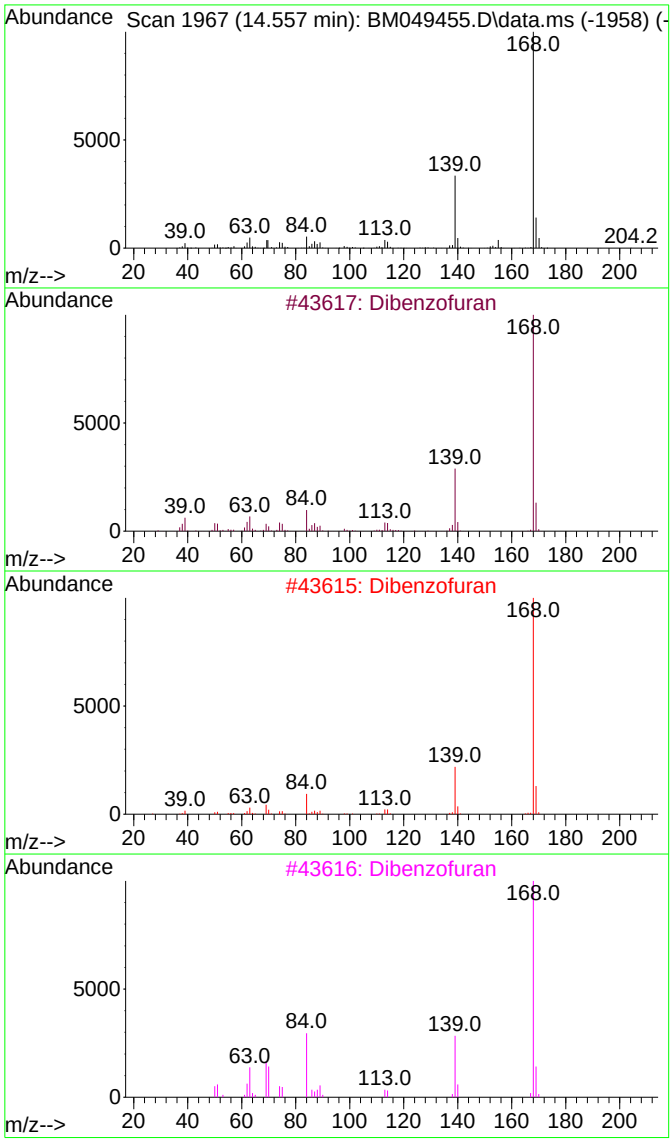
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

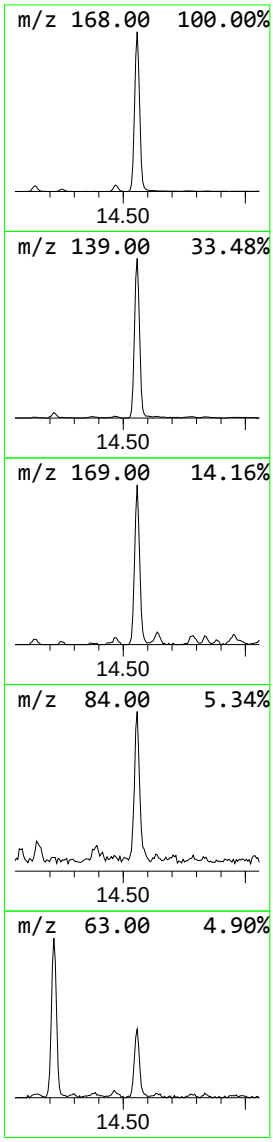
****

Peak Number 11 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	11.53 ng/ul	787462	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	83
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

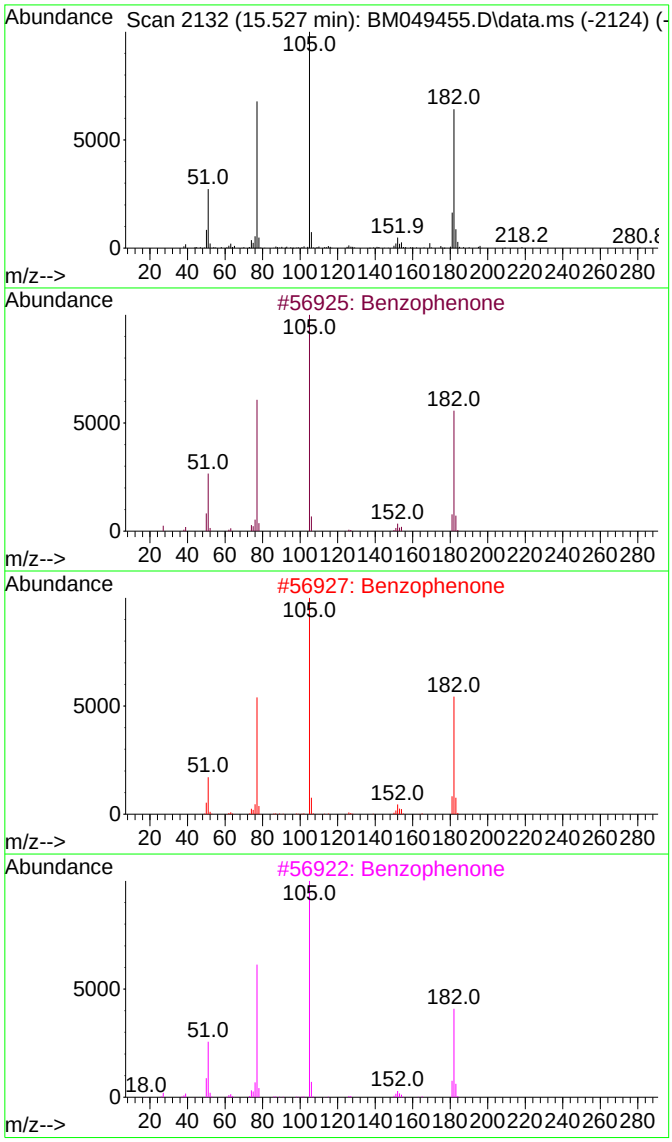
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

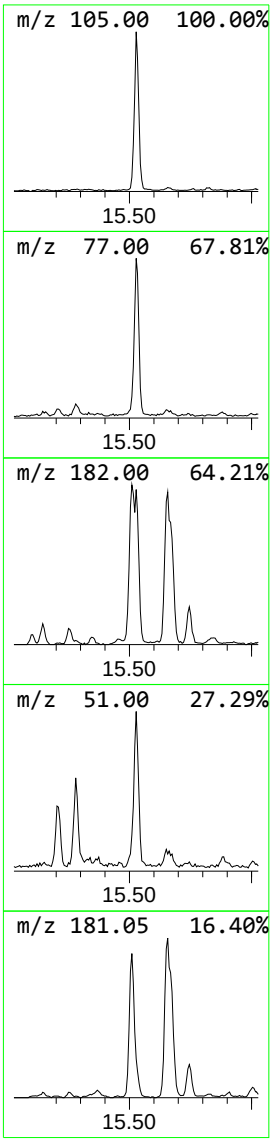
****

Peak Number 14 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	5.22 ng/ul	411836	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

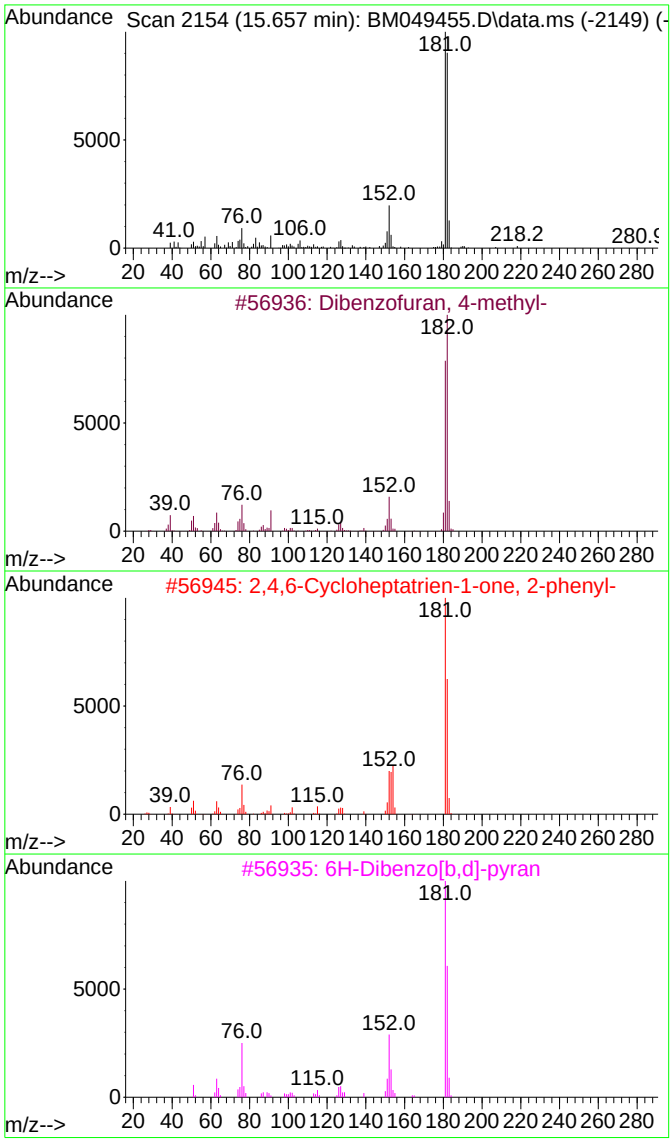
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

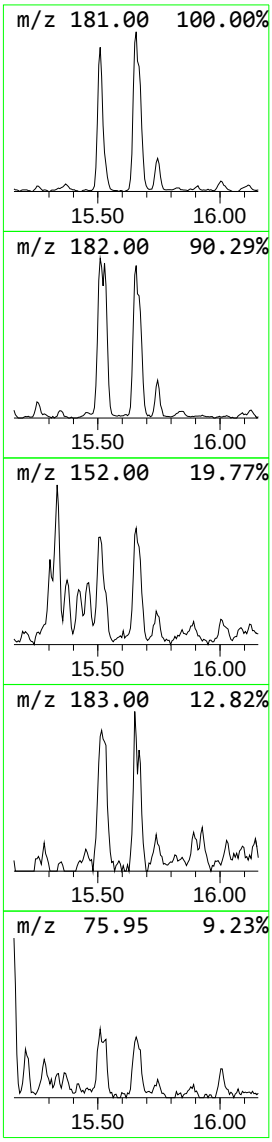
****

Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	3.55 ng/ul	280272	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

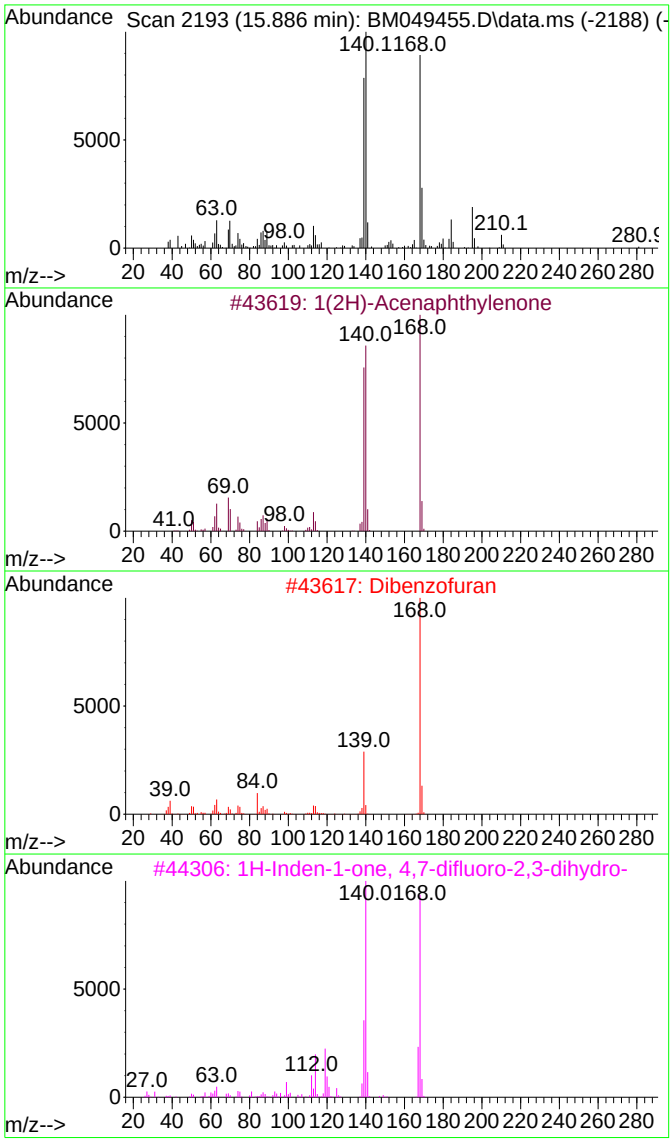
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

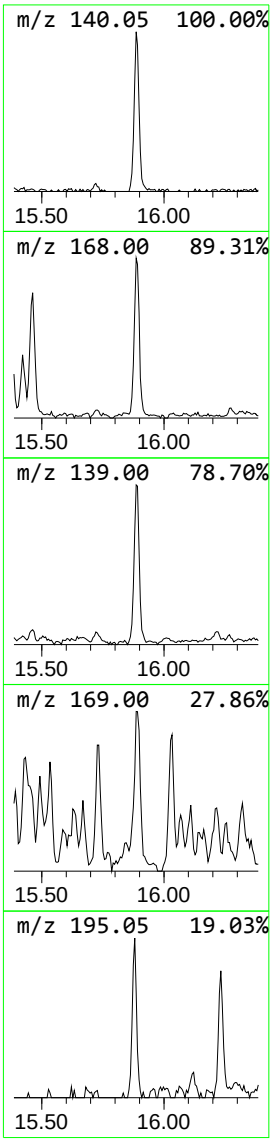
****

Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.886	2.60 ng/ul	205552	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Dibenzofuran	168	C12H8O	000132-64-9	49
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
4	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	47
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	45





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Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

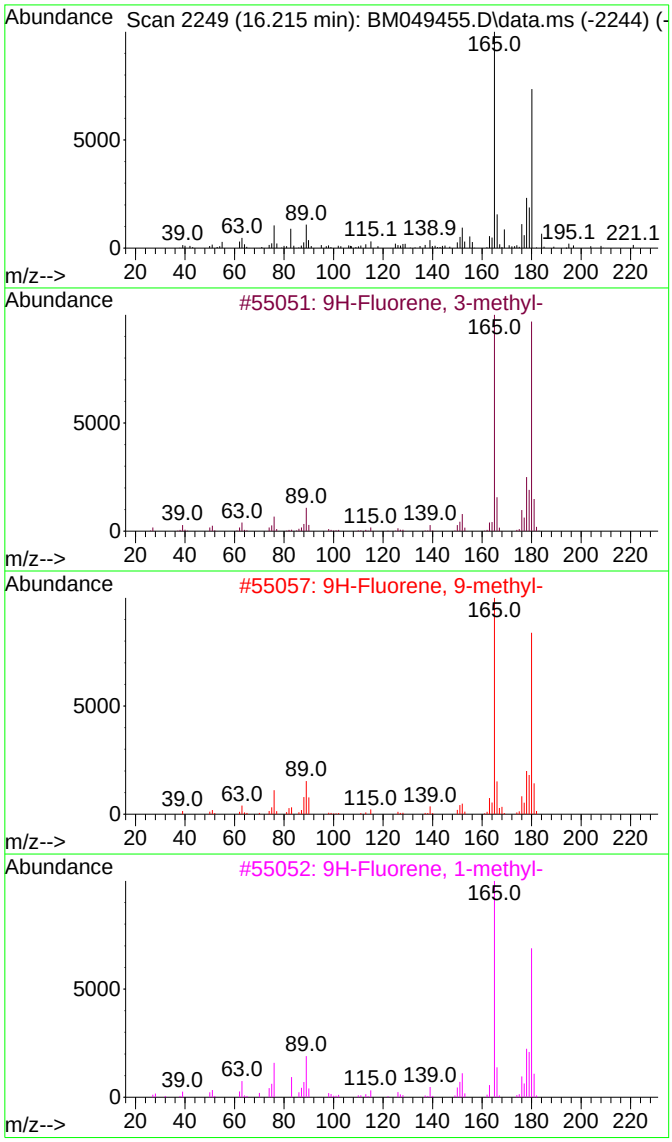
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

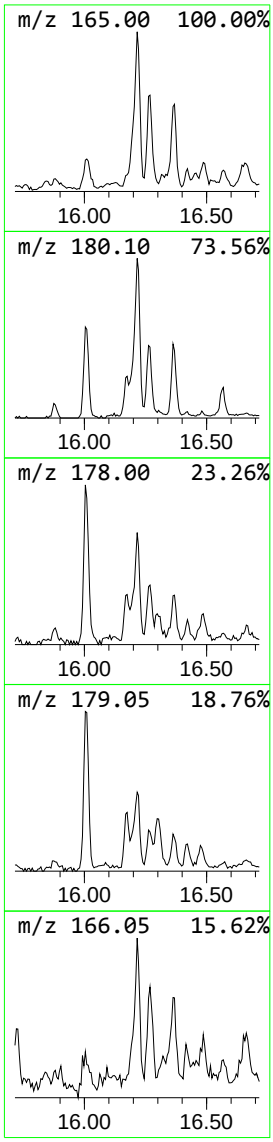
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluorene, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.215	2.18 ng/ul	172129	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





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Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

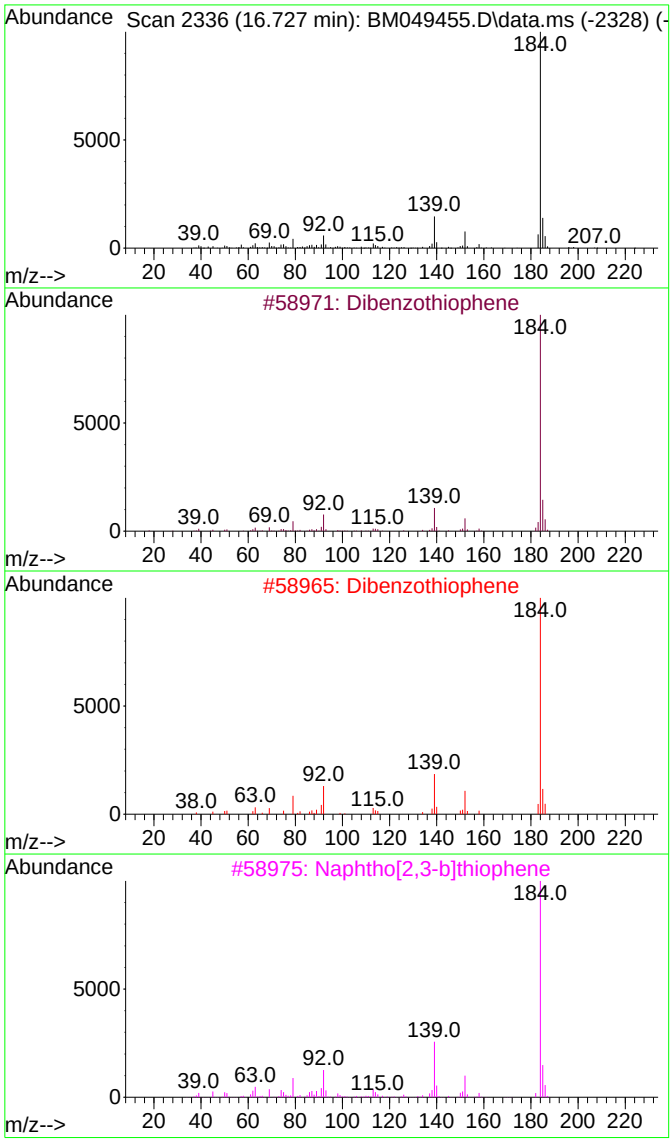
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

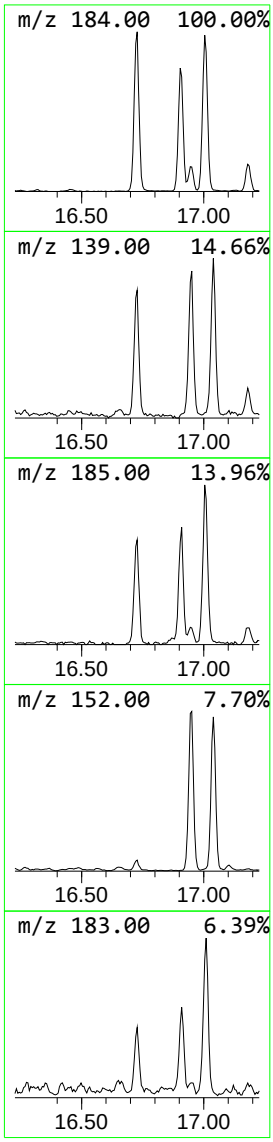
****

Peak Number 18 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	5.75 ng/ul	454152	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





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Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

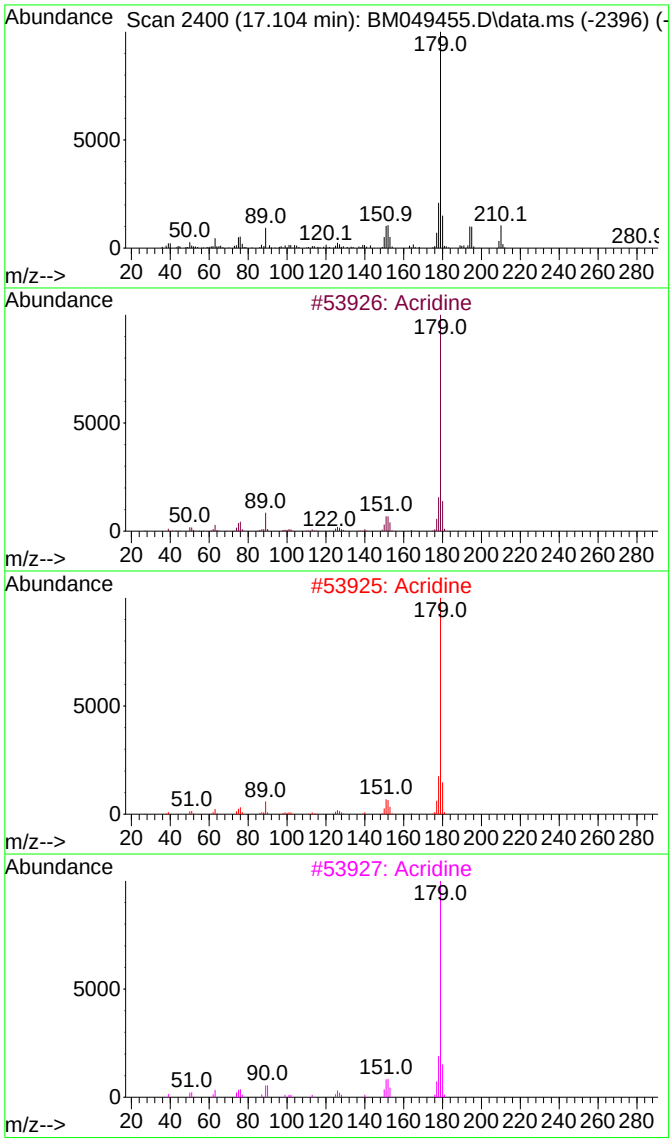
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

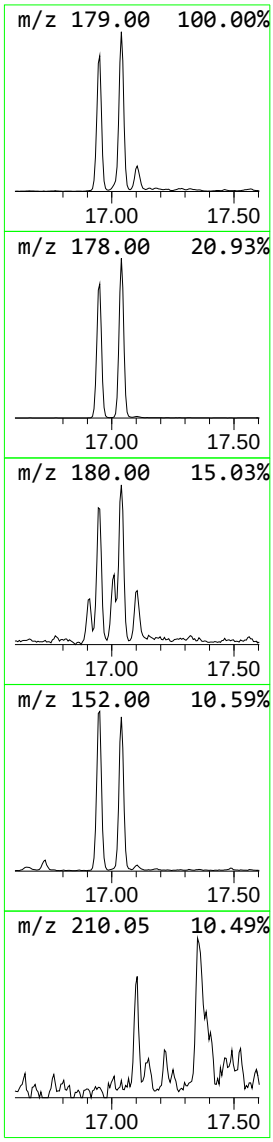
****

Peak Number 19 Acridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.25 ng/ul	177832	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	93
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
5	Acridine	179	C13H9N	000260-94-6	90





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Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

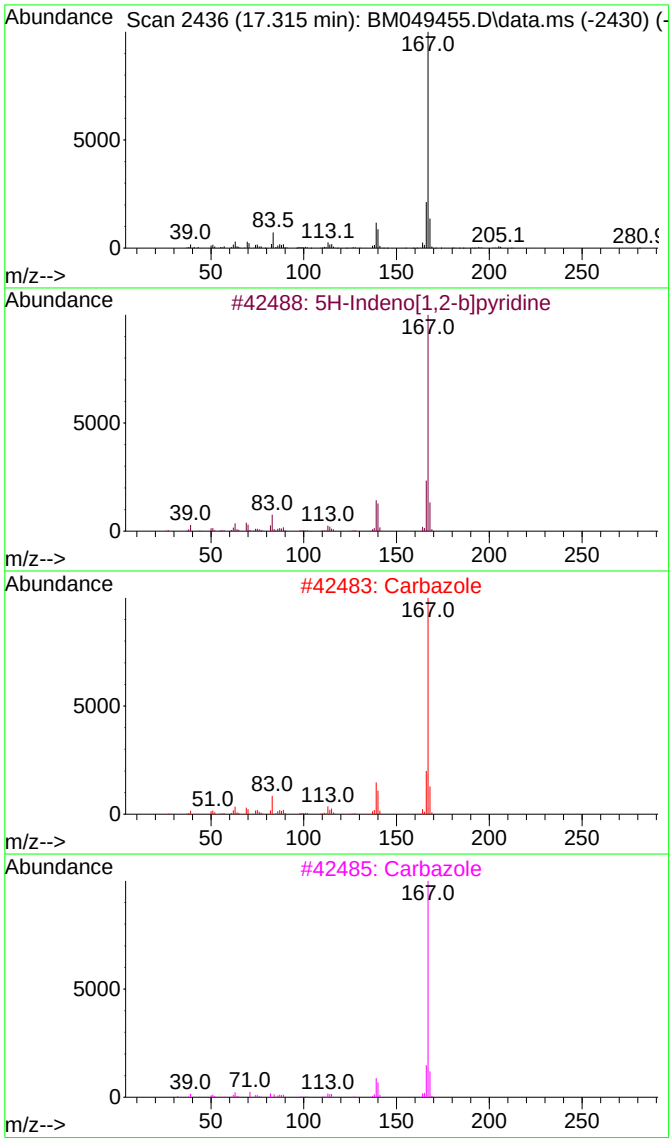
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

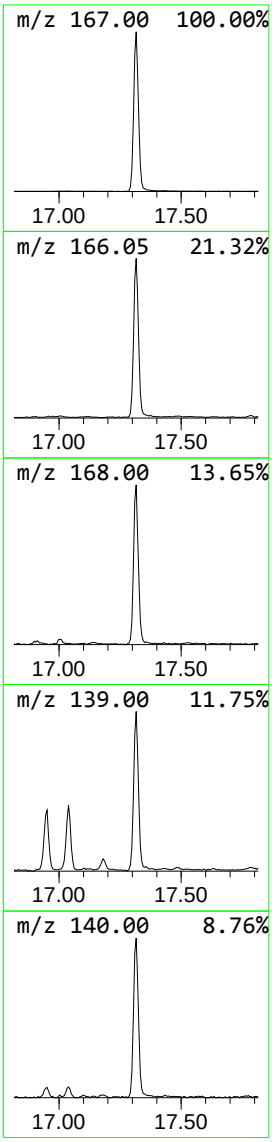
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	13.11 ng/ul	1034800	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	94
3	Carbazole	167	C12H9N	000086-74-8	90
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
5	Carbazole	167	C12H9N	000086-74-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

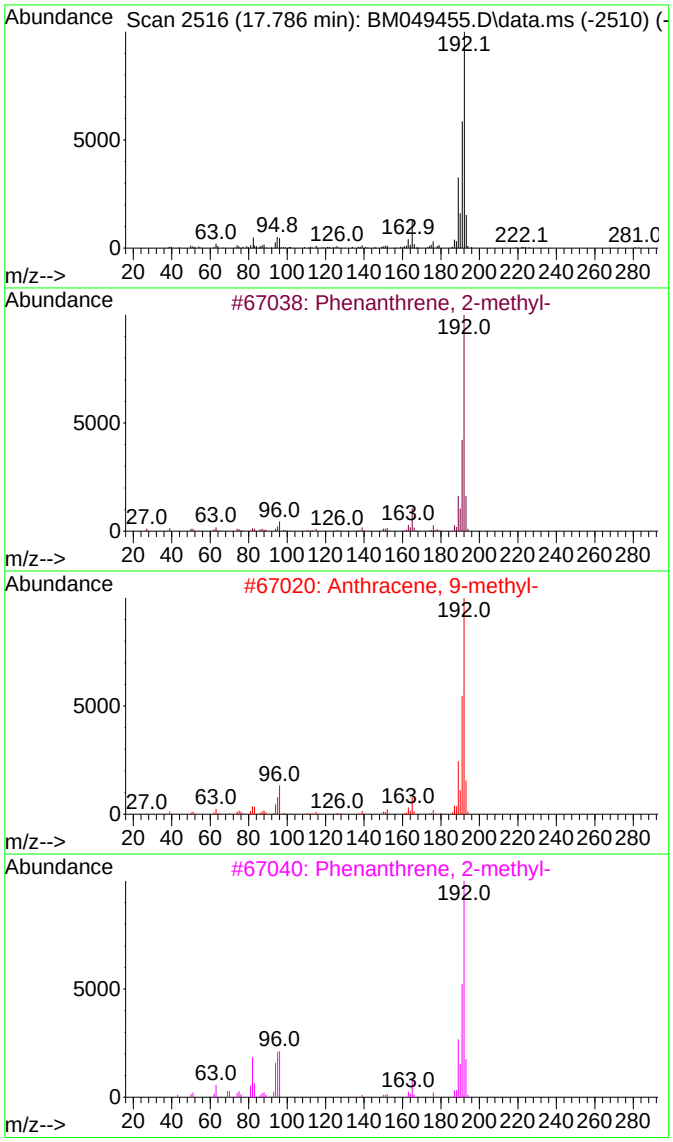
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

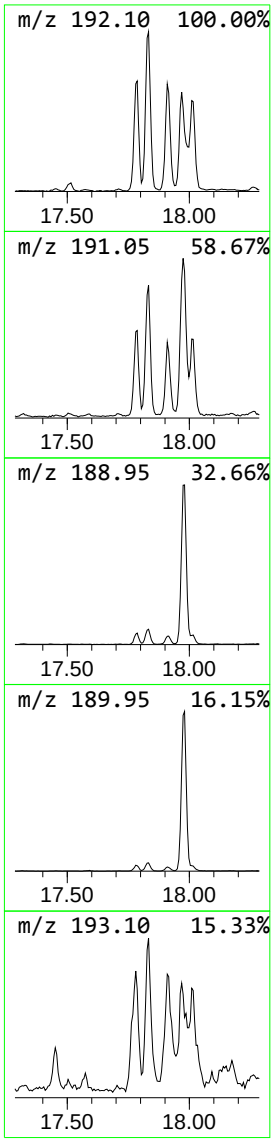
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	2.40 ng/ul	189473	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

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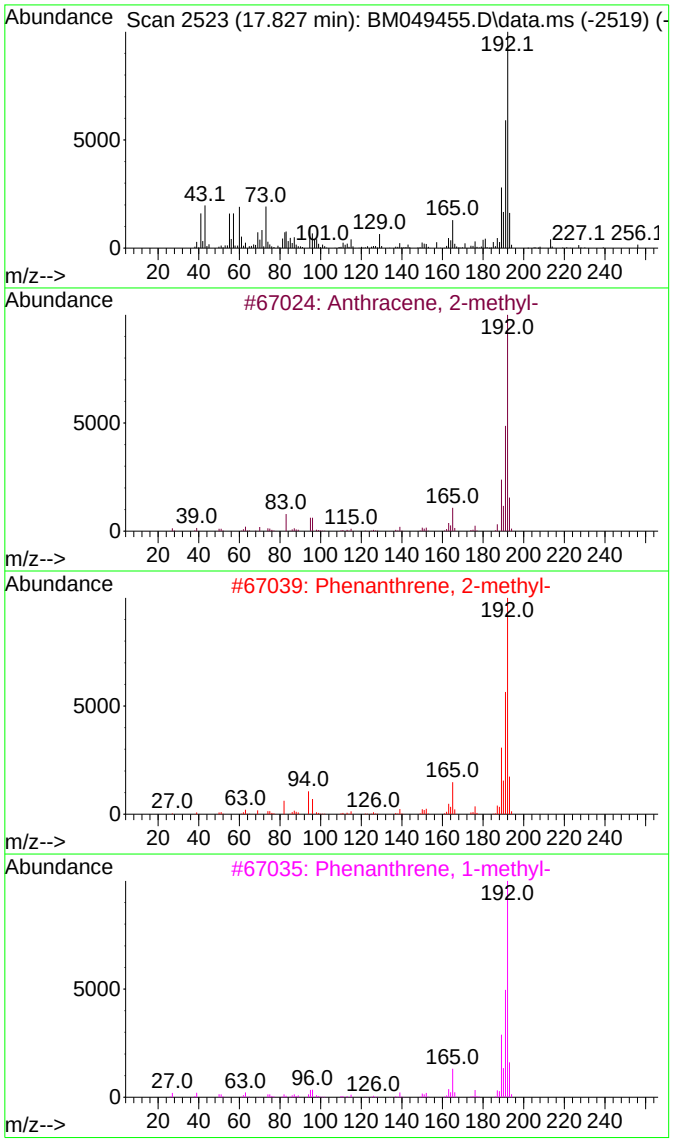
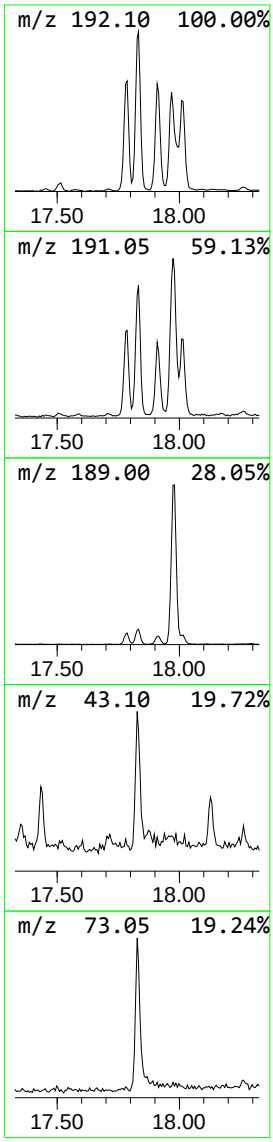
Peak Number 22 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	5.85 ng/ul	462169	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

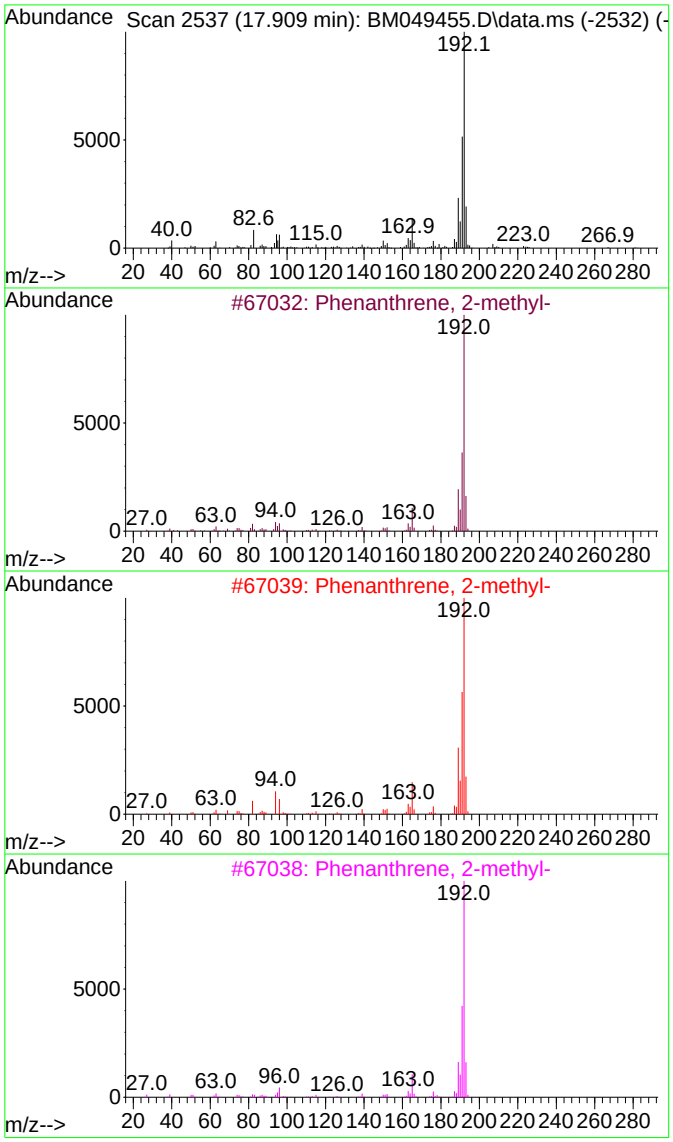
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

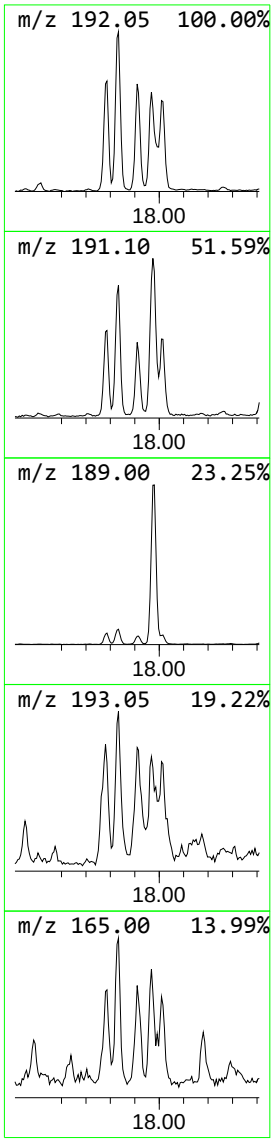
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	2.65 ng/ul	208900	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

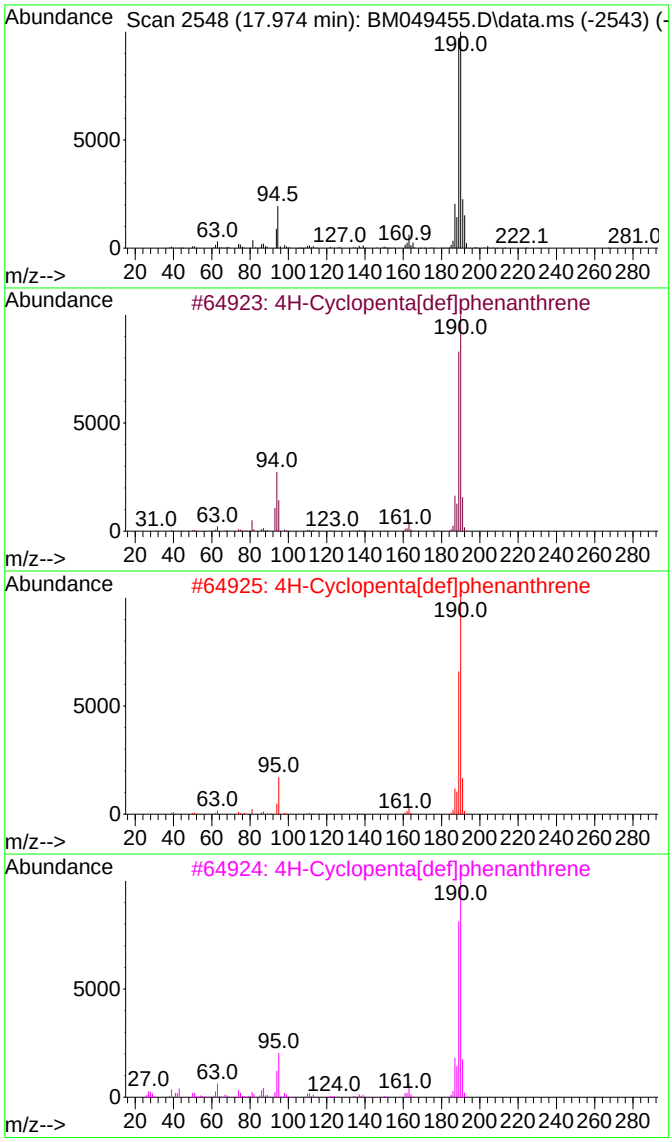
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

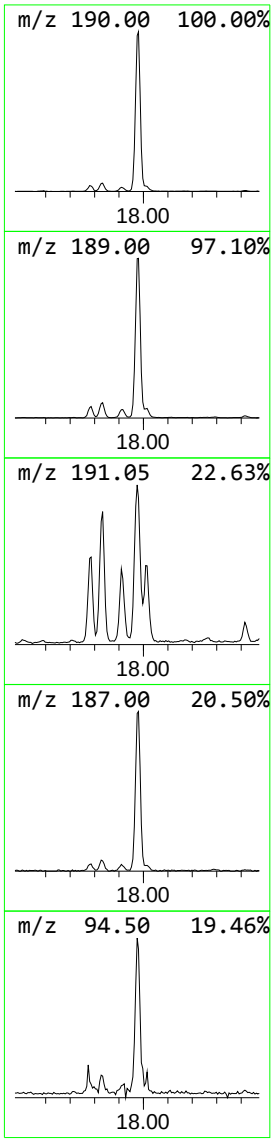
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	14.42 ng/ul	1138120	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59





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Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

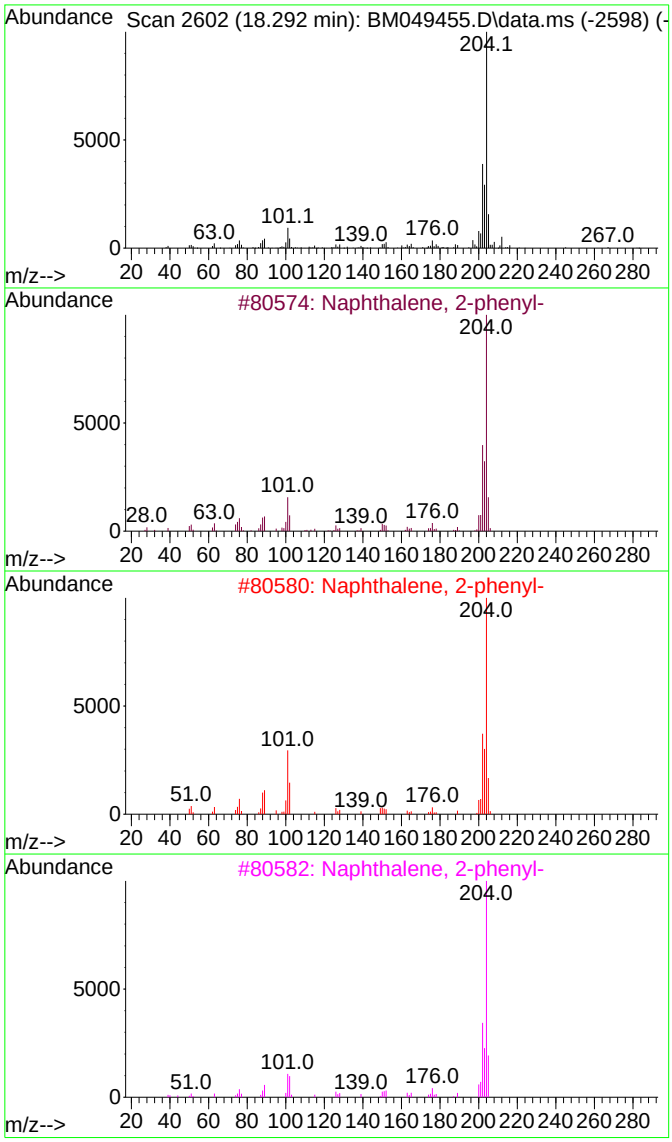
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

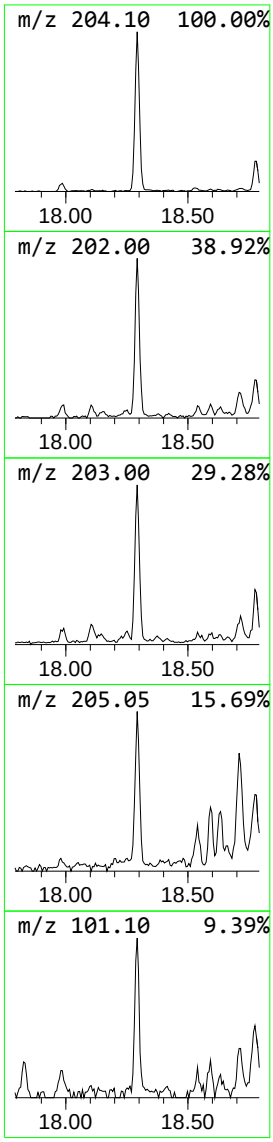
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.30 ng/ul	181871	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

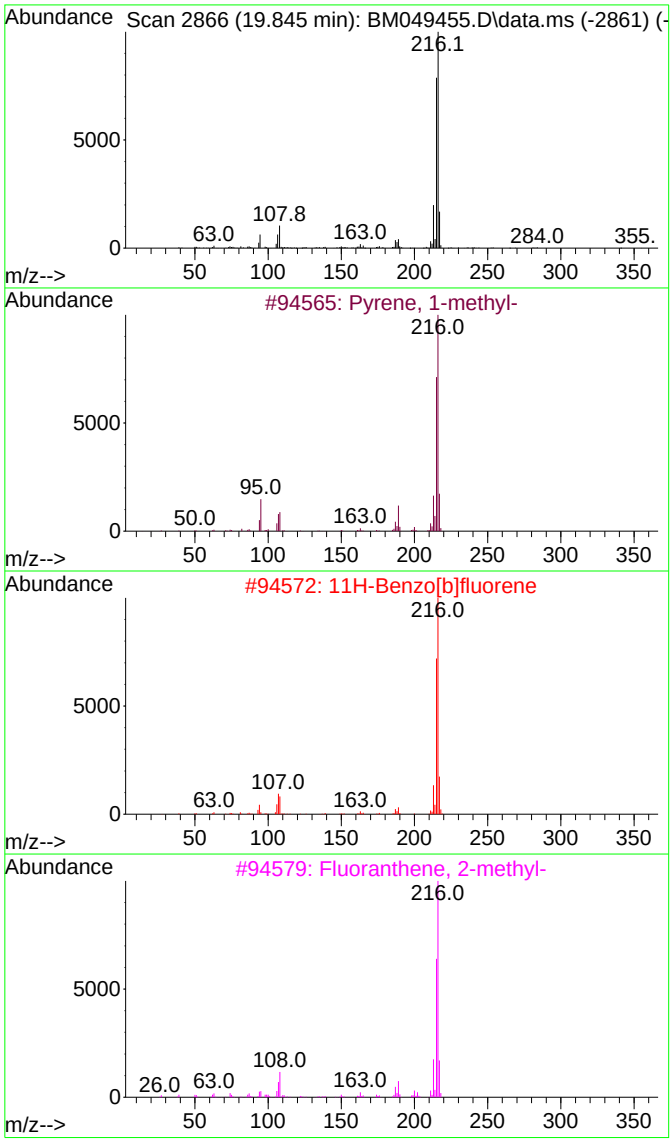
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

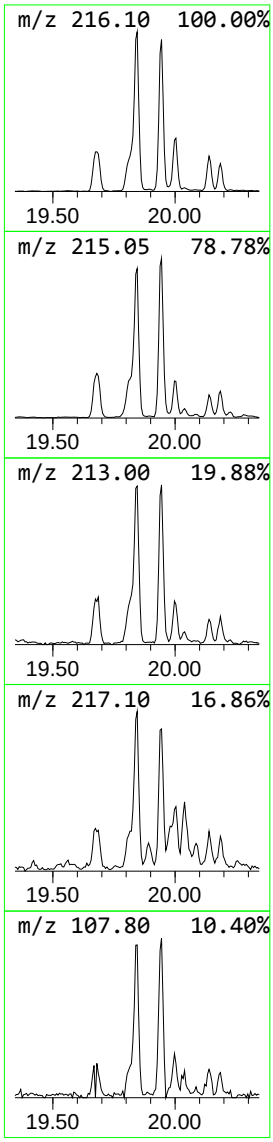
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	3.86 ng/ul	519395	Chrysene-d12	21.133

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	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

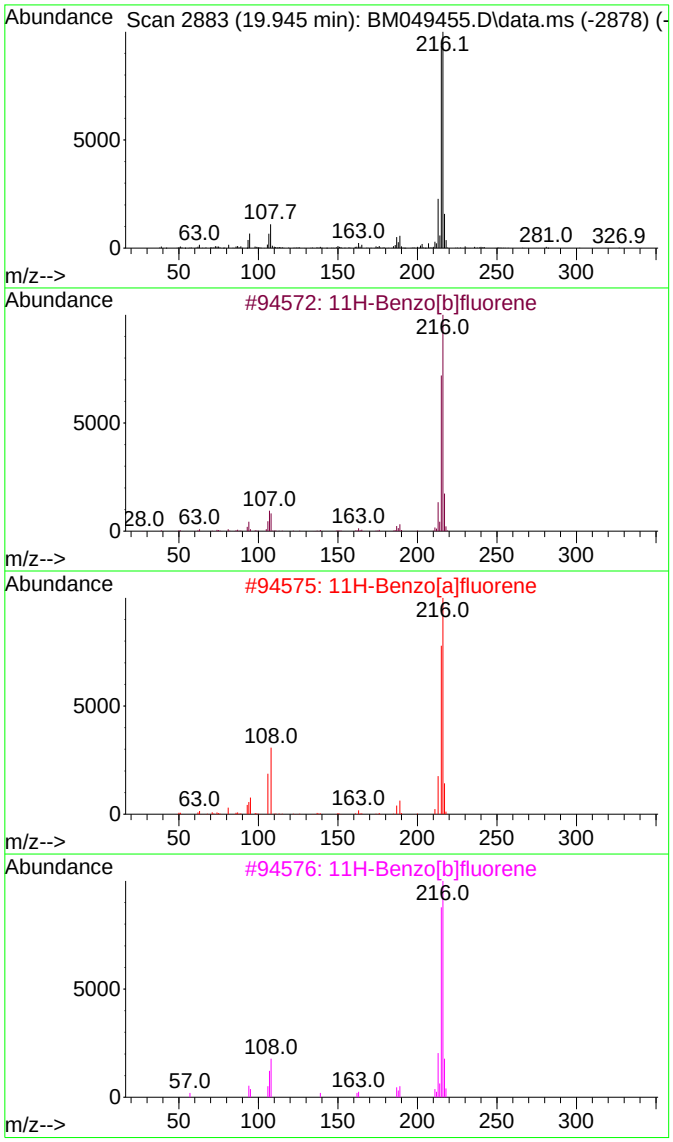
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

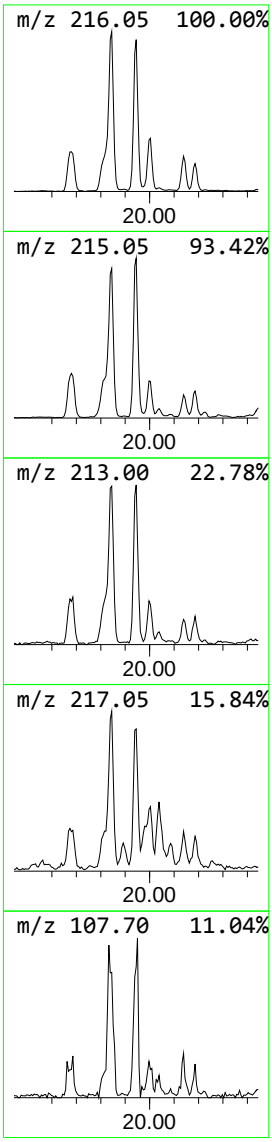
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	3.44 ng/ul	463070	Chrysene-d12	21.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049455.D
Acq On : 27 Jan 2025 19:21
Operator : RC/JU
Sample : Q1139-08ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.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...	4.146	3.1	ng/ul	126017	1	7.510	812520	20.0
(DEL) Alkane: S...	7.151	6.1	ng/ul	248051	1	7.510	812520	20.0
(DEL) Alkane: S...	8.739	5.9	ng/ul	240101	1	7.510	812520	20.0
Biphenyl	12.986	2.6	ng/ul	178093	3	14.151	1366040	20.0
Naphthalene, 2,...	13.310	2.3	ng/ul	155801	3	14.151	1366040	20.0
Naphthalene, 1,...	13.475	2.2	ng/ul	150388	3	14.151	1366040	20.0
1-Isopropenylna...	14.469	2.2	ng/ul	150988	3	14.151	1366040	20.0
Dibenzo furan	14.557	11.5	ng/ul	787462	3	14.151	1366040	20.0
Benzophenone	15.527	5.2	ng/ul	411836	4	16.904	1578830	20.0
Dibenzofuran, 4...	15.657	3.5	ng/ul	280272	4	16.904	1578830	20.0
1(2H)-Acenaphth...	15.886	2.6	ng/ul	205552	4	16.904	1578830	20.0
9H-Fluorene, 3-...	16.215	2.2	ng/ul	172129	4	16.904	1578830	20.0
Dibenzothiophene	16.727	5.8	ng/ul	454152	4	16.904	1578830	20.0
Acridine	17.104	2.3	ng/ul	177832	4	16.904	1578830	20.0
5H-Indeno[1,2-b...	17.315	13.1	ng/ul	1034800	4	16.904	1578830	20.0
Phenanthrene, 2...	17.786	2.4	ng/ul	189473	4	16.904	1578830	20.0
Anthracene, 2-m...	17.827	5.8	ng/ul	462169	4	16.904	1578830	20.0
Phenanthrene, 1...	17.910	2.6	ng/ul	208900	4	16.904	1578830	20.0
4H-Cyclopenta[d...	17.974	14.4	ng/ul	1138120	4	16.904	1578830	20.0
Naphthalene, 2-...	18.292	2.3	ng/ul	181871	4	16.904	1578830	20.0
Pyrene, 1-methyl-	19.845	3.9	ng/ul	519395	5	21.133	2692420	20.0
11H-Benzo[b]flu...	19.945	3.4	ng/ul	463070	5	21.133	2692420	20.0