LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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: BM049454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	20	23	29	rVB	42313	52972	0.43%	0.059%
2	3.510	85	89	107	rBV	496859	754555	6.14%	0.846%
3	6.710	626	633	648	rBV	534489	877475	7.14%	0.984%
4	6.863	653	659	673	rVB	461965	729392	5.94%	0.818%
5	7.057	685	692	701	rBV	553469	881616	7.18%	0.988%
6	7.516	763	770	779	rBV	608294	967677	7.88%	1.085%
7	7.880	827	832	841	rVB2	33364	55203	0.45%	0.062%
8	8.228	884	891	908	rBV	615608	1014018	8.25%	1.137%
9	8.657	958	964	974	rBV	488342	796028	6.48%	0.892%
10	9.374	1077	1086	1093	rBV	362445	618090	5.03%	0.693%
11	9.910	1168	1177	1191	rBV	586179	1069931	8.71%	1.199%
12	10.274	1232	1239	1242	rBV	748559	1230113	10.01%	1.379%
13	10.321	1242	1247	1257	rVV	3282207	5351329	43.55%	5.999%
14	10.421	1257	1264	1285	rVB2	512401	1109933	9.03%	1.244%
15	11.945	1515	1523	1532	rBV	1365534	2075967	16.90%	2.327%
16	12.168	1551	1561	1574	rVB	612292	991495	8.07%	1.112%
17	12.980	1692	1699	1710	rBV	489568	748653	6.09%	0.839%
18	13.174	1726	1732	1741	rVB	130233	250586	2.04%	0.281%
19	13.310	1747	1755	1757	rBV	149542	237400	1.93%	0.266%
20	13.468	1777	1782	1787	rVV	223749	375874	3.06%	0.421%
21	13.527	1787	1792	1795	rVV	146644	216435	1.76%	0.243%
22	13.574	1795	1800	1811	rVB	1064064	1441622	11.73%	1.616%
23	13.710	1818	1823	1827	rBV	94401	149406	1.22%	0.167%
24	13.839	1837	1845	1861	rBV	1217734	1964171	15.99%	2.202%
25	14.151	1890	1898	1904	rVV2	1146206	1823743	14.84%	2.044%
26	14.215	1904	1909	1918	rVV	1657877	2424712	19.73%	2.718%
27	14.292	1918	1922	1930	rVV	72386	119970	0.98%	0.134%
28	14.386	1930	1938	1946	rVV2	205617	482619	3.93%	0.541%
29	14.468	1947	1952	1957	rVV2	76360	148403	1.21%	0.166%
30	14.557	1957	1967	1977	rVV	1785328	2590166	21.08%	2.904%
31	14.639	1977	1981	1989	rVV	51338	96071	0.78%	0.108%
32	14.780	1998	2005	2010	rVV4	35320	68343	0.56%	0.077%
33	14.839	2010	2015	2019	rVB	41216	58174	0.47%	0.065%
34	14.956	2027	2035	2037	rBV2	28529	56215	0.46%	0.063%
35	15.156	2062	2069	2073	rVV	1595071	2301426	18.73%	2.580%
36	15.209	2073	2078	2083	rVV	1688080	2299580	18.72%	2.578%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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	15.286	2083	2091	2096	rVV2	311610	562499	4.58%	0.631%
38	15.333	2096	2099	2102	rVV2	99228	152055	1.24%	0.170%
39	15.374	2102	2106	2111	rVV	184674	281151	2.29%	0.315%
40	15.421	2111	2114	2116	rVV3	35207	47422	0.39%	0.053%
41	15.456	2116	2120	2124	rVV	108634	170891	1.39%	0.192%
42	15.509	2124	2129	2140	rVB2	292457	635513	5.17%	0.712%
43	15.656	2148	2154	2162	rVB	260730	525284	4.28%	0.589%
44	15.745	2162	2169	2177	rVB2	52448	112214	0.91%	0.126%
45	15.886	2189	2193	2199	rBV4	29418	58063	0.47%	0.065%
46	16.215	2243	2249	2254	rVV2	120542	251016	2.04%	0.281%
47	16.268	2254	2258	2262	rVV2	62333	97098	0.79%	0.109%
48	16.362	2269	2274	2279	rVV2	46789	91935	0.75%	0.103%
49	16.451	2285	2289	2292	rVV	57937	96791	0.79%	0.109%
50	16.486	2292	2295	2299	rVV3	73605	116770	0.95%	0.131%
51	16.562	2304	2308	2316	rVB	137325	217904	1.77%	0.244%
52	16.650	2317	2323	2328	rVV3	70916	164921	1.34%	0.185%
53	16.721	2328	2335	2346	rVB	512814	809008	6.58%	0.907%
54	16.909	2360	2367	2369	rBV	1250860	1760734	14.33%	1.974%
55	16.950	2369	2374	2379	rVV	9205148	12286768	100.00%	13.774%
56	17.003	2379	2383	2387	rVV	1793081	2597022	21.14%	2.911%
57	17.039	2387	2389	2396	rVV	753456	844573	6.87%	0.947%
58	17.103	2396	2400	2407	rVV2	39776	78199	0.64%	0.088%
59	17.315	2426	2436	2441	rBV	328851	517497	4.21%	0.580%
60	17.356	2441	2443	2451	rVV6	33550	63946	0.52%	0.072%
61	17.433	2451	2456	2462	rVV2	101290	151431	1.23%	0.170%
62	17.486	2462	2465	2476	rVV2	51731	101344	0.82%	0.114%
63	17.627	2485	2489	2495	rVB	38897	68778	0.56%	0.077%
64	17.786	2510	2516	2519	rVV	354532	490718	3.99%	0.550%
65	17.833	2519	2524	2531	rVV	557227	796843	6.49%	0.893%
66	17.909	2532	2537	2542	rVV	122300	193097	1.57%	0.216%
67	17.974	2542	2548	2552	rVV2	634061	1009369	8.22%	1.132%
68	18.015	2552	2555	2563	rVB	173176	237776	1.94%	0.267%
69	18.133	2572	2575	2579	rVV2	32177	55621	0.45%	0.062%
70	18.292	2595	2602	2606	rVV	311154	450590	3.67%	0.505%
71	18.327	2606	2608	2615	rVB3	62836	91991	0.75%	0.103%
72	18.539	2640	2644	2649	rVB2	54749	75791	0.62%	0.085%
73	18.592	2649	2653	2656	rBV	41142	52083	0.42%	0.058%
74	18.715	2669	2674	2679	rBV	64362	103491	0.84%	0.116%
75	18.774	2679	2684	2688	rBV3	46336	69858	0.57%	0.078%
76	18.856	2693	2698	2699	rBV2	41722	62843	0.51%	0.070%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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	18.974	2712	2718	2727	rVV	5073877	6292412	51.21%	7.054%
78	19.074	2733	2735	2739	rVV3	50814	64663	0.53%	0.072%
79	19.221	2755	2760	2764	rVB	100896	160512	1.31%	0.180%
80	19.309	2769	2775	2778	rVV	2876722	4345481	35.37%	4.871%
81	19.339	2778	2780	2789	rVV	3124320	3563966	29.01%	3.995%
82	19.415	2789	2793	2800	rVB	107959	169820	1.38%	0.190%
83	19.527	2807	2812	2818	rBV	131081	185641	1.51%	0.208%
84	19.680	2830	2838	2843	rBV3	101272	267833	2.18%	0.300%
85	19.803	2855	2859	2861	rBV4	67690	100269	0.82%	0.112%
86	19.844	2862	2866	2871	rVB	304508	424702	3.46%	0.476%
87	19.944	2878	2883	2887	rBV	319694	412227	3.36%	0.462%
88	19.997	2887	2892	2896	rVV2	135799	220516	1.79%	0.247%
89	20.039	2896	2899	2903	rVB	66575	80572	0.66%	0.090%
90	20.138	2913	2916	2920	rBV	52196	58079	0.47%	0.065%
91	20.186	2920	2924	2928	rBV3	59053	95910	0.78%	0.108%
92	20.756	3018	3021	3025	rBV	114233	141336	1.15%	0.158%
93	20.797	3025	3028	3032	rVV	107352	138062	1.12%	0.155%
94	20.856	3032	3038	3050	rVB5	143063	420132	3.42%	0.471%
95	21.133	3078	3085	3090	rBV3	1774172	3201086	26.05%	3.589%
96	21.174	3090	3092	3104	rVB	484176	648218	5.28%	0.727%
97	21.309	3111	3115	3119	rBV2	89639	122131	0.99%	0.137%
98	23.044	3405	3410	3416	rBV2	150850	378614	3.08%	0.424%
99	23.721	3518	3525	3532	rBV	1150157	2507175	20.41%	2.811%
100	23.915	3550	3558	3576	rVB	906917	2223374	18.10%	2.492%

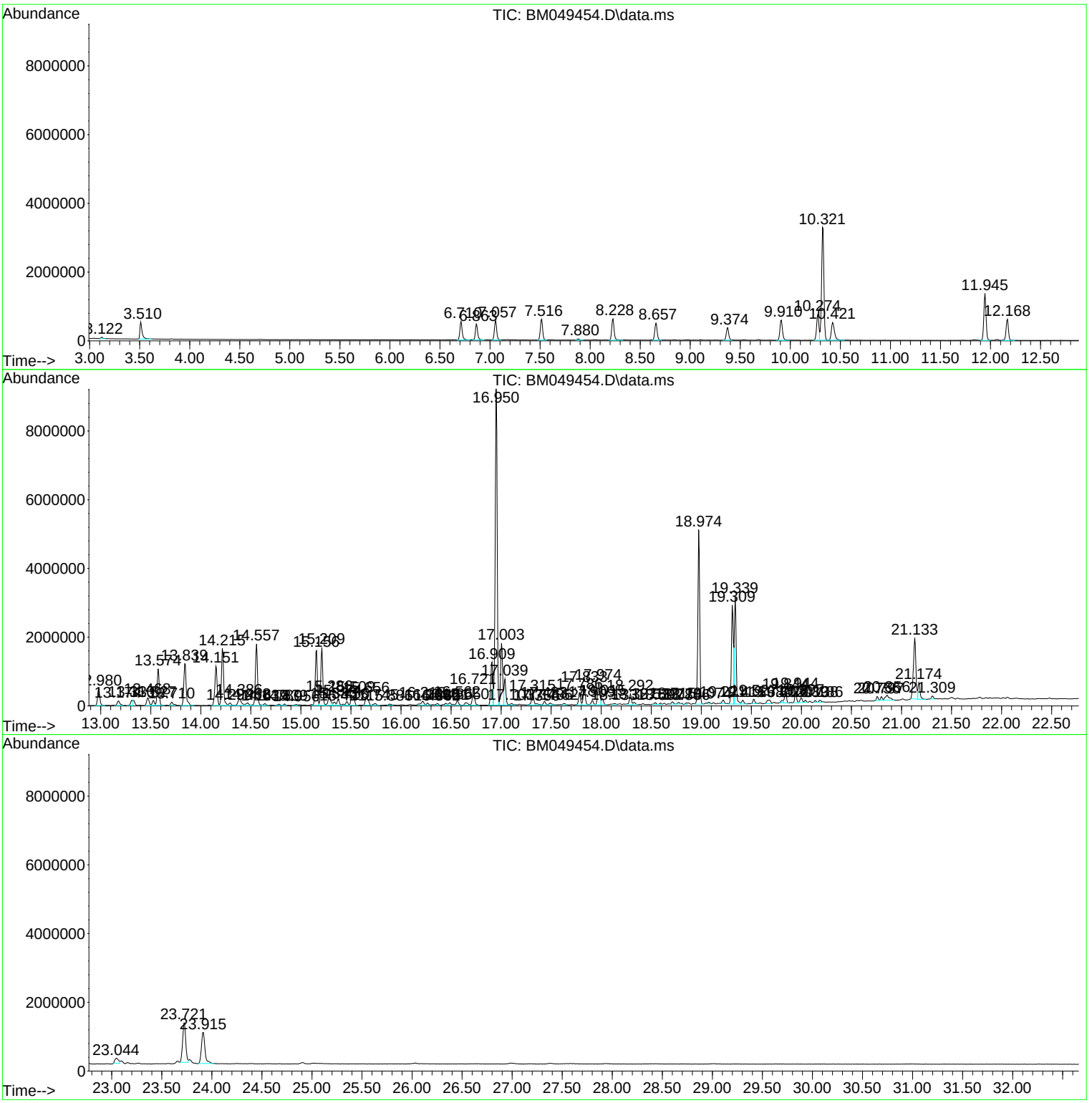
Sum of corrected areas: 89202992

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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 : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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

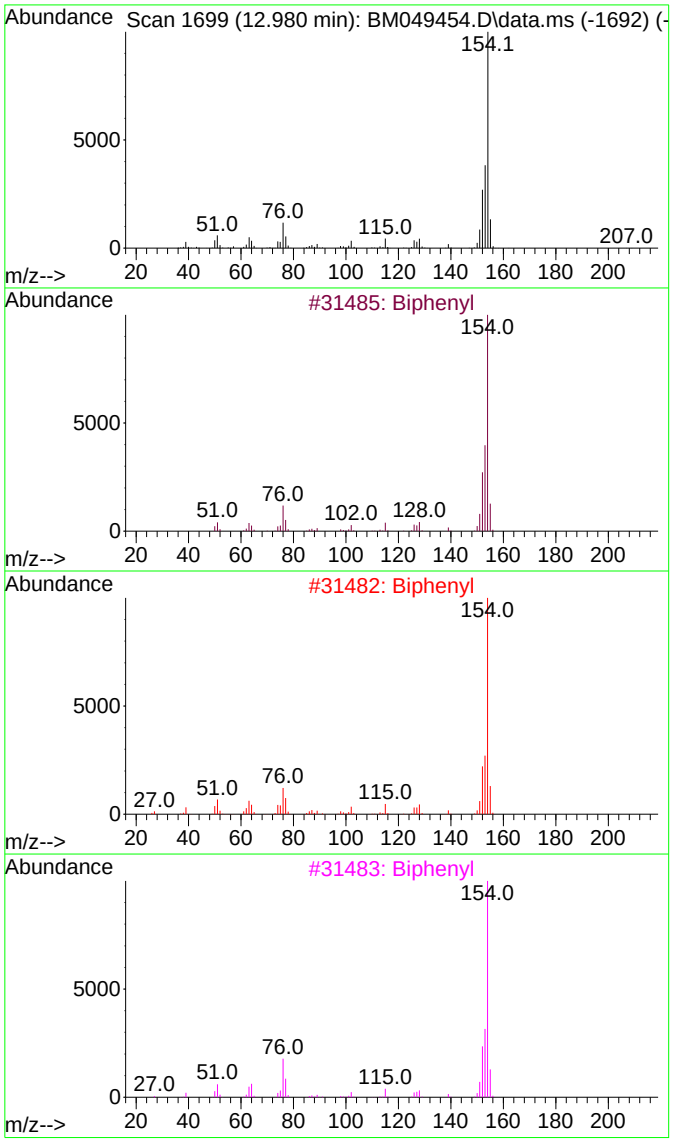
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

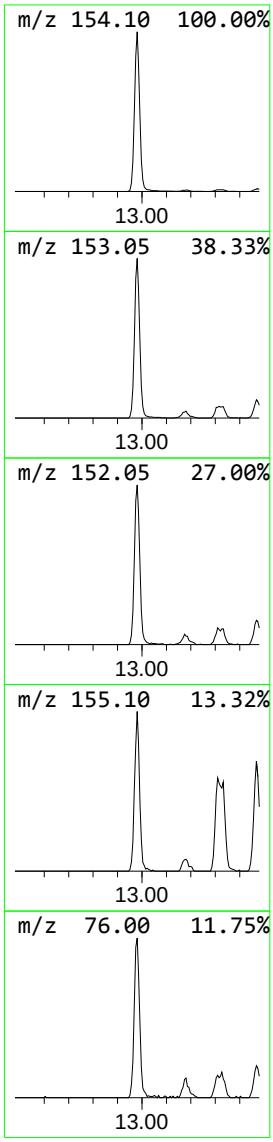
****

Peak Number 1 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	8.21 ng/ul	748653	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	91
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

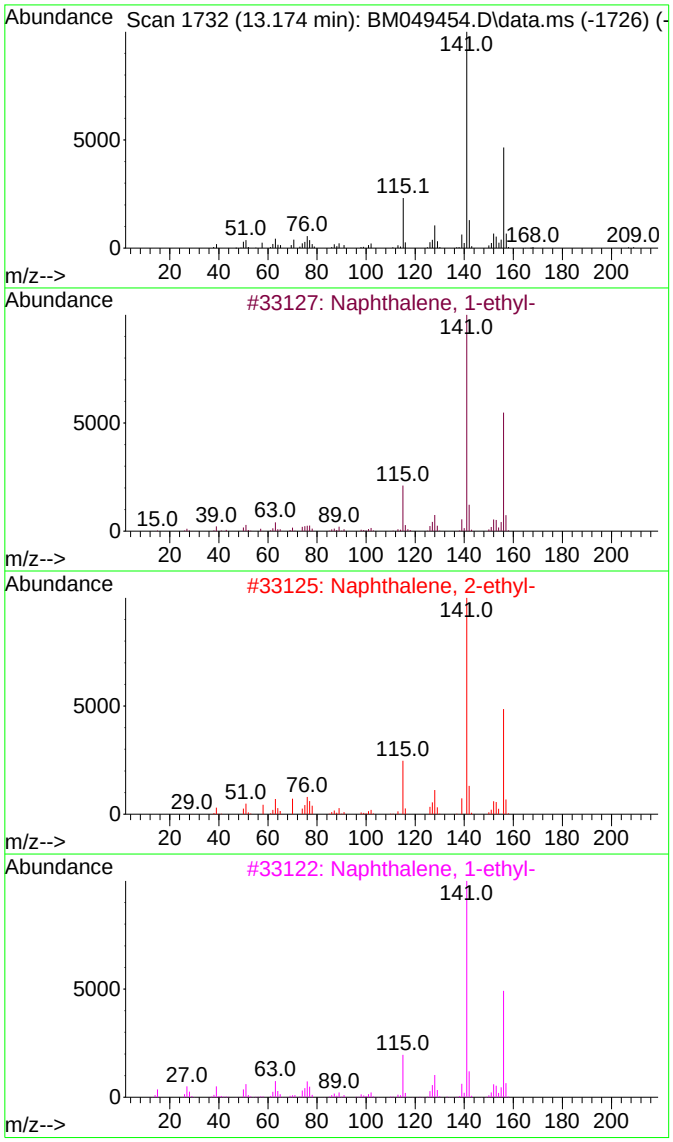
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

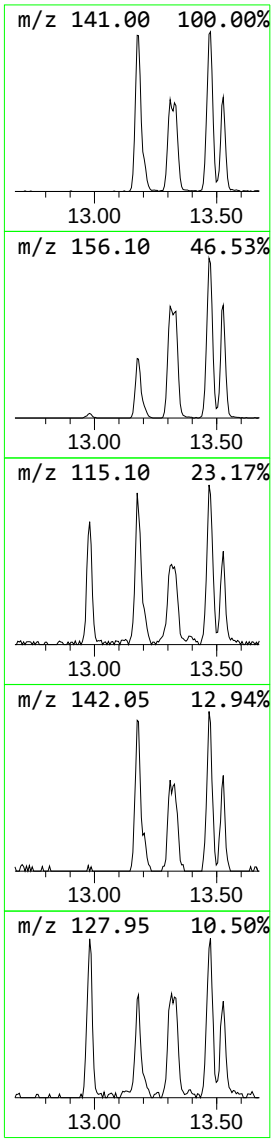
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.75 ng/ul	250586	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

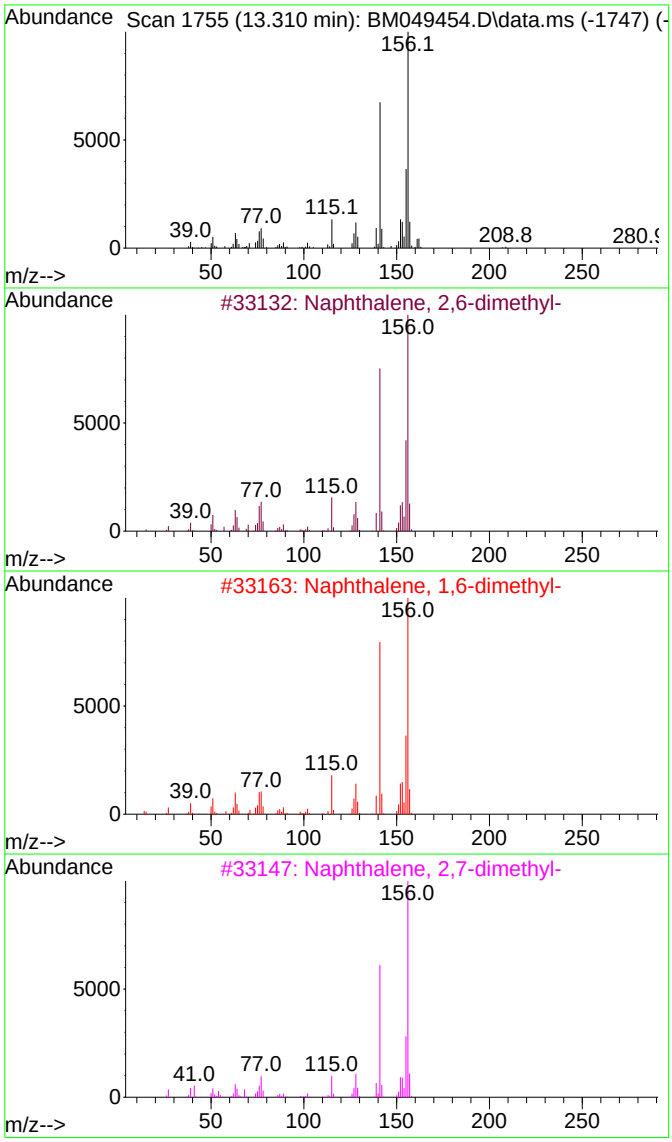
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

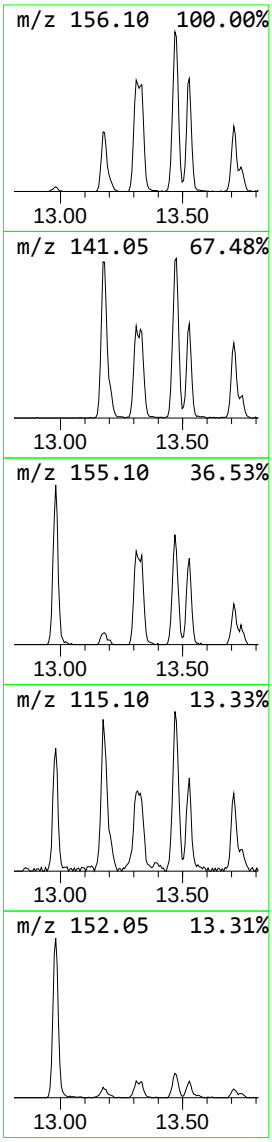
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.60 ng/ul	237400	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

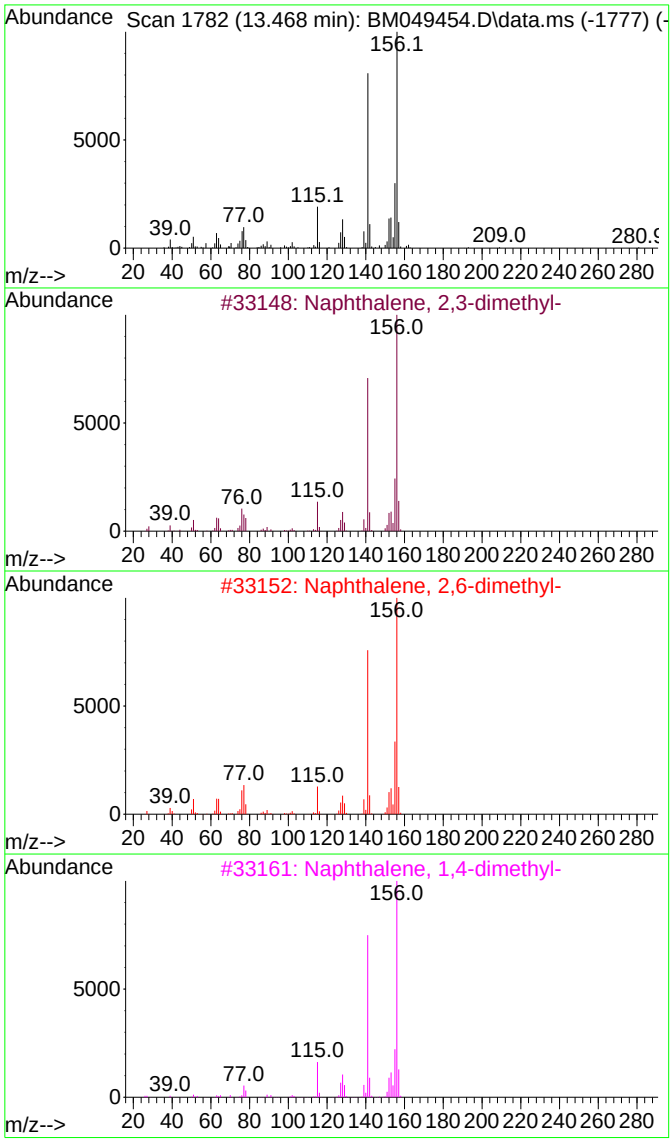
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

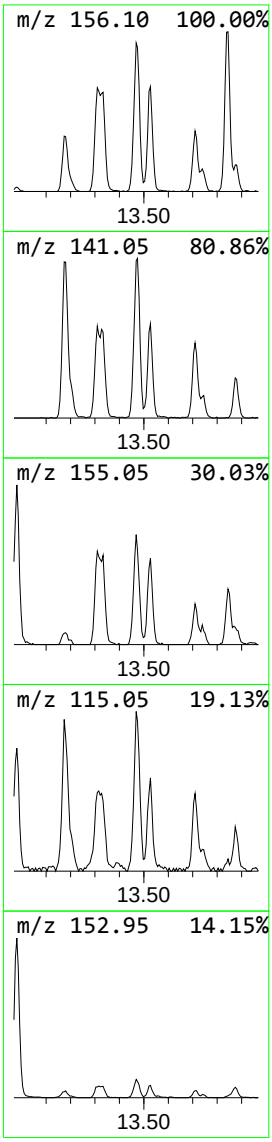
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.468	4.12 ng/ul	375874	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

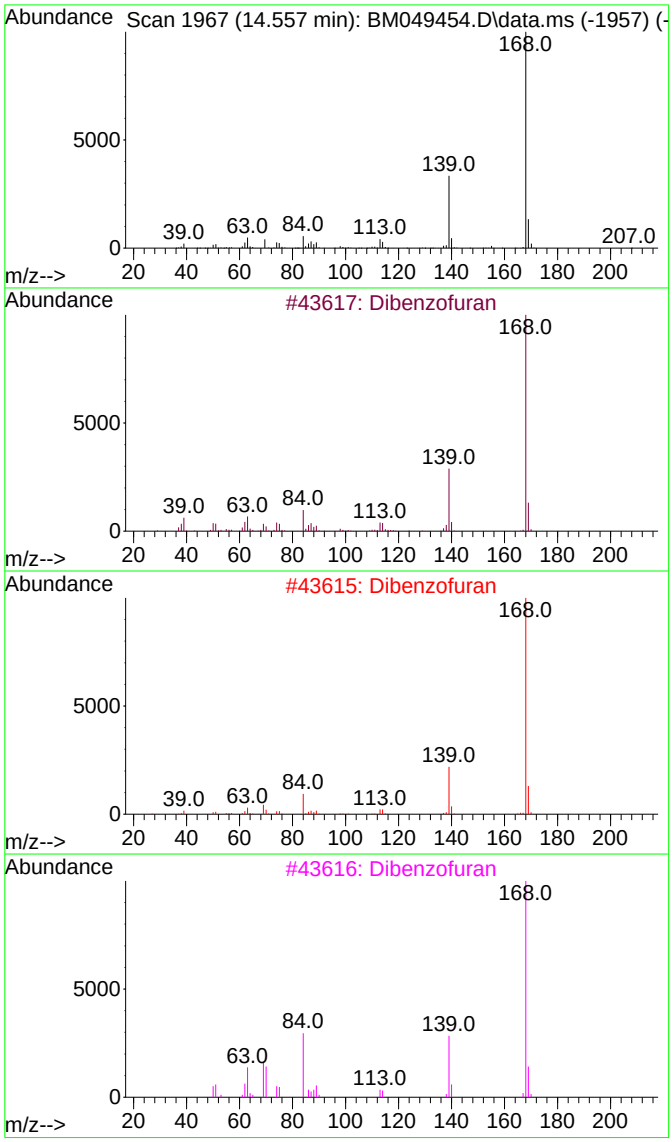
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

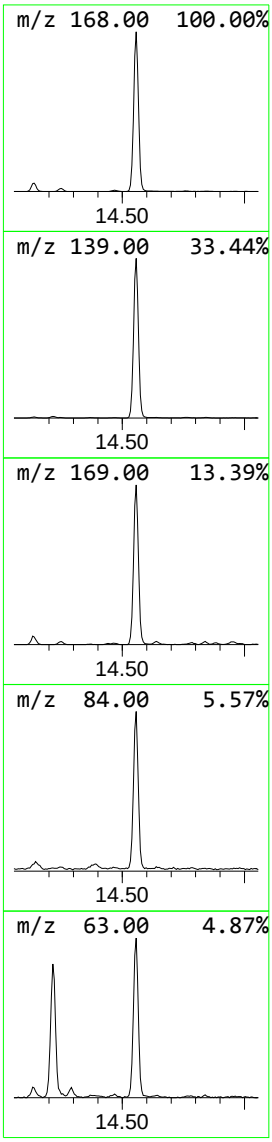
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	28.40 ng/ul	2590170	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	59
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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Quant Title : SVOA CALIBRATION

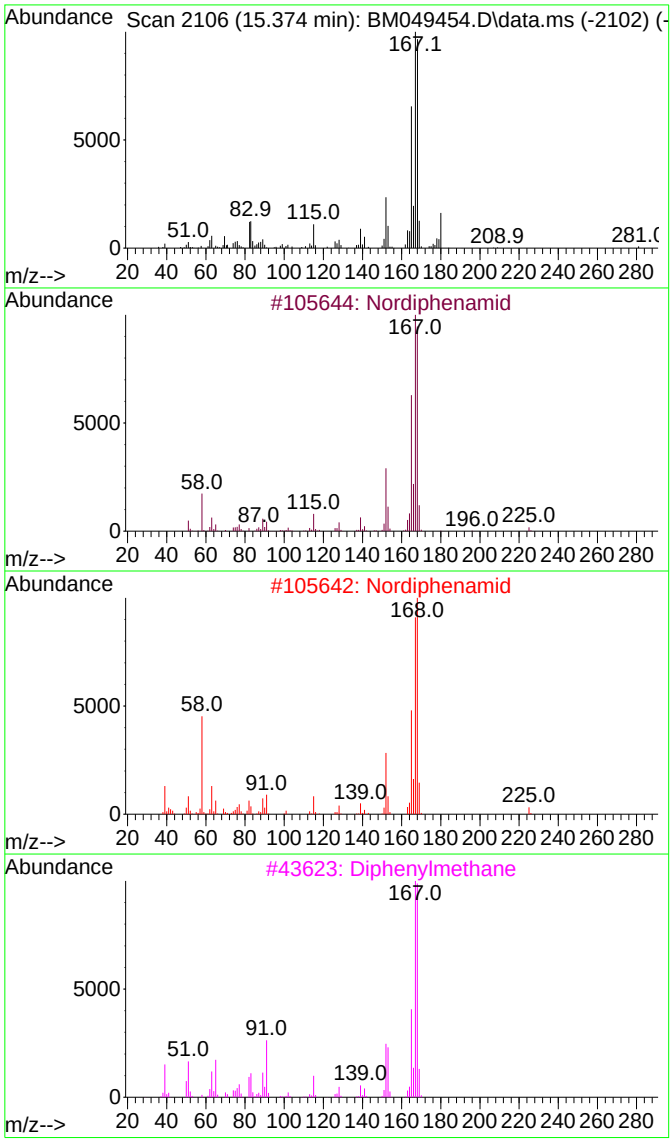
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

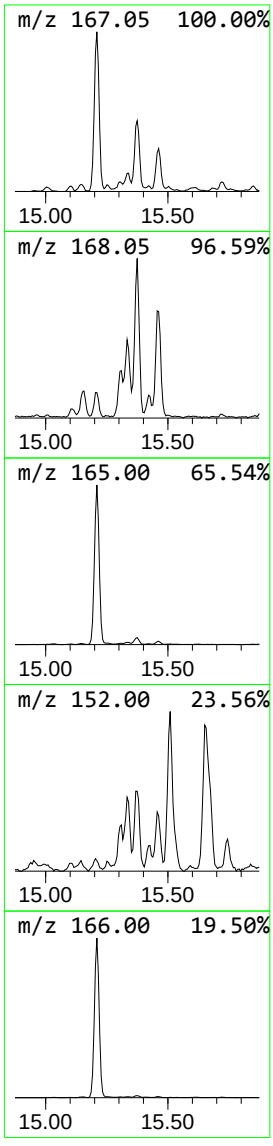
****

Peak Number 6 Nordiphenamid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	3.08 ng/ul	281151	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Nordiphenamid	225	C15H15NO	000954-21-2	86
3	Diphenylmethane	168	C13H12	000101-81-5	70
4	Diphenylmethane	168	C13H12	000101-81-5	64
5	2,2-Diphenyl-N-(4-pyridinyl)acet...	288	C19H16N2O	073110-31-3	64





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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

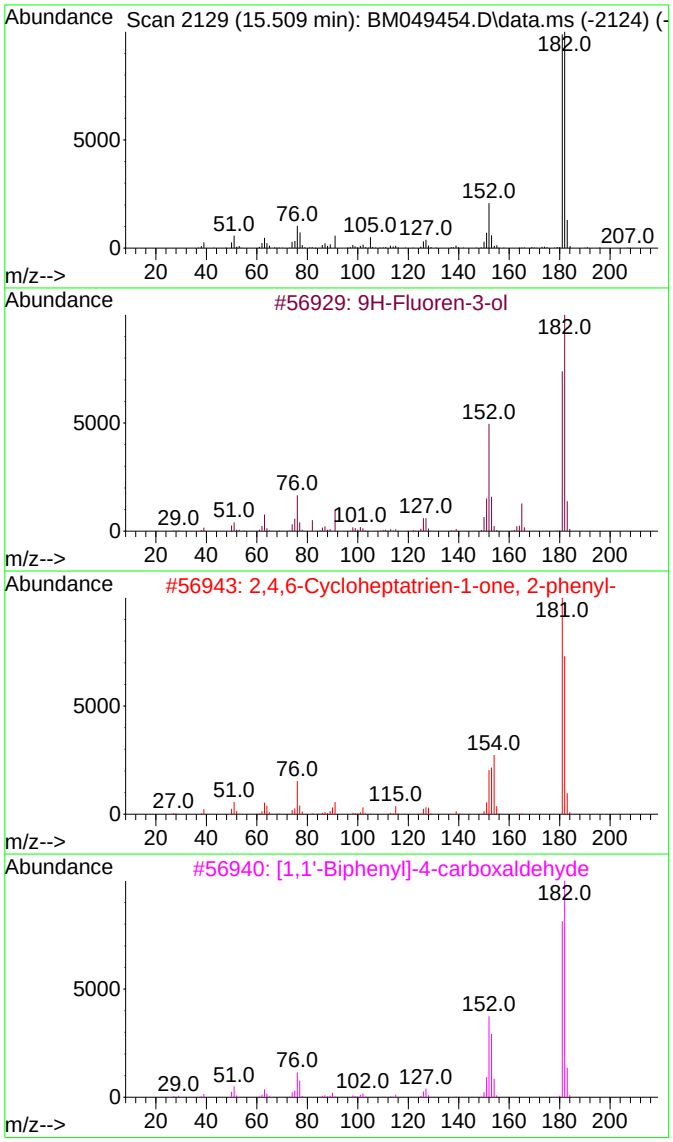
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

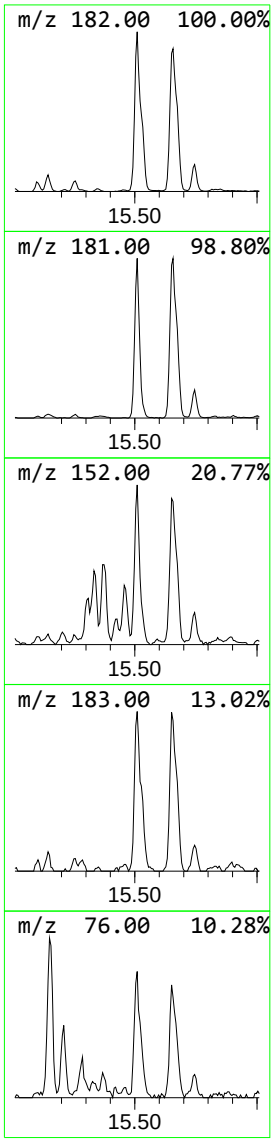
****

Peak Number 7 9H-Fluoren-3-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.509	6.97 ng/ul	635513	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

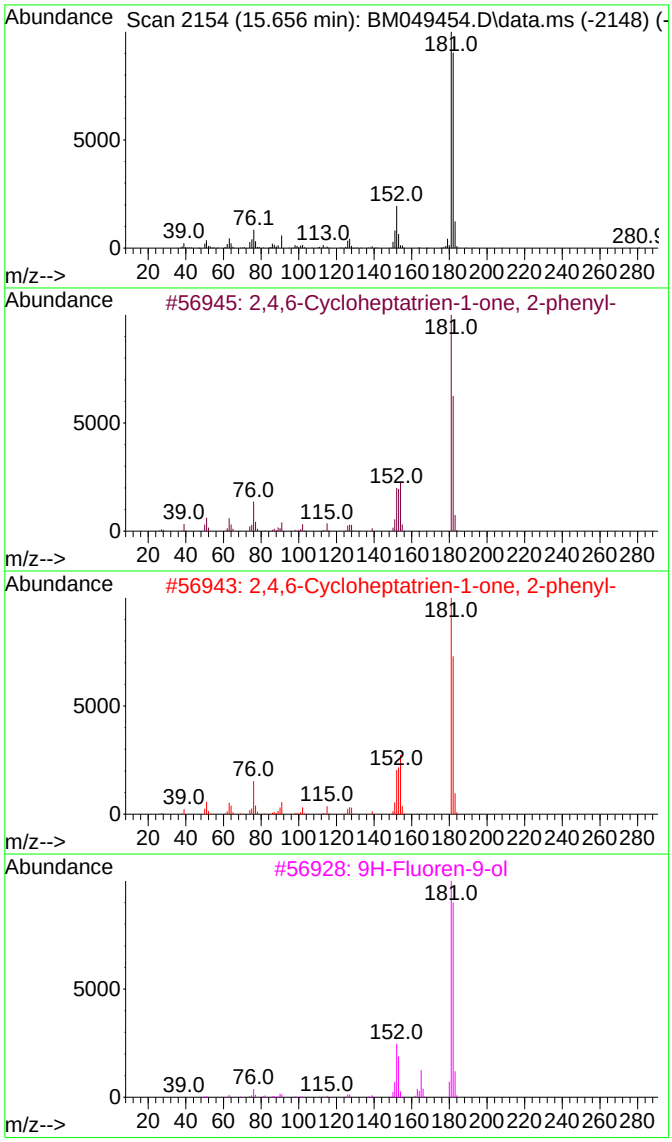
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

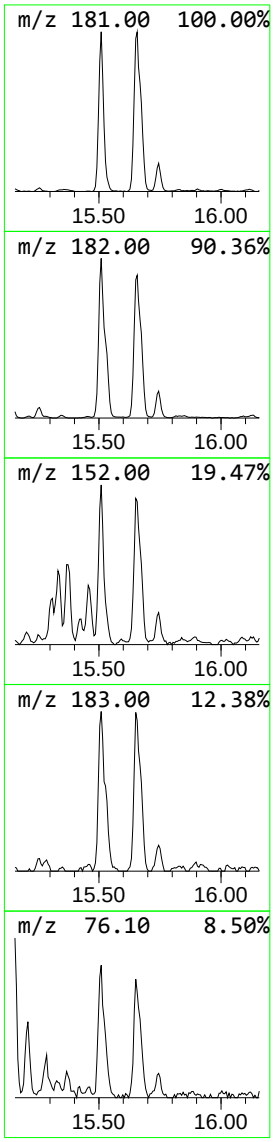
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.656	5.97 ng/ul	525284	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





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Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

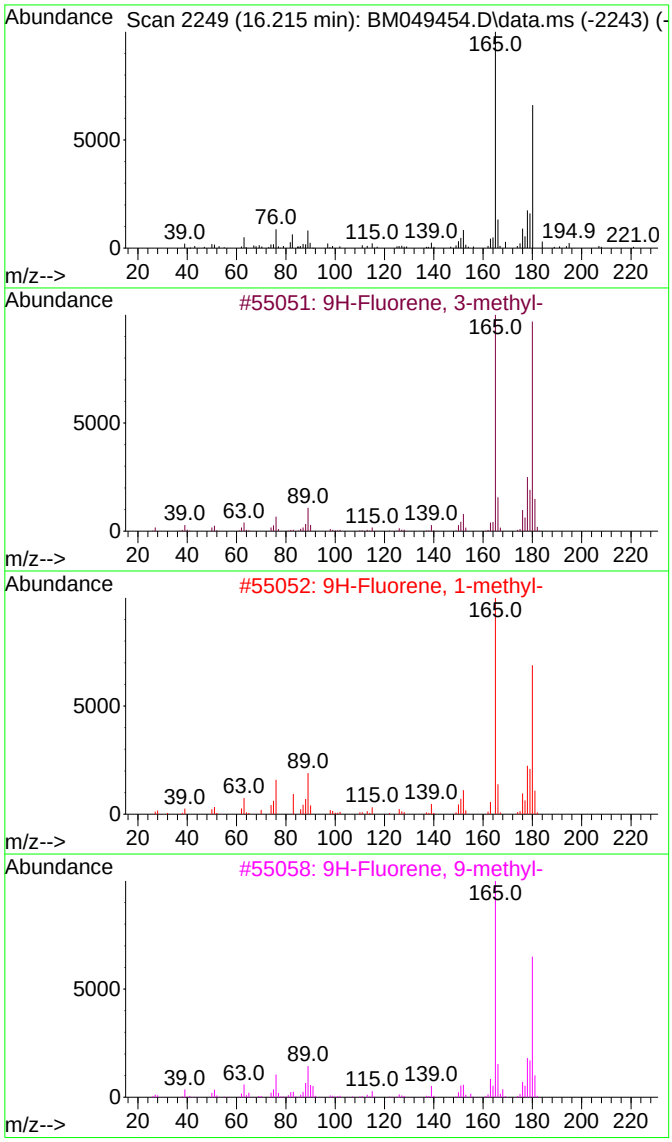
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

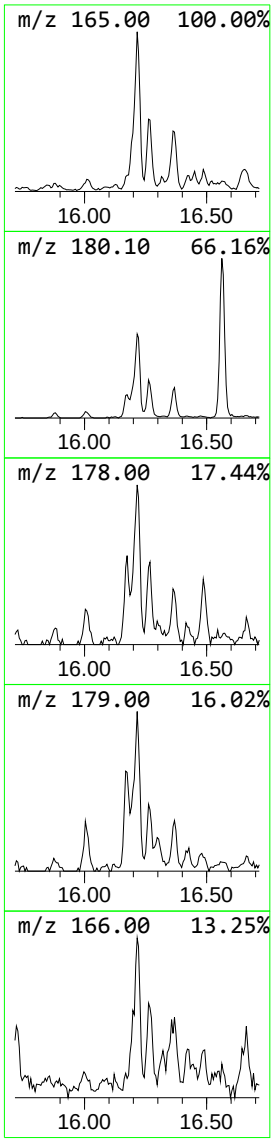
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.215	2.85 ng/ul	251016	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

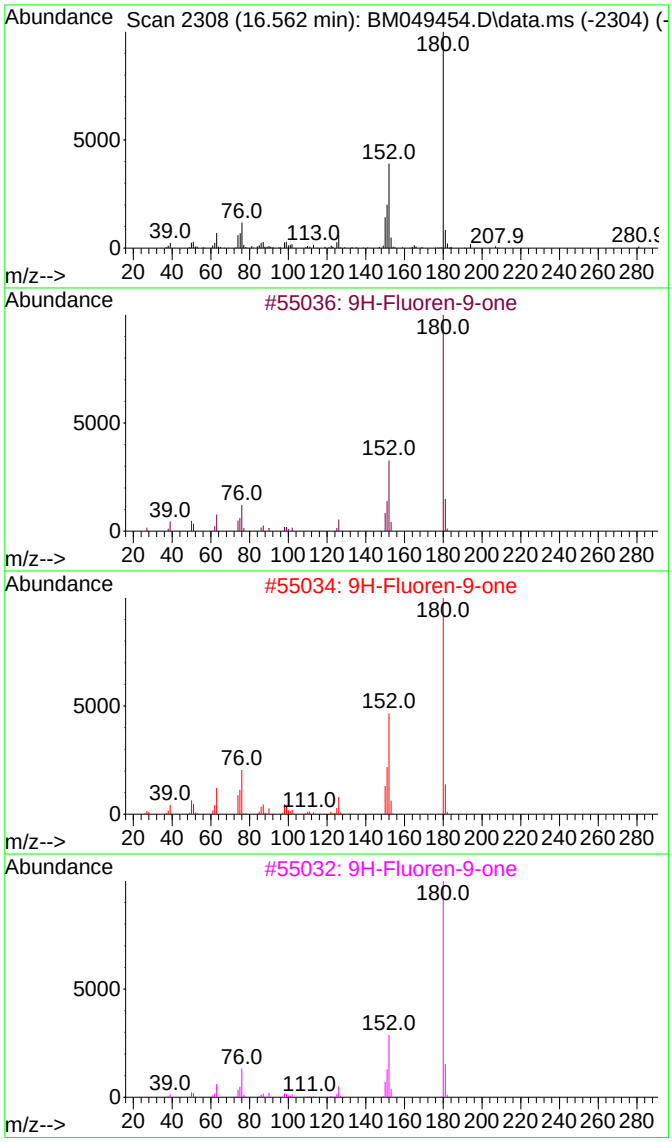
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

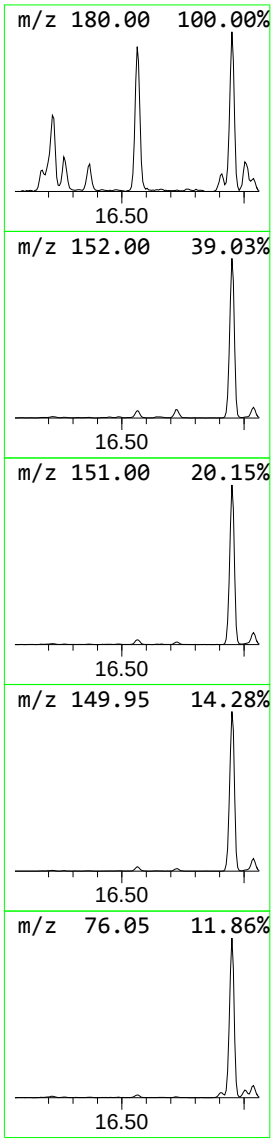
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.562	2.48 ng/ul	217904	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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

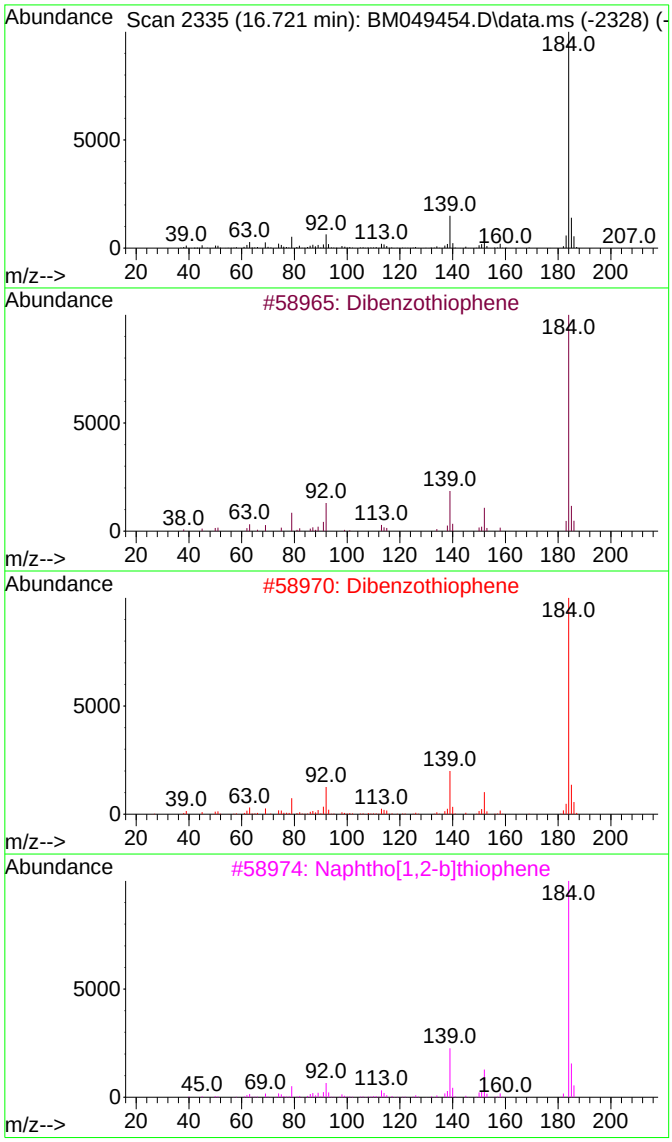
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

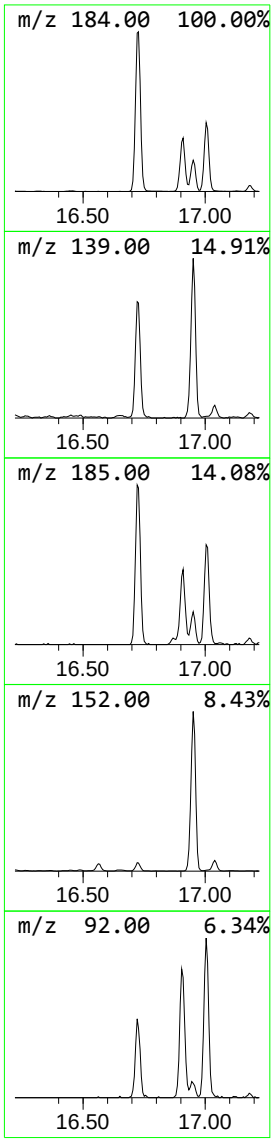
****

Peak Number 11 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	9.19 ng/ul	809008	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

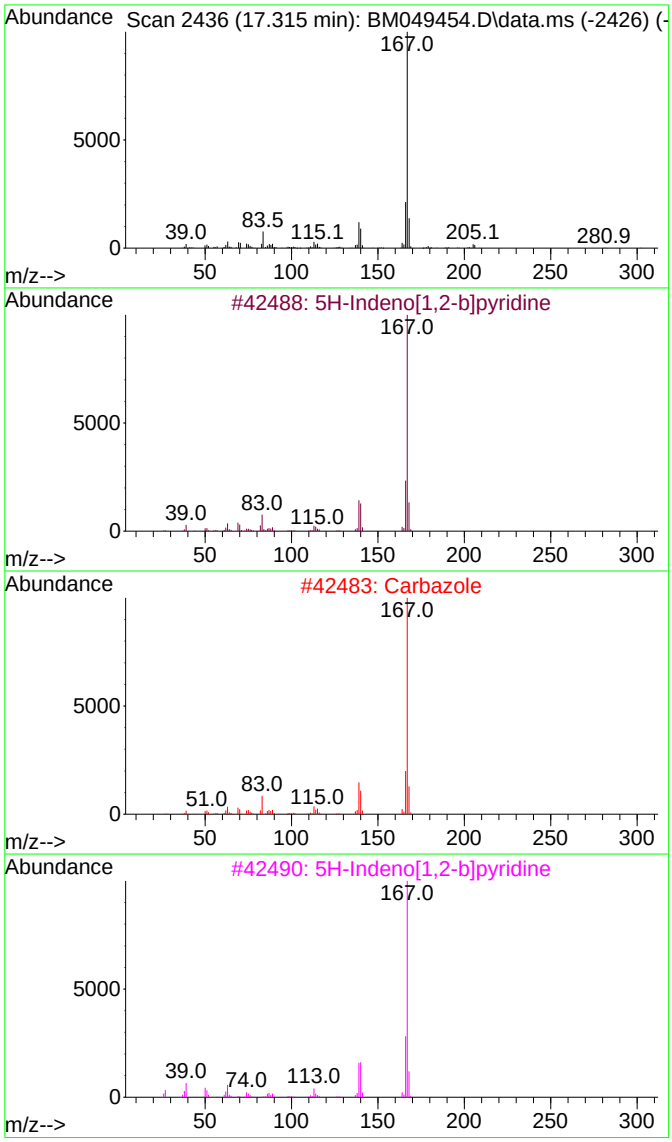
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

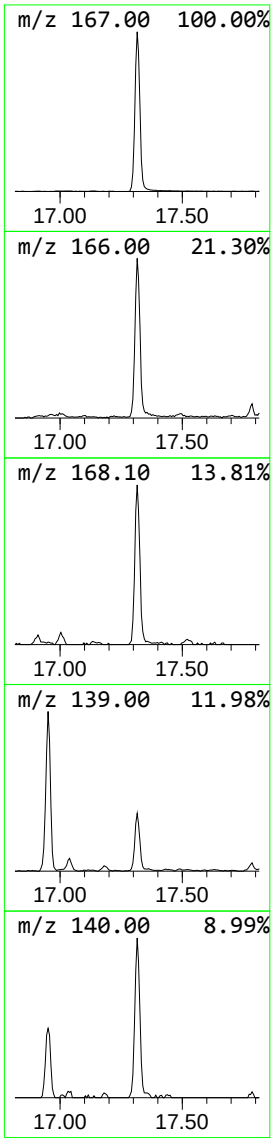
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5H-Indeno[1,2-b]pyridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	5.88 ng/ul	517497	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH4ME

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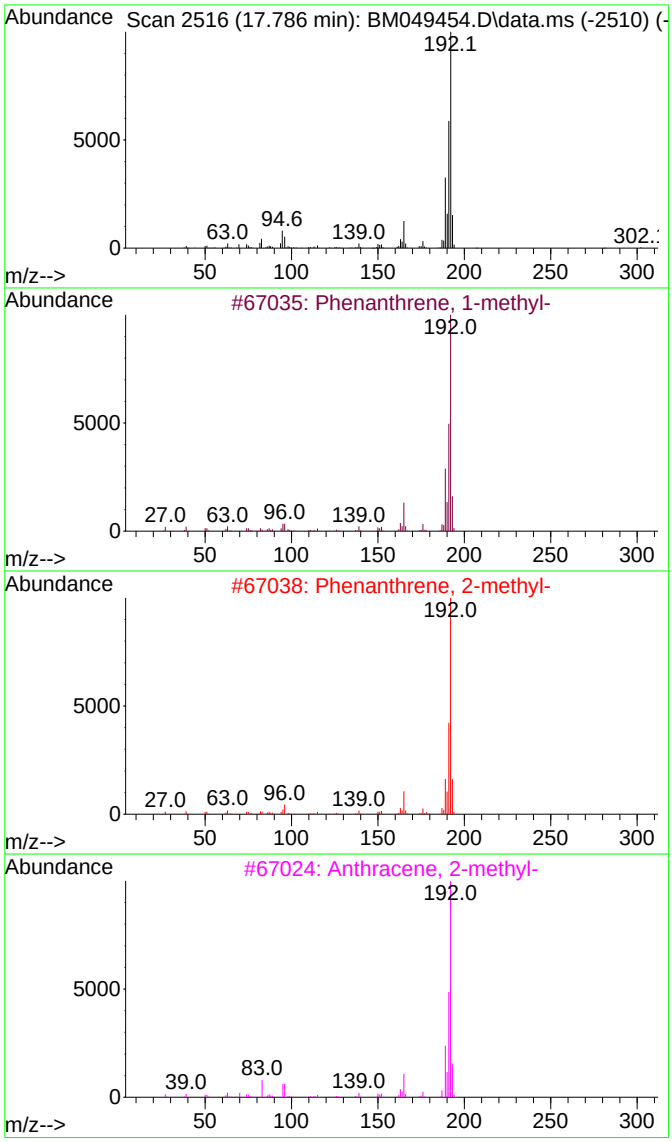
Quant Title : SVOA CALIBRATION

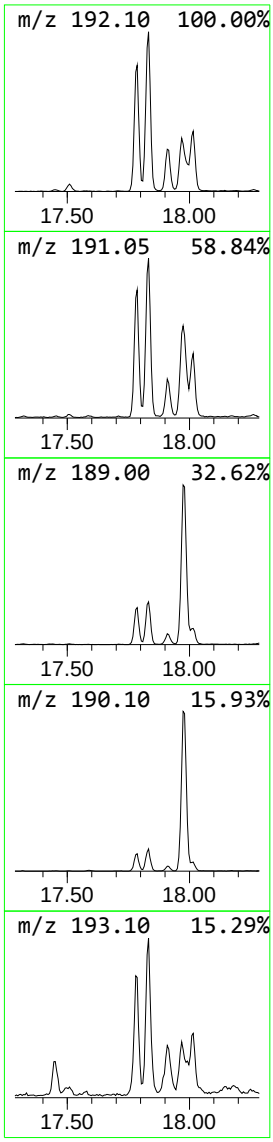
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	5.57 ng/ul	490718	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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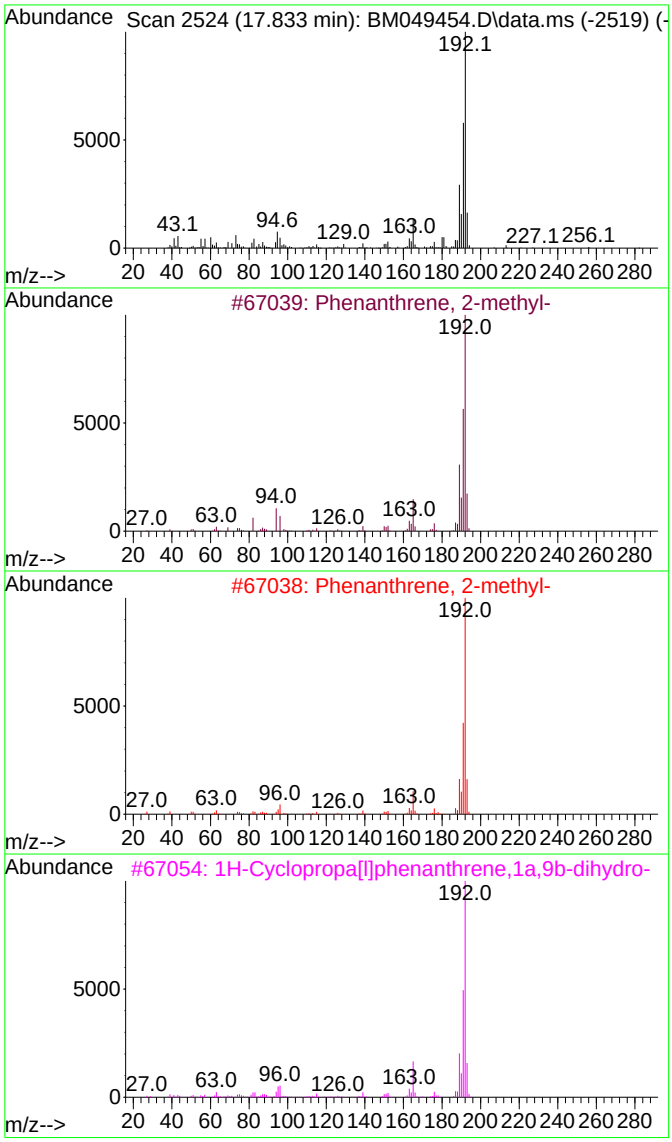
Quant Title : SVOA CALIBRATION

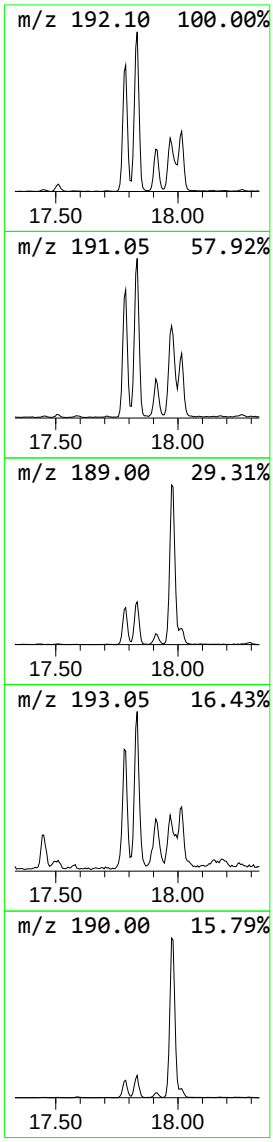
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	9.05 ng/ul	796843	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

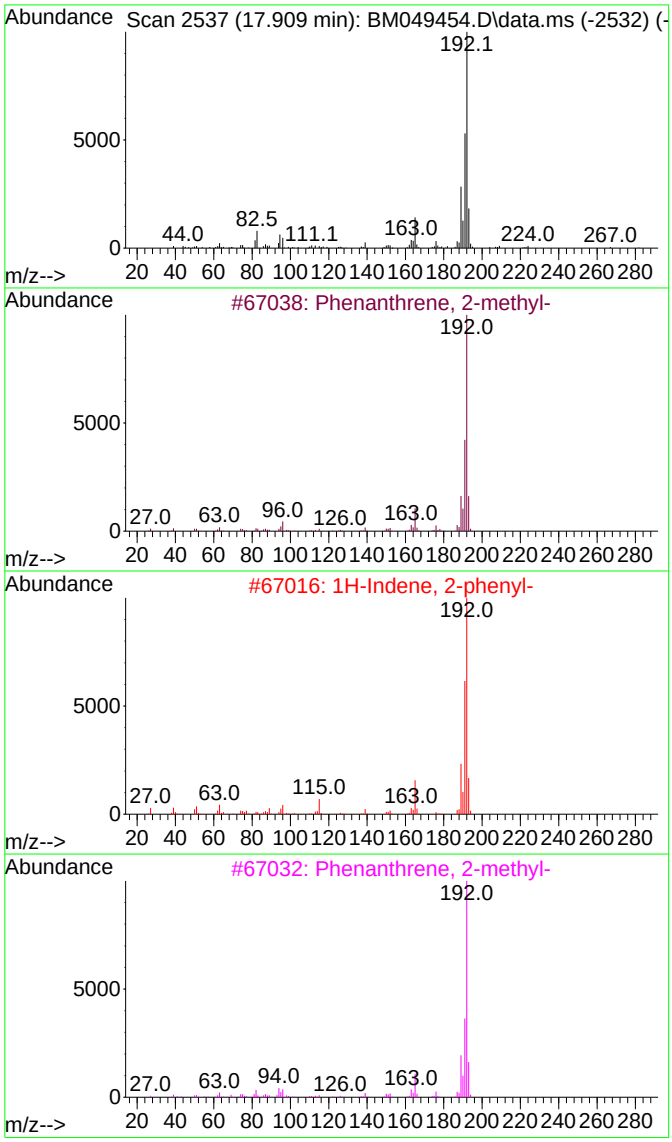
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

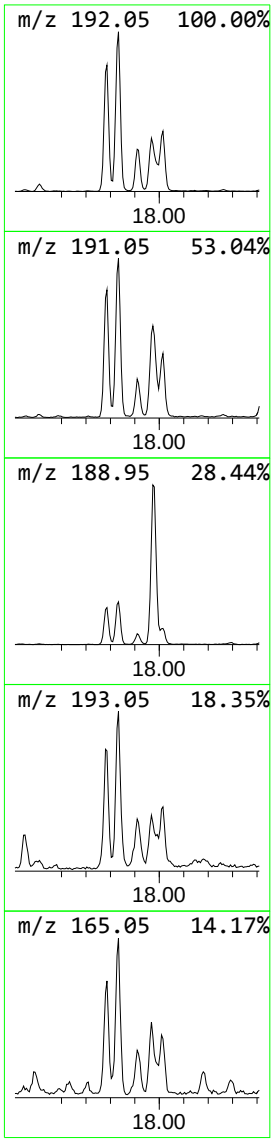
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.909	2.19 ng/ul	193097	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH4ME

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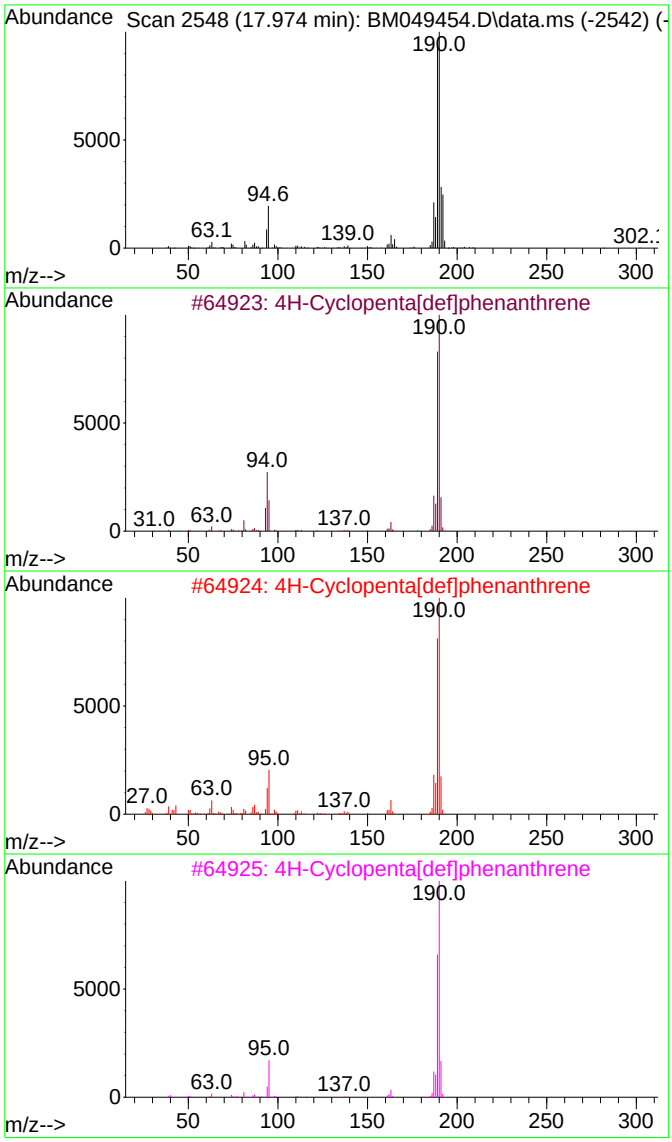
Quant Title : SVOA CALIBRATION

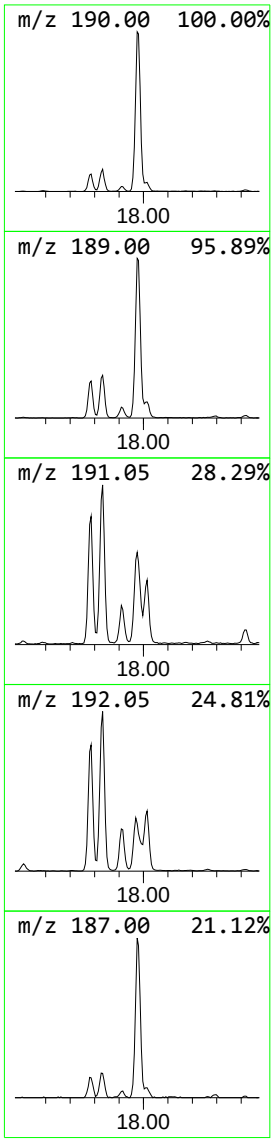
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	11.47 ng/ul	1009370	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

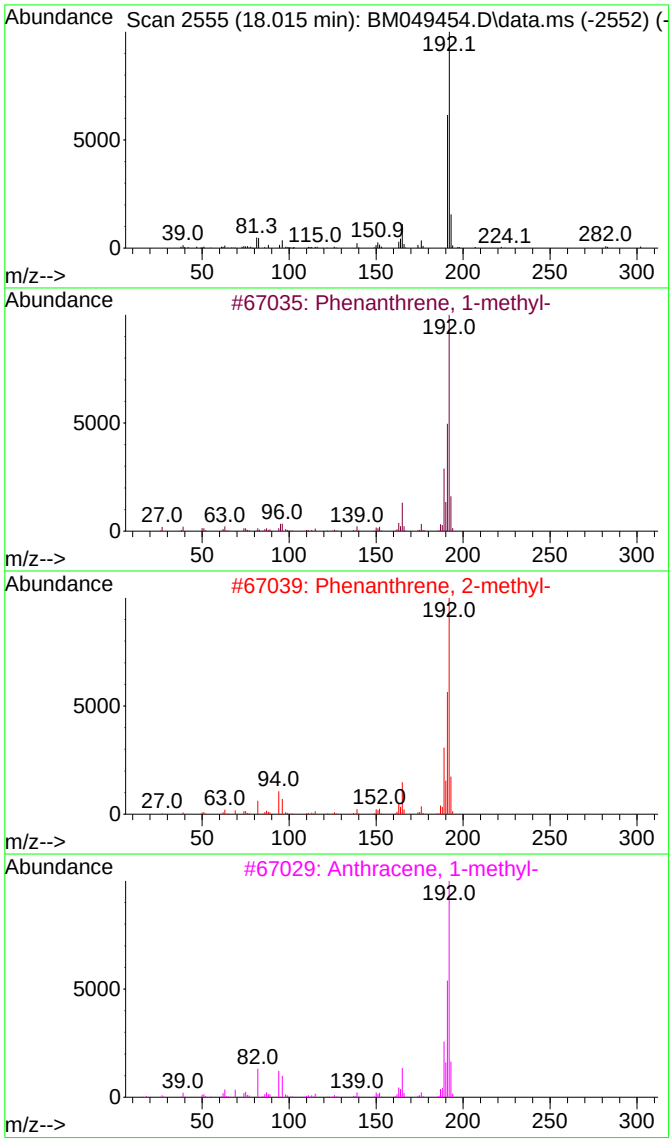
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

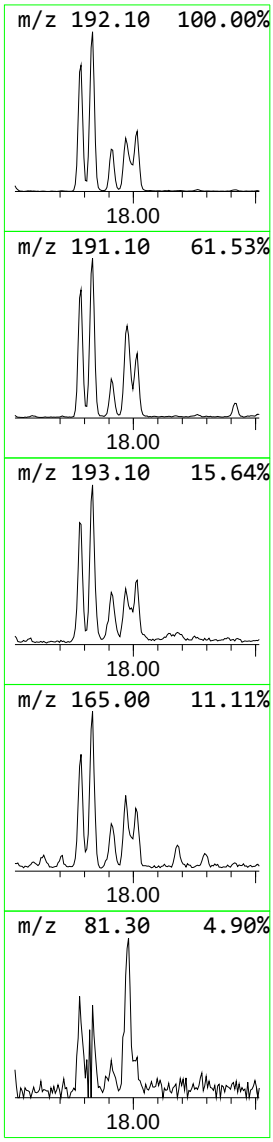
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	2.70 ng/ul	237776	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

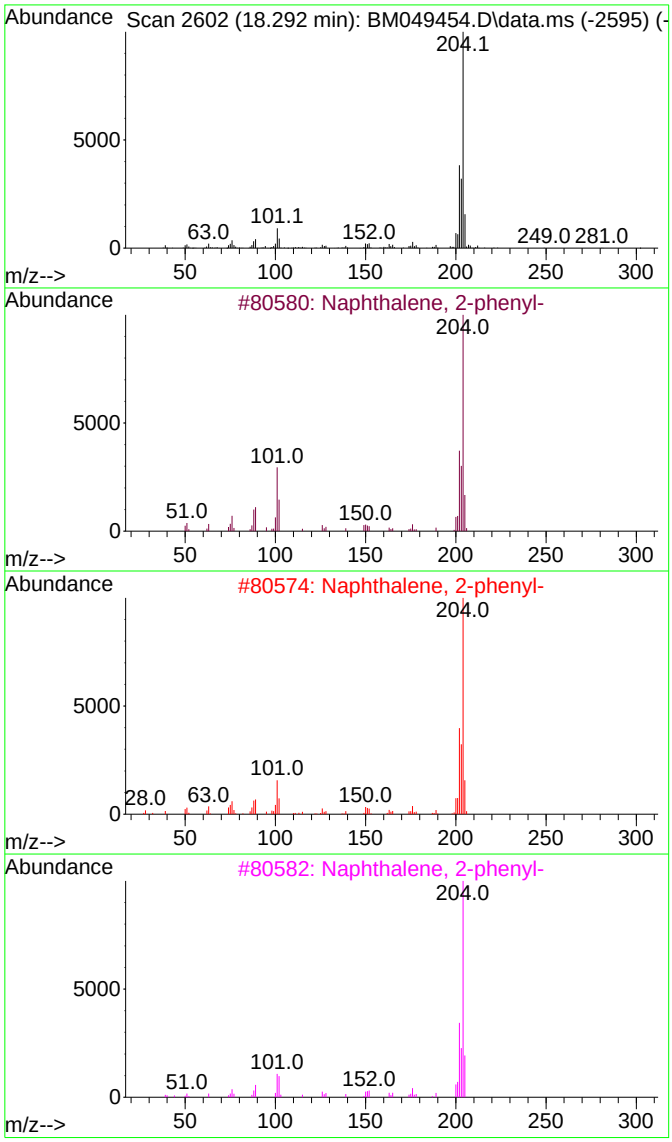
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

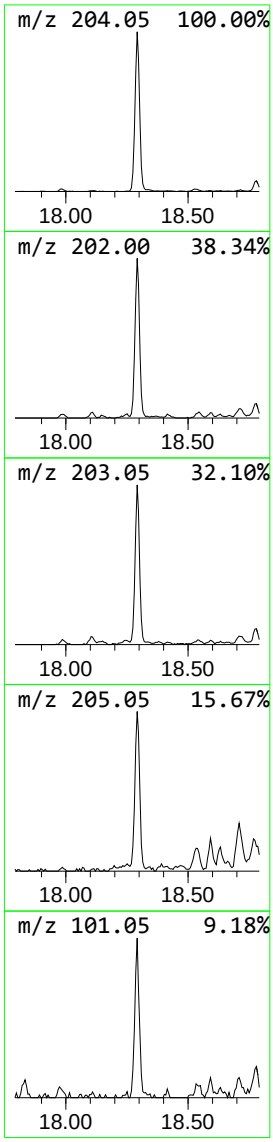
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	5.12 ng/ul	450590	Phenanthrene-d10	16.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

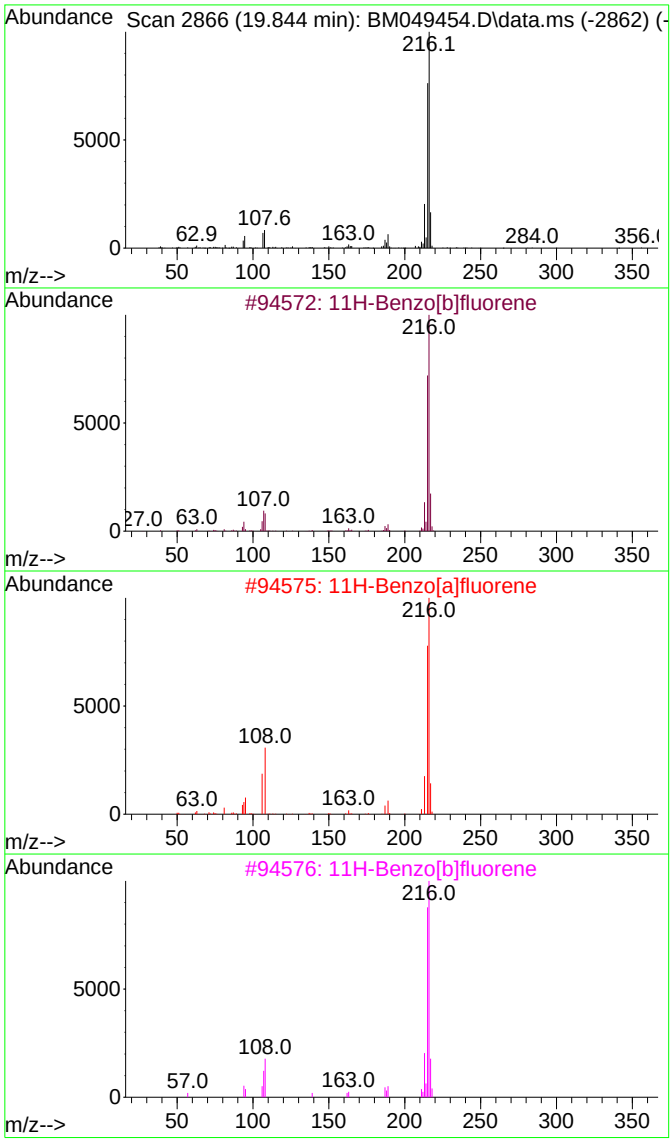
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

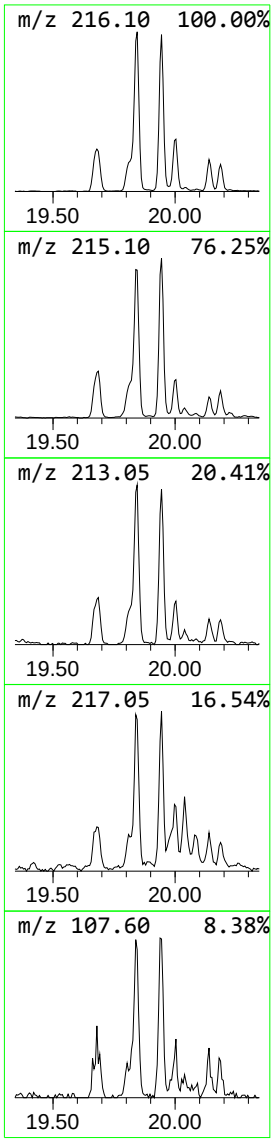
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.844	2.65 ng/ul	424702	Chrysene-d12	21.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

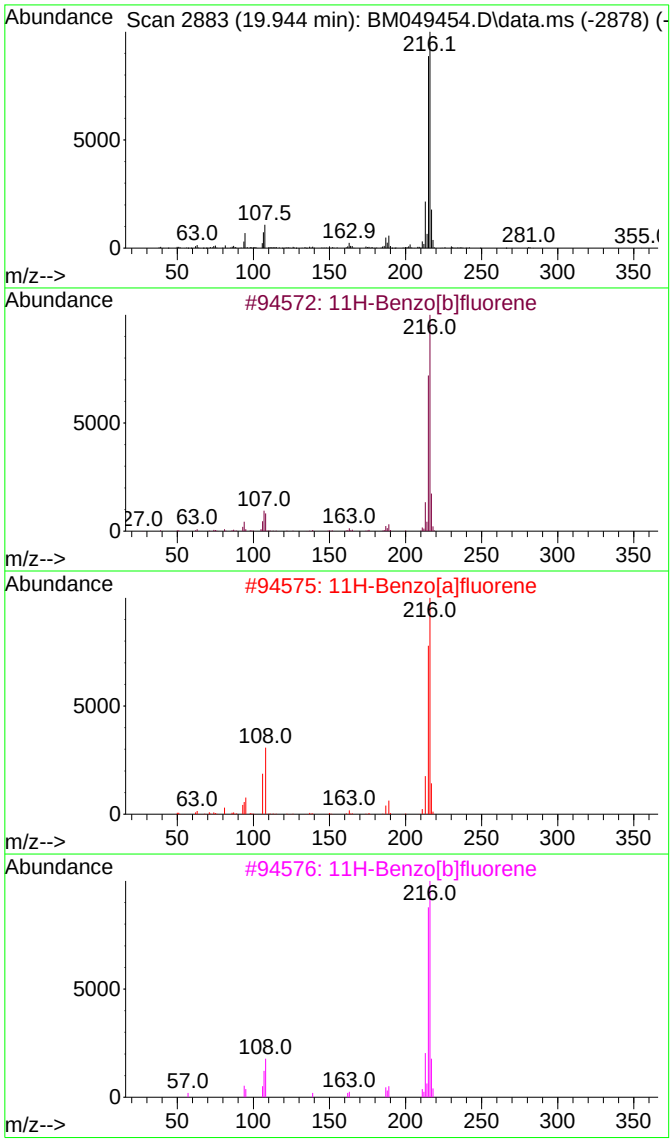
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

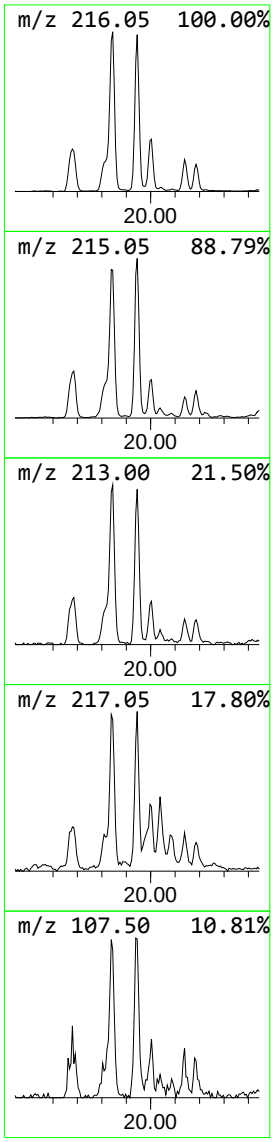
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.944	2.58 ng/ul	412227	Chrysene-d12	21.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049454.D
Acq On : 27 Jan 2025 18:42
Operator : RC/JU
Sample : Q1139-07ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH4ME

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
Biphenyl	12.980	8.2	ng/ul	748653	3	14.151	1823740	20.0
Naphthalene, 1-...	13.174	2.8	ng/ul	250586	3	14.151	1823740	20.0
Naphthalene, 2,...	13.310	2.6	ng/ul	237400	3	14.151	1823740	20.0
Naphthalene, 2,...	13.468	4.1	ng/ul	375874	3	14.151	1823740	20.0
Dibenzo furan	14.557	28.4	ng/ul	2590170	3	14.151	1823740	20.0
Nordiphenamid	15.374	3.1	ng/ul	281151	3	14.151	1823740	20.0
9H-Fluoren-3-ol	15.509	7.0	ng/ul	635513	3	14.151	1823740	20.0
2,4,6-Cyclohept...	15.656	6.0	ng/ul	525284	4	16.909	1760730	20.0
9H-Fluorene, 3-...	16.215	2.9	ng/ul	251016	4	16.909	1760730	20.0
9H-Fluoren-9-one	16.562	2.5	ng/ul	217904	4	16.909	1760730	20.0
Dibenzothiophene	16.721	9.2	ng/ul	809008	4	16.909	1760730	20.0
5H-Indeno[1,2-b...	17.315	5.9	ng/ul	517497	4	16.909	1760730	20.0
Phenanthrene, 1...	17.786	5.6	ng/ul	490718	4	16.909	1760730	20.0
Phenanthrene, 2...	17.833	9.1	ng/ul	796843	4	16.909	1760730	20.0
1H-Indene, 2-ph...	17.909	2.2	ng/ul	193097	4	16.909	1760730	20.0
4H-Cyclopenta[d...	17.974	11.5	ng/ul	1009370	4	16.909	1760730	20.0
Anthracene, 1-m...	18.015	2.7	ng/ul	237776	4	16.909	1760730	20.0
Naphthalene, 2-...	18.292	5.1	ng/ul	450590	4	16.909	1760730	20.0
11H-Benzo[b]flu...	19.844	2.6	ng/ul	424702	5	21.133	3201090	20.0
11H-Benzo[a]flu...	19.944	2.6	ng/ul	412227	5	21.133	3201090	20.0