LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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: BM049383.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	86	89	101	rBV	552421	789815	4.84%	0.682%
2	5.010	340	344	353	rBV	72718	132772	0.81%	0.115%
3	6.710	627	633	647	rVB	558733	903532	5.54%	0.780%
4	6.869	654	660	668	rBV	502472	742854	4.56%	0.641%
5	7.057	686	692	703	rBV	564945	879107	5.39%	0.759%
6	7.522	764	771	779	rBV	918765	1438435	8.82%	1.242%
7	8.228	885	891	902	rBV	613646	1001423	6.14%	0.864%
8	8.663	958	965	976	rVB	498306	810109	4.97%	0.699%
9	9.375	1076	1086	1097	rBV	369087	658877	4.04%	0.569%
10	9.910	1169	1177	1190	rBV	612931	1038382	6.37%	0.896%
11	10.281	1233	1240	1244	rBV	1176919	1898767	11.65%	1.639%
12	10.328	1244	1248	1257	rVB	2050901	3231921	19.82%	2.790%
13	10.428	1257	1265	1282	rBV2	462004	1080580	6.63%	0.933%
14	11.951	1517	1524	1532	rBV	295092	464981	2.85%	0.401%
15	12.086	1539	1547	1552	rBV2	106155	203829	1.25%	0.176%
16	12.175	1552	1562	1572	rVB	625384	1035266	6.35%	0.894%
17	12.986	1693	1700	1711	rBV	585900	877125	5.38%	0.757%
18	13.180	1727	1733	1744	rVB	154970	301073	1.85%	0.260%
19	13.316	1749	1756	1757	rBV	178949	239192	1.47%	0.206%
20	13.474	1775	1783	1788	rBV	278298	495550	3.04%	0.428%
21	13.533	1788	1793	1796	rVV	154823	239470	1.47%	0.207%
22	13.580	1796	1801	1813	rVB	1141004	1480830	9.08%	1.278%
23	13.716	1819	1824	1828	rBV	129743	206278	1.27%	0.178%
24	13.845	1840	1846	1859	rBV	1208938	1883493	11.55%	1.626%
25	14.157	1891	1899	1905	rVV	1727123	2679617	16.44%	2.313%
26	14.221	1905	1910	1919	rVV	3759813	5298330	32.50%	4.573%
27	14.292	1919	1922	1930	rVV	94138	147177	0.90%	0.127%
28	14.386	1930	1938	1945	rVV2	234061	511573	3.14%	0.442%
29	14.474	1945	1953	1958	rVV2	139010	282143	1.73%	0.244%
30	14.563	1958	1968	1976	rVV	2374518	3528233	21.64%	3.045%
31	14.645	1977	1982	1990	rVV	70034	132274	0.81%	0.114%
32	14.786	1998	2006	2011	rVV4	52960	115865	0.71%	0.100%
33	14.839	2011	2015	2019	rVV2	64281	88833	0.54%	0.077%
34	15.104	2054	2060	2064	rBV5	50662	95718	0.59%	0.083%
35	15.157	2064	2069	2074	rVV	1591112	2259521	13.86%	1.950%
36	15.216	2074	2079	2084	rVV	4151196	5518100	33.85%	4.763%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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	2084	2091	2097	rVV3	313607	636320	3.90%	0.549%
38	15.339	2097	2100	2103	rVV	185102	270501	1.66%	0.233%
39	15.374	2103	2106	2112	rVV	341775	502908	3.08%	0.434%
40	15.427	2112	2115	2117	rVV2	71036	97948	0.60%	0.085%
41	15.463	2117	2121	2125	rVV	213859	320089	1.96%	0.276%
42	15.533	2125	2133	2139	rVB2	531547	1163883	7.14%	1.005%
43	15.657	2149	2154	2162	rVB	366870	716787	4.40%	0.619%
44	15.727	2162	2166	2168	rBV	70610	108072	0.66%	0.093%
45	15.886	2189	2193	2199	rBV4	59280	96753	0.59%	0.084%
46	16.010	2208	2214	2221	rBV	135389	209845	1.29%	0.181%
47	16.221	2244	2250	2255	rVB2	187118	325498	2.00%	0.281%
48	16.268	2255	2258	2263	rVB2	100940	133580	0.82%	0.115%
49	16.368	2269	2275	2280	rVB3	92926	168729	1.03%	0.146%
50	16.492	2292	2296	2300	rVV2	82303	119817	0.73%	0.103%
51	16.663	2317	2325	2329	rBV3	117614	270750	1.66%	0.234%
52	16.727	2329	2336	2348	rVB	780334	1147428	7.04%	0.990%
53	16.910	2361	2367	2370	rVV	1926122	2724970	16.71%	2.352%
54	16.957	2370	2375	2380	rVV	11940447	16303611	100.00%	14.072%
55	17.010	2380	2384	2387	rVV	1832454	2643367	16.21%	2.282%
56	17.045	2387	2390	2396	rVV	2742338	3380577	20.74%	2.918%
57	17.110	2396	2401	2410	rVV3	105733	247327	1.52%	0.213%
58	17.186	2410	2414	2418	rVV	53229	82266	0.50%	0.071%
59	17.321	2425	2437	2451	rVV	1361622	2138046	13.11%	1.845%
60	17.439	2452	2457	2462	rVV2	131534	233235	1.43%	0.201%
61	17.492	2462	2466	2476	rVV3	81335	175780	1.08%	0.152%
62	17.633	2486	2490	2499	rVB	63069	121043	0.74%	0.104%
63	17.786	2507	2516	2520	rBV	469771	686368	4.21%	0.592%
64	17.833	2520	2524	2532	rVV	914713	1218180	7.47%	1.051%
65	17.915	2532	2538	2543	rVV	224392	334149	2.05%	0.288%
66	17.980	2543	2549	2553	rVV2	1055427	1622175	9.95%	1.400%
67	18.015	2553	2555	2564	rVB	279601	344318	2.11%	0.297%
68	18.298	2598	2603	2607	rVV	361211	482938	2.96%	0.417%
69	18.545	2641	2645	2649	rVV3	74072	98135	0.60%	0.085%
70	18.709	2664	2673	2680	rBV4	154677	370792	2.27%	0.320%
71	18.780	2680	2685	2688	rVV2	73201	128948	0.79%	0.111%
72	18.874	2693	2701	2706	rBV4	49055	107392	0.66%	0.093%
73	18.980	2713	2719	2727	rVV	6505801	8222802	50.44%	7.097%
74	19.127	2740	2744	2748	rVV3	85065	108984	0.67%	0.094%
75	19.221	2755	2760	2765	rVB2	130944	195234	1.20%	0.169%
76	19.315	2770	2776	2778	rVV2	3046460	4208160	25.81%	3.632%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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	19.345	2778	2781	2790	rVV	3877643	4985520	30.58%	4.303%
78	19.415	2790	2793	2802	rVB2	123008	207573	1.27%	0.179%
79	19.527	2808	2812	2819	rBV	162114	199194	1.22%	0.172%
80	19.668	2831	2836	2838	rBV	113452	196350	1.20%	0.169%
81	19.727	2842	2846	2850	rVV2	116603	166702	1.02%	0.144%
82	19.798	2853	2858	2862	rVV2	169218	345757	2.12%	0.298%
83	19.845	2862	2866	2871	rVB	459936	627185	3.85%	0.541%
84	19.945	2879	2883	2888	rBV	516232	650135	3.99%	0.561%
85	20.003	2888	2893	2897	rVV2	154250	251044	1.54%	0.217%
86	20.039	2897	2899	2904	rVB	78329	102174	0.63%	0.088%
87	20.186	2920	2924	2929	rBV2	70592	108049	0.66%	0.093%
88	20.380	2953	2957	2960	rBV3	52849	85272	0.52%	0.074%
89	20.762	3018	3022	3025	rBV	135452	148663	0.91%	0.128%
90	20.803	3025	3029	3032	rVV	113272	135111	0.83%	0.117%
91	20.856	3032	3038	3051	rVB4	199594	483796	2.97%	0.418%
92	21.139	3078	3086	3090	rBV2	2448420	4248686	26.06%	3.667%
93	21.180	3090	3093	3106	rVB	608715	867844	5.32%	0.749%
94	21.309	3112	3115	3120	rVB	115398	139456	0.86%	0.120%
95	23.044	3405	3410	3416	rBV	145327	352485	2.16%	0.304%
96	23.168	3427	3431	3436	rVB	97506	143211	0.88%	0.124%
97	23.409	3467	3472	3481	rBV2	212357	391105	2.40%	0.338%
98	23.727	3519	3526	3533	rBV	1058683	2161004	13.25%	1.865%
99	23.915	3551	3558	3566	rBV	1244253	2863684	17.56%	2.472%
100	25.133	3758	3765	3779	rVB2	301602	841173	5.16%	0.726%

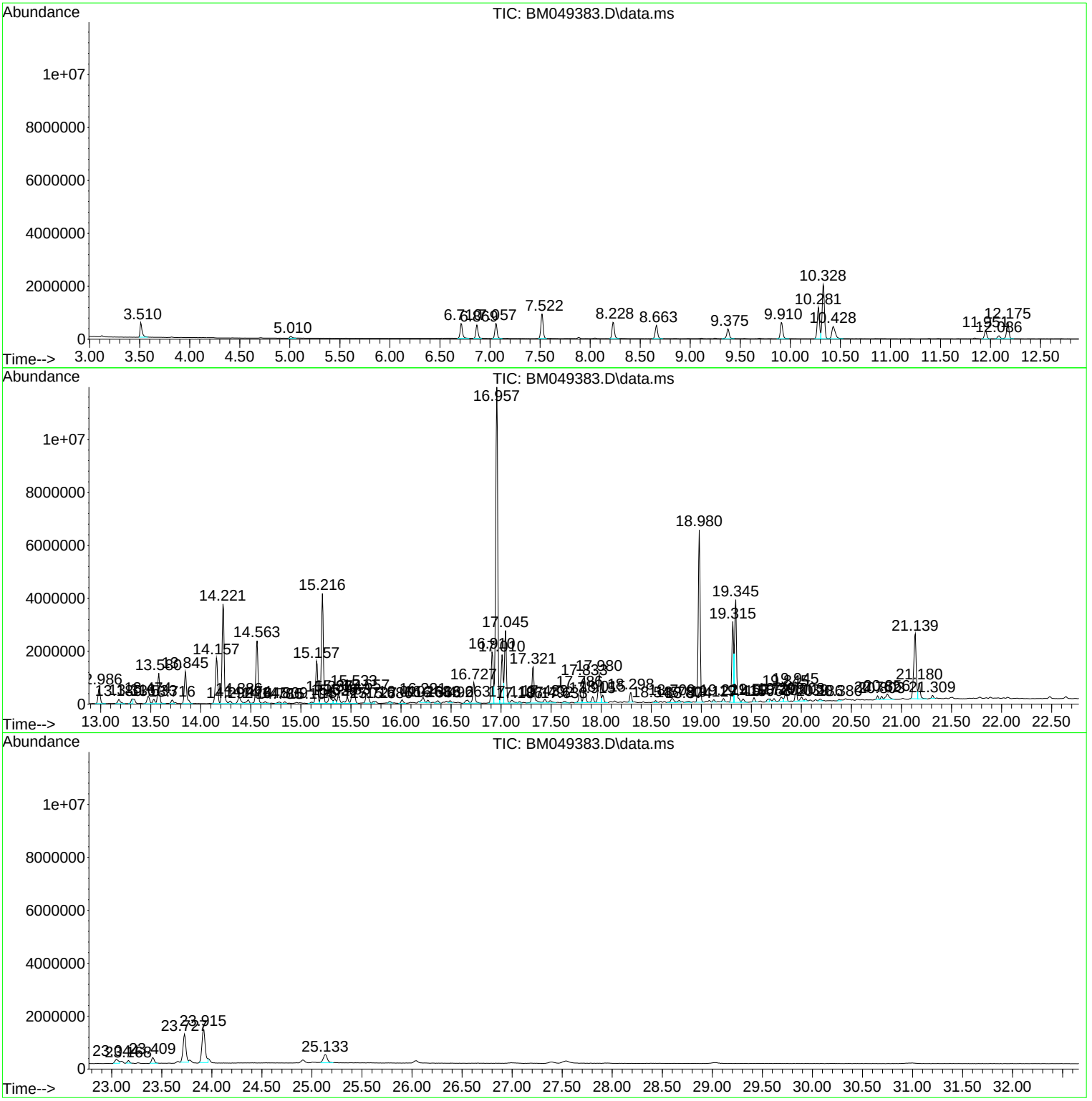
Sum of corrected areas: 115859923

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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

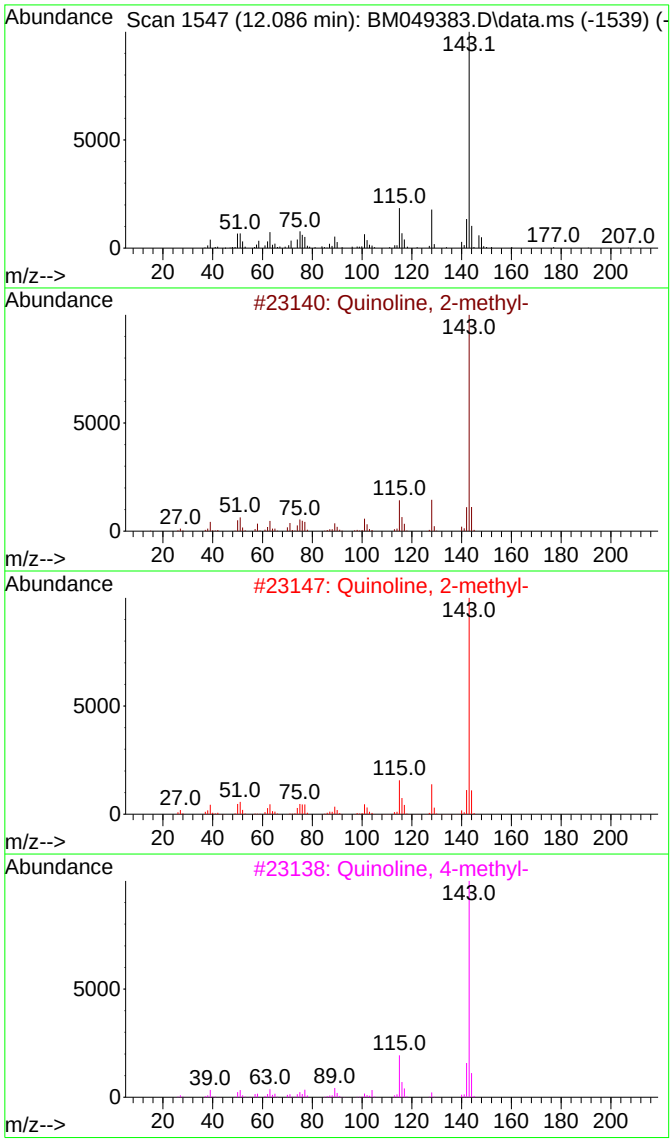
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

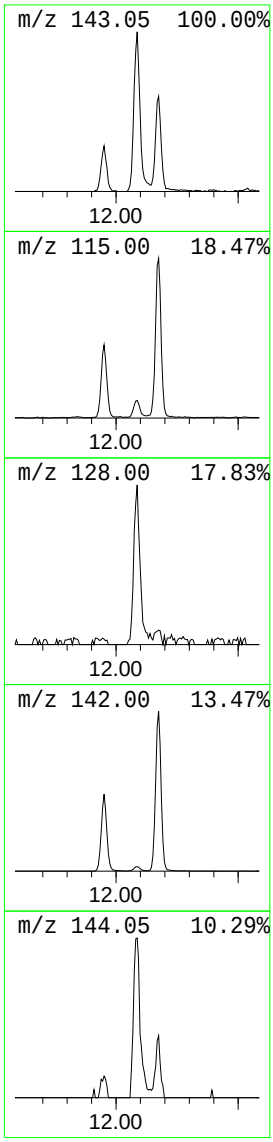
****

Peak Number 1 Quinoline, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	2.15 ng/ul	203829	Naphthalene-d8	10.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	93
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	93
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	83
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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

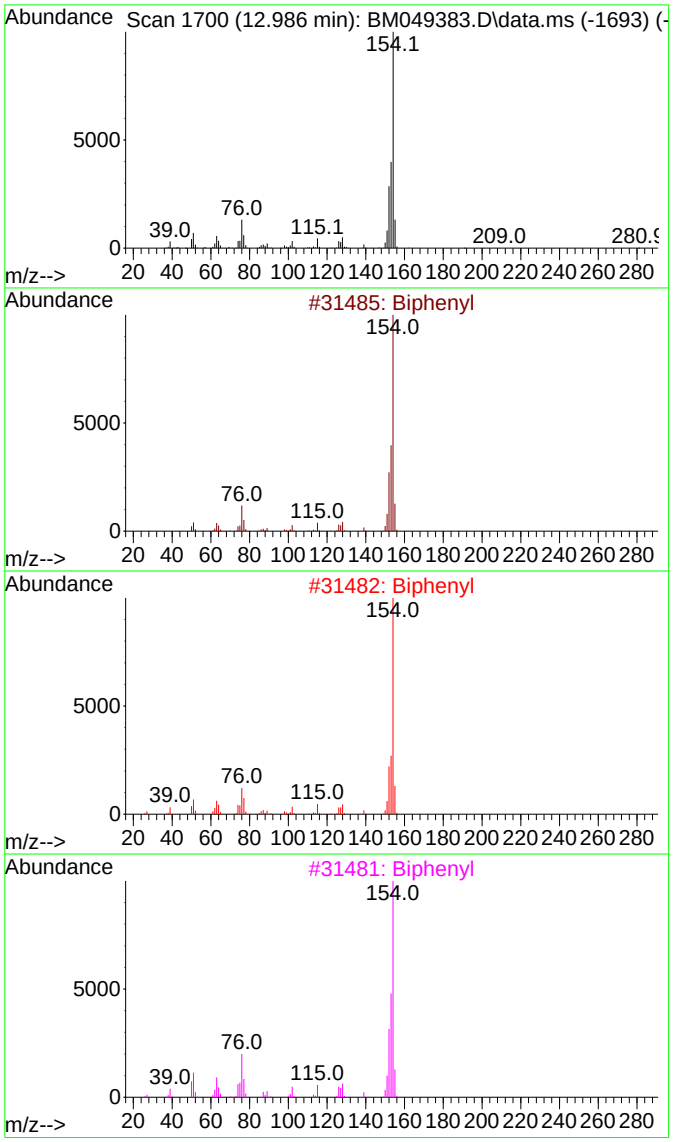
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

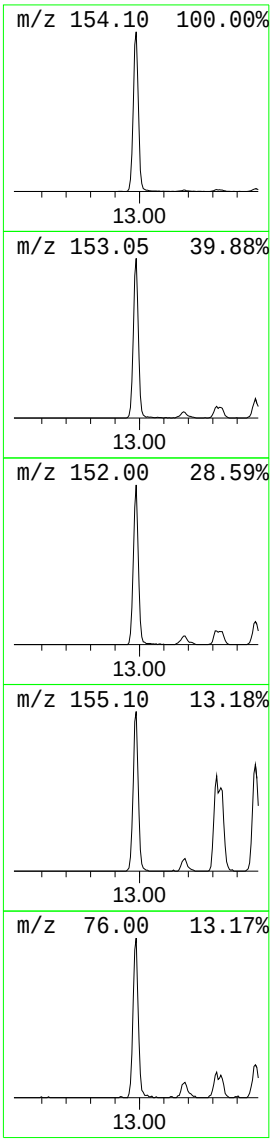
****

Peak Number 2 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	6.55 ng/ul	877125	Acenaphthene-d10	14.157

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	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

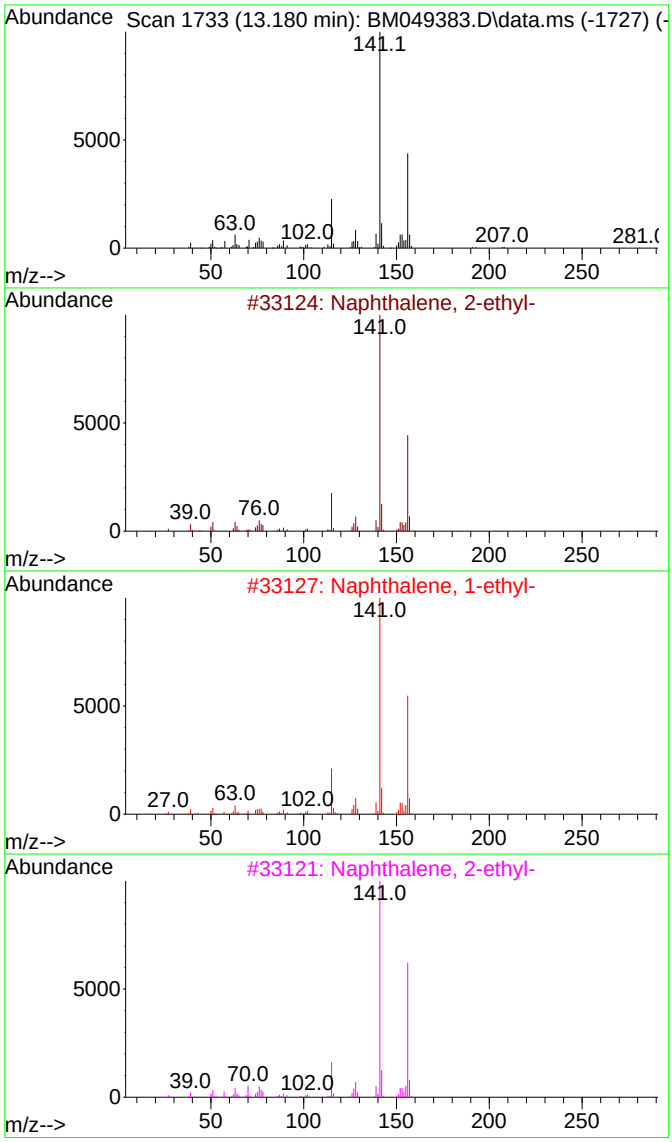
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

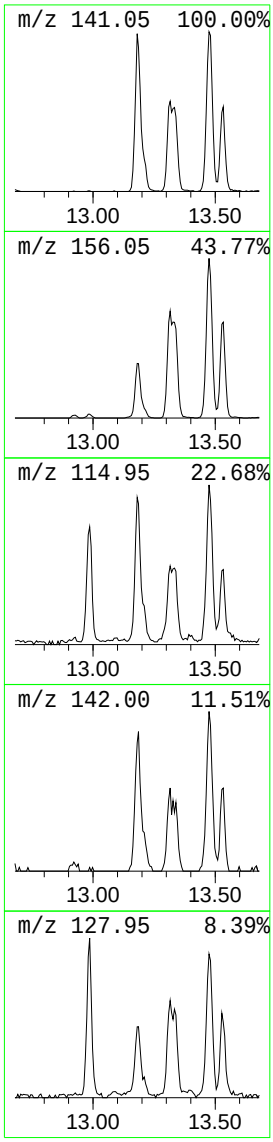
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.25 ng/ul	301073	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

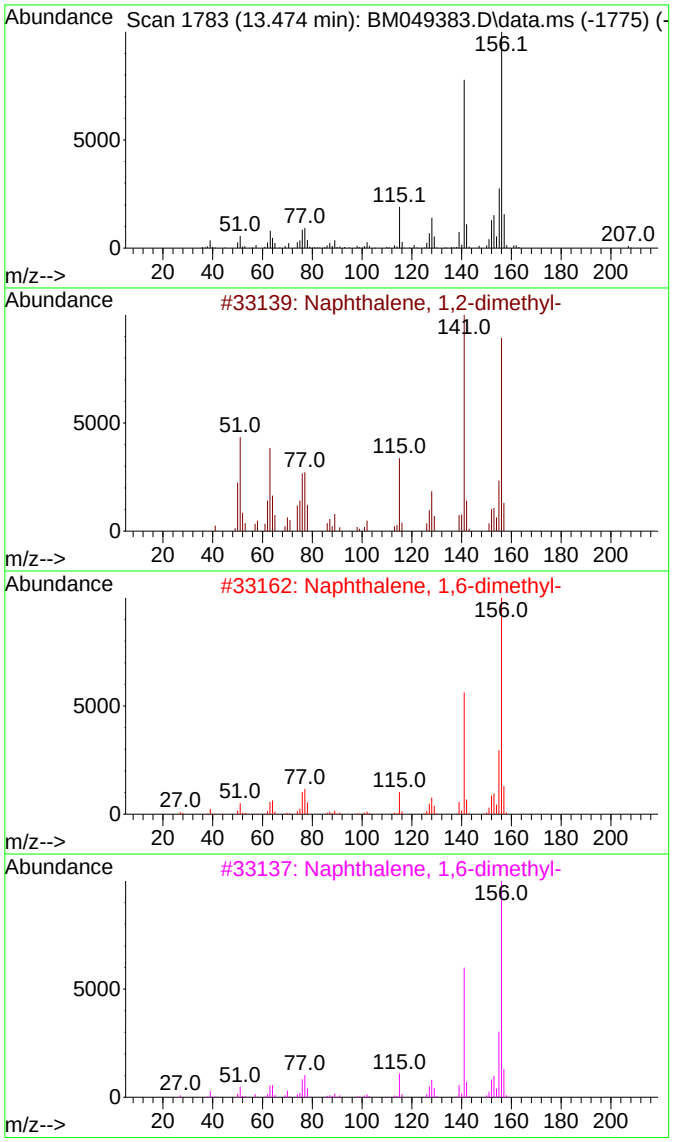
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

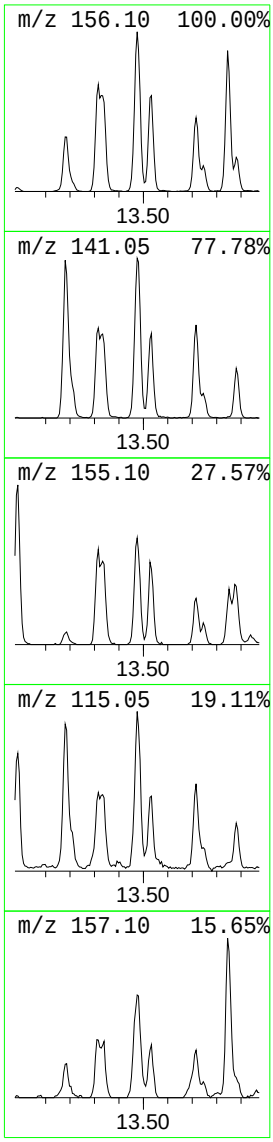
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	3.70 ng/ul	495550	Acenaphthene-d10	14.157

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

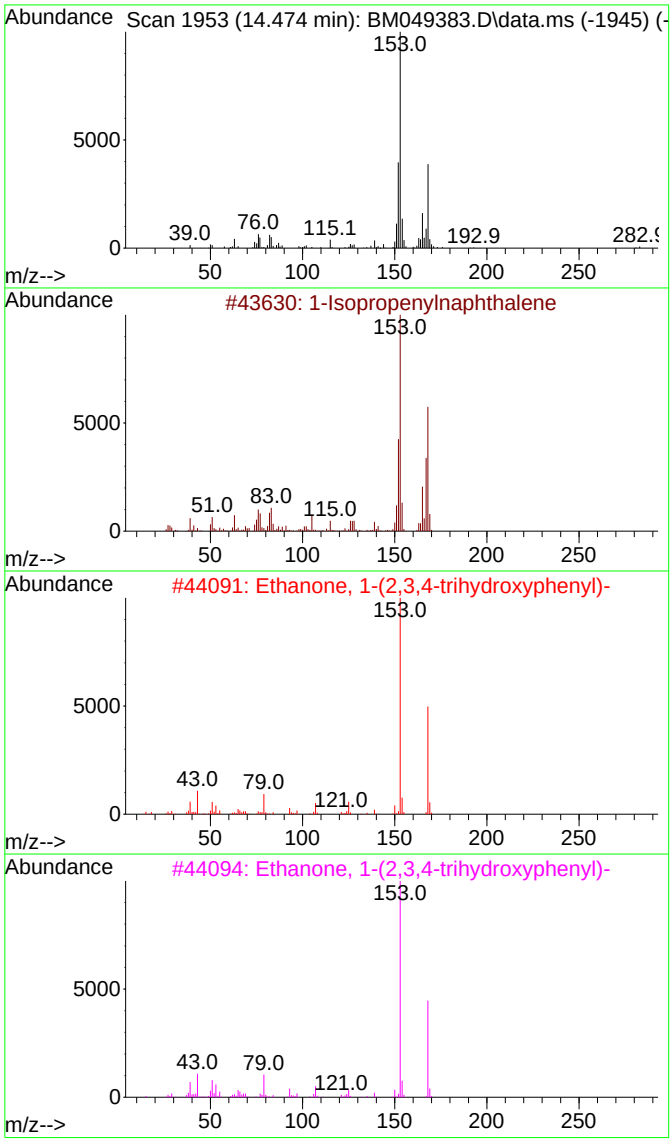
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

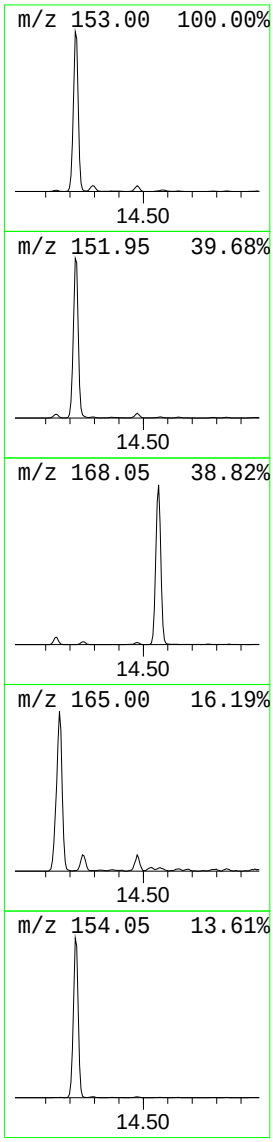
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	2.11 ng/ul	282143	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47





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Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH0

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Quant Title : SVOA CALIBRATION

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

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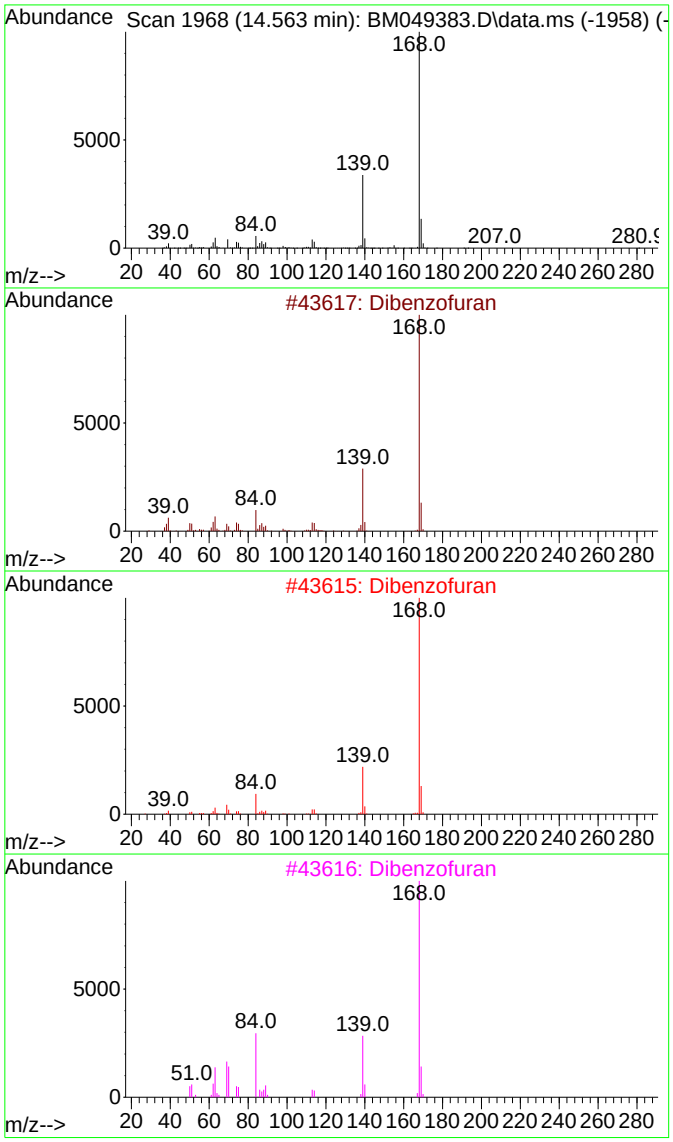
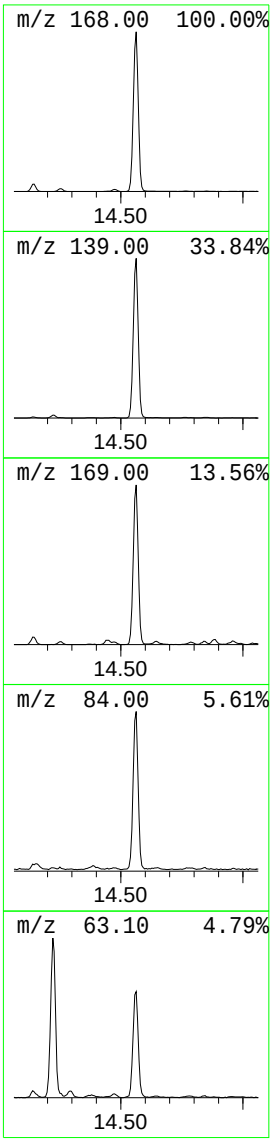
Peak Number 6 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	26.33 ng/ul	3528230	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	59





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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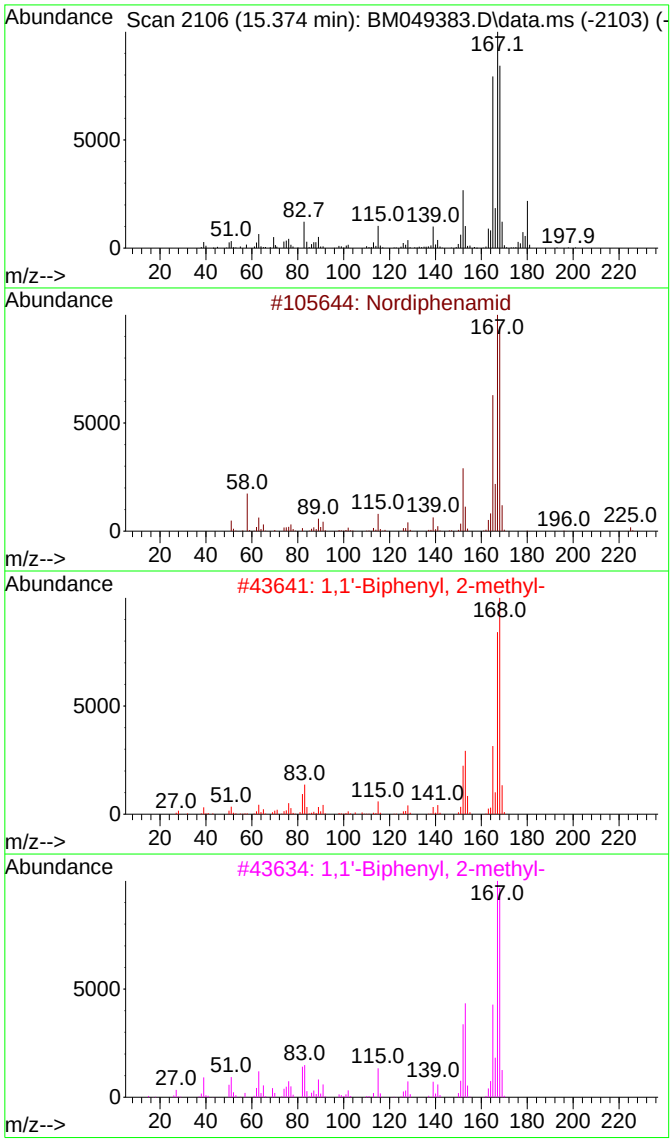
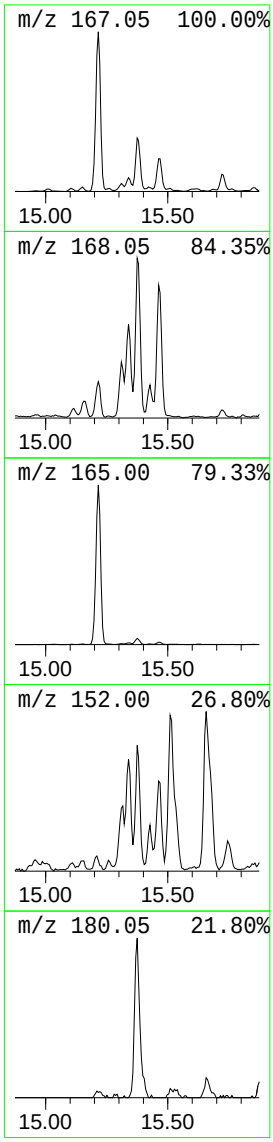
Peak Number 8 Nordiphenamid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	3.75 ng/ul	502908	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	Diphenylmethane	168	C13H12	000101-81-5	49





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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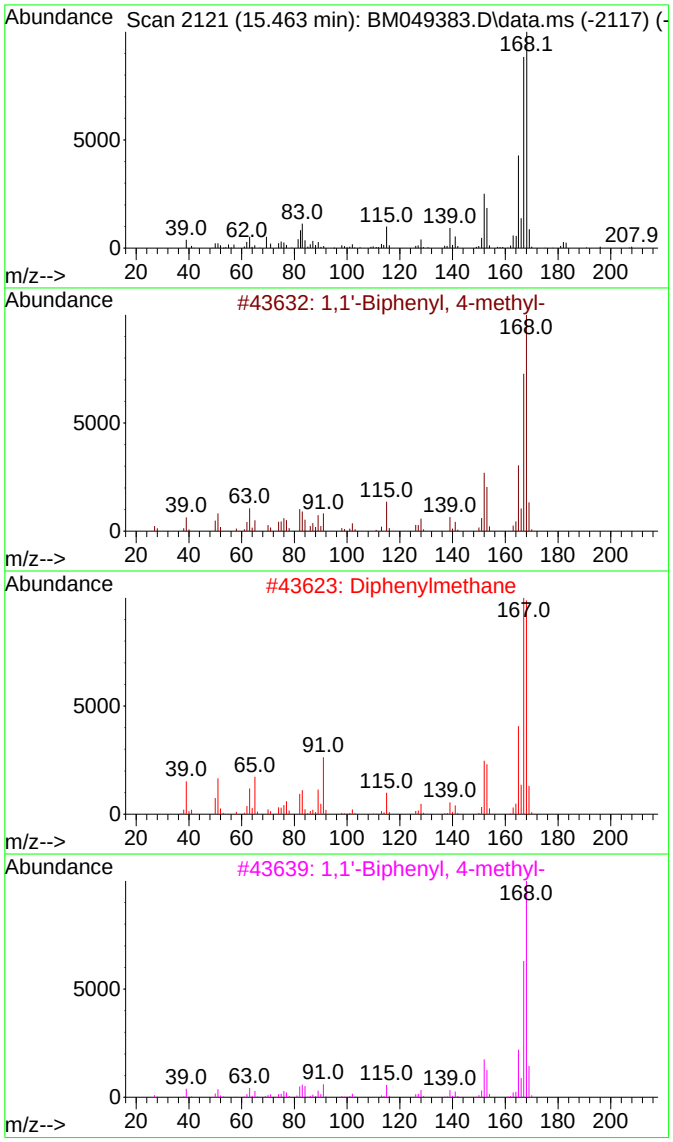
Quant Title : SVOA CALIBRATION

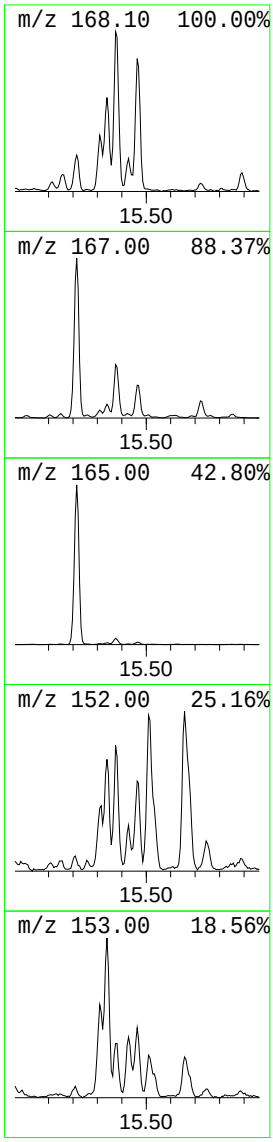
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	2.39 ng/ul	320089	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
2	Diphenylmethane	168	C13H12	000101-81-5	89
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
5	Diphenylmethane	168	C13H12	000101-81-5	74





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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

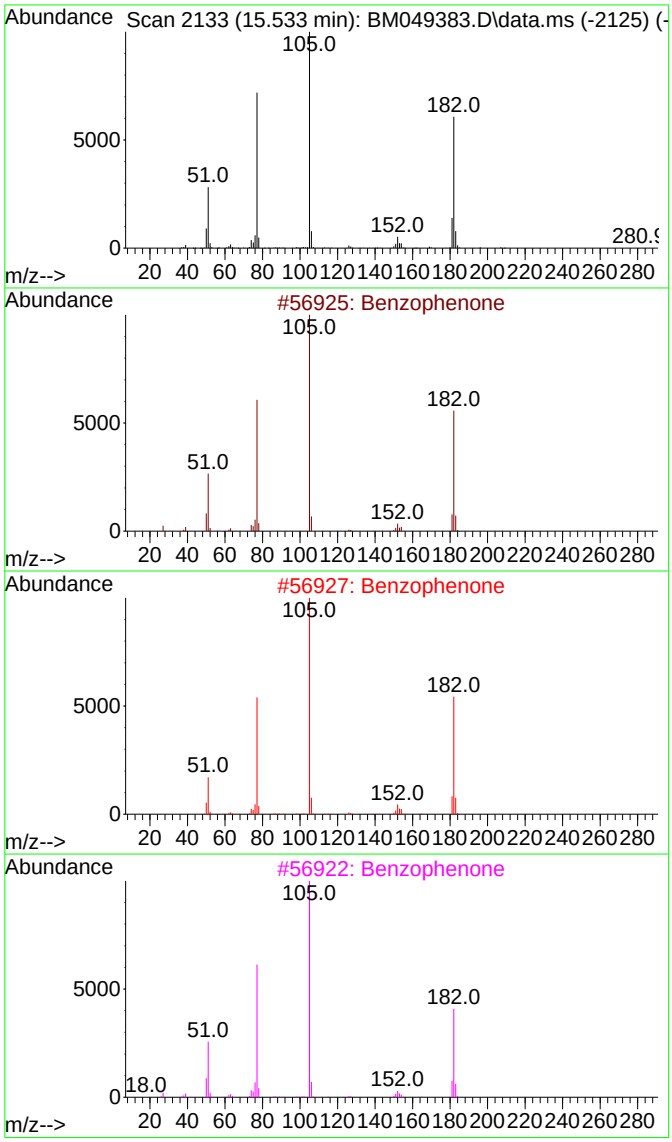
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

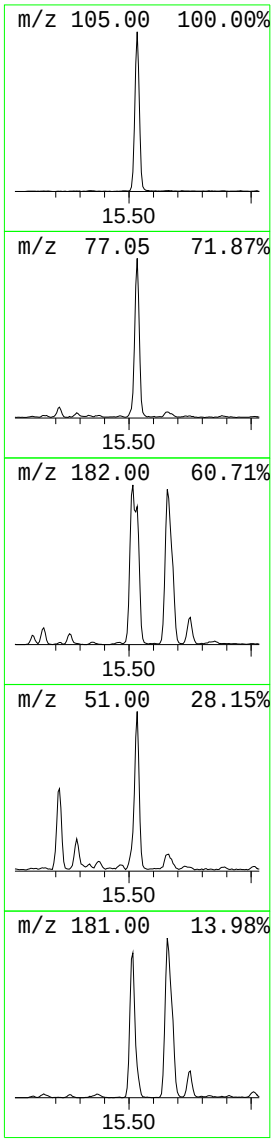
****

Peak Number 10 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	8.54 ng/ul	1163880	Phenanthrene-d10	16.910

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53





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Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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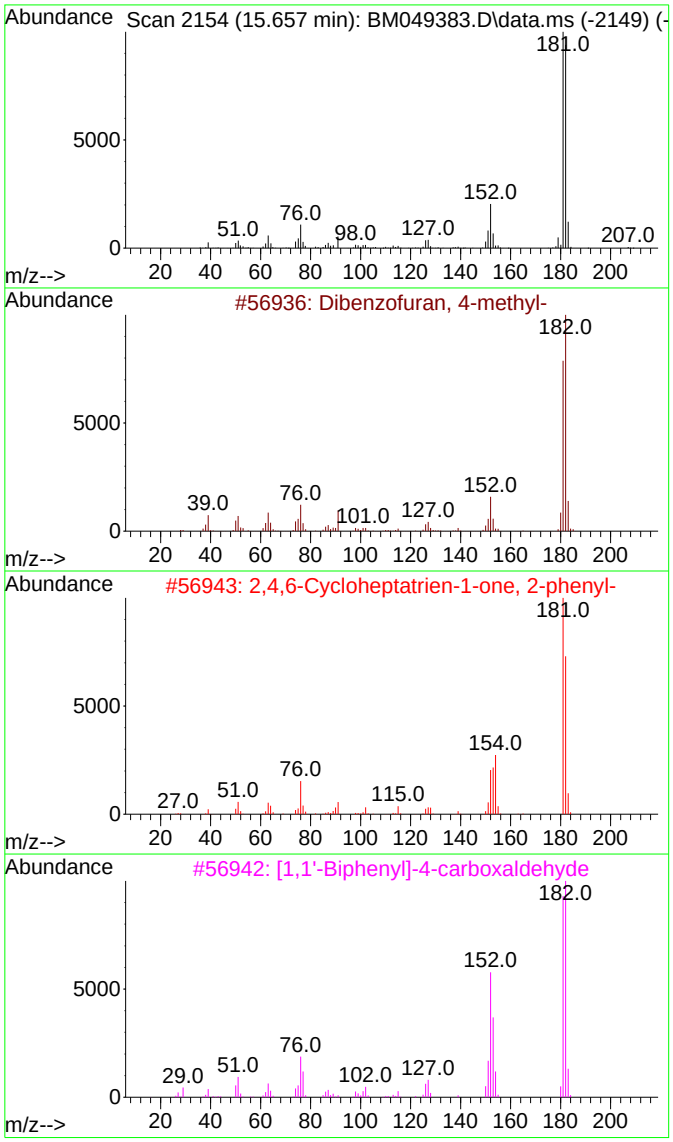
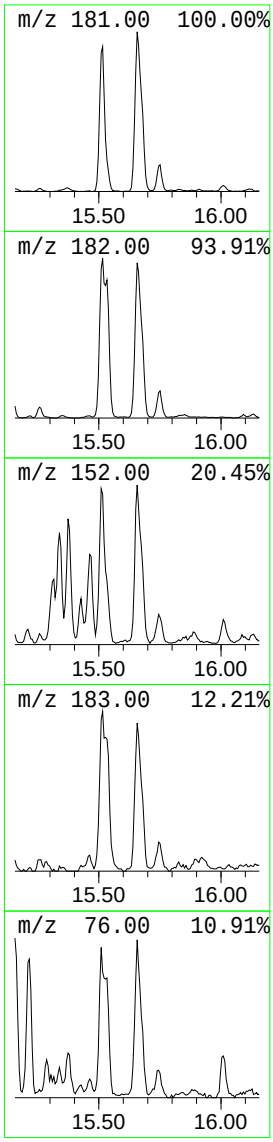
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	5.26 ng/ul	716787	Phenanthrene-d10	16.910

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





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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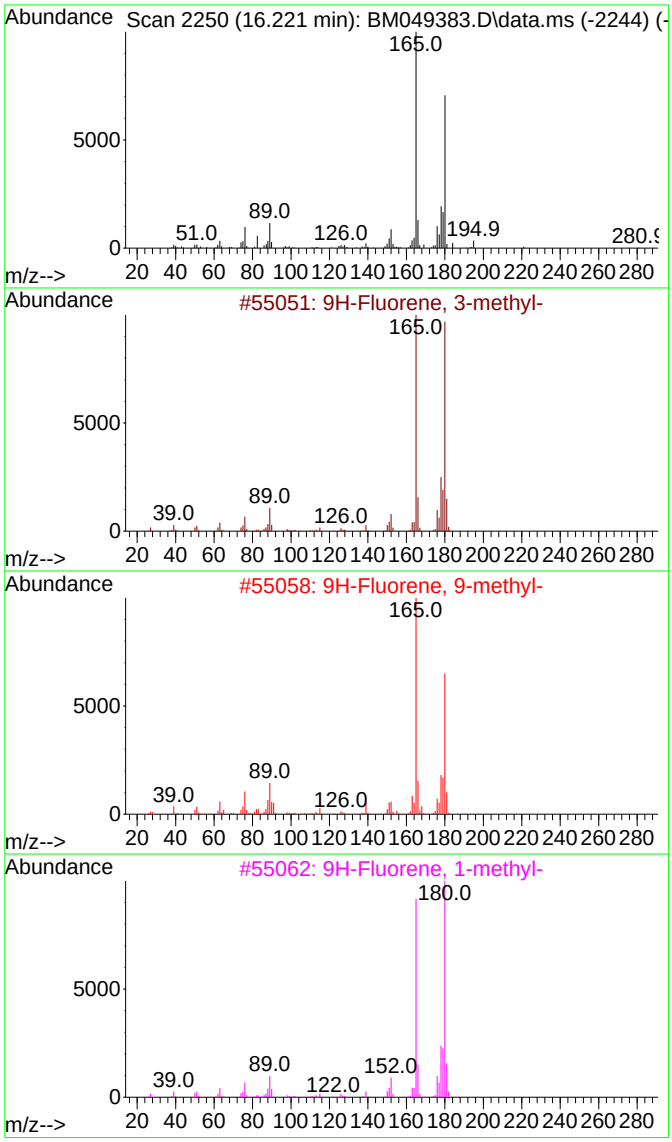
Quant Title : SVOA CALIBRATION

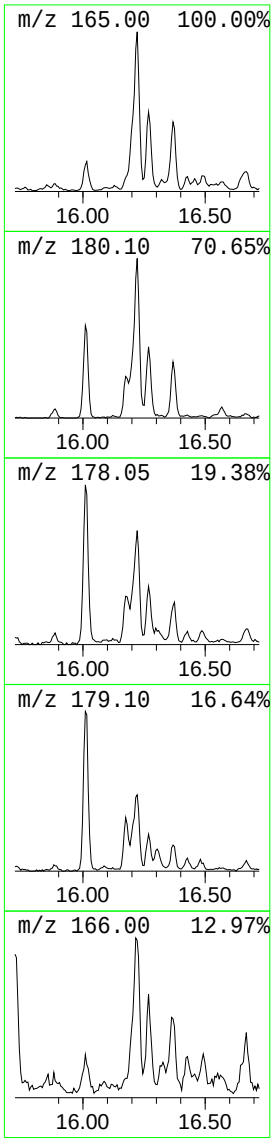
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	2.39 ng/ul	325498	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	72





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH0

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

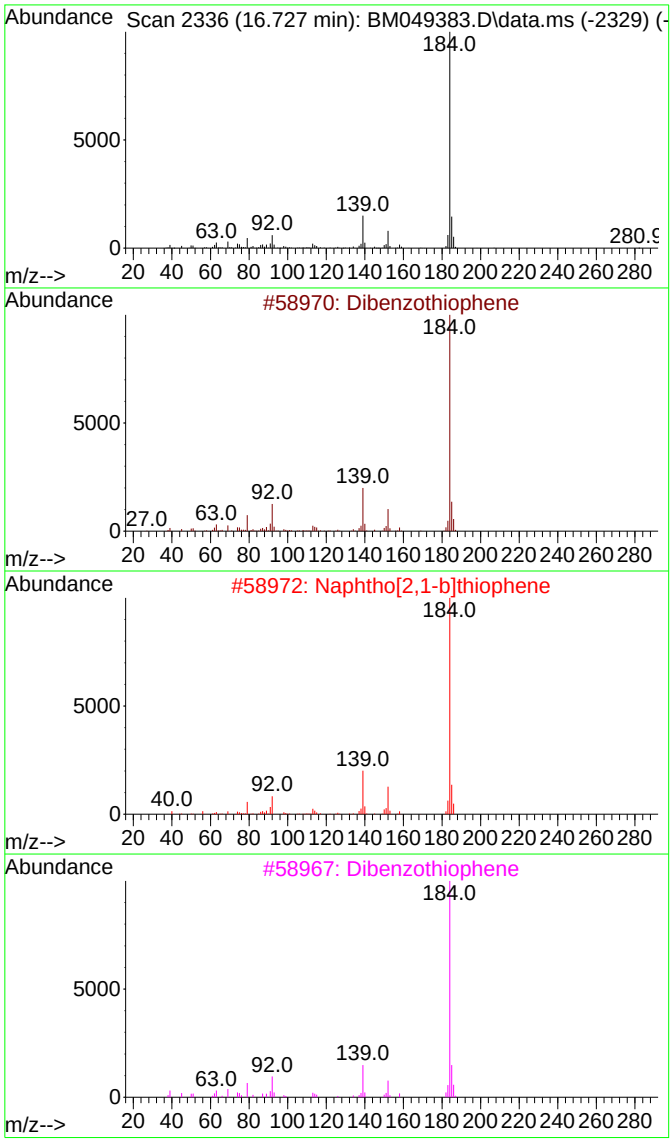
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

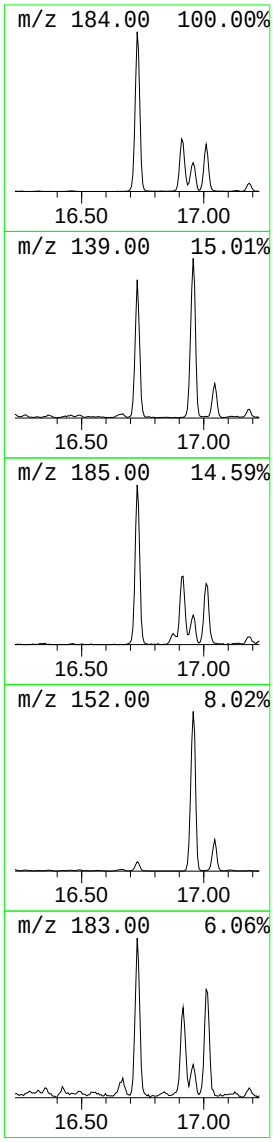
****

Peak Number 13 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	8.42 ng/ul	1147430	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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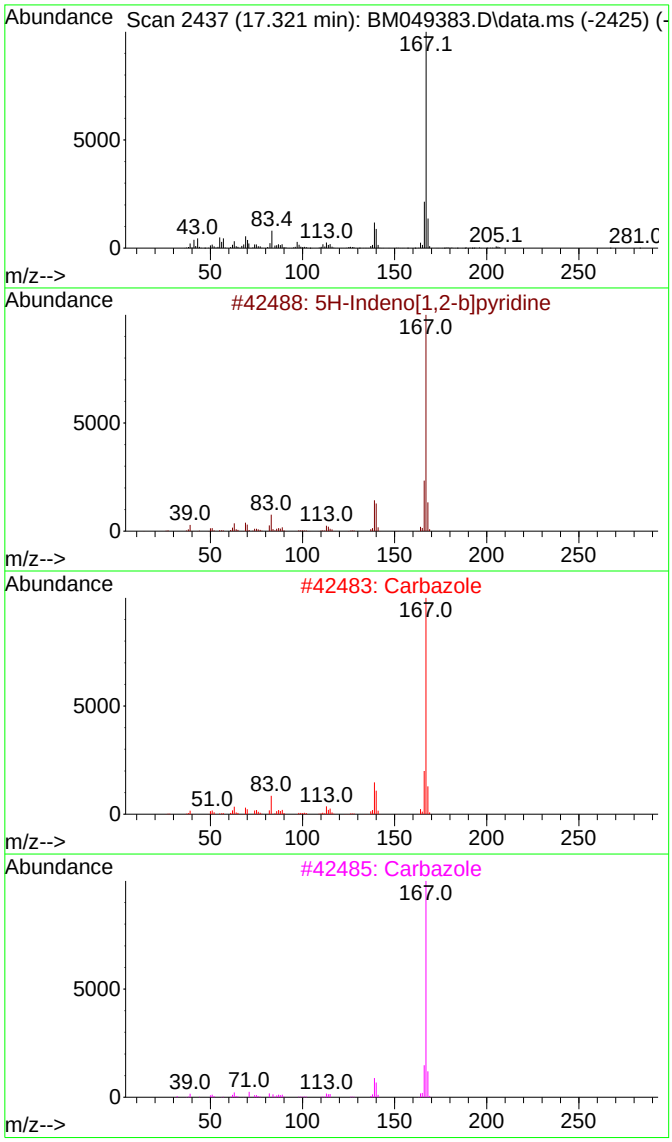
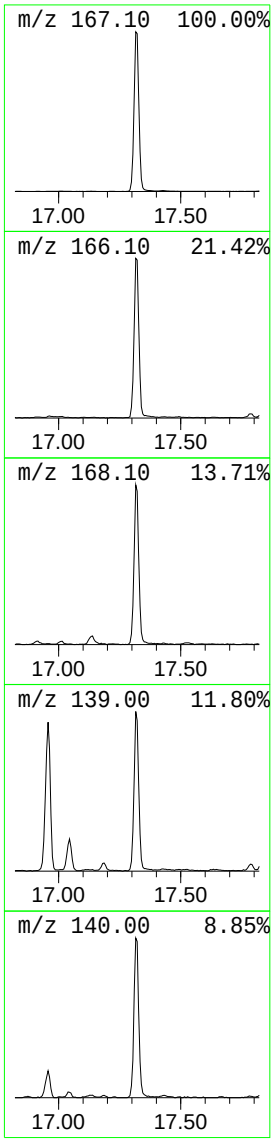
Peak Number 14 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.321	15.69 ng/ul	2138050	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	Carbazole	167	C12H9N	000086-74-8	91
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	78





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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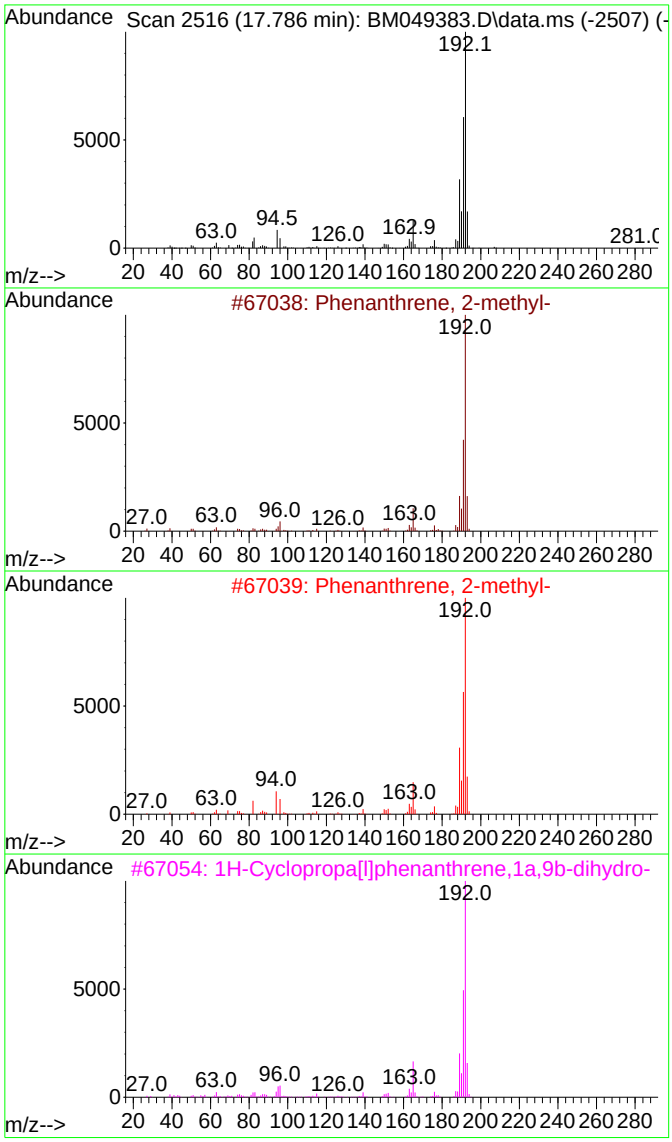
Quant Title : SVOA CALIBRATION

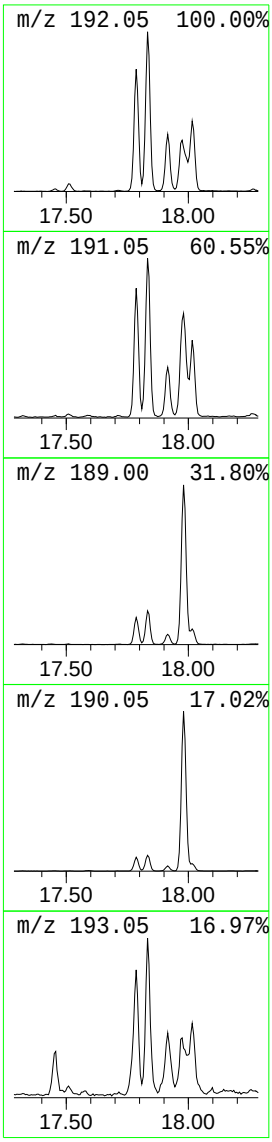
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	5.04 ng/ul	686368	Phenanthrene-d10	16.910

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





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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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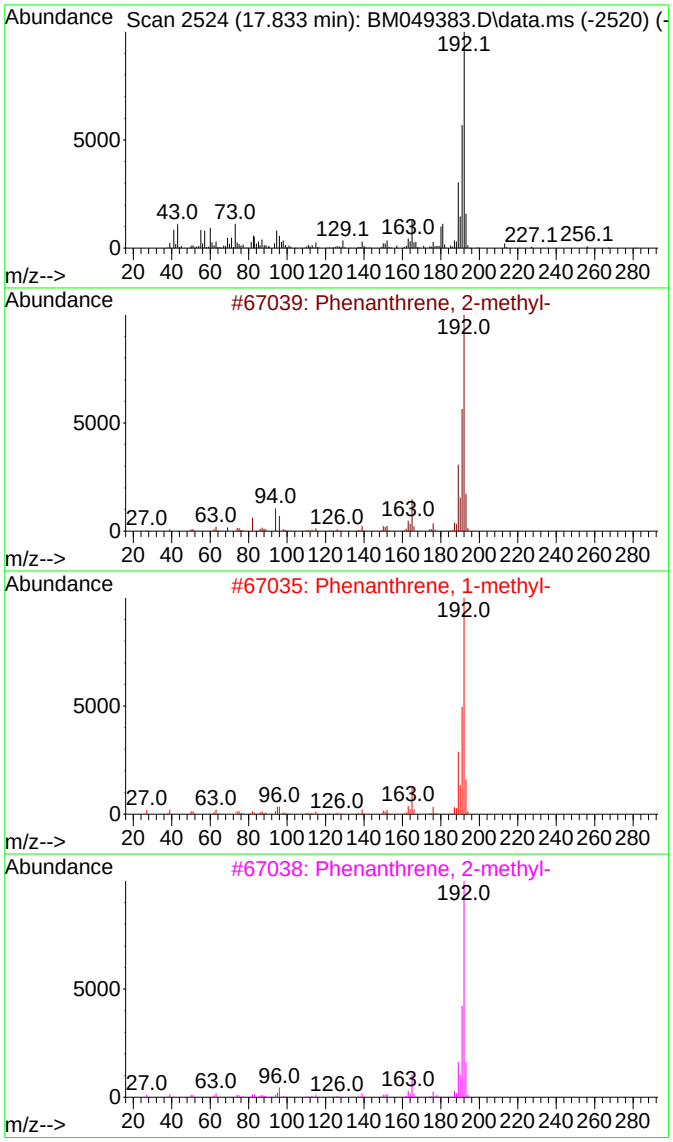
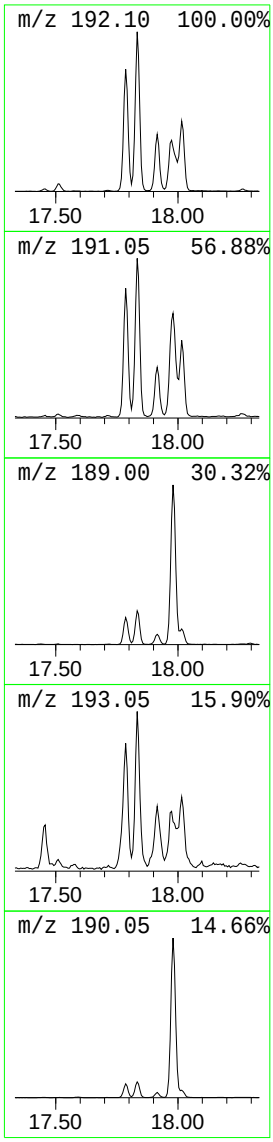
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	8.94 ng/ul	1218180	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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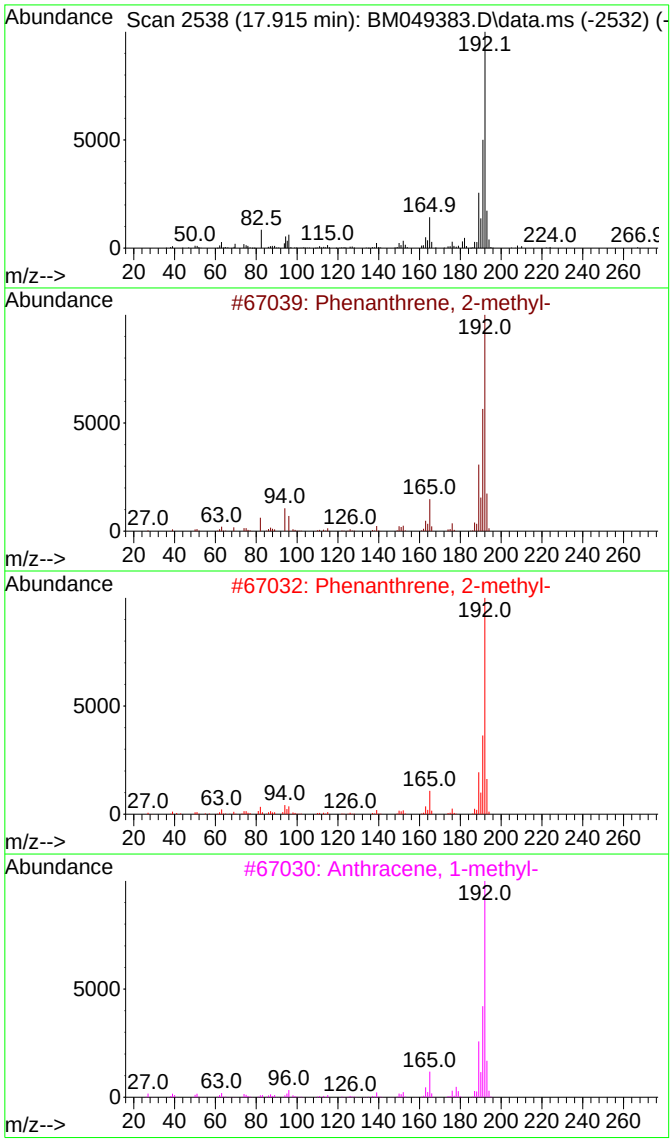
Quant Title : SVOA CALIBRATION

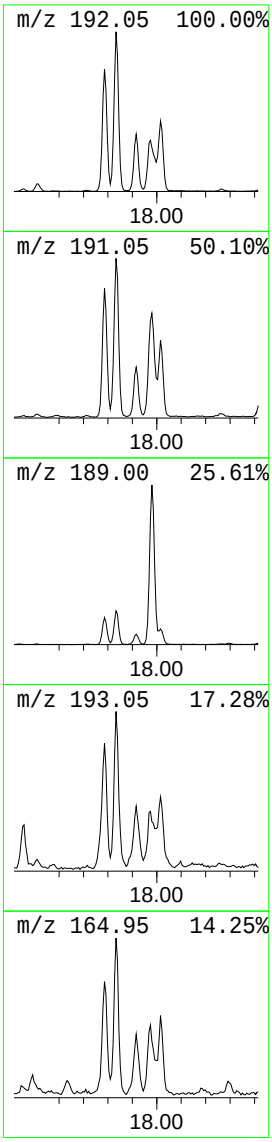
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	2.45 ng/ul	334149	Phenanthrene-d10	16.910

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Acq On : 22 Jan 2025 14:54
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Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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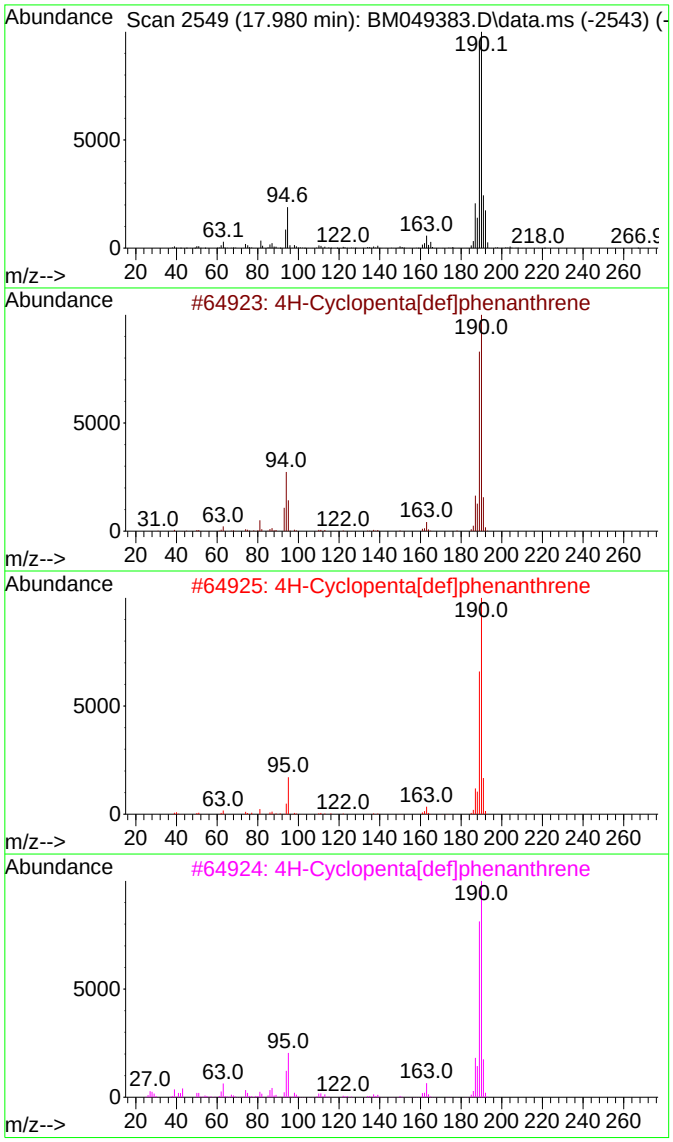
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

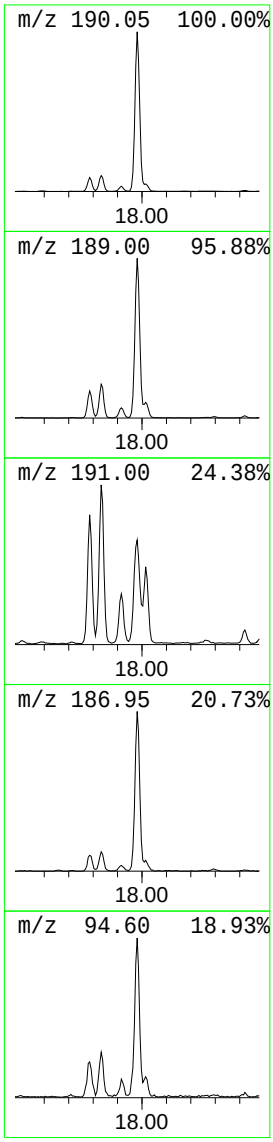
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	11.91 ng/ul	1622180	Phenanthrene-d10	16.910

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	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

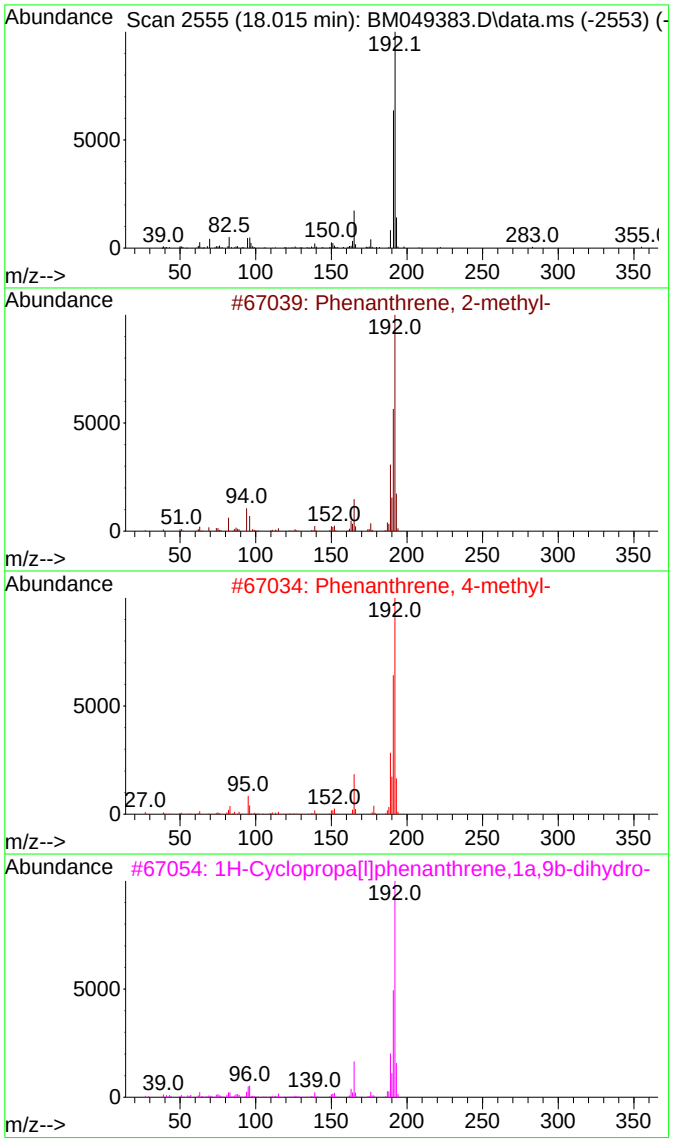
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

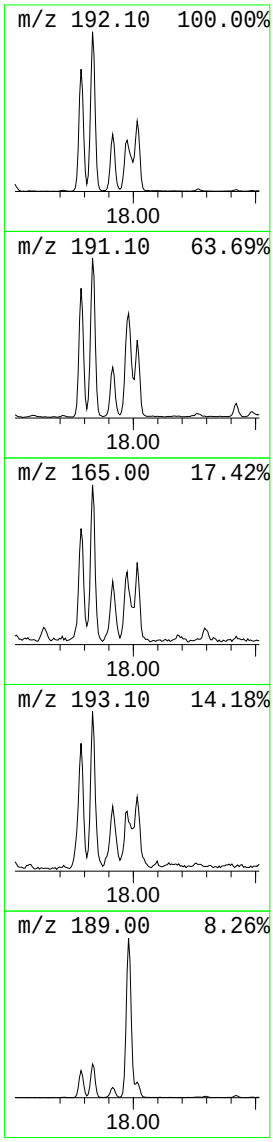
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	2.53 ng/ul	344318	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

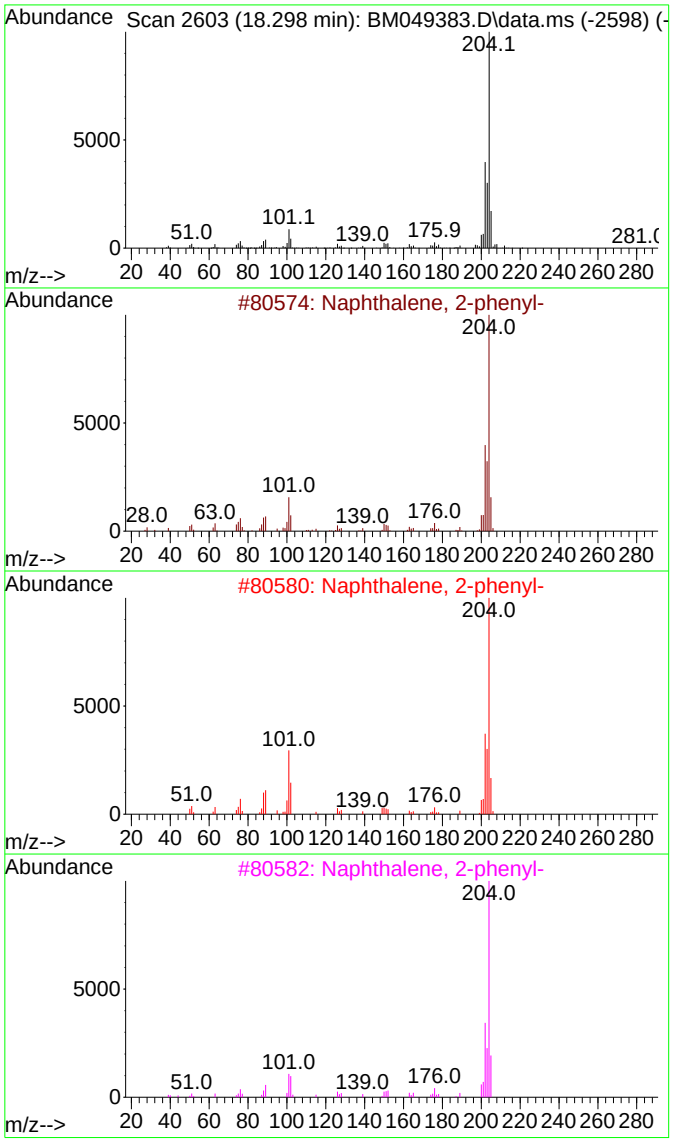
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

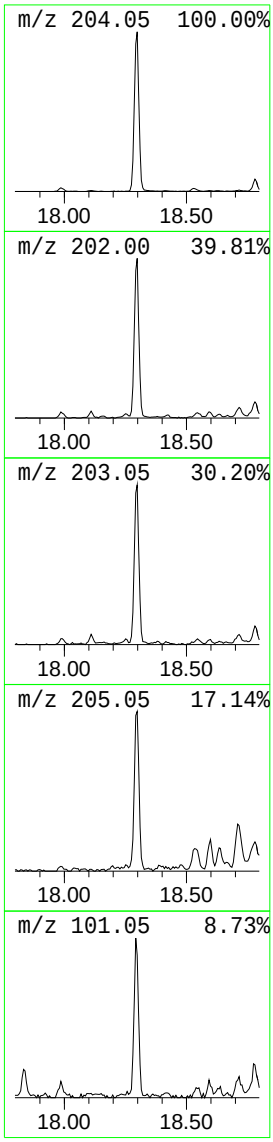
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.54 ng/ul	482938	Phenanthrene-d10	16.910

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	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

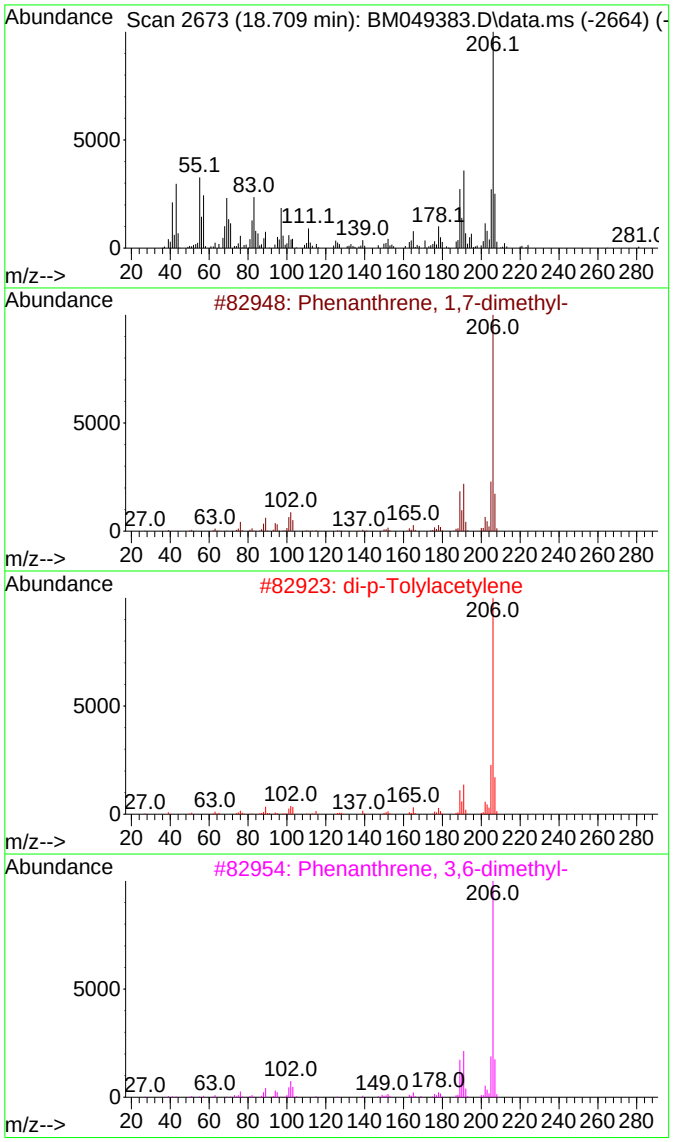
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

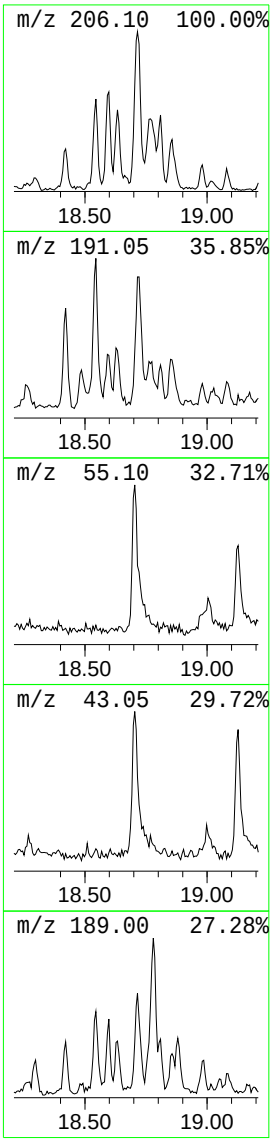
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	2.72 ng/ul	370792	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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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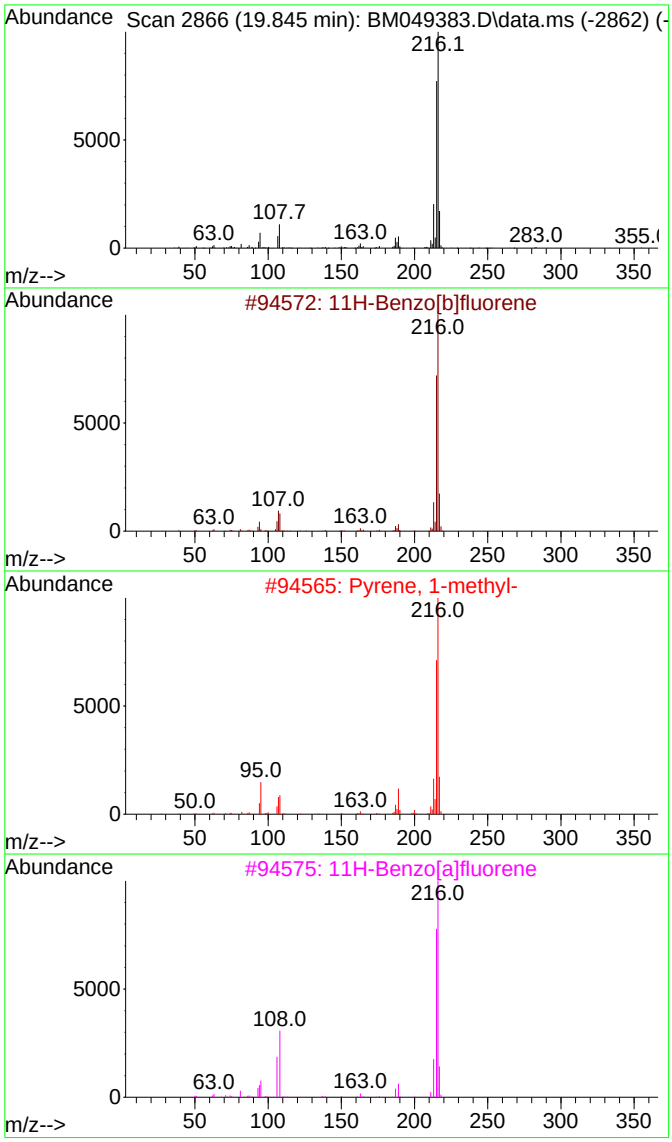
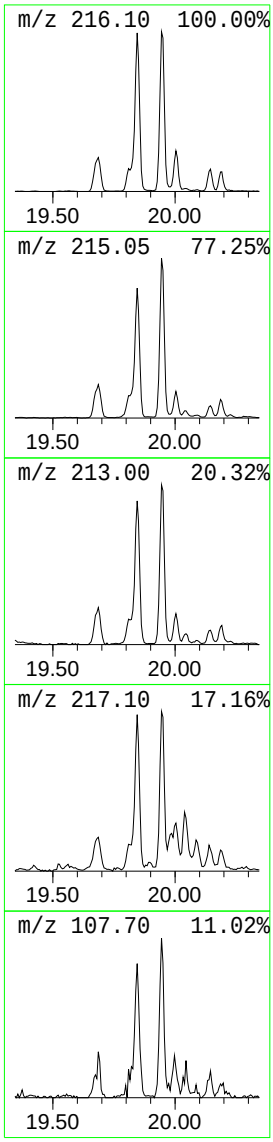
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.95 ng/ul	627185	Chrysene-d12	21.139

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	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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

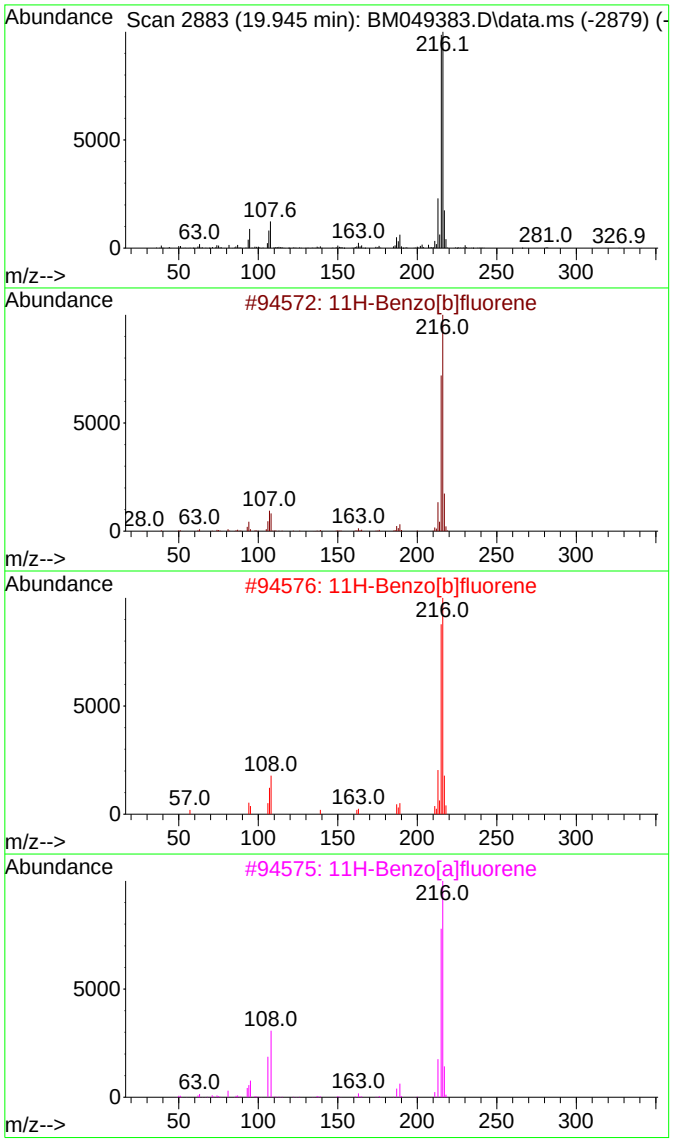
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

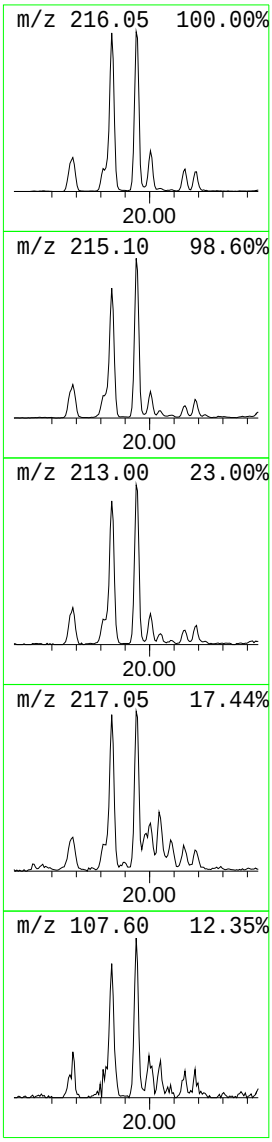
****

Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	3.06 ng/ul	650135	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

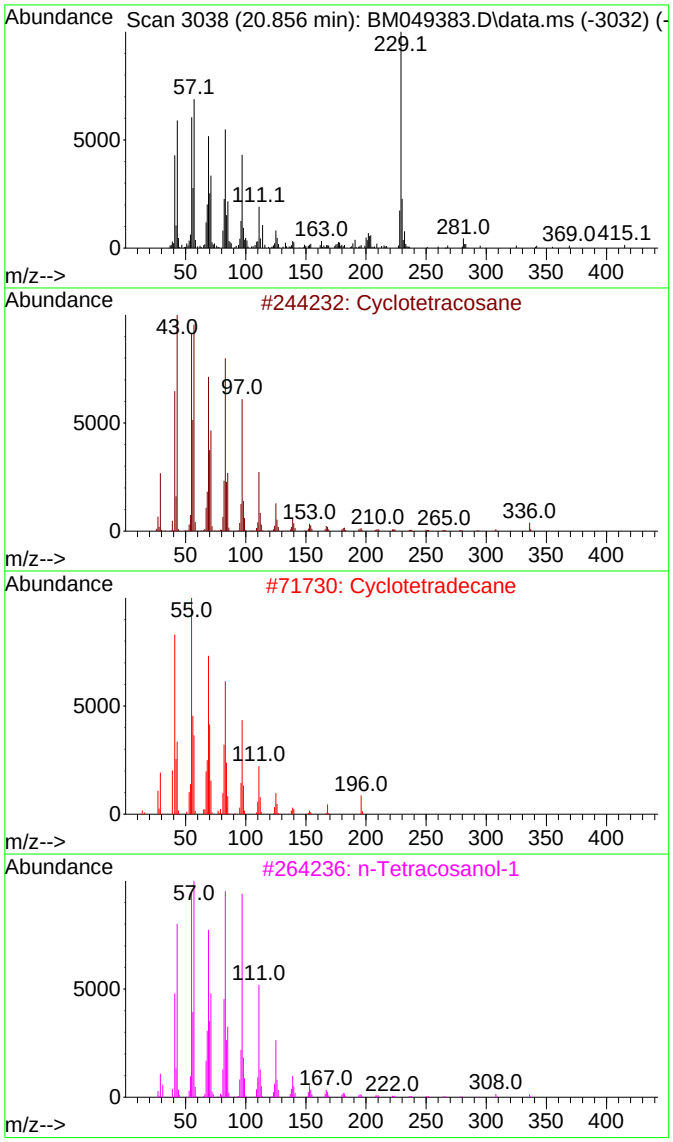
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

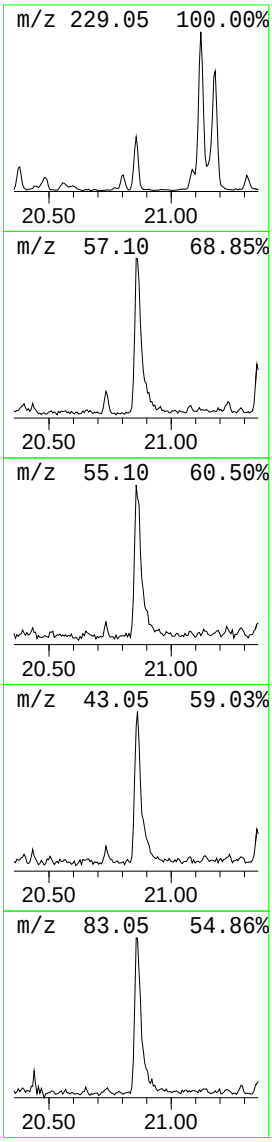
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic20.856 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.856	2.28 ng/ul	483796	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	87
2	Cyclotetradecane	196	C14H28	000295-17-0	80
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	62
5	Octacosanol	410	C28H58O	000557-61-9	50





Tentatively Identified Compound (LSC) summary

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Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

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
Quinoline, 2-me...	12.086	2.1	ng/ul	203829	2	10.281	1898770	20.0
Biphenyl	12.986	6.5	ng/ul	877125	3	14.157	2679620	20.0
Naphthalene, 2-...	13.180	2.3	ng/ul	301073	3	14.157	2679620	20.0
Naphthalene, 1,...	13.475	3.7	ng/ul	495550	3	14.157	2679620	20.0
1-Isopropenylna...	14.474	2.1	ng/ul	282143	3	14.157	2679620	20.0
Dibenzo furan	14.563	26.3	ng/ul	3528230	3	14.157	2679620	20.0
Nordiphenamid	15.374	3.8	ng/ul	502908	3	14.157	2679620	20.0
1,1'-Biphenyl, ...	15.463	2.4	ng/ul	320089	3	14.157	2679620	20.0
Benzophenone	15.533	8.5	ng/ul	1163880	4	16.910	2724970	20.0
Dibenzofuran, 4...	15.657	5.3	ng/ul	716787	4	16.910	2724970	20.0
9H-Fluorene, 3-...	16.221	2.4	ng/ul	325498	4	16.910	2724970	20.0
Dibenzothiophene	16.727	8.4	ng/ul	1147430	4	16.910	2724970	20.0
5H-Indeno[1,2-b...	17.321	15.7	ng/ul	2138050	4	16.910	2724970	20.0
Phenanthrene, 2...	17.786	5.0	ng/ul	686368	4	16.910	2724970	20.0
Phenanthrene, 1...	17.833	8.9	ng/ul	1218180	4	16.910	2724970	20.0
Anthracene, 1-m...	17.915	2.5	ng/ul	334149	4	16.910	2724970	20.0
4H-Cyclopenta[d...	17.980	11.9	ng/ul	1622180	4	16.910	2724970	20.0
Phenanthrene, 4...	18.015	2.5	ng/ul	344318	4	16.910	2724970	20.0
Naphthalene, 2-...	18.298	3.5	ng/ul	482938	4	16.910	2724970	20.0
Phenanthrene, 1...	18.709	2.7	ng/ul	370792	4	16.910	2724970	20.0
11H-Benzo[b]flu...	19.845	3.0	ng/ul	627185	5	21.139	4248690	20.0
11H-Benzo[a]flu...	19.945	3.1	ng/ul	650135	5	21.139	4248690	20.0
(DEL) Alkane: C...	20.856	2.3	ng/ul	483796	5	21.139	4248690	20.0