LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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: BM049384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.511	85	89	108	rBV	598067	889204	5.32%	0.764%
2	6.710	627	633	648	rVB	606043	976442	5.84%	0.839%
3	6.869	654	660	674	rVB	511292	808347	4.83%	0.695%
4	7.058	686	692	703	rBV	620335	954328	5.71%	0.820%
5	7.516	764	770	782	rVB	862700	1335350	7.98%	1.148%
6	7.887	827	833	839	rVB	47722	79932	0.48%	0.069%
7	8.228	885	891	908	rBV	673051	1096156	6.55%	0.942%
8	8.663	958	965	975	rVB	525950	853173	5.10%	0.733%
9	9.375	1074	1086	1098	rBV	393954	703158	4.20%	0.605%
10	9.910	1171	1177	1189	rBV	648385	1121608	6.71%	0.964%
11	10.281	1231	1240	1244	rBV	1108581	1807074	10.81%	1.554%
12	10.328	1244	1248	1257	rVV	2977073	4667845	27.91%	4.013%
13	10.428	1257	1265	1281	rVV2	510657	1241507	7.42%	1.067%
14	11.951	1515	1524	1533	rBV	508127	790694	4.73%	0.680%
15	12.081	1539	1546	1552	rBV	180798	334406	2.00%	0.287%
16	12.175	1552	1562	1573	rVB	826559	1415990	8.47%	1.217%
17	12.987	1693	1700	1709	rBV	727939	1111290	6.64%	0.955%
18	13.181	1727	1733	1744	rVB	200477	389184	2.33%	0.335%
19	13.316	1747	1756	1758	rBV	214688	364178	2.18%	0.313%
20	13.475	1775	1783	1788	rBV2	337002	617966	3.70%	0.531%
21	13.534	1788	1793	1796	rVV	192925	294539	1.76%	0.253%
22	13.581	1796	1801	1806	rVB	1173815	1519257	9.08%	1.306%
23	13.716	1818	1824	1828	rBV	155016	242464	1.45%	0.208%
24	13.845	1840	1846	1851	rBV	1198099	1798590	10.75%	1.546%
25	14.157	1891	1899	1905	rVV2	1591644	2524496	15.10%	2.170%
26	14.222	1905	1910	1919	rVV	4198840	5969161	35.69%	5.132%
27	14.292	1919	1922	1929	rVB	125109	183696	1.10%	0.158%
28	14.386	1929	1938	1945	rBV3	258683	594286	3.55%	0.511%
29	14.475	1945	1953	1958	rVB	141976	260407	1.56%	0.224%
30	14.563	1958	1968	1976	rBV	2932132	4127105	24.68%	3.548%
31	14.645	1976	1982	1986	rBV	68687	88806	0.53%	0.076%
32	14.786	1999	2006	2011	rBV4	65827	133356	0.80%	0.115%
33	14.839	2011	2015	2019	rBV	69377	91771	0.55%	0.079%
34	14.957	2028	2035	2038	rBV2	44220	80825	0.48%	0.069%
35	15.104	2054	2060	2064	rBV2	83557	154149	0.92%	0.133%
36	15.157	2064	2069	2074	rBV	1561091	2095026	12.53%	1.801%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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	15.216	2074	2079	2084	rVB	4168021	5381739	32.18%	4.627%
38	15.286	2084	2091	2097	rBV3	289926	546490	3.27%	0.470%
39	15.339	2097	2100	2103	rVV	152552	183770	1.10%	0.158%
40	15.375	2103	2106	2112	rVB	345700	463049	2.77%	0.398%
41	15.463	2117	2121	2125	rVB2	191942	248362	1.49%	0.214%
42	15.516	2125	2130	2131	rBV	414484	556004	3.32%	0.478%
43	15.533	2131	2133	2140	rVB	498399	570430	3.41%	0.490%
44	15.657	2149	2154	2162	rVB	395892	765386	4.58%	0.658%
45	15.728	2162	2166	2168	rBV	88272	133573	0.80%	0.115%
46	15.886	2189	2193	2200	rVV3	86063	162683	0.97%	0.140%
47	16.010	2209	2214	2221	rBV3	112428	184109	1.10%	0.158%
48	16.222	2238	2250	2255	rBV2	247943	547114	3.27%	0.470%
49	16.269	2255	2258	2263	rVV3	118584	173092	1.03%	0.149%
50	16.369	2270	2275	2280	rVB2	102254	161997	0.97%	0.139%
51	16.451	2286	2289	2292	rVV	78268	117327	0.70%	0.101%
52	16.492	2292	2296	2299	rVV2	100555	160490	0.96%	0.138%
53	16.569	2306	2309	2317	rVB7	45319	87036	0.52%	0.075%
54	16.663	2317	2325	2329	rBV3	121922	284888	1.70%	0.245%
55	16.727	2329	2336	2347	rVB	811878	1255729	7.51%	1.080%
56	16.910	2361	2367	2370	rBV	1800004	2408656	14.40%	2.071%
57	16.957	2370	2375	2380	rVV	12342686	16723871	100.00%	14.378%
58	17.010	2380	2384	2387	rVV	1774362	2469663	14.77%	2.123%
59	17.045	2387	2390	2396	rVB	1600642	2018687	12.07%	1.735%
60	17.104	2396	2400	2411	rVB2	126211	223734	1.34%	0.192%
61	17.316	2427	2436	2442	rBV	1079363	1508627	9.02%	1.297%
62	17.439	2451	2457	2462	rBV2	129747	199742	1.19%	0.172%
63	17.492	2462	2466	2475	rVB3	75915	119351	0.71%	0.103%
64	17.633	2486	2490	2499	rVB2	62334	136059	0.81%	0.117%
65	17.786	2507	2516	2520	rBV	508103	716264	4.28%	0.616%
66	17.833	2520	2524	2532	rVB	862468	1183782	7.08%	1.018%
67	17.916	2532	2538	2543	rBV	212302	302975	1.81%	0.260%
68	17.980	2543	2549	2553	rBV2	1082522	1640635	9.81%	1.410%
69	18.016	2553	2555	2563	rVB	256694	318748	1.91%	0.274%
70	18.139	2572	2576	2581	rVB	55341	79458	0.48%	0.068%
71	18.298	2594	2603	2607	rBV	398376	559481	3.35%	0.481%
72	18.545	2641	2645	2649	rVB3	78499	98134	0.59%	0.084%
73	18.716	2669	2674	2679	rVV2	93675	166554	1.00%	0.143%
74	18.780	2680	2685	2688	rVV4	68929	115407	0.69%	0.099%
75	18.874	2694	2701	2706	rVB4	43994	93898	0.56%	0.081%
76	18.980	2713	2719	2727	rVB	6599005	8301586	49.64%	7.137%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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	19.080	2733	2736	2740	rVV2	77707	101016	0.60%	0.087%
78	19.221	2754	2760	2765	rVB2	143834	234071	1.40%	0.201%
79	19.316	2770	2776	2778	rVV2	2855888	4020423	24.04%	3.456%
80	19.345	2778	2781	2790	rVV	3962056	5003818	29.92%	4.302%
81	19.416	2790	2793	2800	rVB	128483	215435	1.29%	0.185%
82	19.527	2807	2812	2818	rBV	163802	230077	1.38%	0.198%
83	19.586	2819	2822	2829	rVB	74993	105992	0.63%	0.091%
84	19.680	2830	2838	2842	rBV3	124364	337288	2.02%	0.290%
85	19.727	2842	2846	2852	rVV2	125335	195748	1.17%	0.168%
86	19.798	2853	2858	2862	rVV2	219205	425935	2.55%	0.366%
87	19.845	2862	2866	2871	rVB	482690	661016	3.95%	0.568%
88	19.945	2878	2883	2887	rBV	540788	680358	4.07%	0.585%
89	20.004	2887	2893	2897	rVV2	159853	280667	1.68%	0.241%
90	20.039	2897	2899	2904	rVV	87306	105396	0.63%	0.091%
91	20.186	2921	2924	2929	rBV2	66949	100906	0.60%	0.087%
92	20.762	3018	3022	3025	rBV	147001	185340	1.11%	0.159%
93	20.804	3025	3029	3032	rVV	139289	174139	1.04%	0.150%
94	20.857	3032	3038	3053	rVB4	189074	500734	2.99%	0.430%
95	21.133	3078	3085	3090	rBV2	2094477	3856260	23.06%	3.315%
96	21.180	3090	3093	3102	rVB	618256	862637	5.16%	0.742%
97	21.310	3112	3115	3120	rVB	108036	141539	0.85%	0.122%
98	23.045	3405	3410	3417	rBV	139651	376899	2.25%	0.324%
99	23.727	3519	3526	3533	rBV	908436	1916062	11.46%	1.647%
100	23.915	3550	3558	3574	rVB	1122140	2522544	15.08%	2.169%

Sum of corrected areas: 116318646

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
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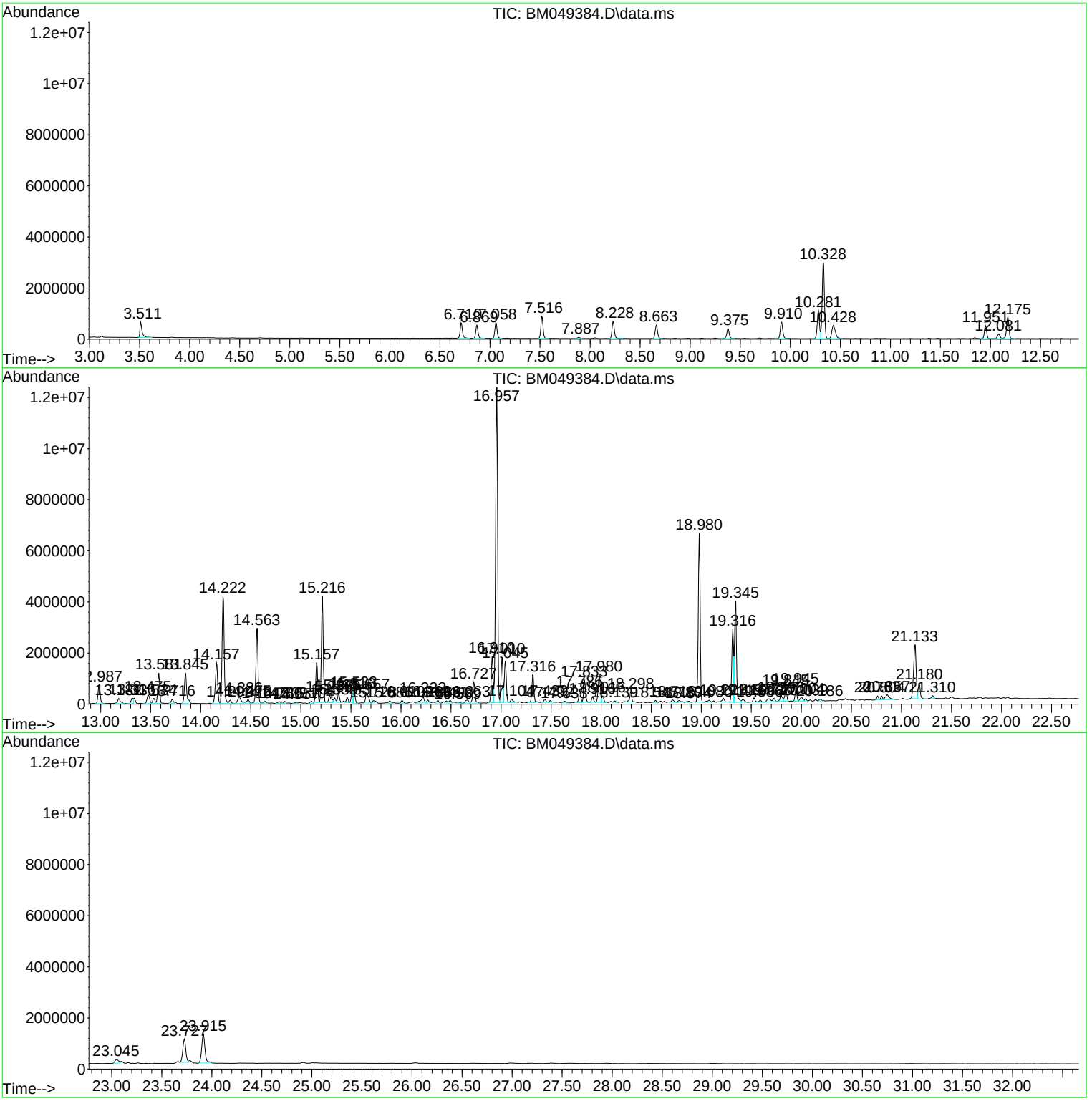
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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 : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

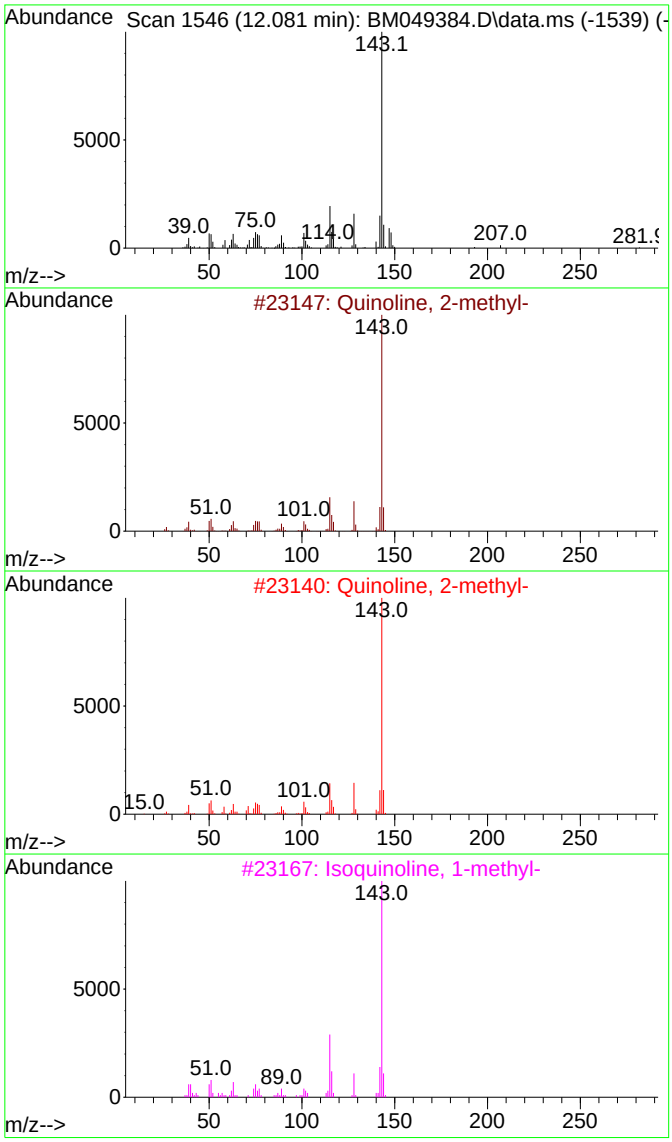
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

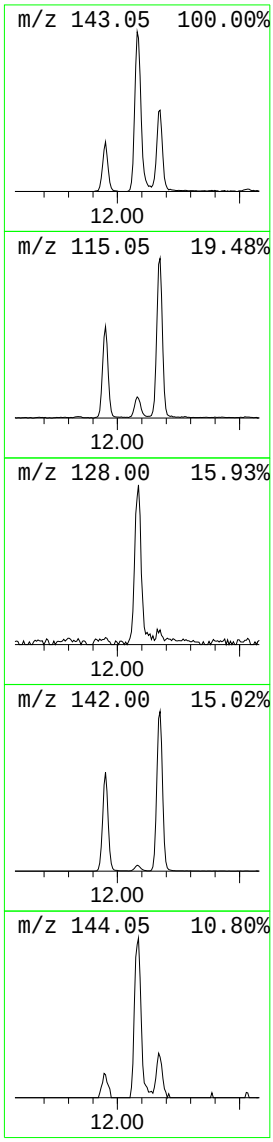
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Quinoline, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	3.70 ng/ul	334406	Naphthalene-d8	10.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	94
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	87
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
5	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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

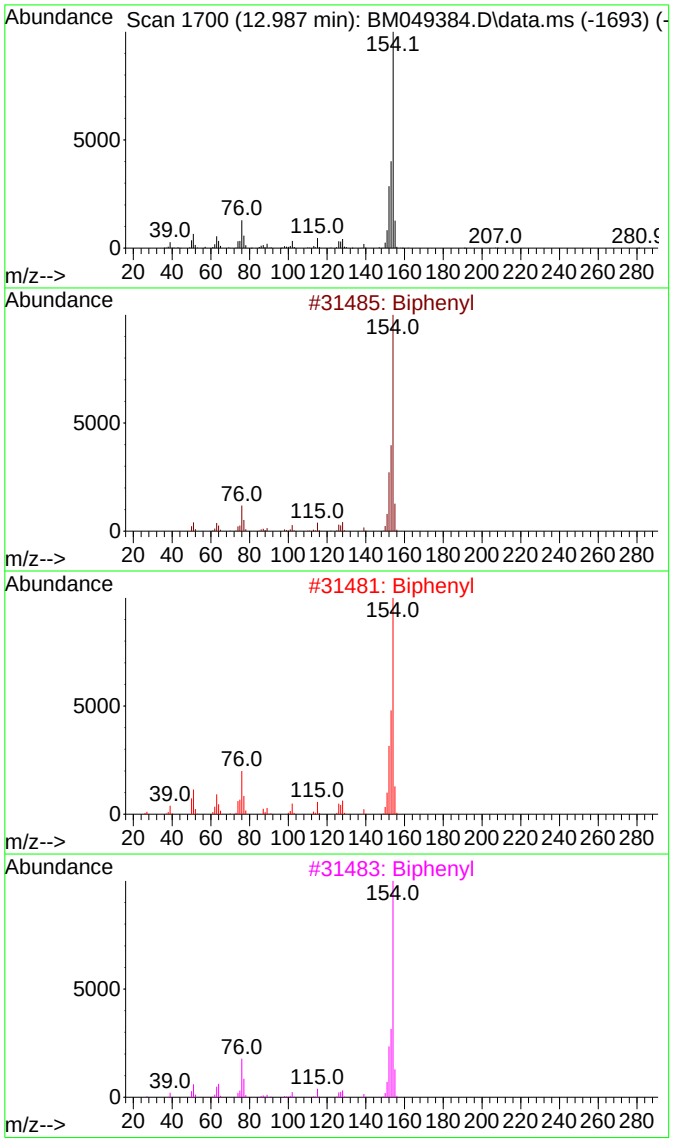
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

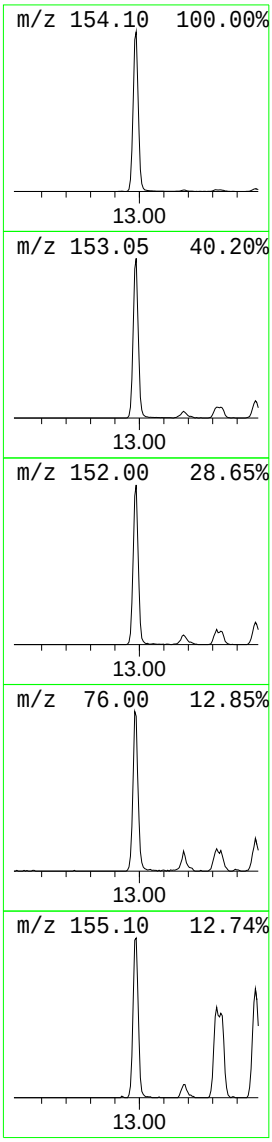
****

Peak Number 2 Biphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	8.80 ng/ul	1111290	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	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	92
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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

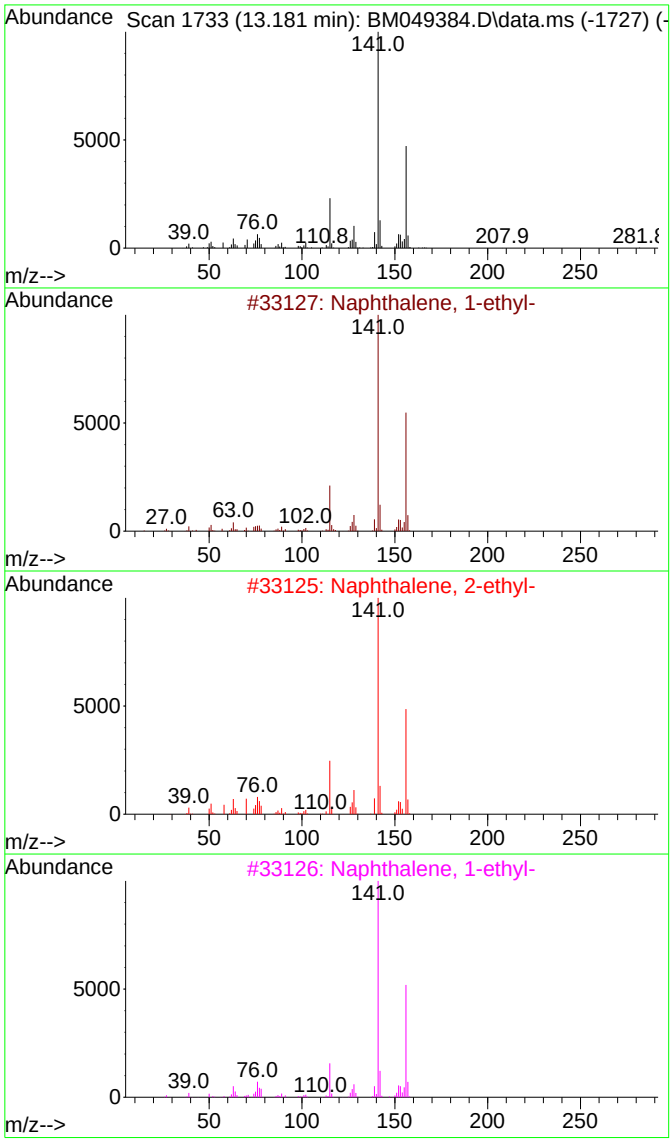
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

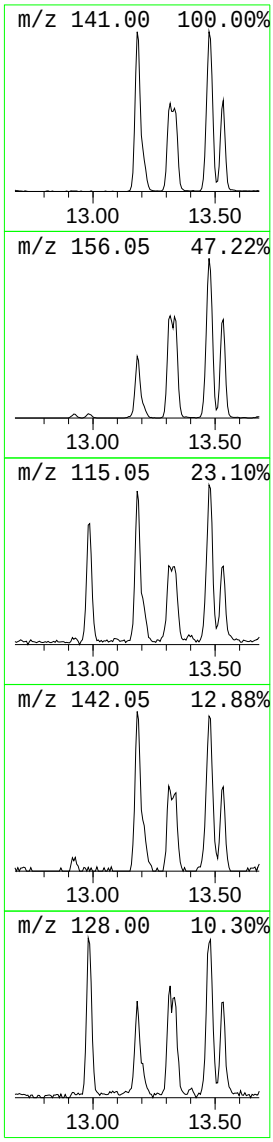
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.181	3.08 ng/ul	389184	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
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	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

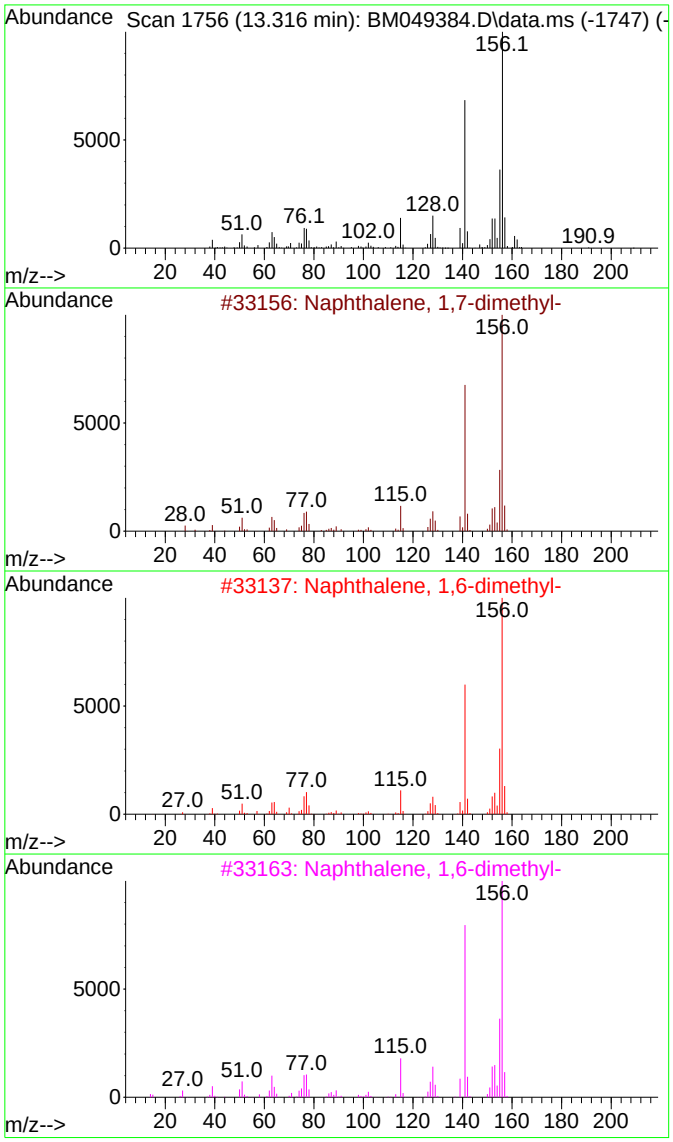
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

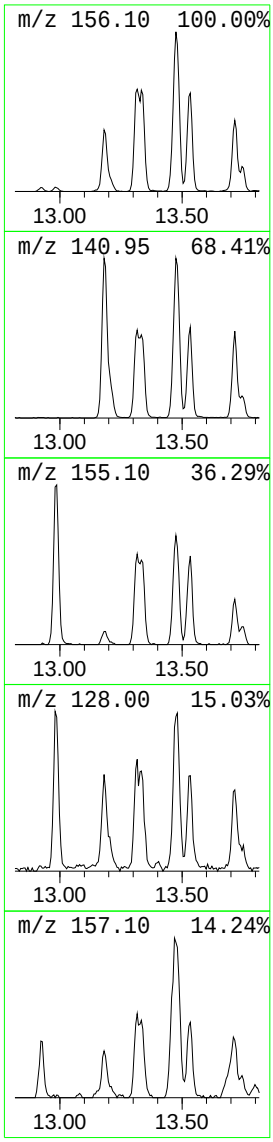
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	2.89 ng/ul	364178	Acenaphthene-d10	14.157

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

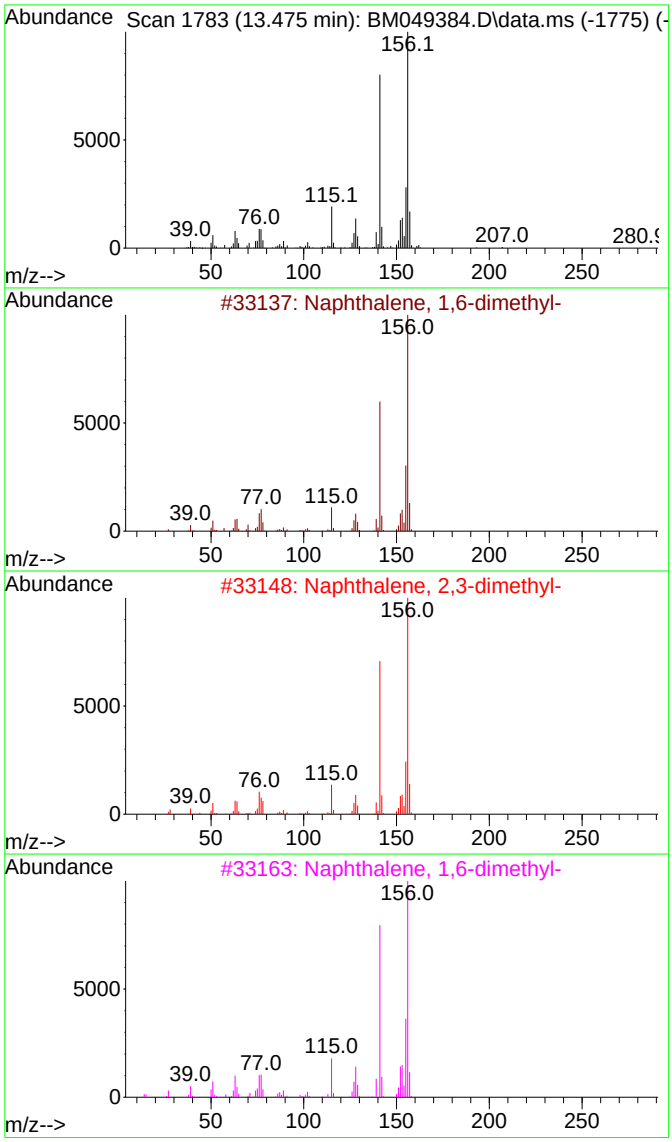
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

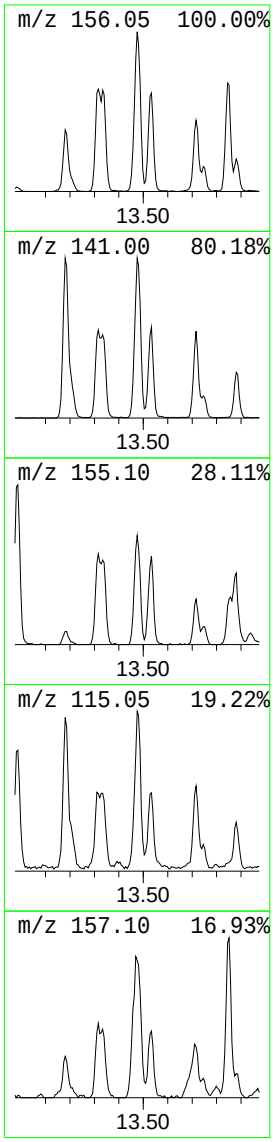
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	4.90 ng/ul	617966	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH1

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Quant Title : SVOA CALIBRATION

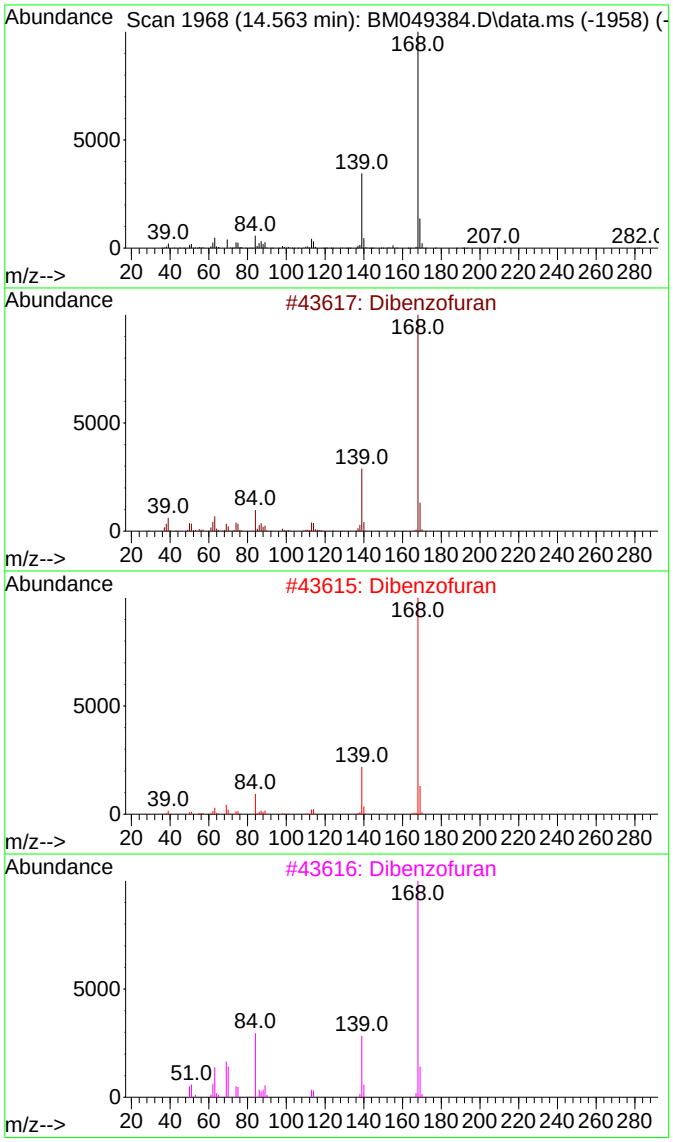
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

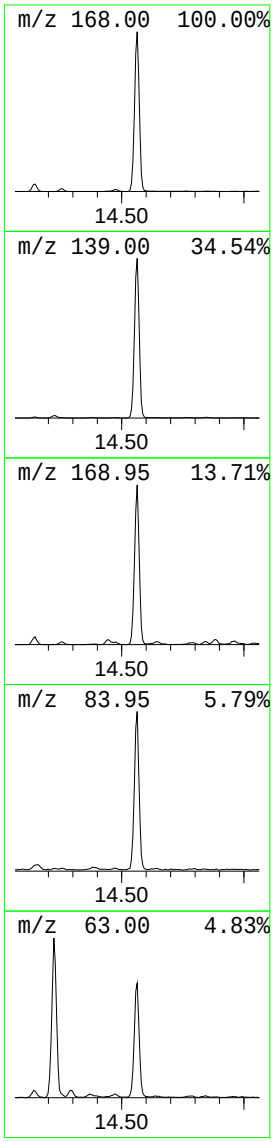
****

Peak Number 7 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	32.70 ng/ul	4127110	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	87
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	59
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH1

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Quant Title : SVOA CALIBRATION

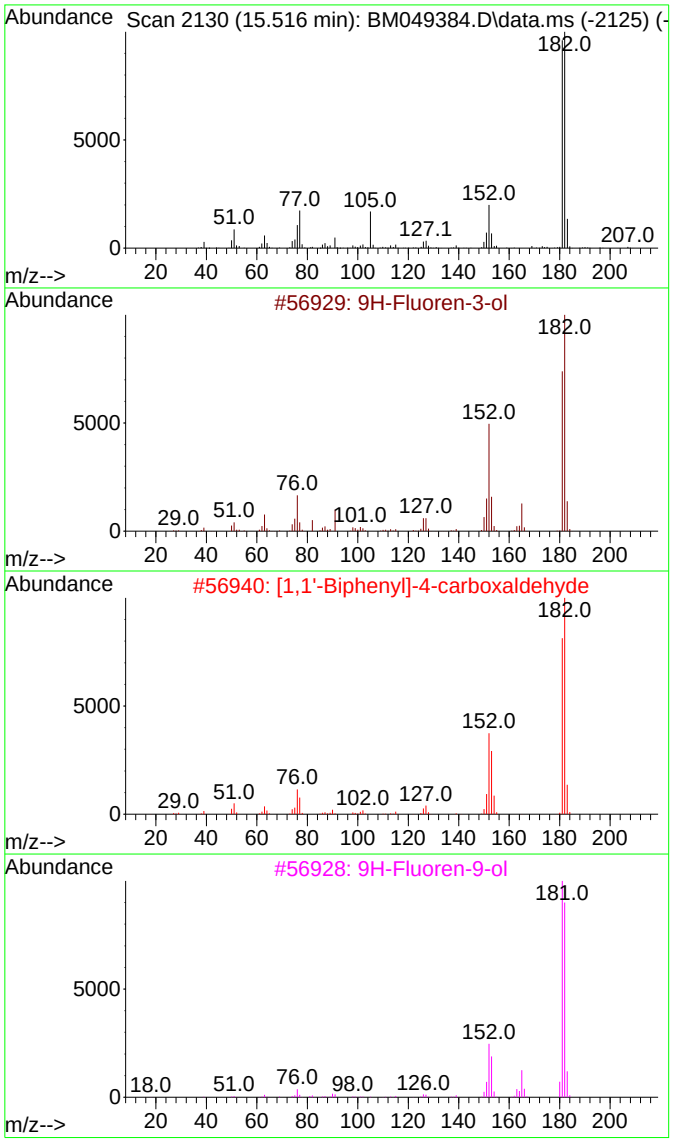
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

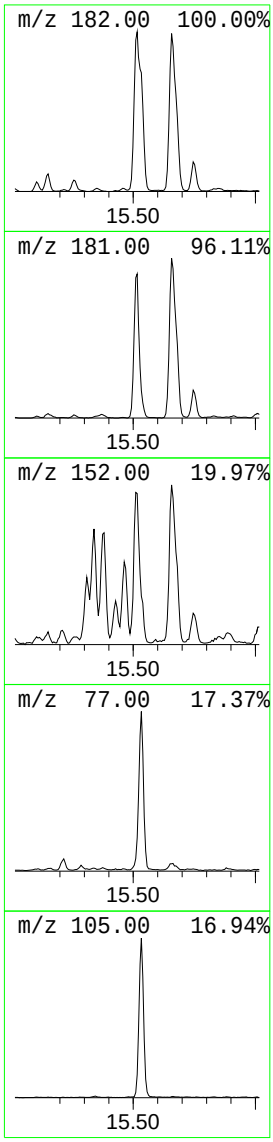
****

Peak Number 9 9H-Fluoren-3-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	4.40 ng/ul	556004	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64
5	5-Methylpyrimido[3,4-a]indole	182	C12H10N2	030689-02-2	53





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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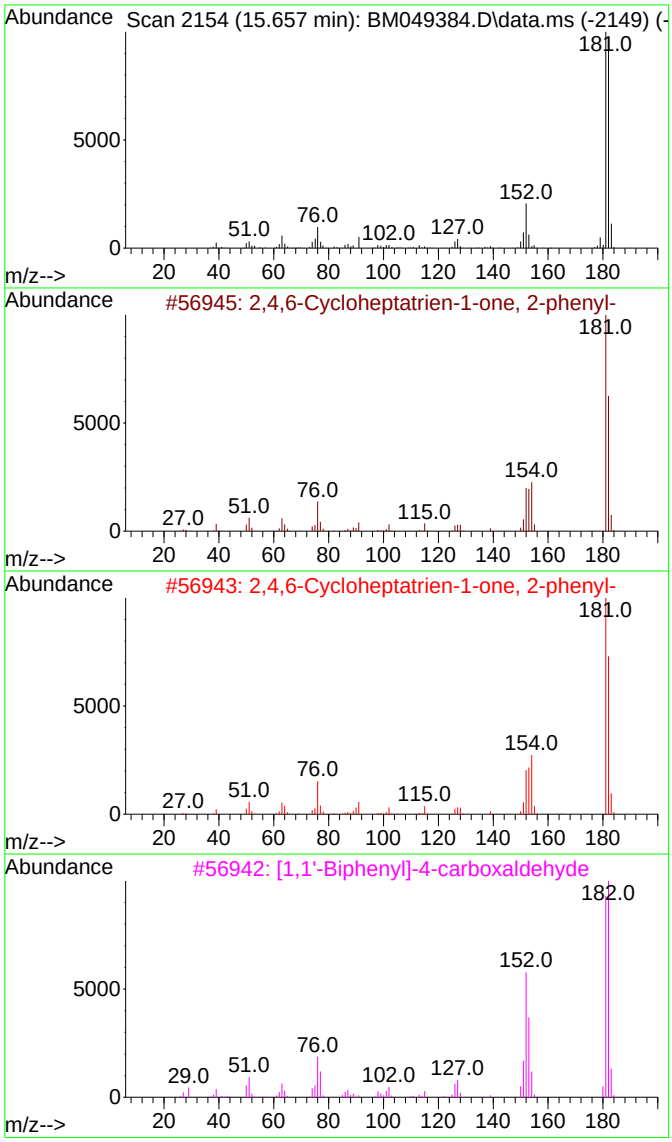
Quant Title : SVOA CALIBRATION

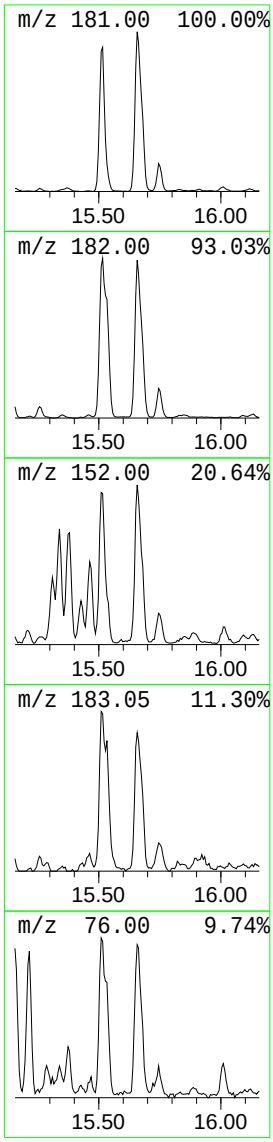
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	6.36 ng/ul	765386	Phenanthrene-d10	16.910

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	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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ClientSampleId :
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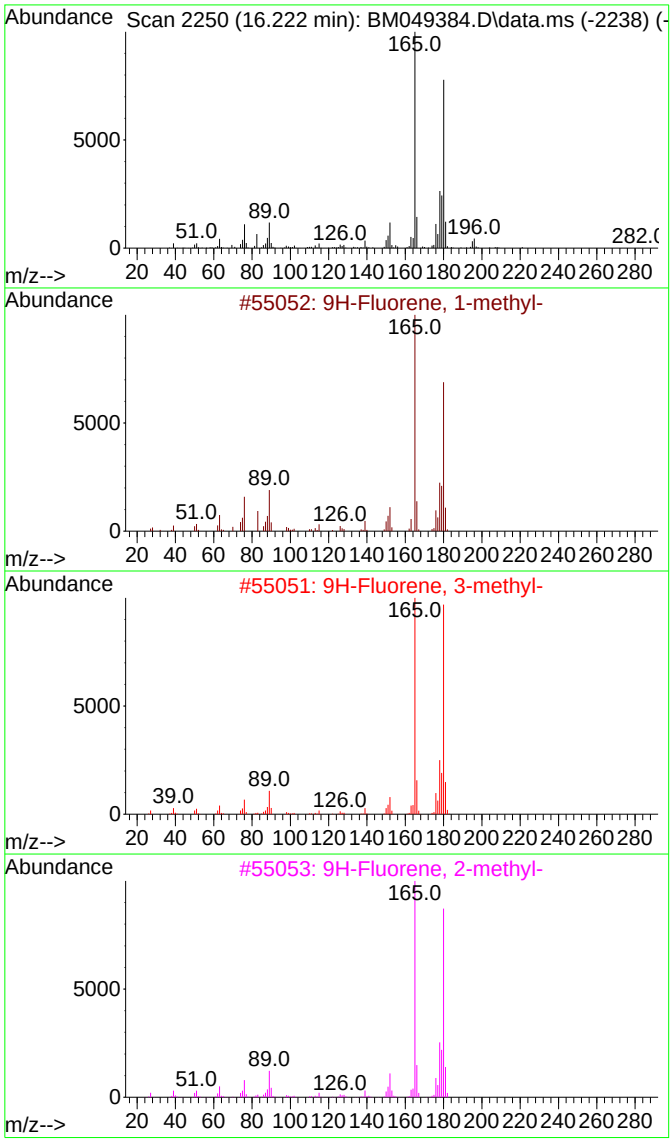
Quant Title : SVOA CALIBRATION

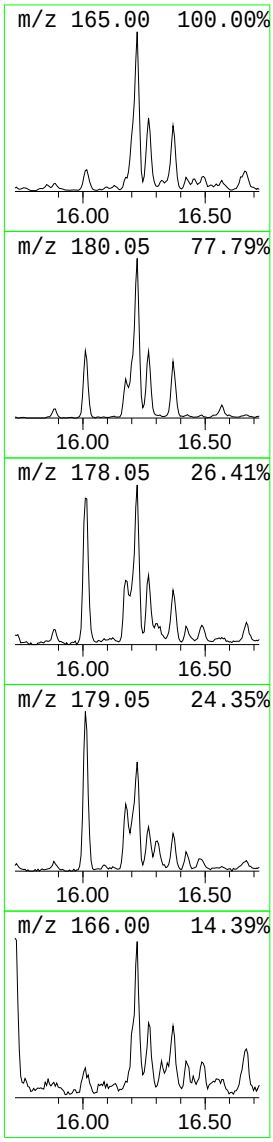
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	4.54 ng/ul	547114	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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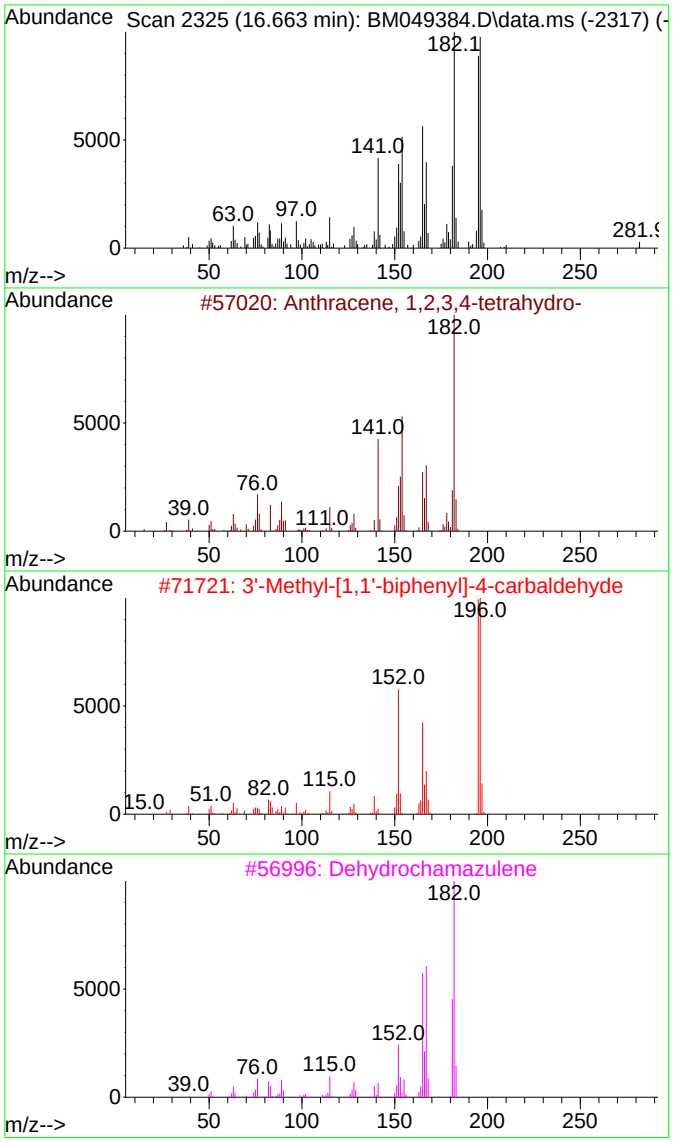
Quant Title : SVOA CALIBRATION

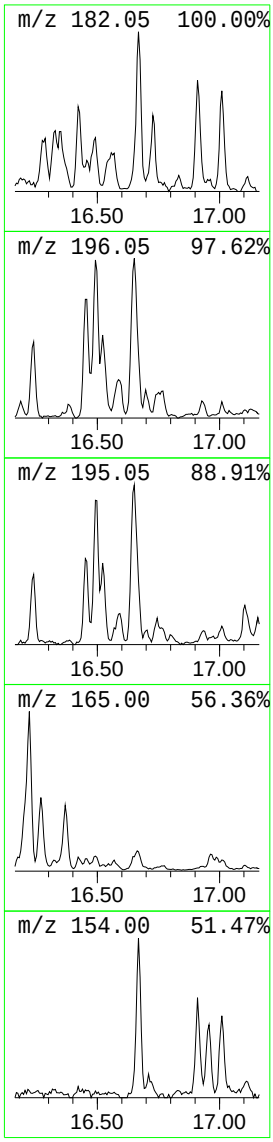
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	2.37 ng/ul	284888	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	50
3	Dehydrochamazulene	182	C14H14	321732-25-6	47
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

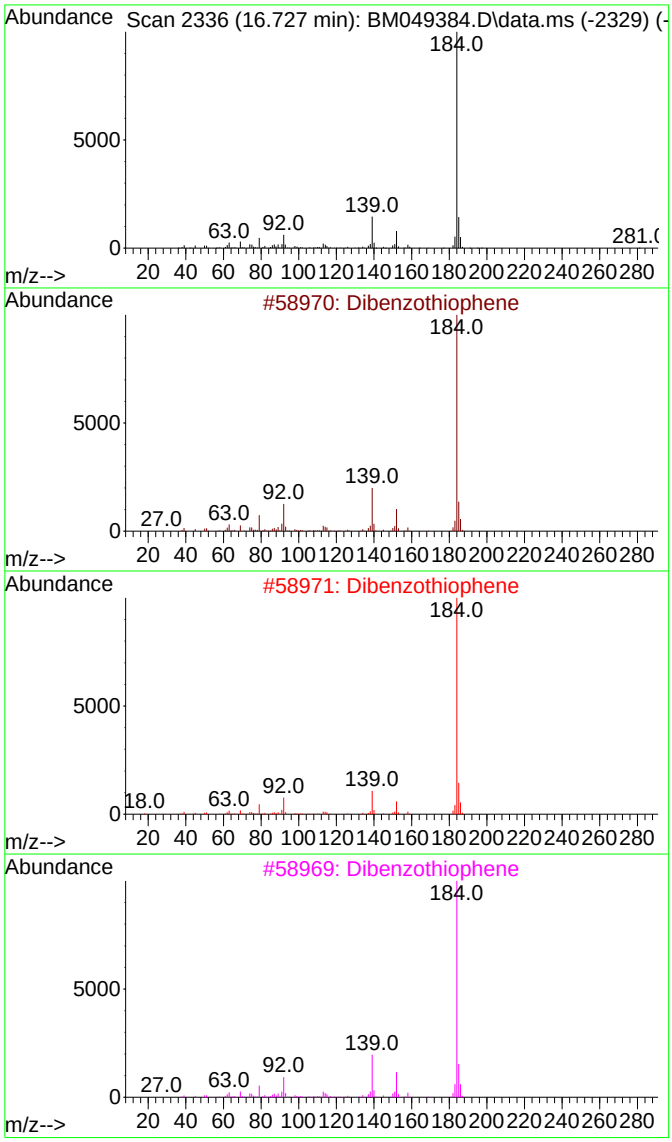
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

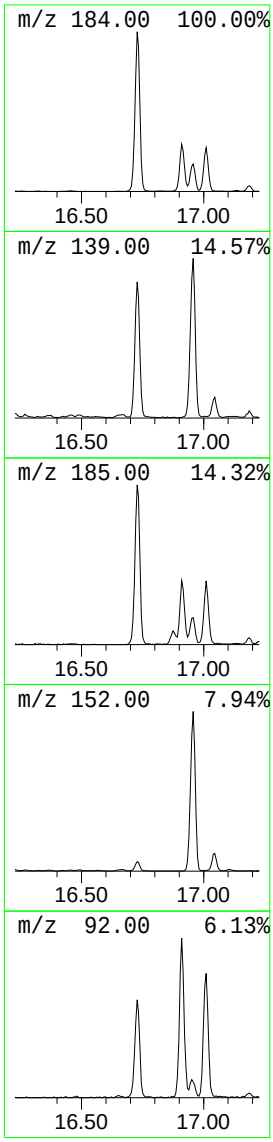
****

Peak Number 14 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	10.43 ng/ul	1255730	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

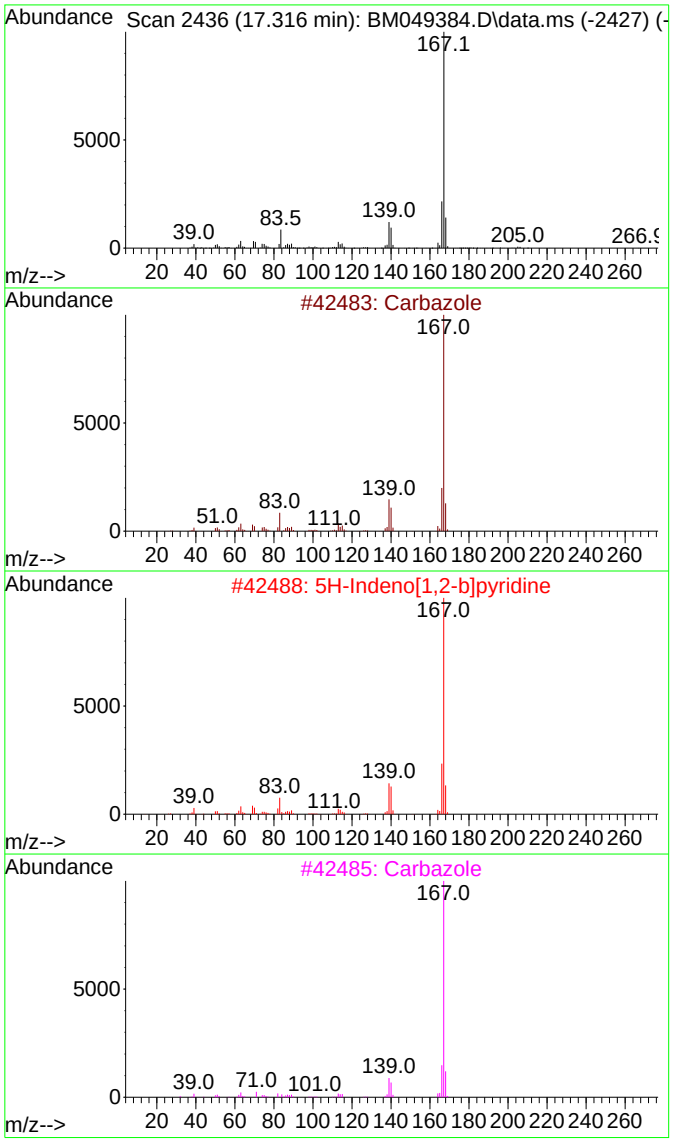
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

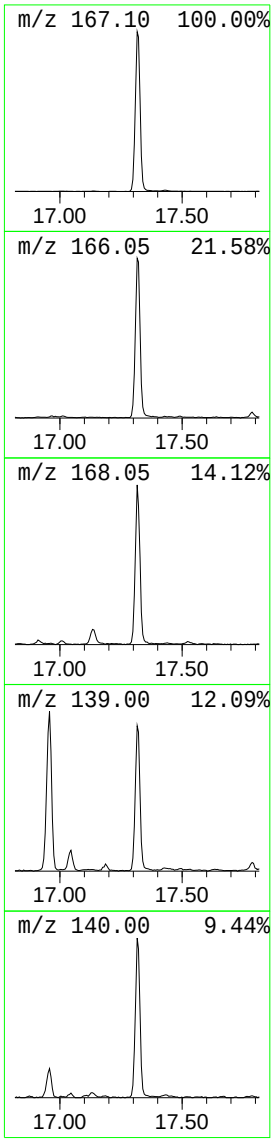
****

Peak Number 15 Carba zole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.316	12.53 ng/ul	1508630	Phenanthrene-d10	16.910

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





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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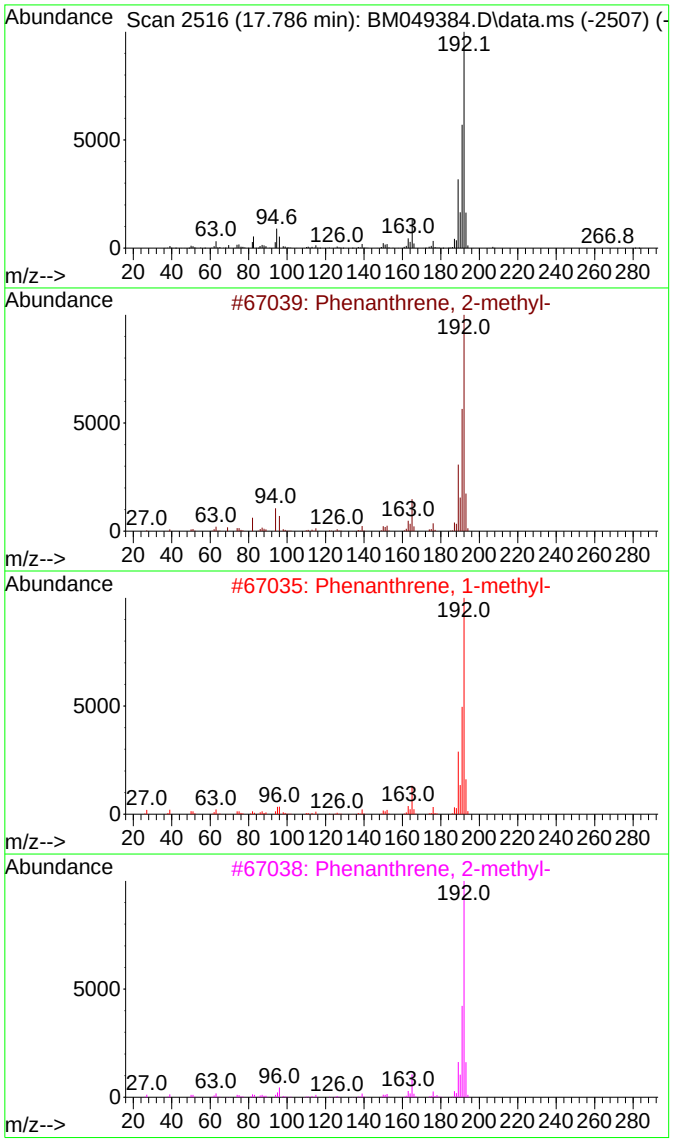
Quant Title : SVOA CALIBRATION

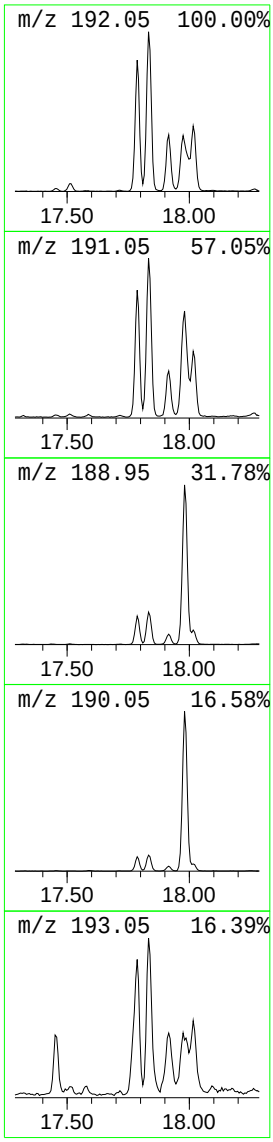
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	5.95 ng/ul	716264	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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Quant Title : SVOA CALIBRATION

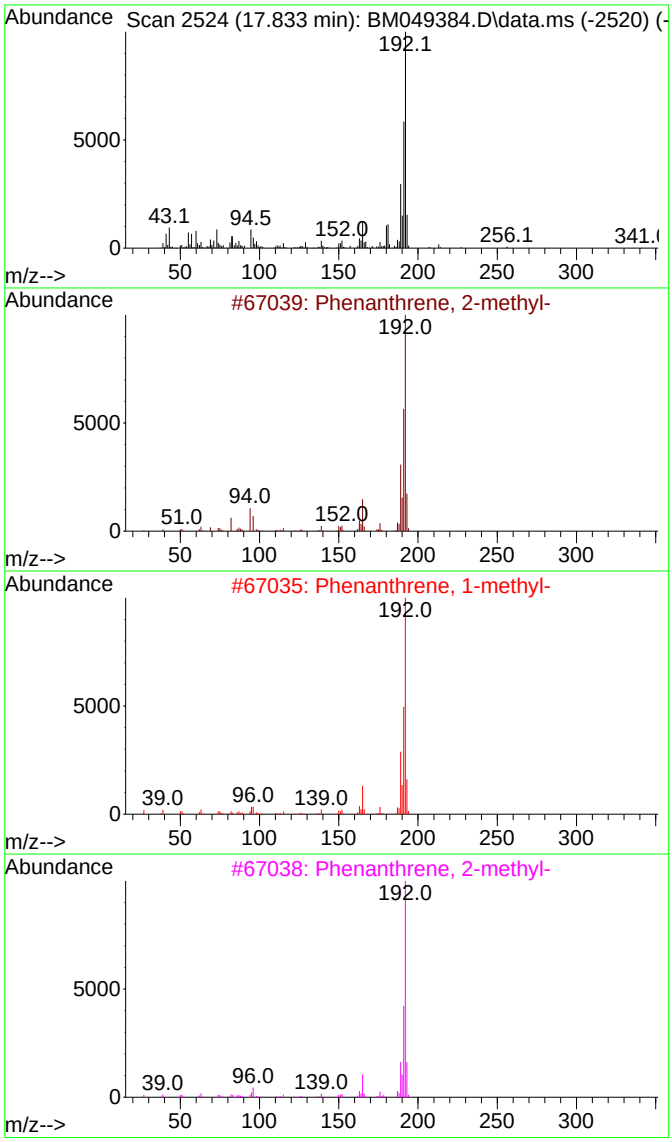
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

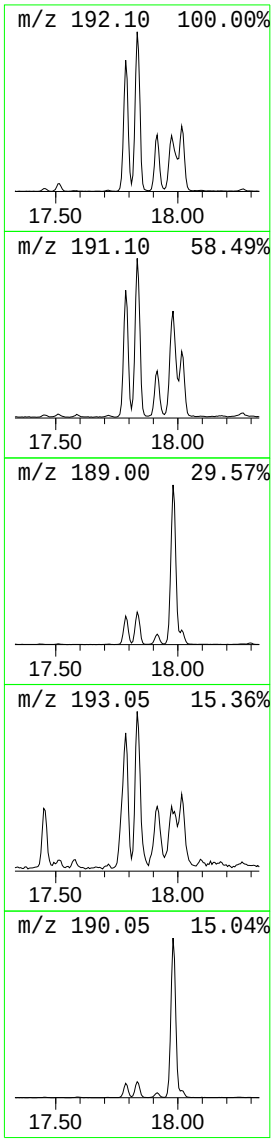
****

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	9.83 ng/ul	1183780	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	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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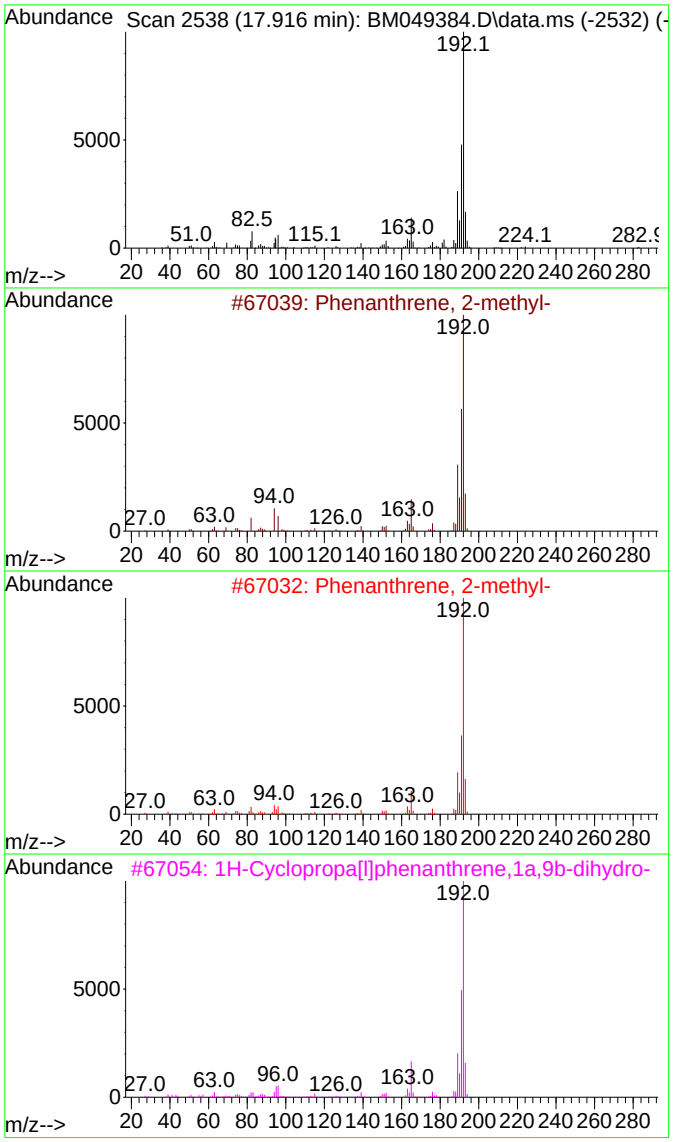
Quant Title : SVOA CALIBRATION

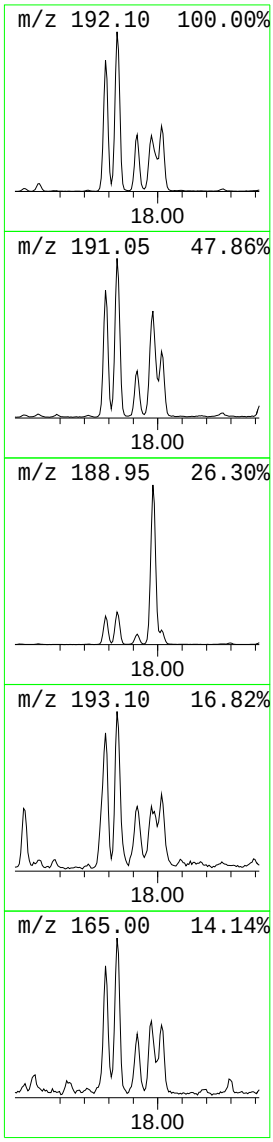
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	2.52 ng/ul	302975	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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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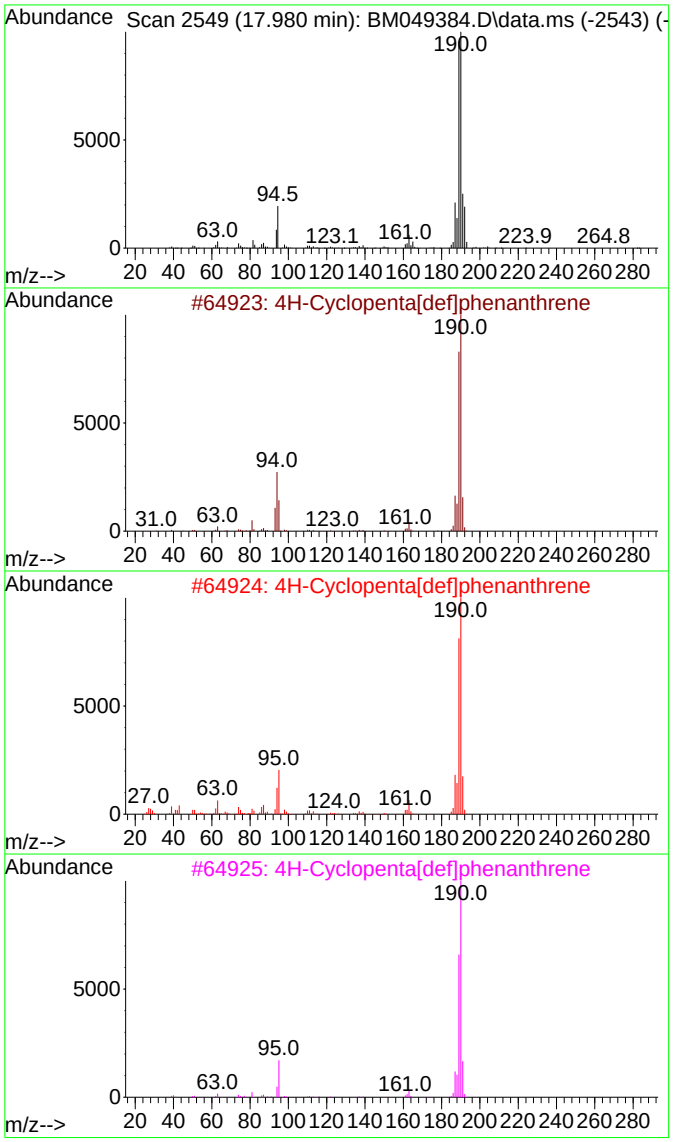
Quant Title : SVOA CALIBRATION

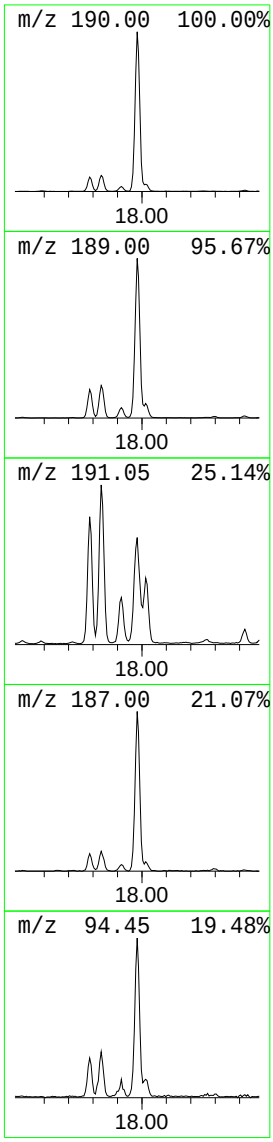
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	13.62 ng/ul	1640640	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	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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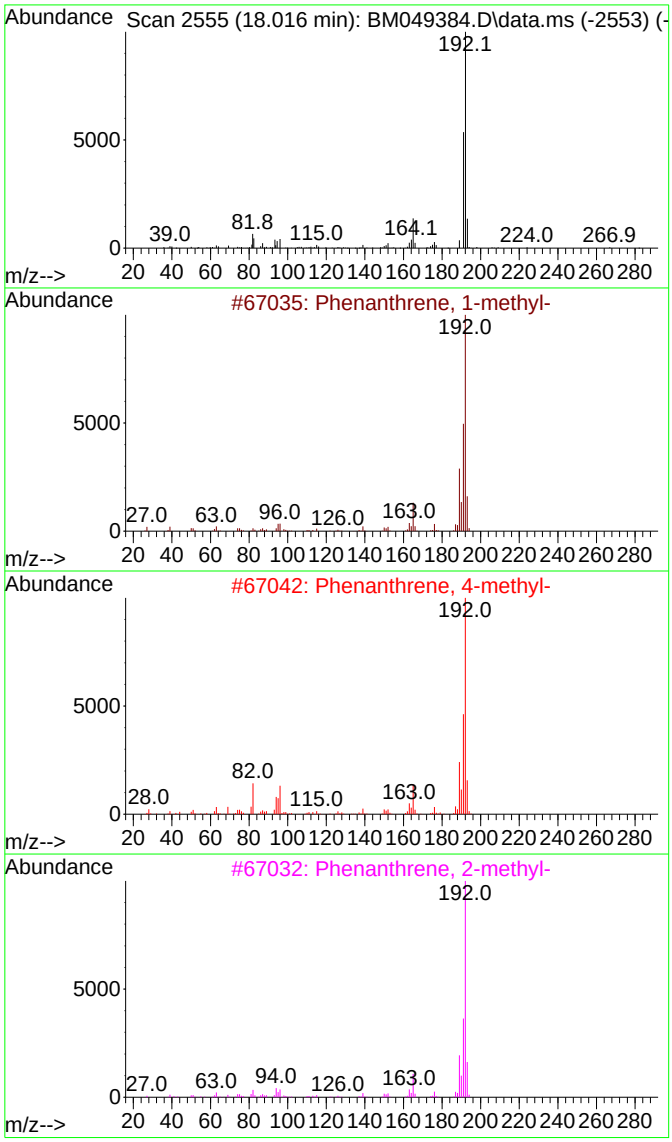
Quant Title : SVOA CALIBRATION

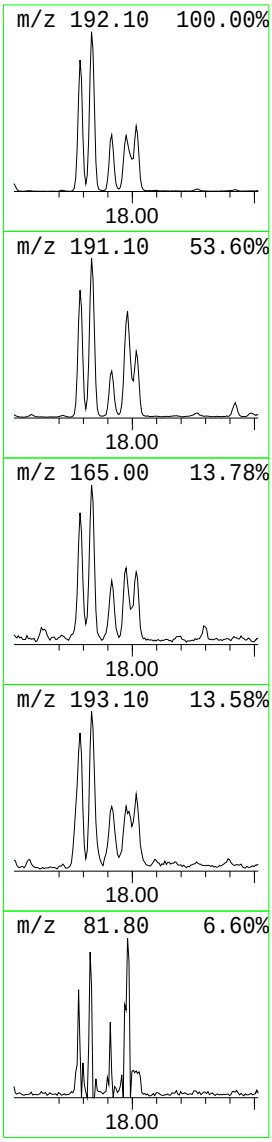
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	2.65 ng/ul	318748	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

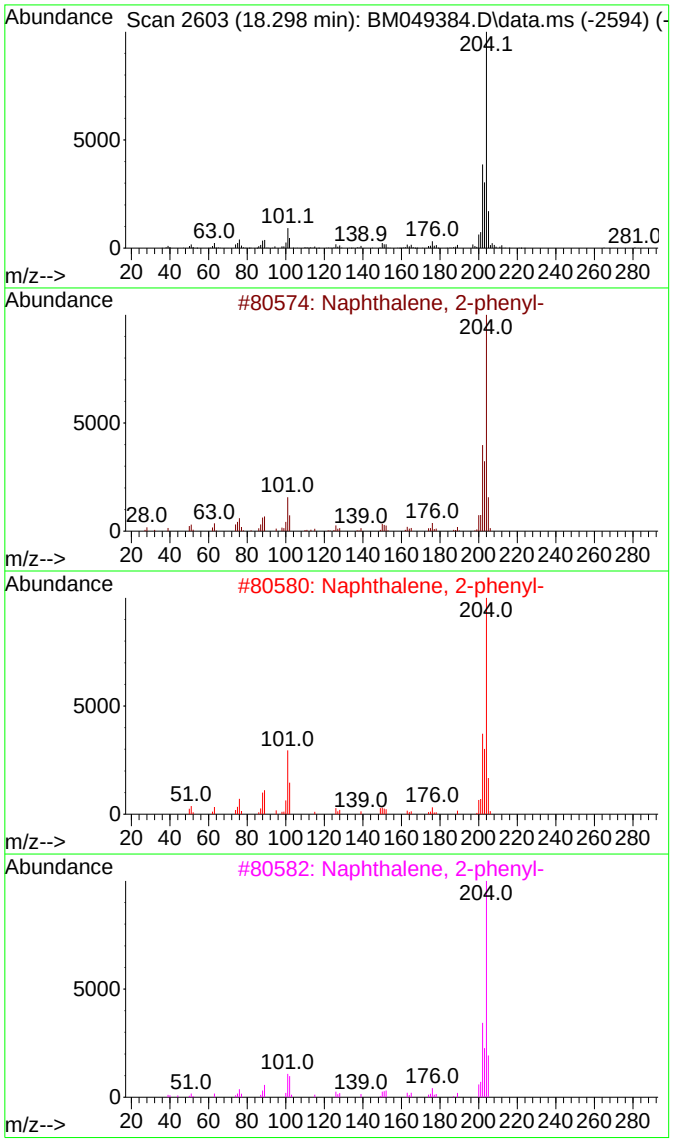
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

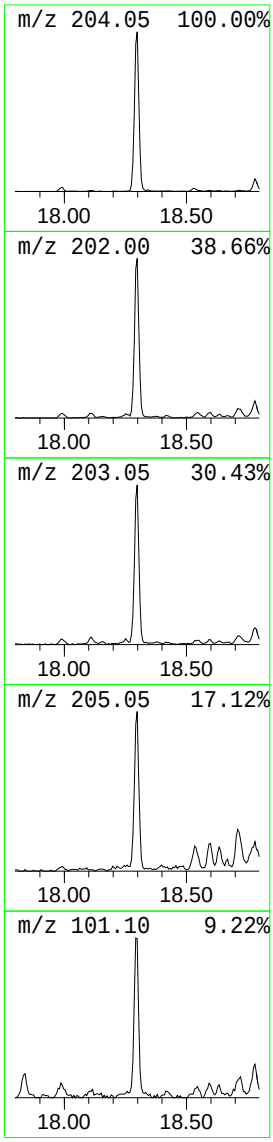
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.65 ng/ul	559481	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
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	91
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91





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Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

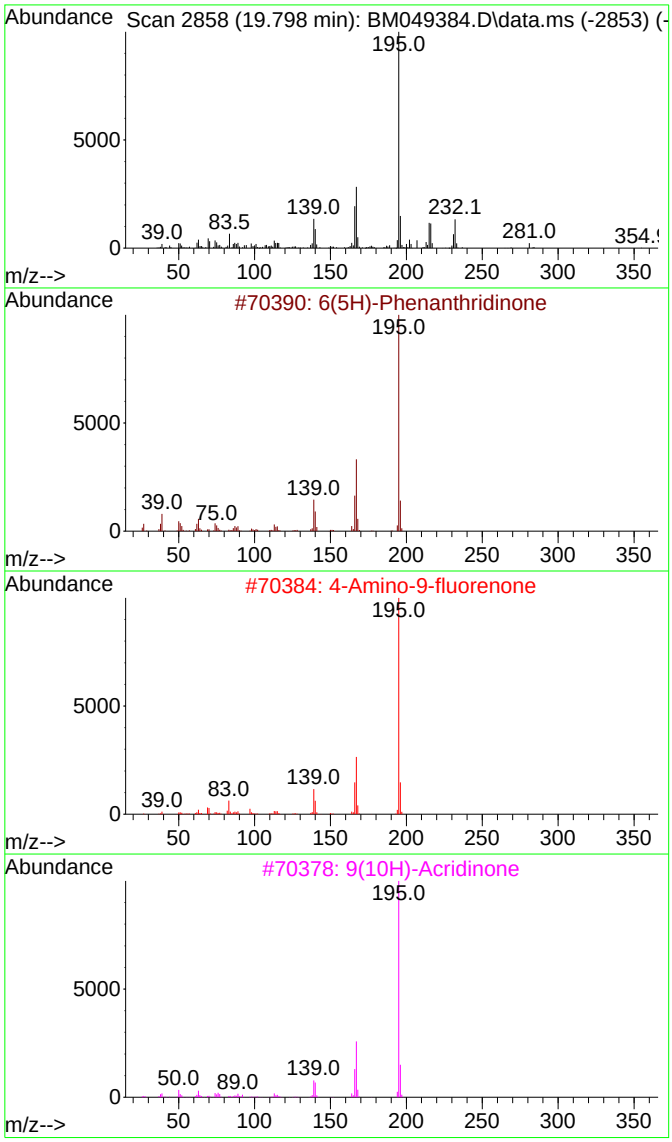
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

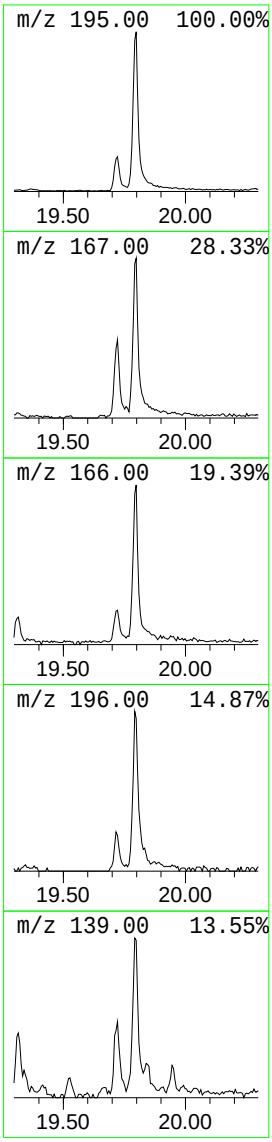
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 6(5H)-Phenanthridinone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.798	2.21 ng/ul	425935	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	94
5	9-Acridinol	195	C13H9NO	000643-62-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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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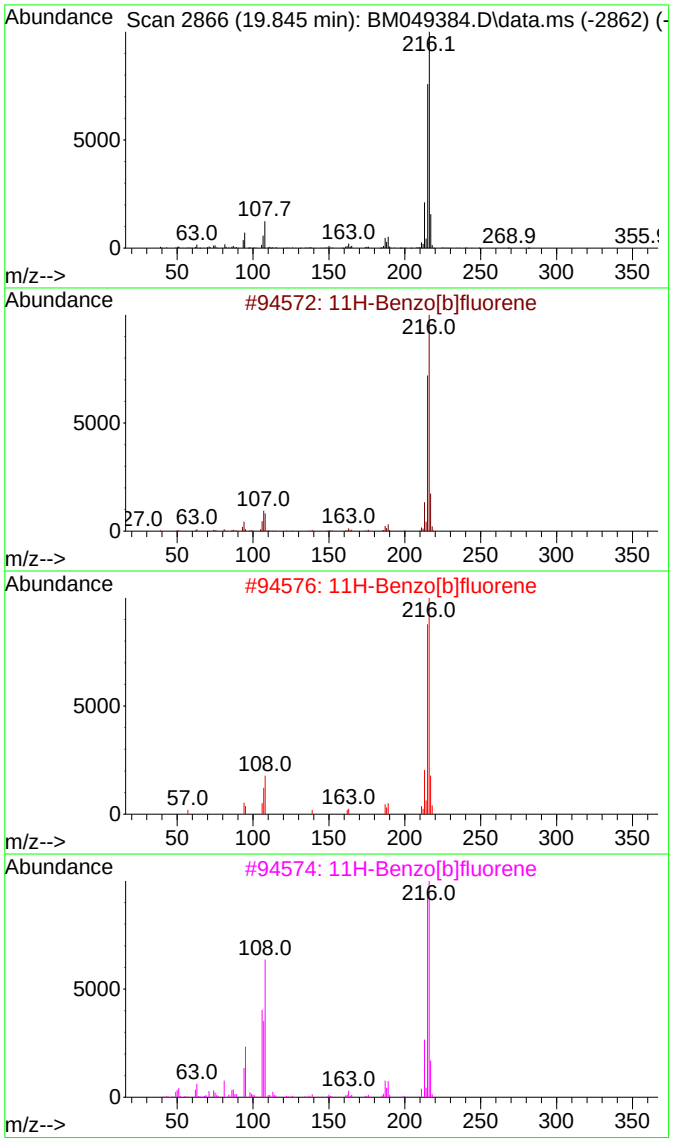
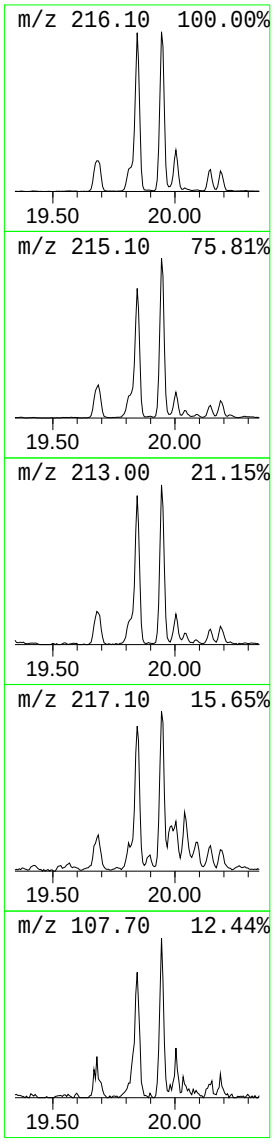
Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	3.43 ng/ul	661016	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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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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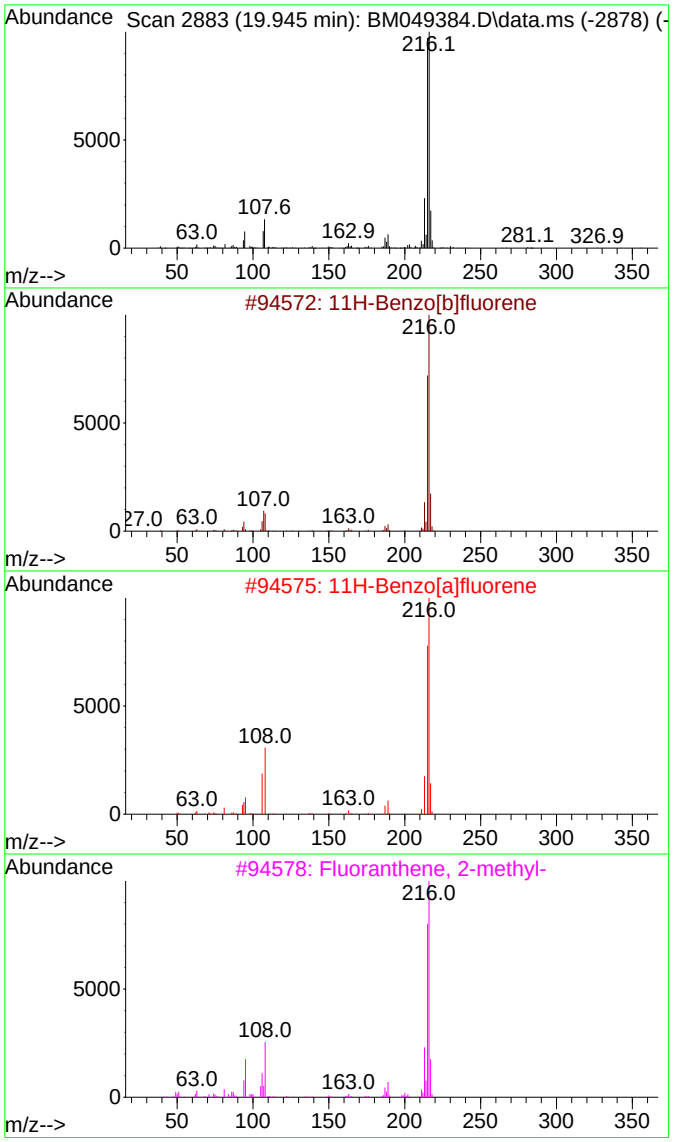
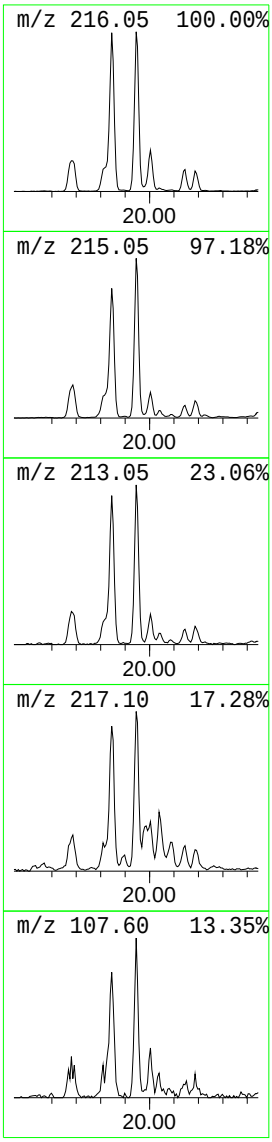
Peak Number 24 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	3.53 ng/ul	680358	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049384.D
Acq On : 22 Jan 2025 15:33
Operator : RC/JU
Sample : Q1139-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1

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...	12.081	3.7	ng/ul	334406	2	10.281	1807070	20.0
Biphenyl	12.986	8.8	ng/ul	1111290	3	14.157	2524500	20.0
Naphthalene, 1-...	13.181	3.1	ng/ul	389184	3	14.157	2524500	20.0
Naphthalene, 1,...	13.316	2.9	ng/ul	364178	3	14.157	2524500	20.0
Naphthalene, 1,...	13.475	4.9	ng/ul	617966	3	14.157	2524500	20.0
Dibenzo furan	14.563	32.7	ng/ul	4127110	3	14.157	2524500	20.0
9H-Fluoren-3-ol	15.516	4.4	ng/ul	556004	3	14.157	2524500	20.0
2,4,6-Cycloheptr...	15.657	6.4	ng/ul	765386	4	16.910	2408660	20.0
9H-Fluorene, 1-...	16.222	4.5	ng/ul	547114	4	16.910	2408660	20.0
Anthracene, 1,2...	16.663	2.4	ng/ul	284888	4	16.910	2408660	20.0
Dibenzothiophene	16.727	10.4	ng/ul	1255730	4	16.910	2408660	20.0
Carba zole	17.316	12.5	ng/ul	1508630	4	16.910	2408660	20.0
Phenanthrene, 2...	17.786	6.0	ng/ul	716264	4	16.910	2408660	20.0
Phenanthrene, 1...	17.833	9.8	ng/ul	1183780	4	16.910	2408660	20.0
1H-Cyclopropa[l...	17.916	2.5	ng/ul	302975	4	16.910	2408660	20.0
4H-Cyclopenta[d...	17.980	13.6	ng/ul	1640640	4	16.910	2408660	20.0
Phenanthrene, 4...	18.016	2.6	ng/ul	318748	4	16.910	2408660	20.0
Naphthalene, 2-...	18.298	4.7	ng/ul	559481	4	16.910	2408660	20.0
6(5H)-Phenanthr...	19.798	2.2	ng/ul	425935	5	21.139	3856260	20.0
11H-Benzo[b]flu...	19.845	3.4	ng/ul	661016	5	21.139	3856260	20.0
11H-Benzo[a]flu...	19.945	3.5	ng/ul	680358	5	21.139	3856260	20.0