LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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: BM049428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.528	89	92	99	rBV6	18846	35475	0.37%	0.061%
2	7.516	763	770	784	rBV	896392	1430423	14.85%	2.444%
3	7.887	827	833	839	rVB	33301	53640	0.56%	0.092%
4	8.245	888	894	902	rBV4	18041	39532	0.41%	0.068%
5	8.669	961	966	974	rVB4	15703	38280	0.40%	0.065%
6	9.928	1173	1180	1186	rBV5	28746	64245	0.67%	0.110%
7	10.275	1232	1239	1243	rBV	1089197	1827101	18.97%	3.122%
8	10.328	1243	1248	1258	rVV	2923864	4766198	49.49%	8.143%
9	10.445	1261	1268	1277	rVB	109057	198775	2.06%	0.340%
10	11.833	1499	1504	1511	rVB	18874	35498	0.37%	0.061%
11	11.945	1514	1523	1534	rBV	1263771	2036375	21.14%	3.479%
12	12.069	1538	1544	1549	rVV2	24608	49039	0.51%	0.084%
13	12.169	1551	1561	1574	rVB	608148	1024387	10.64%	1.750%
14	12.980	1693	1699	1710	rBV	455926	696170	7.23%	1.189%
15	13.180	1727	1733	1746	rVB	132491	251682	2.61%	0.430%
16	13.316	1746	1756	1757	rBV	148628	226816	2.36%	0.388%
17	13.474	1776	1783	1788	rBV	222520	390377	4.05%	0.667%
18	13.527	1788	1792	1797	rVV	149933	225290	2.34%	0.385%
19	13.574	1797	1800	1807	rVB	47144	71345	0.74%	0.122%
20	13.710	1818	1823	1827	rBV	88154	145007	1.51%	0.248%
21	13.745	1827	1829	1834	rVB2	33333	37194	0.39%	0.064%
22	13.845	1840	1846	1848	rBV	57041	81040	0.84%	0.138%
23	13.880	1848	1852	1863	rVB	86030	139739	1.45%	0.239%
24	14.157	1890	1899	1904	rVV	1661758	2494431	25.90%	4.262%
25	14.221	1904	1910	1919	rVV	1292104	1920448	19.94%	3.281%
26	14.292	1919	1922	1930	rVB	67033	102668	1.07%	0.175%
27	14.368	1930	1935	1943	rBV3	31073	73211	0.76%	0.125%
28	14.468	1945	1952	1958	rVB2	43683	80409	0.83%	0.137%
29	14.557	1958	1967	1976	rBV	1563756	2248296	23.34%	3.841%
30	14.639	1977	1981	1986	rVB	40790	56868	0.59%	0.097%
31	14.786	1999	2006	2011	rBV3	29830	51229	0.53%	0.088%
32	14.839	2011	2015	2019	rVB	41483	54482	0.57%	0.093%
33	14.957	2027	2035	2038	rBV4	27472	53688	0.56%	0.092%
34	15.110	2055	2061	2064	rVV3	21805	35899	0.37%	0.061%
35	15.151	2064	2068	2073	rVV2	75897	123596	1.28%	0.211%
36	15.210	2073	2078	2084	rVV	990995	1411339	14.65%	2.411%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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	15.251	2084	2085	2090	rVV4	26329	37603	0.39%	0.064%
38	15.310	2090	2095	2097	rVV2	42537	72883	0.76%	0.125%
39	15.339	2097	2100	2102	rVV2	72550	99069	1.03%	0.169%
40	15.374	2102	2106	2111	rVV2	136563	213472	2.22%	0.365%
41	15.427	2111	2115	2117	rVV5	28568	48969	0.51%	0.084%
42	15.462	2117	2121	2125	rVV	90621	144415	1.50%	0.247%
43	15.510	2125	2129	2139	rVV	243581	380283	3.95%	0.650%
44	15.657	2147	2154	2163	rVV	219527	479772	4.98%	0.820%
45	15.745	2163	2169	2176	rVB2	46123	85021	0.88%	0.145%
46	15.904	2189	2196	2200	rBV7	27332	52485	0.54%	0.090%
47	16.033	2213	2218	2222	rVV2	29560	43804	0.45%	0.075%
48	16.221	2244	2250	2255	rVV2	84026	172034	1.79%	0.294%
49	16.268	2255	2258	2264	rVV2	41262	65280	0.68%	0.112%
50	16.368	2270	2275	2279	rVB3	29309	53376	0.55%	0.091%
51	16.427	2279	2285	2286	rBV4	23403	35717	0.37%	0.061%
52	16.451	2286	2289	2292	rVV	47435	69601	0.72%	0.119%
53	16.492	2292	2296	2299	rVV2	58804	91981	0.96%	0.157%
54	16.562	2303	2308	2317	rVV	254683	393477	4.09%	0.672%
55	16.645	2317	2322	2328	rVV2	57570	138432	1.44%	0.237%
56	16.727	2328	2336	2346	rVB	400510	627130	6.51%	1.071%
57	16.909	2357	2367	2370	rBV	1864443	2564980	26.63%	4.382%
58	16.951	2370	2374	2380	rVV	7412396	9630828	100.00%	16.455%
59	17.009	2380	2384	2386	rVV2	160472	264473	2.75%	0.452%
60	17.039	2386	2389	2396	rVV	516390	698282	7.25%	1.193%
61	17.104	2396	2400	2408	rVV7	24721	59729	0.62%	0.102%
62	17.315	2430	2436	2441	rBV	267665	371301	3.86%	0.634%
63	17.439	2452	2457	2462	rBV2	86045	129487	1.34%	0.221%
64	17.492	2462	2466	2475	rVB2	53239	94962	0.99%	0.162%
65	17.633	2485	2490	2498	rVB2	33765	66224	0.69%	0.113%
66	17.786	2510	2516	2520	rBV	250296	367678	3.82%	0.628%
67	17.833	2520	2524	2530	rVB	362245	488073	5.07%	0.834%
68	17.915	2532	2538	2543	rVV	129405	186654	1.94%	0.319%
69	17.974	2543	2548	2553	rVV2	424750	708405	7.36%	1.210%
70	18.015	2553	2555	2564	rVB	139354	171390	1.78%	0.293%
71	18.133	2572	2575	2580	rVV3	35448	42752	0.44%	0.073%
72	18.292	2595	2602	2606	rVV	225736	315643	3.28%	0.539%
73	18.333	2606	2609	2616	rVB2	36214	58552	0.61%	0.100%
74	18.539	2636	2644	2649	rBV3	37213	70238	0.73%	0.120%
75	18.633	2656	2660	2664	rVB2	28729	37970	0.39%	0.065%
76	18.709	2668	2673	2678	rBV2	49476	89512	0.93%	0.153%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCZH7DL2

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	18.780	2680	2685	2688	rBV4	30467	45517	0.47%	0.078%
78	18.851	2693	2697	2706	rBV2	52365	83055	0.86%	0.142%
79	18.974	2712	2718	2725	rBV	3286752	4355131	45.22%	7.441%
80	19.080	2733	2736	2740	rVB3	26815	36944	0.38%	0.063%
81	19.221	2755	2760	2765	rBV	75895	103757	1.08%	0.177%
82	19.339	2770	2780	2789	rVV	2052823	3399009	35.29%	5.807%
83	19.415	2789	2793	2801	rVB	66810	106309	1.10%	0.182%
84	19.527	2806	2812	2817	rBV	107142	146470	1.52%	0.250%
85	19.674	2830	2837	2843	rBV2	71366	193472	2.01%	0.331%
86	19.809	2855	2860	2861	rVV3	55819	78044	0.81%	0.133%
87	19.845	2862	2866	2871	rVB	183141	247697	2.57%	0.423%
88	19.945	2879	2883	2887	rBV	144367	179461	1.86%	0.307%
89	19.997	2887	2892	2896	rVV2	85653	135368	1.41%	0.231%
90	20.039	2896	2899	2904	rVB	42437	54838	0.57%	0.094%
91	20.139	2914	2916	2921	rVB2	31688	35361	0.37%	0.060%
92	20.192	2921	2925	2929	rBV3	37291	66318	0.69%	0.113%
93	20.762	3018	3022	3025	rBV	80233	101860	1.06%	0.174%
94	20.803	3025	3029	3032	rBV	62909	78646	0.82%	0.134%
95	20.839	3032	3035	3041	rVV3	40186	82271	0.85%	0.141%
96	21.139	3078	3086	3090	rBV2	2083383	3407347	35.38%	5.822%
97	21.174	3090	3092	3103	rVB	396889	567394	5.89%	0.969%
98	21.309	3112	3115	3119	rBV	48369	60715	0.63%	0.104%
99	23.044	3406	3410	3416	rBV	88153	200263	2.08%	0.342%
100	23.915	3551	3558	3573	rVB	1076591	2471082	25.66%	4.222%

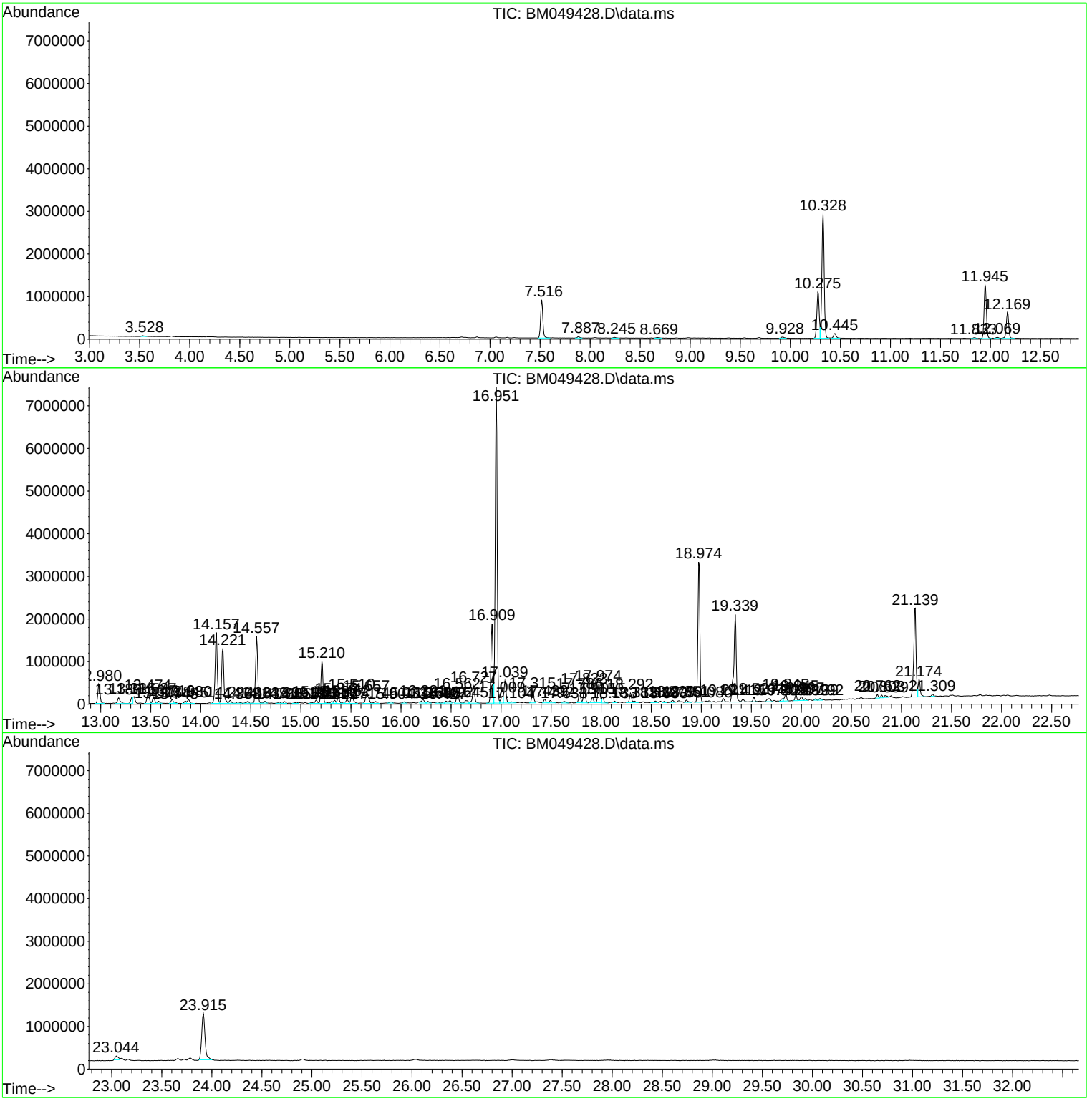
Sum of corrected areas: 58528458

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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 : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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

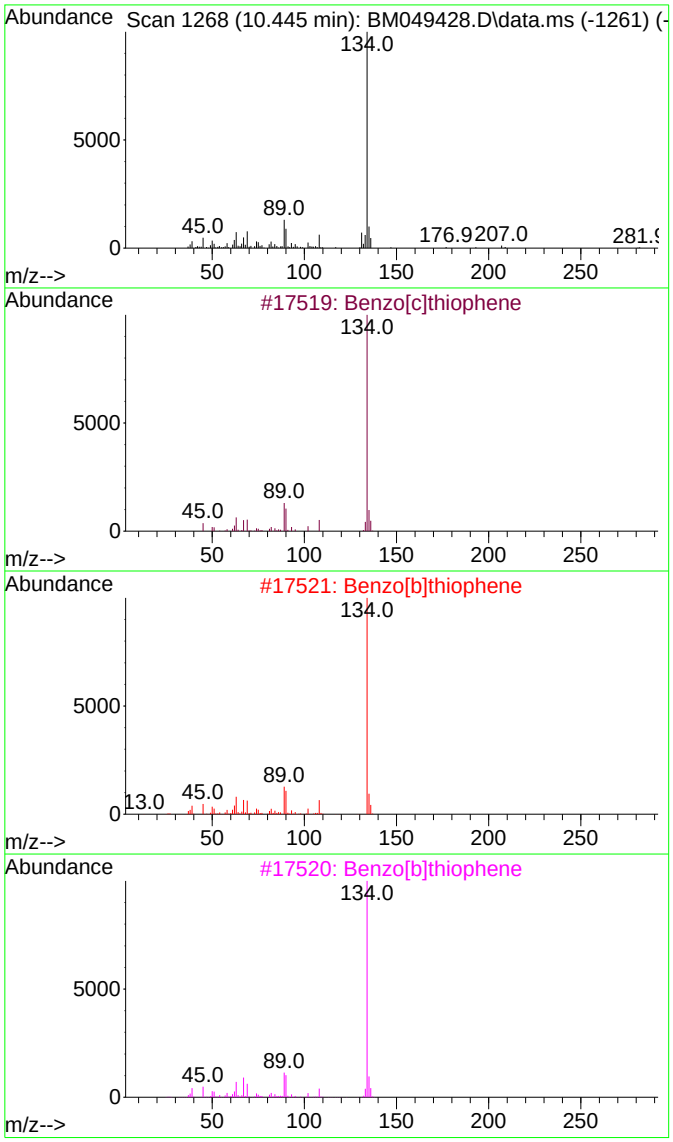
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

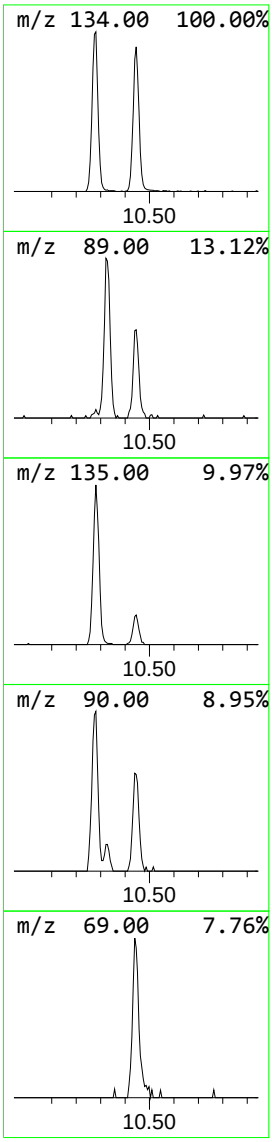
****

Peak Number 1 Benzo[c]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	2.18 ng/ul	198775	Naphthalene-d8	10.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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

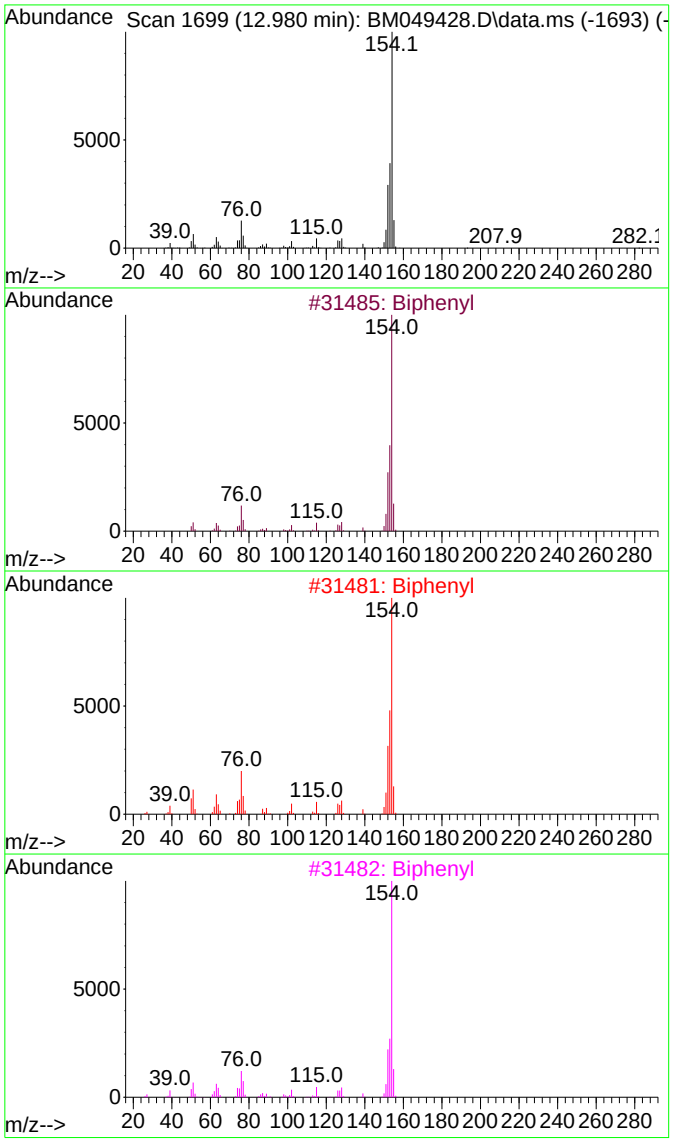
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

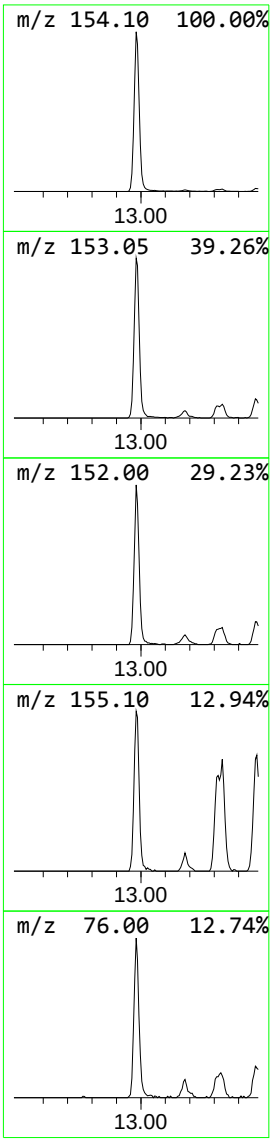
****

Peak Number 2 Biphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	5.58 ng/ul	696170	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	92
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

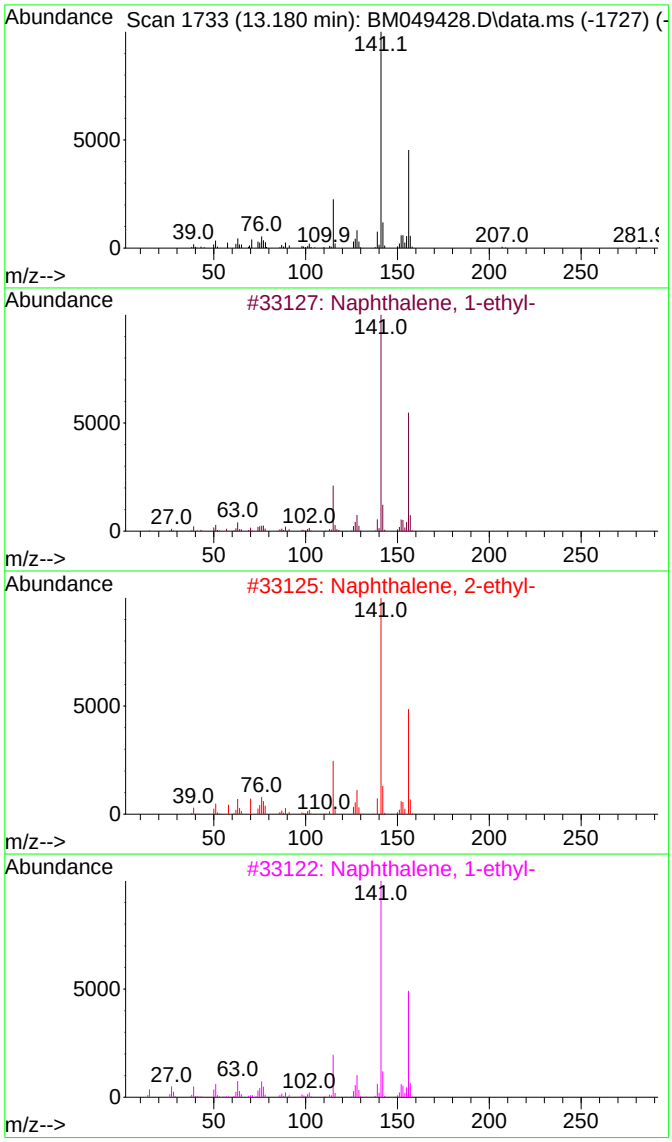
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

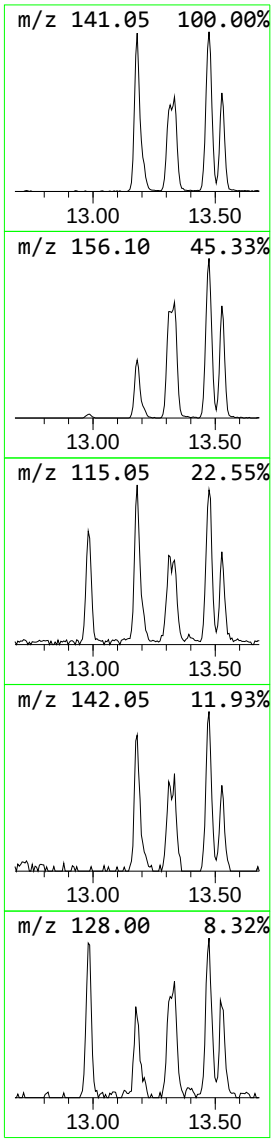
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.02 ng/ul	251682	Acenaphthene-d10	14.157

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	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

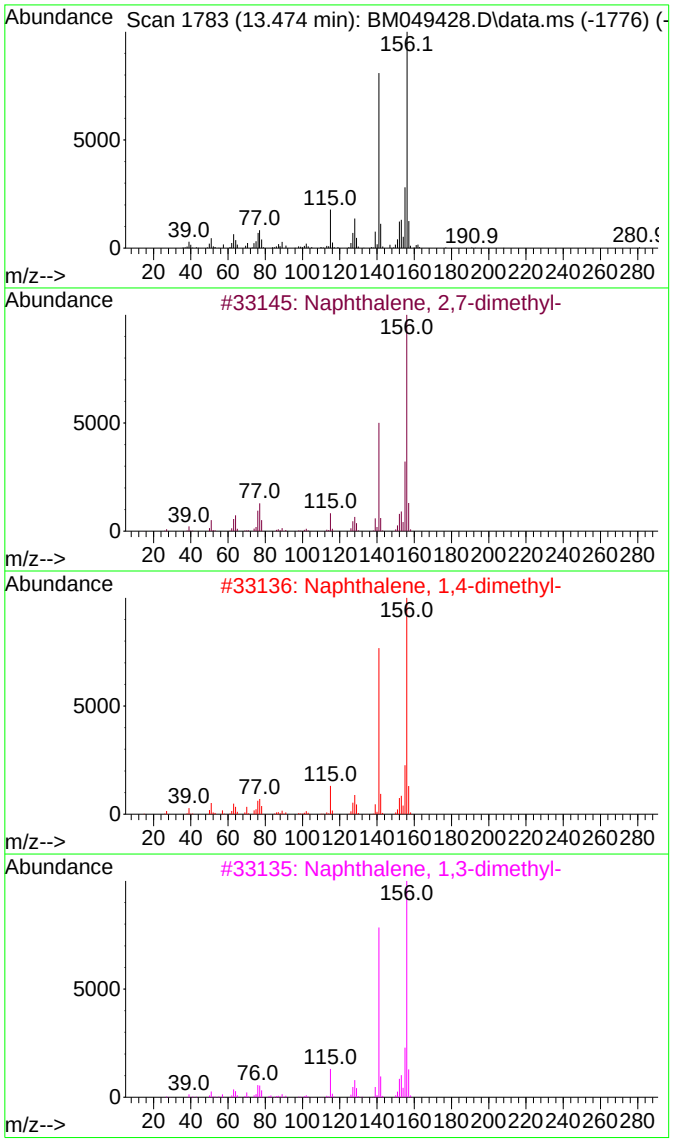
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

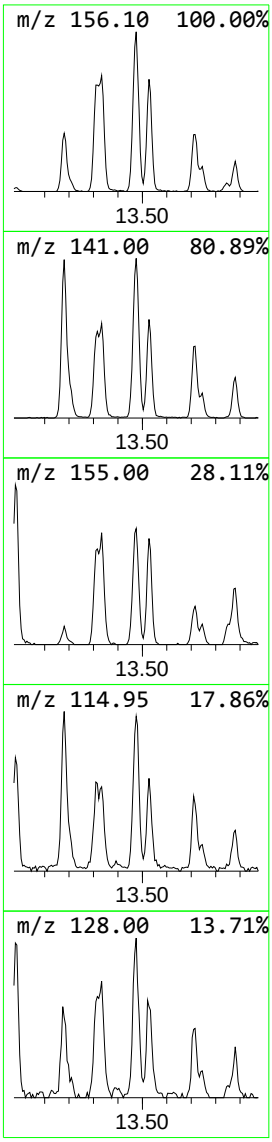
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	3.13 ng/ul	390377	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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

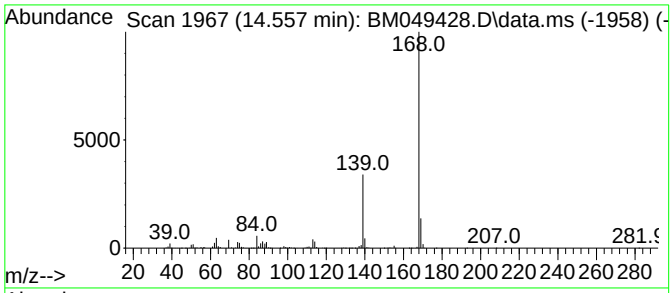
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

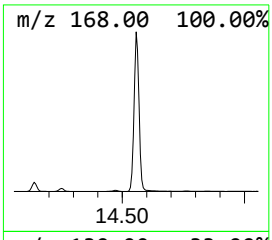
****

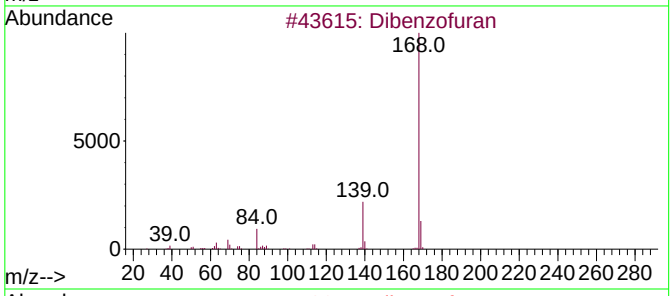
Peak Number 5 Dibenzo furan Concentration Rank 1

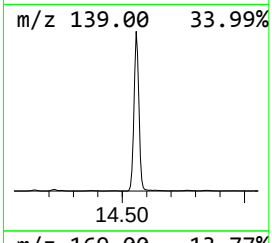
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	18.03 ng/ul	2248300	Acenaphthene-d10	14.157

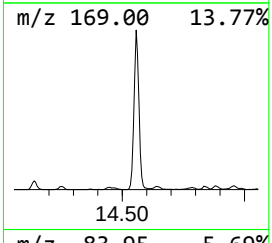
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
4	Dibenzofuran	168	C12H8O	000132-64-9	72
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59

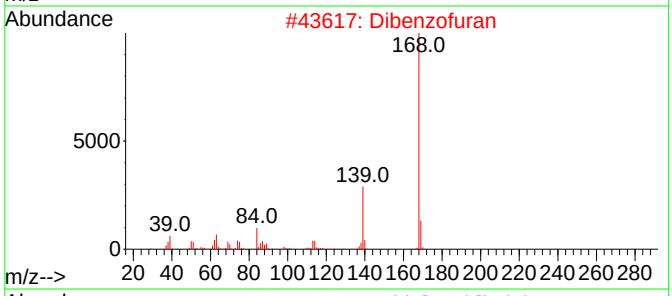


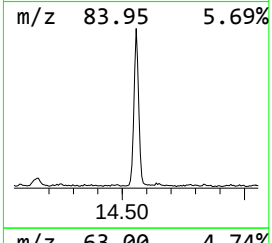


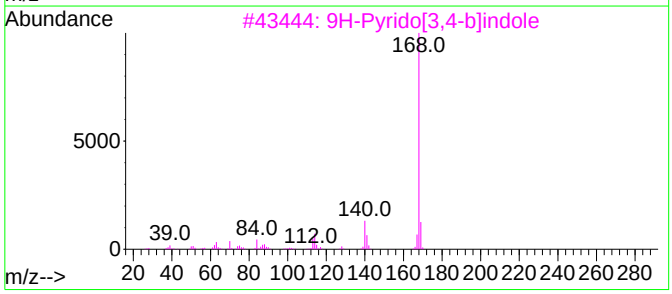


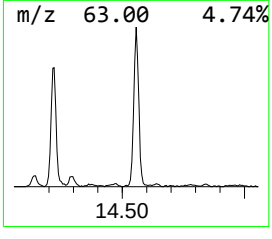












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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

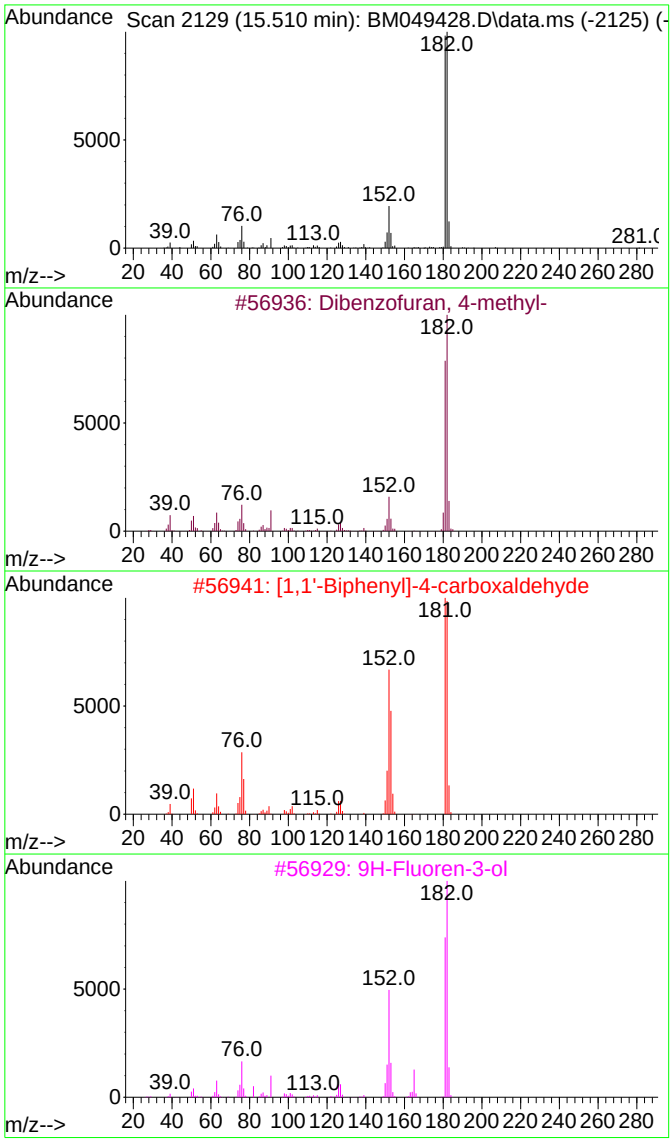
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

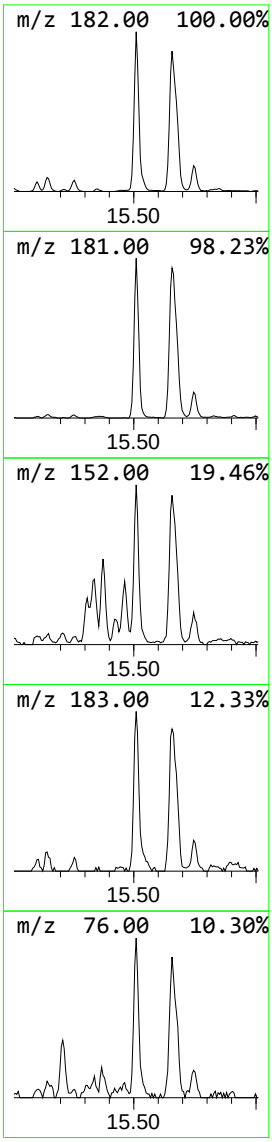
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.509	3.05 ng/ul	380283	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
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Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

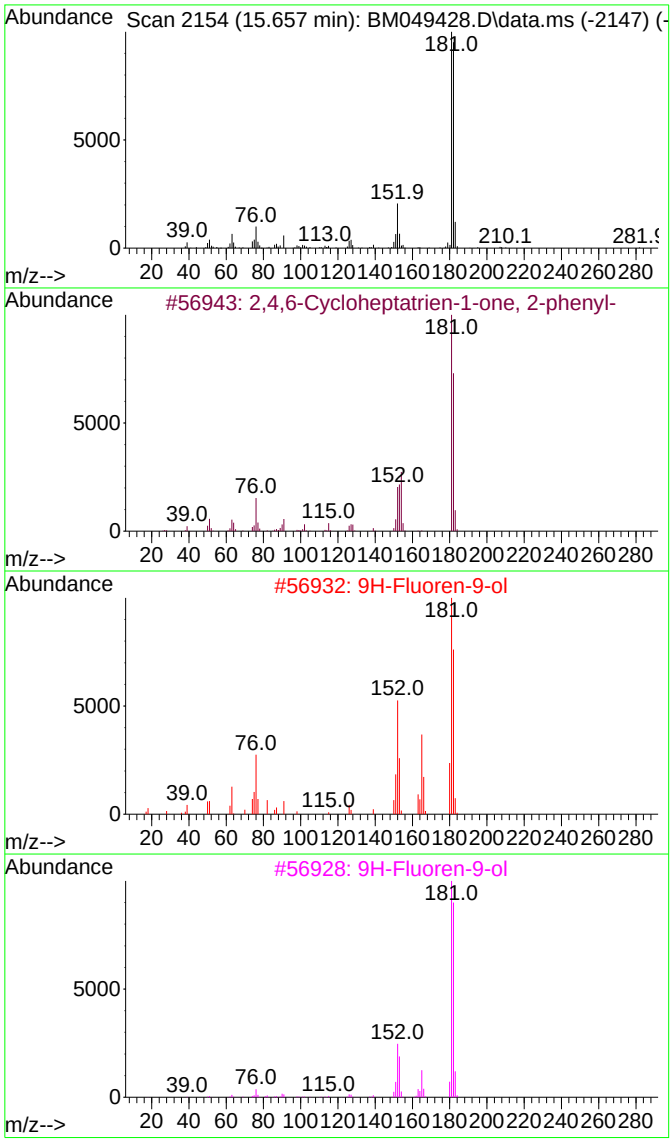
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

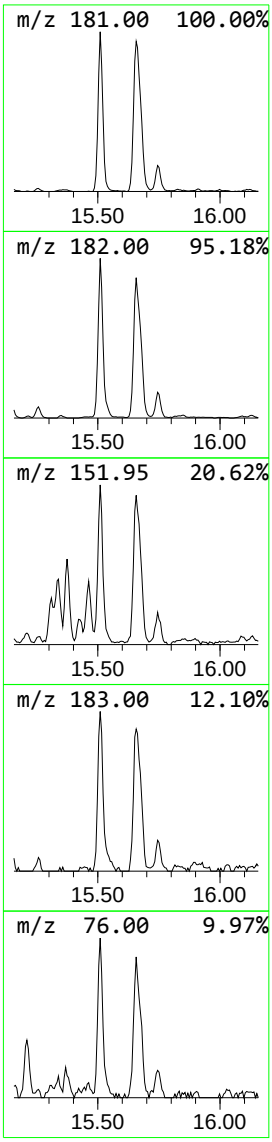
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	3.74 ng/ul	479772	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	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





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Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

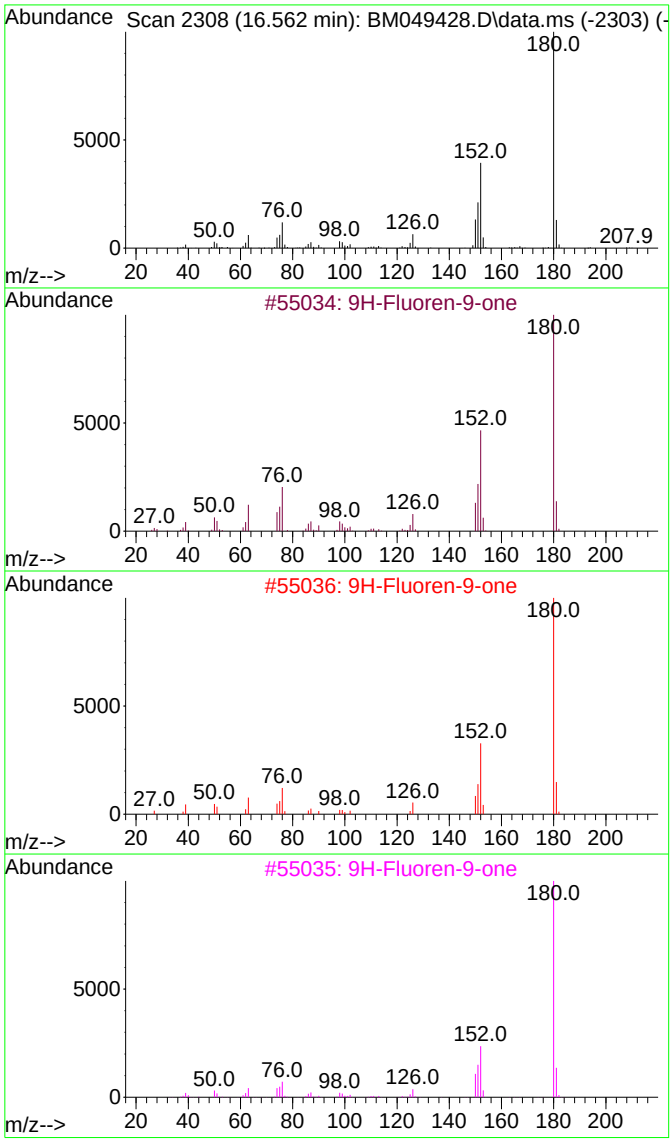
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

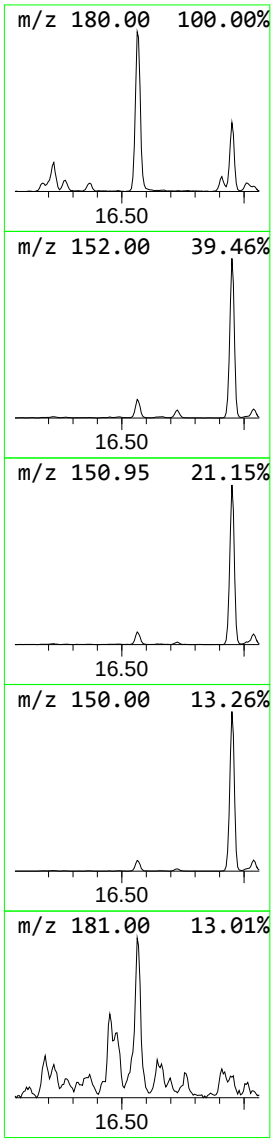
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.562	3.07 ng/ul	393477	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83





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Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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

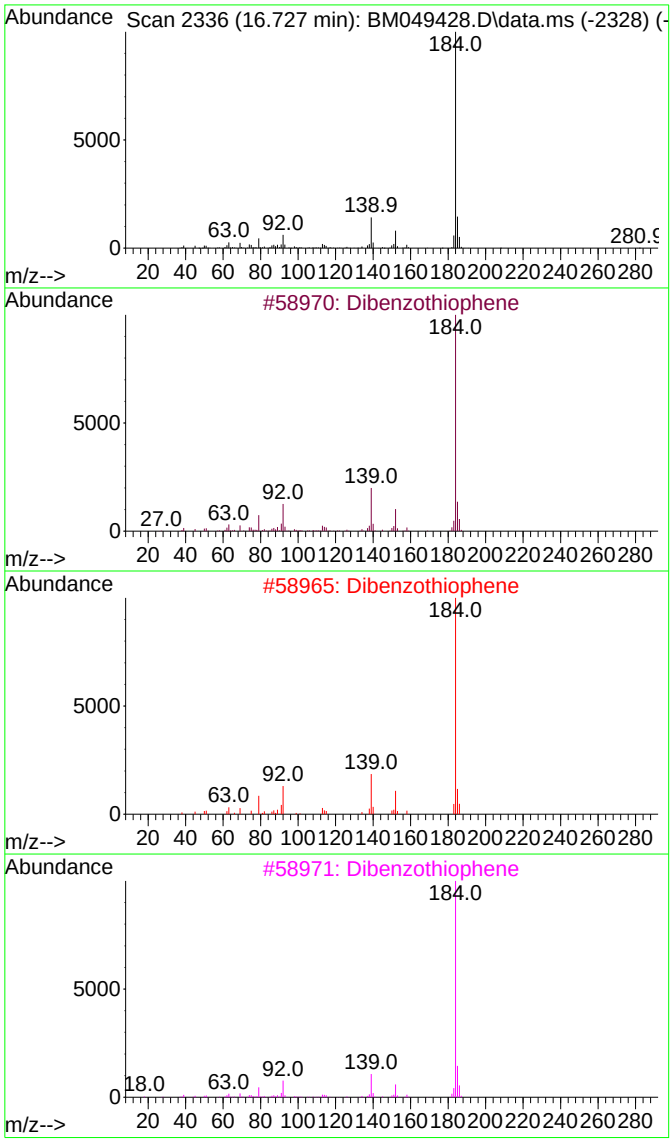
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

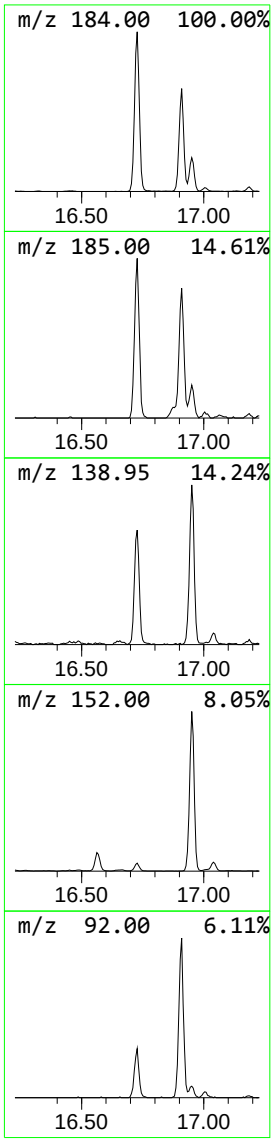
****

Peak Number 9 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	4.89 ng/ul	627130	Phenanthrene-d10	16.910

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	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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

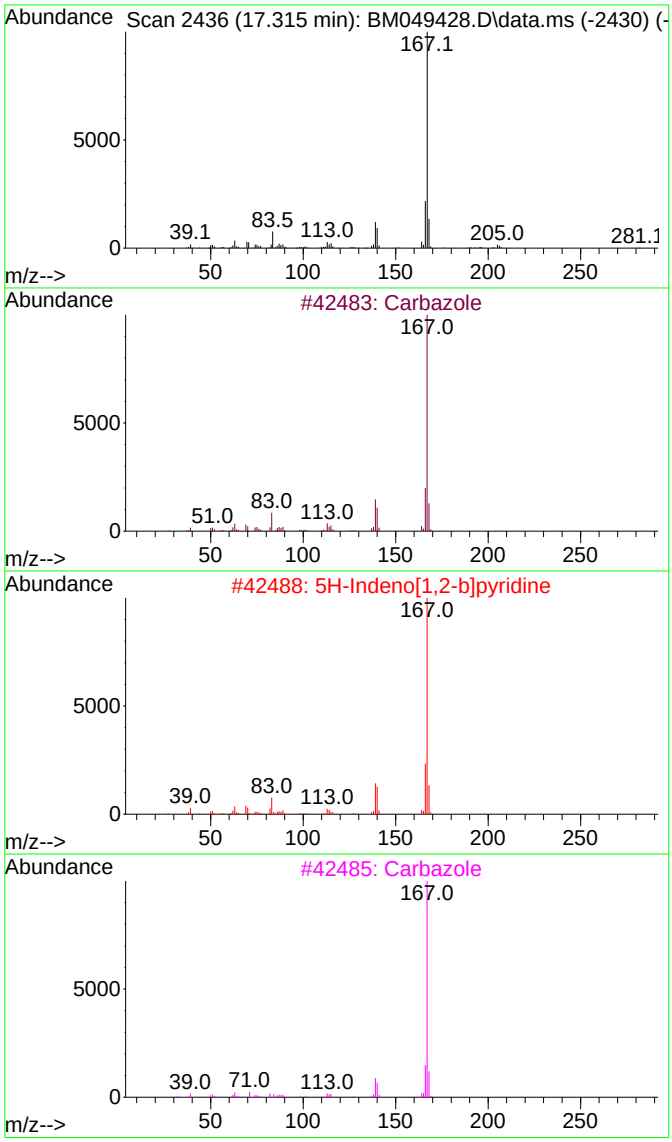
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

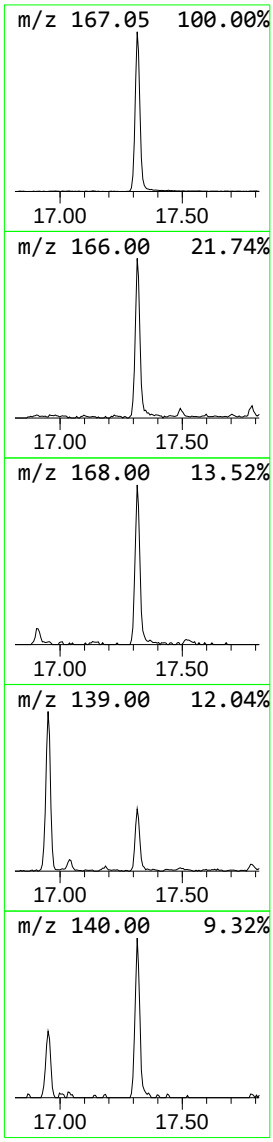
****

Peak Number 10 Carba zole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	2.90 ng/ul	371301	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	Carbazole	167	C12H9N	000086-74-8	87
4	Carbazole	167	C12H9N	000086-74-8	83
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	72





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Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

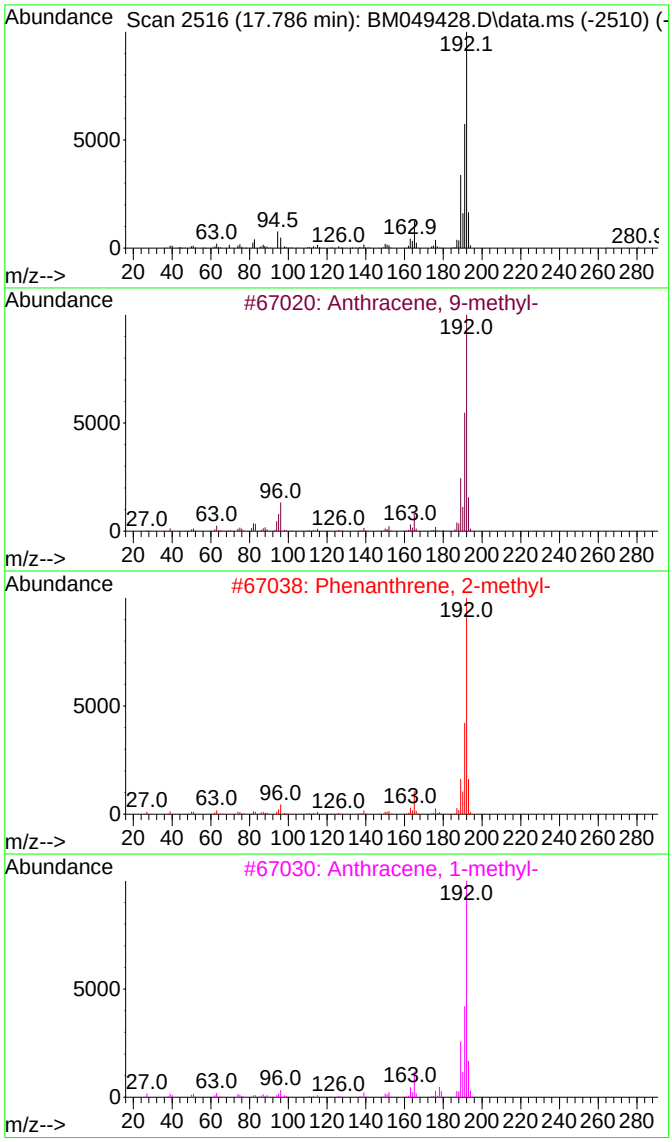
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

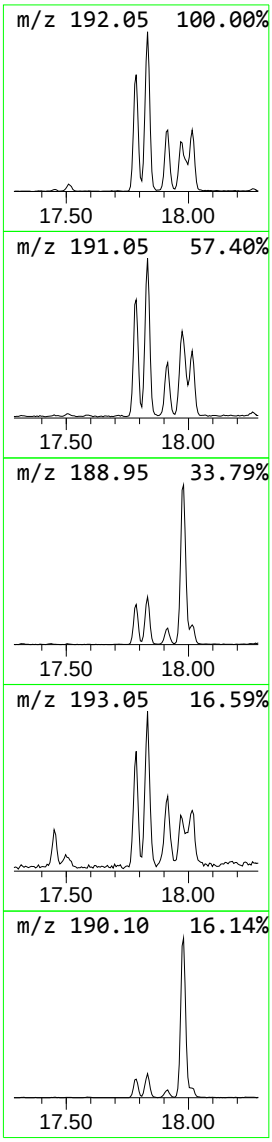
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	2.87 ng/ul	367678	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

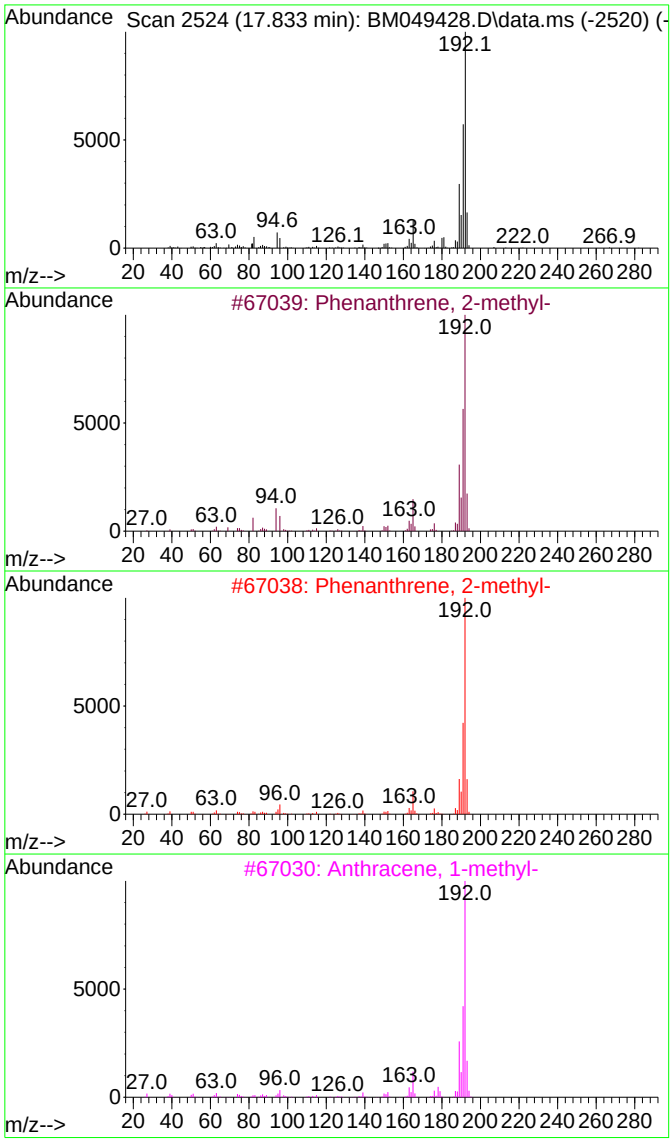
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

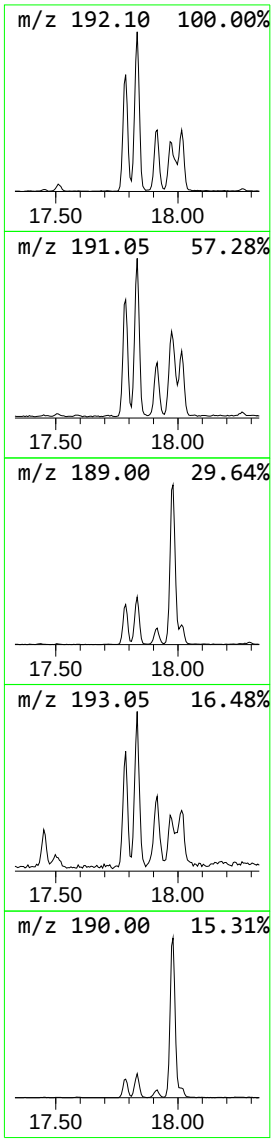
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	3.81 ng/ul	488073	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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

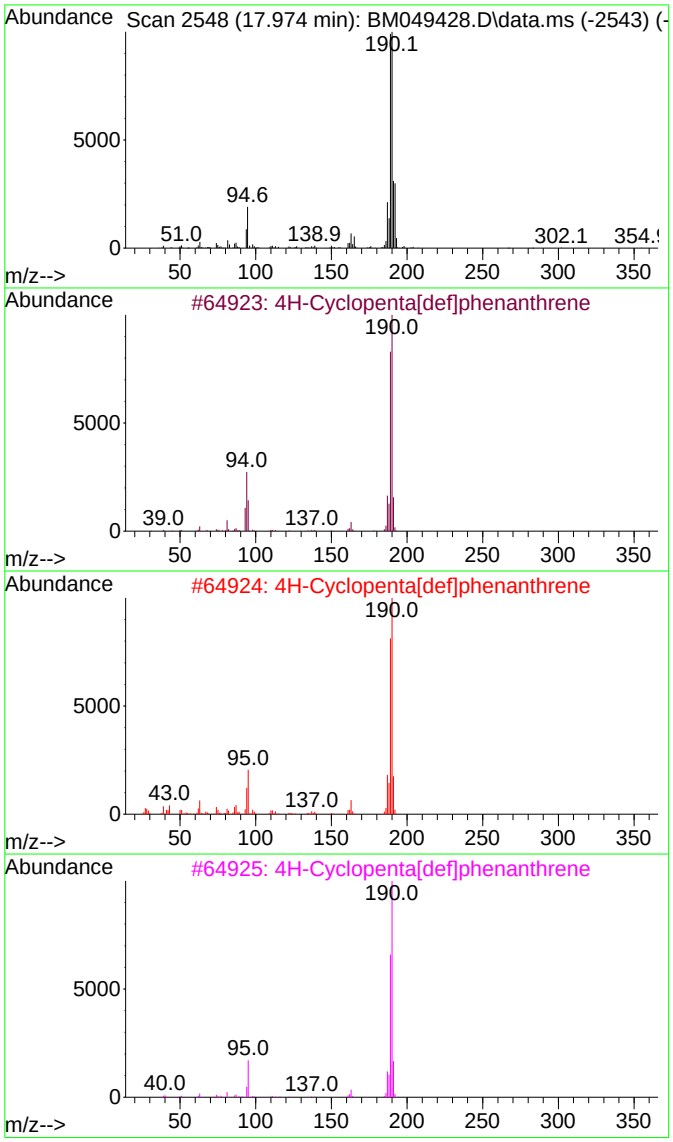
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

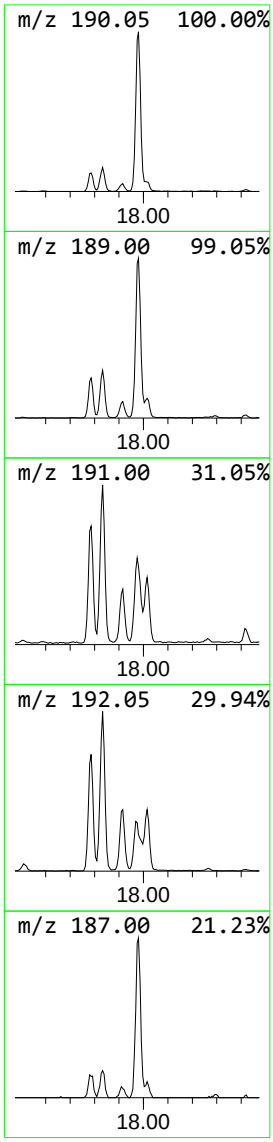
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	5.52 ng/ul	708405	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	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

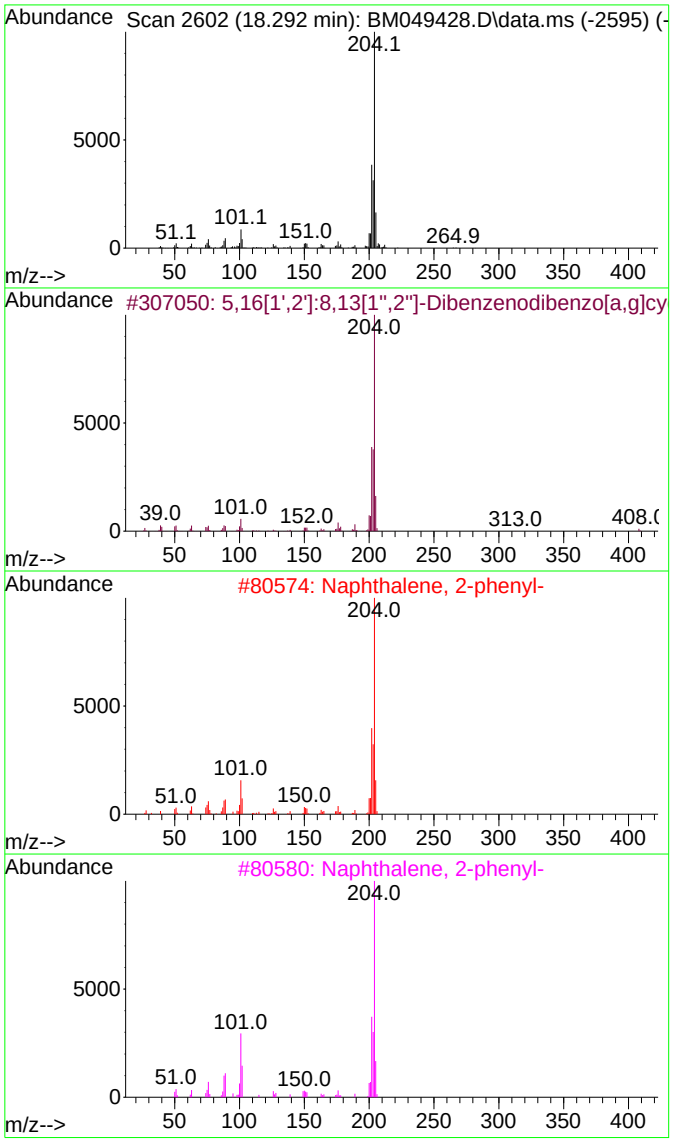
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

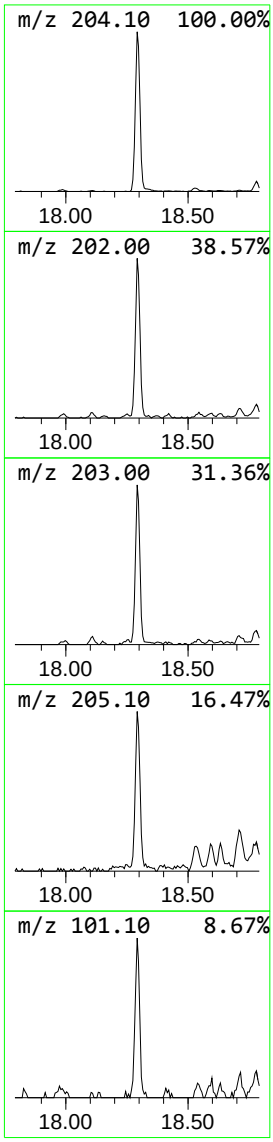
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.46 ng/ul	315643	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

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
Benzo[c]thiophene	10.445	2.2	ng/ul	198775	2	10.275	1827100	20.0
Biphenyl	12.980	5.6	ng/ul	696170	3	14.157	2494430	20.0
Naphthalene, 1-...	13.180	2.0	ng/ul	251682	3	14.157	2494430	20.0
Naphthalene, 2,...	13.474	3.1	ng/ul	390377	3	14.157	2494430	20.0
Dibenzo furan	14.557	18.0	ng/ul	2248300	3	14.157	2494430	20.0
Dibenzofuran, 4...	15.509	3.0	ng/ul	380283	3	14.157	2494430	20.0
2,4,6-Cyclohept...	15.657	3.7	ng/ul	479772	4	16.910	2564980	20.0
9H-Fluoren-9-one	16.562	3.1	ng/ul	393477	4	16.910	2564980	20.0
Dibenzothiophene	16.727	4.9	ng/ul	627130	4	16.910	2564980	20.0
Carba zole	17.315	2.9	ng/ul	371301	4	16.910	2564980	20.0
Anthracene, 9-m...	17.786	2.9	ng/ul	367678	4	16.910	2564980	20.0
Phenanthrene, 2...	17.833	3.8	ng/ul	488073	4	16.910	2564980	20.0
4H-Cyclopenta[d...	17.974	5.5	ng/ul	708405	4	16.910	2564980	20.0
5,16[1',2']:8,1...	18.292	2.5	ng/ul	315643	4	16.910	2564980	20.0