LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCZH1DL

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: BM049412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.517	87	90	103	rBV	105321	175377	5.45%	0.536%
2	3.817	139	141	146	rVB2	16209	17208	0.53%	0.053%
3	6.710	628	633	648	rVB	100888	204650	6.36%	0.626%
4	6.869	655	660	668	rBV	95546	151211	4.70%	0.462%
5	7.058	687	692	703	rVB	113606	190575	5.92%	0.582%
6	7.516	763	770	778	rBV	857077	1343678	41.75%	4.107%
7	7.887	828	833	840	rVV3	11685	18394	0.57%	0.056%
8	8.234	886	892	905	rBV	111203	214221	6.66%	0.655%
9	8.663	959	965	976	rBV	91741	169405	5.26%	0.518%
10	9.375	1080	1086	1093	rBV2	53256	102173	3.17%	0.312%
11	9.687	1135	1139	1145	rBV9	6628	12486	0.39%	0.038%
12	9.916	1171	1178	1189	rBV	92873	205061	6.37%	0.627%
13	10.281	1232	1240	1244	rBV	1021844	1742302	54.14%	5.325%
14	10.328	1244	1248	1257	rVV	597227	949181	29.50%	2.901%
15	10.440	1259	1267	1278	rVV3	106810	249519	7.75%	0.763%
16	11.951	1517	1524	1532	rBV	93553	169373	5.26%	0.518%
17	12.092	1540	1548	1554	rBV2	30152	69266	2.15%	0.212%
18	12.175	1554	1562	1568	rVB	164287	274335	8.52%	0.838%
19	12.987	1693	1700	1709	rBV	141186	231774	7.20%	0.708%
20	13.181	1727	1733	1745	rVB	41969	87302	2.71%	0.267%
21	13.316	1749	1756	1757	rBV2	44763	62299	1.94%	0.190%
22	13.475	1777	1783	1788	rBV2	70307	125897	3.91%	0.385%
23	13.528	1788	1792	1796	rVV	40108	64235	2.00%	0.196%
24	13.581	1796	1801	1813	rVB	209748	314799	9.78%	0.962%
25	13.716	1819	1824	1828	rBV	30599	51144	1.59%	0.156%
26	13.845	1839	1846	1859	rBV2	241454	405580	12.60%	1.240%
27	14.157	1891	1899	1905	rVV	1556742	2232129	69.36%	6.822%
28	14.222	1905	1910	1919	rVV	825096	1176952	36.57%	3.597%
29	14.298	1919	1923	1929	rVV	24387	40605	1.26%	0.124%
30	14.375	1931	1936	1938	rVV3	18044	29819	0.93%	0.091%
31	14.404	1939	1941	1946	rVV5	14479	28500	0.89%	0.087%
32	14.469	1946	1952	1958	rVV2	32946	65920	2.05%	0.201%
33	14.557	1961	1967	1975	rVV	529999	802807	24.95%	2.454%
34	14.645	1977	1982	1987	rVB4	17523	25851	0.80%	0.079%
35	14.786	1998	2006	2012	rBV7	13388	27576	0.86%	0.084%
36	14.839	2012	2015	2020	rVB3	14951	22415	0.70%	0.069%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	14.963	2027	2036	2038	rBV8	9341	22403	0.70%	0.068%
38	15.110	2056	2061	2064	rBV5	9490	15528	0.48%	0.047%
39	15.157	2064	2069	2073	rBV	300629	422231	13.12%	1.291%
40	15.210	2073	2078	2084	rVB	716814	1020067	31.70%	3.118%
41	15.310	2089	2095	2097	rVV4	28939	60033	1.87%	0.183%
42	15.339	2097	2100	2103	rVV2	42651	65341	2.03%	0.200%
43	15.375	2103	2106	2111	rVV	75569	108450	3.37%	0.331%
44	15.428	2111	2115	2117	rVV4	15648	23925	0.74%	0.073%
45	15.463	2117	2121	2125	rVV2	43499	65612	2.04%	0.201%
46	15.516	2125	2130	2131	rVV	84846	118034	3.67%	0.361%
47	15.533	2131	2133	2141	rVB	88581	111966	3.48%	0.342%
48	15.657	2149	2154	2162	rVV	75806	159127	4.94%	0.486%
49	15.728	2162	2166	2175	rVB4	21290	51370	1.60%	0.157%
50	15.886	2190	2193	2200	rVB5	12362	23257	0.72%	0.071%
51	16.010	2209	2214	2220	rBV5	19690	34480	1.07%	0.105%
52	16.092	2223	2228	2231	rBV6	9835	18468	0.57%	0.056%
53	16.222	2238	2250	2255	rBV2	45985	113362	3.52%	0.346%
54	16.269	2255	2258	2264	rVB4	22349	28927	0.90%	0.088%
55	16.369	2269	2275	2281	rVB4	20244	32633	1.01%	0.100%
56	16.422	2281	2284	2287	rBV4	10574	15452	0.48%	0.047%
57	16.451	2287	2289	2292	rVV2	12573	14328	0.45%	0.044%
58	16.492	2292	2296	2300	rVB5	15505	21356	0.66%	0.065%
59	16.575	2308	2310	2316	rVB7	13188	18448	0.57%	0.056%
60	16.663	2318	2325	2329	rBV3	25944	61713	1.92%	0.189%
61	16.727	2329	2336	2349	rVB	170859	257318	8.00%	0.786%
62	16.910	2358	2367	2370	rBV	1698330	2368747	73.61%	7.240%
63	16.951	2370	2374	2379	rVV	2421537	3218091	100.00%	9.836%
64	17.004	2379	2383	2386	rVV2	335600	484425	15.05%	1.481%
65	17.039	2386	2389	2396	rVV	323906	462324	14.37%	1.413%
66	17.104	2396	2400	2411	rVV2	28763	65921	2.05%	0.201%
67	17.316	2431	2436	2451	rVB	186341	295096	9.17%	0.902%
68	17.433	2452	2456	2462	rBV4	30492	44124	1.37%	0.135%
69	17.486	2462	2465	2468	rBV4	16444	22676	0.70%	0.069%
70	17.633	2486	2490	2497	rVB4	11461	21981	0.68%	0.067%
71	17.786	2507	2516	2520	rBV	97587	155283	4.83%	0.475%
72	17.833	2520	2524	2531	rVV	155688	219239	6.81%	0.670%
73	17.916	2533	2538	2543	rVV	38713	59318	1.84%	0.181%
74	17.980	2543	2549	2553	rVV2	205444	324171	10.07%	0.991%
75	18.016	2553	2555	2560	rVB	48360	60487	1.88%	0.185%
76	18.139	2573	2576	2579	rVV3	9557	12381	0.38%	0.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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	18.233	2588	2592	2594	rVV4	8731	11730	0.36%	0.036%
78	18.292	2595	2602	2607	rVV	76958	127406	3.96%	0.389%
79	18.333	2607	2609	2615	rVB5	10727	12359	0.38%	0.038%
80	18.545	2637	2645	2649	rBV7	16313	31267	0.97%	0.096%
81	18.592	2649	2653	2657	rBV4	13622	18384	0.57%	0.056%
82	18.710	2670	2673	2679	rBV3	18407	32951	1.02%	0.101%
83	18.774	2679	2684	2688	rBV6	13354	24023	0.75%	0.073%
84	18.974	2713	2718	2725	rBV	1183696	1550336	48.18%	4.739%
85	19.080	2733	2736	2740	rVB4	17718	25681	0.80%	0.078%
86	19.121	2740	2743	2748	rBV7	14776	22949	0.71%	0.070%
87	19.221	2755	2760	2767	rBV2	30251	42720	1.33%	0.131%
88	19.310	2770	2775	2778	rVV2	517831	820907	25.51%	2.509%
89	19.339	2778	2780	2790	rVV	762577	911760	28.33%	2.787%
90	19.416	2790	2793	2801	rVB	27414	49754	1.55%	0.152%
91	19.527	2808	2812	2817	rBV2	34555	51052	1.59%	0.156%
92	19.586	2820	2822	2827	rVB	15885	21418	0.67%	0.065%
93	19.674	2831	2837	2843	rBV4	27414	78200	2.43%	0.239%
94	19.727	2844	2846	2850	rVB	16034	18709	0.58%	0.057%
95	19.845	2862	2866	2873	rVB	88714	125646	3.90%	0.384%
96	19.945	2879	2883	2888	rBV2	96005	129120	4.01%	0.395%
97	21.139	3079	3086	3090	rBV	1852220	2703257	84.00%	8.262%
98	21.174	3090	3092	3100	rVB	138388	201284	6.25%	0.615%
99	23.727	3520	3526	3534	rBV	173589	349681	10.87%	1.069%
100	23.915	3550	3558	3575	rVB	1077705	2605086	80.95%	7.962%

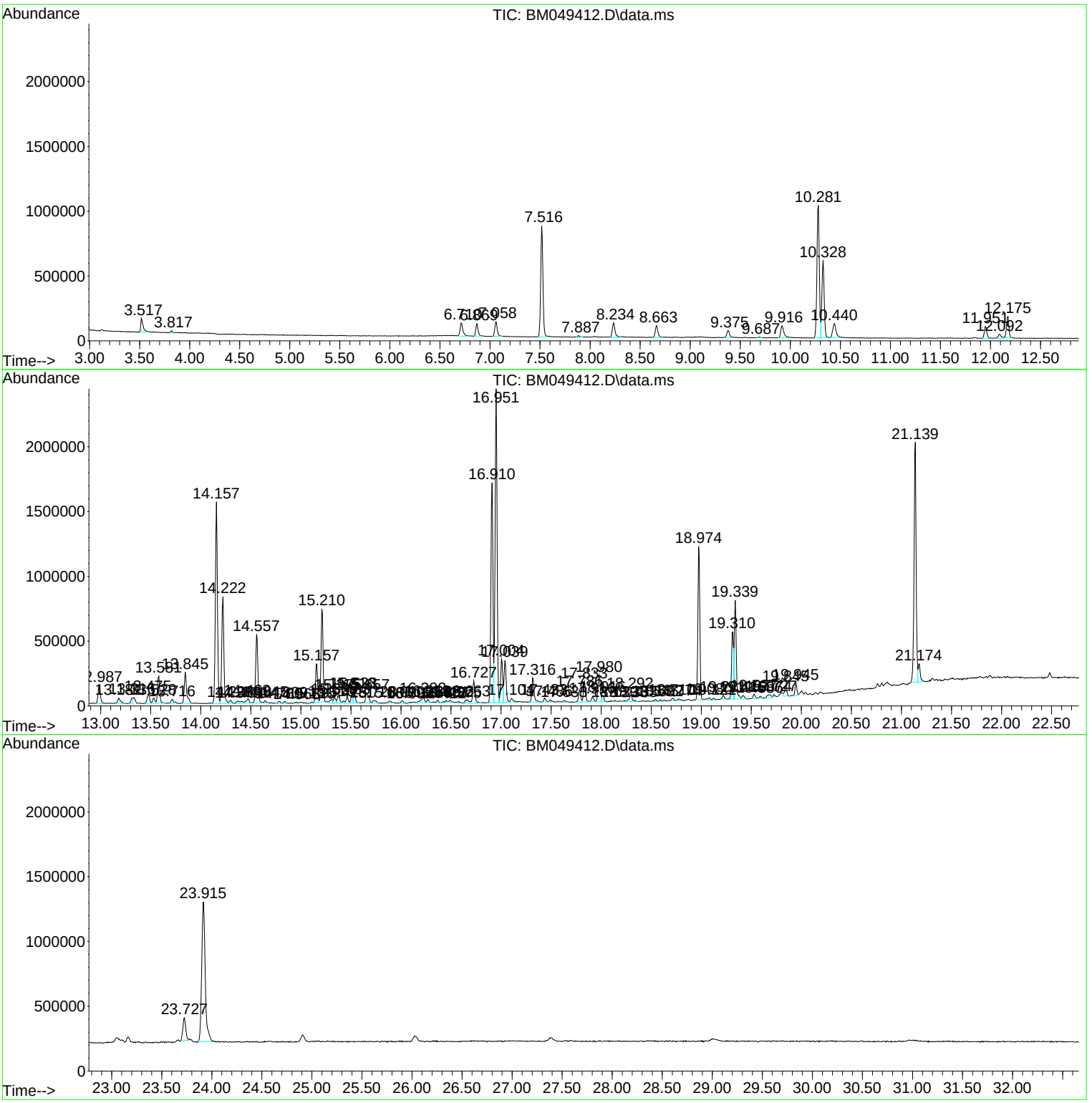
Sum of corrected areas: 32717792

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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 : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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

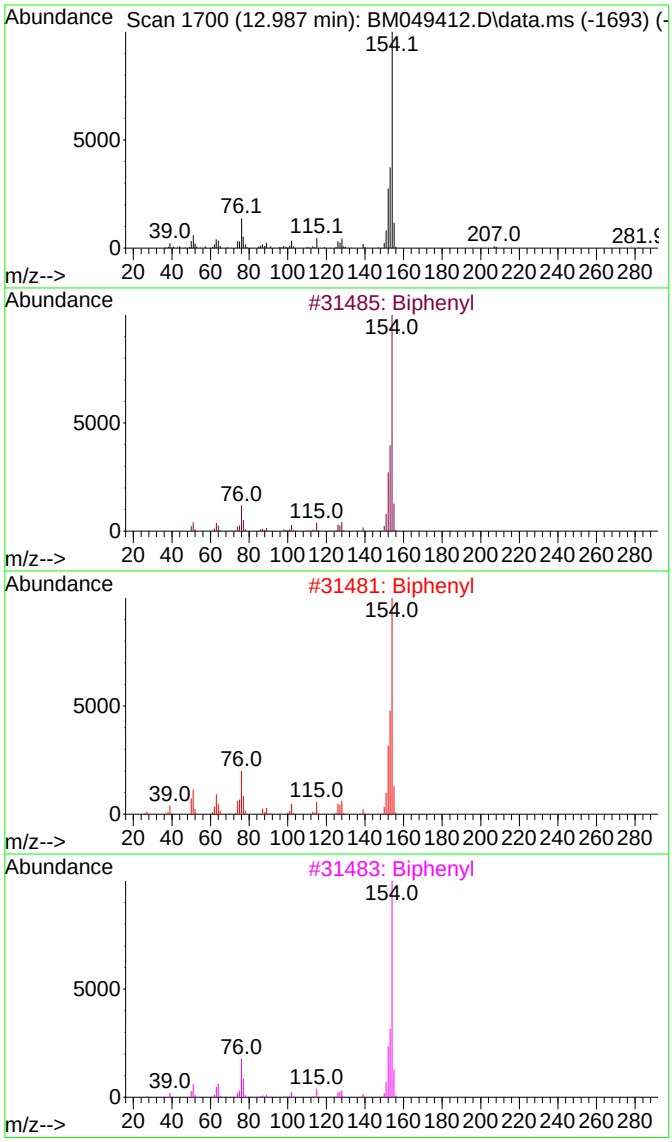
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

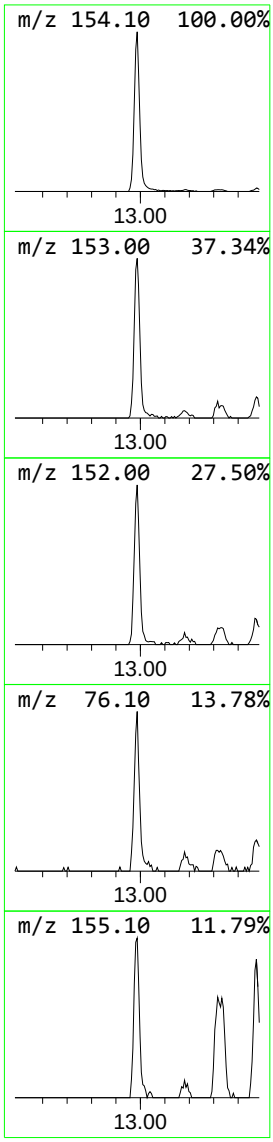
****

Peak Number 1 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.08 ng/ul	231774	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	87
4	Biphenyl	154	C12H10	000092-52-4	81
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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

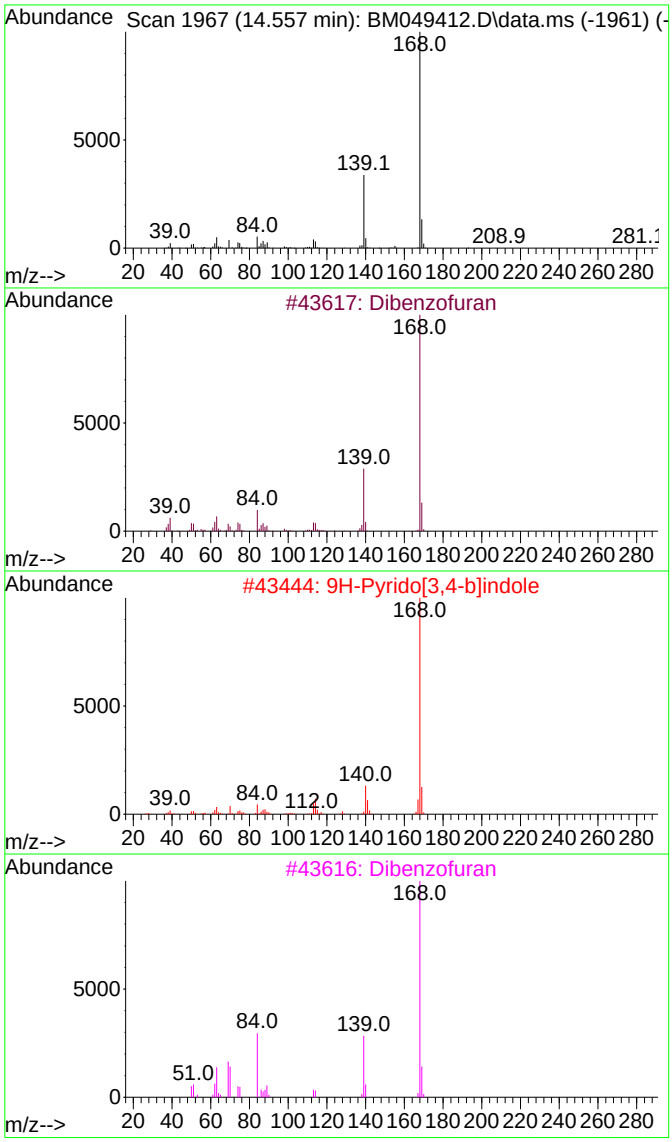
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

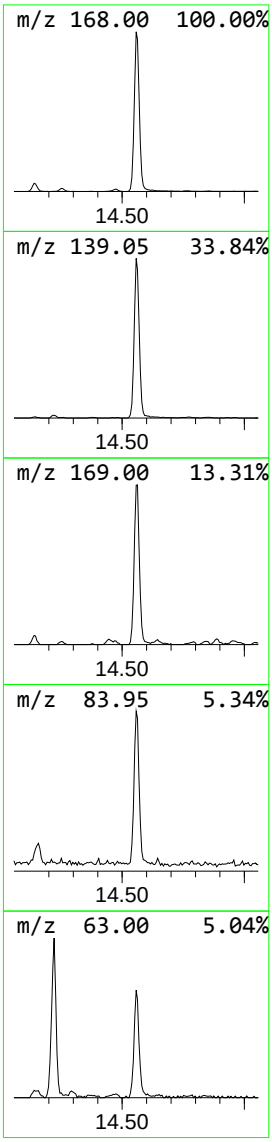
****

Peak Number 2 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	7.19 ng/ul	802807	Acenaphthene-d10	14.157

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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

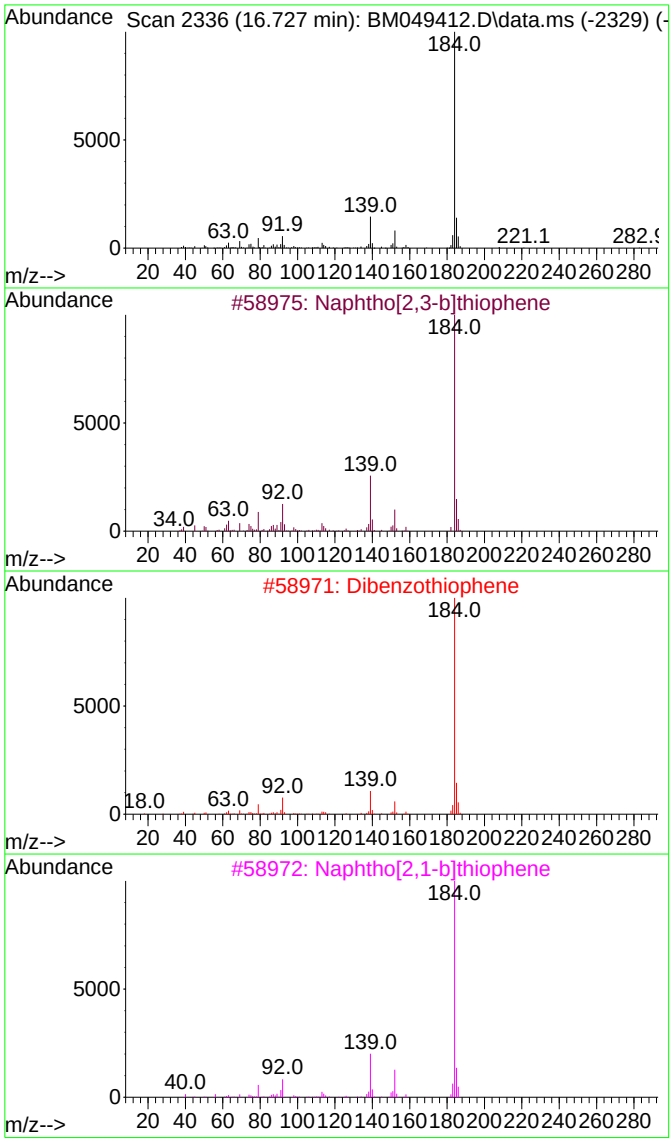
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

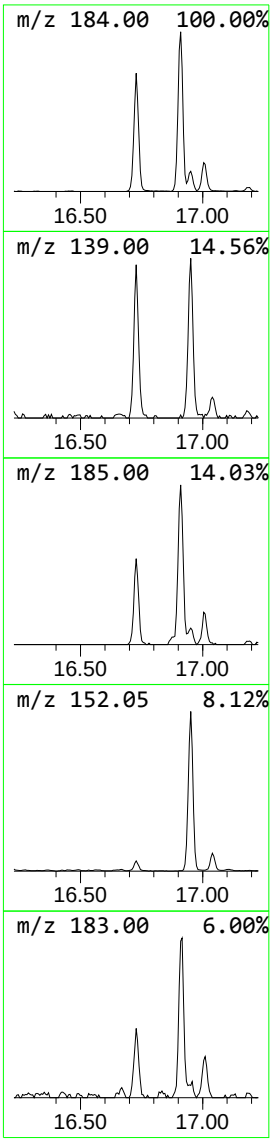
****

Peak Number 3 Naphtho[2,3-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	2.17 ng/ul	257318	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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

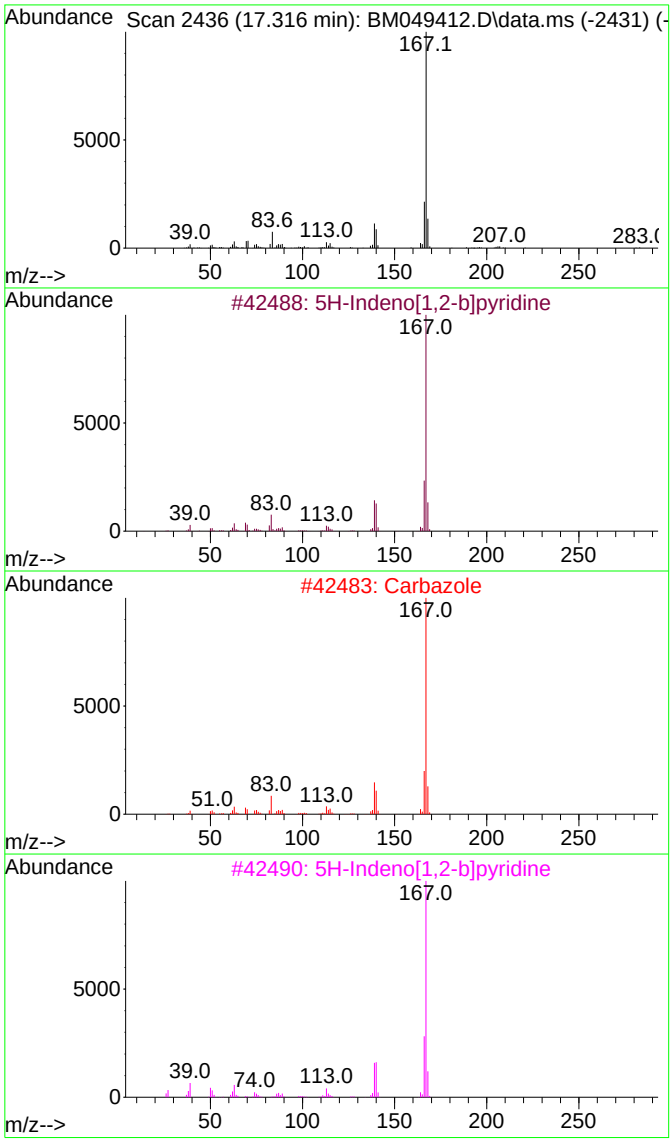
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

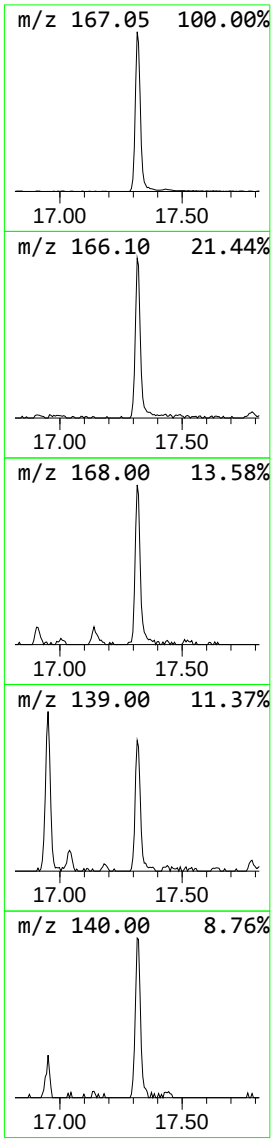
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.316	2.49 ng/ul	295096	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	94
2	Carbazole	167	C12H9N	000086-74-8	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	90
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

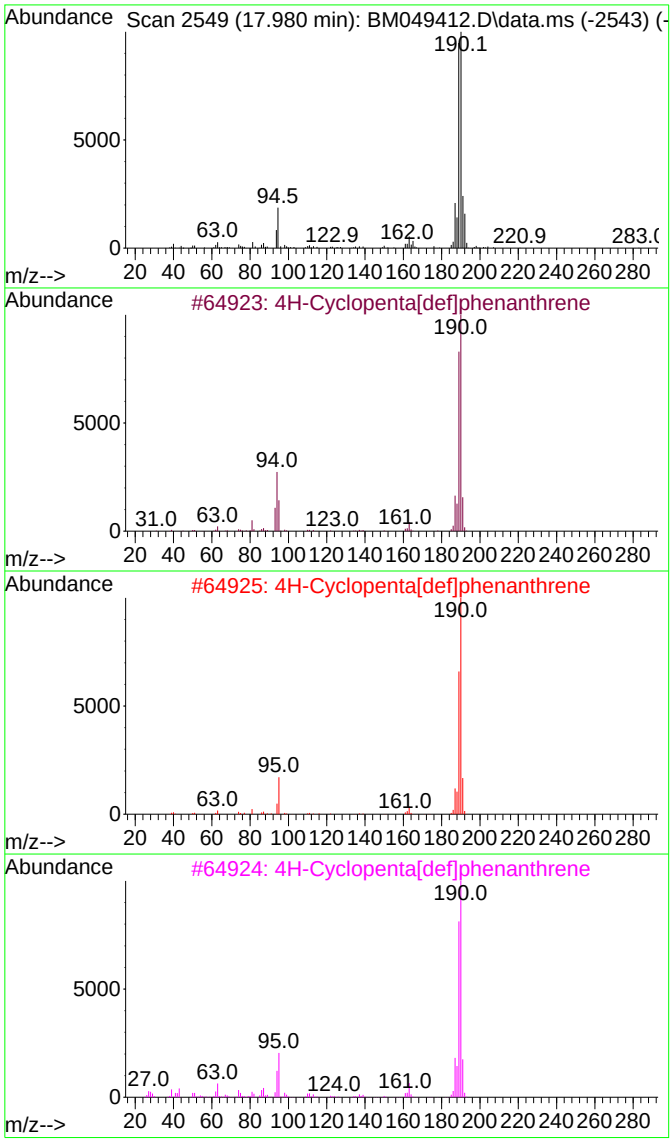
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

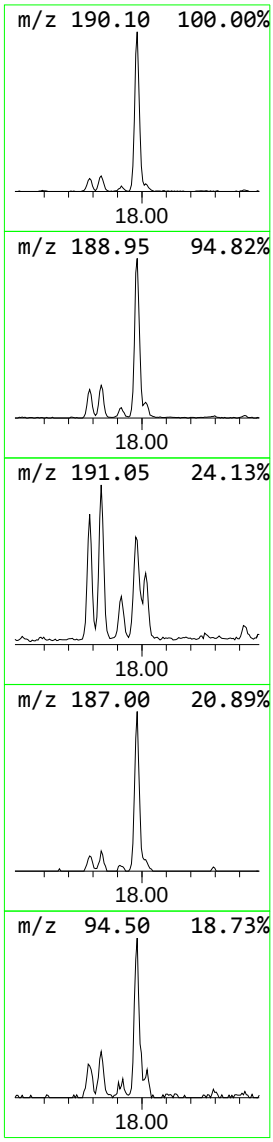
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	2.74 ng/ul	324171	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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH1DL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Biphenyl	12.986	2.1	ng/ul	231774	3	14.157	2232130	20.0
Dibenzo furan	14.557	7.2	ng/ul	802807	3	14.157	2232130	20.0
Naphtho[2,3-b]t...	16.727	2.2	ng/ul	257318	4	16.910	2368750	20.0
5H-Indeno[1,2-b...	17.316	2.5	ng/ul	295096	4	16.910	2368750	20.0
4H-Cyclopenta[d...	17.980	2.7	ng/ul	324171	4	16.910	2368750	20.0