LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

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-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM037937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.857	110	114	128	rBV	435596	686663	2.99%	0.305%
2	7.234	679	688	697	rBV	897657	1438522	6.26%	0.639%
3	7.404	709	717	724	rBV	716870	1127848	4.91%	0.501%
4	7.604	744	751	760	rBV	946549	1461243	6.36%	0.649%
5	8.075	823	831	840	rBV	837699	1307219	5.69%	0.581%
6	8.786	945	952	960	rBV	975350	1536778	6.69%	0.683%
7	9.251	1024	1031	1043	rBV	861102	1387963	6.04%	0.616%
8	9.975	1144	1154	1166	rBV	696539	1128558	4.91%	0.501%
9	10.516	1238	1246	1257	rBV	965316	1625458	7.07%	0.722%
10	10.898	1299	1311	1316	rBV	1056902	1732109	7.54%	0.769%
11	11.033	1327	1334	1354	rVV	777237	1435928	6.25%	0.638%
12	12.763	1618	1628	1637	rVB	487509	773551	3.37%	0.344%
13	13.545	1749	1761	1767	rBV	286484	445182	1.94%	0.198%
14	14.027	1835	1843	1850	rBV	488726	901288	3.92%	0.400%
15	14.116	1850	1858	1863	rVV	1641806	2196043	9.56%	0.975%
16	14.263	1872	1883	1887	rBV2	280114	489437	2.13%	0.217%
17	14.404	1901	1907	1921	rBV	1891081	3171217	13.80%	1.408%
18	14.710	1954	1959	1964	rVB	1371248	1922469	8.37%	0.854%
19	14.774	1964	1970	1977	rVB	5640447	8071886	35.13%	3.585%
20	14.898	1986	1991	2002	rBV2	535934	1011052	4.40%	0.449%
21	15.015	2002	2011	2015	rBV2	255535	411681	1.79%	0.183%
22	15.104	2019	2026	2033	rVV	3101518	4479625	19.50%	1.990%
23	15.174	2033	2038	2053	rVB	196704	353062	1.54%	0.157%
24	15.315	2057	2062	2067	rBV3	148798	267827	1.17%	0.119%
25	15.486	2084	2091	2094	rBV2	118214	233517	1.02%	0.104%
26	15.527	2094	2098	2103	rVB2	156281	252030	1.10%	0.112%
27	15.698	2117	2127	2131	rVV	2346894	3510360	15.28%	1.559%
28	15.757	2131	2137	2143	rVV	5837440	8624467	37.54%	3.830%
29	15.815	2143	2147	2151	rVV	536410	898845	3.91%	0.399%
30	15.874	2154	2157	2160	rVV	413130	595239	2.59%	0.264%
31	15.910	2160	2163	2168	rVV2	588785	920979	4.01%	0.409%
32	15.957	2168	2171	2174	rVV	166473	273901	1.19%	0.122%
33	15.998	2174	2178	2181	rVV2	329982	502174	2.19%	0.223%
34	16.039	2181	2185	2191	rVB	744724	1079879	4.70%	0.480%
35	16.186	2201	2210	2218	rBV	779682	1603007	6.98%	0.712%
36	16.280	2223	2226	2232	rVB	159380	227163	0.99%	0.101%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

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-BM120722.M
Title : SVOA CALIBRATION

37	16.392	2240	2245	2248	rBV2	333455	521744	2.27%	0.232%
38	16.751	2294	2306	2311	rBV2	586001	1287345	5.60%	0.572%
39	16.798	2311	2314	2320	rVV2	289314	489368	2.13%	0.217%
40	16.898	2328	2331	2336	rVB	276305	374622	1.63%	0.166%
41	17.015	2347	2351	2355	rVB3	192761	264388	1.15%	0.117%
42	17.180	2373	2379	2385	rVV4	395193	873863	3.80%	0.388%
43	17.268	2389	2394	2402	rVB	1228290	1765369	7.68%	0.784%
44	17.451	2419	2425	2428	rBV	1488551	2243976	9.77%	0.997%
45	17.498	2428	2433	2438	rVV	14511407	22975913	100.00%	10.204%
46	17.551	2438	2442	2444	rVV2	2341788	3213548	13.99%	1.427%
47	17.592	2444	2449	2454	rVV	12540603	18772168	81.70%	8.337%
48	17.639	2454	2457	2462	rVB	326751	518856	2.26%	0.230%
49	17.727	2467	2472	2479	rVV	199400	364955	1.59%	0.162%
50	17.851	2488	2493	2502	rBV	2675906	3842788	16.73%	1.707%
51	17.921	2502	2505	2509	rVV3	224362	289479	1.26%	0.129%
52	17.968	2509	2513	2518	rVV2	325812	470605	2.05%	0.209%
53	18.027	2520	2523	2531	rVB2	191905	341611	1.49%	0.152%
54	18.174	2543	2548	2557	rVB	140575	307786	1.34%	0.137%
55	18.321	2568	2573	2577	rBV	1224704	1680845	7.32%	0.747%
56	18.374	2577	2582	2587	rVB	1542774	2188607	9.53%	0.972%
57	18.451	2590	2595	2600	rVB	742219	1038662	4.52%	0.461%
58	18.521	2600	2607	2611	rBV	3623903	5822293	25.34%	2.586%
59	18.615	2619	2623	2628	rVB3	251974	354784	1.54%	0.158%
60	18.715	2636	2640	2643	rBV3	222173	308115	1.34%	0.137%
61	18.815	2653	2657	2661	rBV	751667	932041	4.06%	0.414%
62	18.862	2661	2665	2670	rVB2	466033	609246	2.65%	0.271%
63	19.062	2695	2699	2703	rVB2	228172	291453	1.27%	0.129%
64	19.109	2704	2707	2710	rVV	205918	239881	1.04%	0.107%
65	19.151	2710	2714	2717	rVB	188496	239938	1.04%	0.107%
66	19.233	2722	2728	2733	rBV2	490897	884056	3.85%	0.393%
67	19.298	2733	2739	2742	rBV2	334088	592091	2.58%	0.263%
68	19.509	2767	2775	2780	rBV	14025482	21310423	92.75%	9.465%
69	19.592	2786	2789	2793	rVB	395764	477049	2.08%	0.212%
70	19.739	2809	2814	2824	rVB2	562292	1097327	4.78%	0.487%
71	19.833	2824	2830	2832	rBV3	5130192	7689339	33.47%	3.415%
72	19.868	2832	2836	2842	rVV	11298121	15799539	68.77%	7.017%
73	19.927	2842	2846	2853	rVB3	500678	739458	3.22%	0.328%
74	20.033	2860	2864	2870	rVB	674785	927230	4.04%	0.412%
75	20.103	2871	2876	2881	rVB	418666	589886	2.57%	0.262%
76	20.174	2883	2888	2895	rBV3	580197	1454301	6.33%	0.646%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

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-BM120722.M
Title : SVOA CALIBRATION

77	20.239	2895	2899	2906	rVV	167914	268750	1.17%	0.119%
78	20.350	2906	2918	2923	rVV	2035297	3678628	16.01%	1.634%
79	20.450	2930	2935	2939	rBV	2018879	2575388	11.21%	1.144%
80	20.509	2939	2945	2949	rVV2	676757	1324815	5.77%	0.588%
81	20.545	2949	2951	2955	rVV	319796	332230	1.45%	0.148%
82	20.586	2955	2958	2963	rVB3	192780	286255	1.25%	0.127%
83	20.650	2965	2969	2972	rBV	404149	532945	2.32%	0.237%
84	20.692	2973	2976	2980	rVB	328405	410736	1.79%	0.182%
85	20.939	3014	3018	3020	rBV	288635	347058	1.51%	0.154%
86	21.050	3034	3037	3042	rBV	268779	437364	1.90%	0.194%
87	21.262	3069	3073	3076	rBV	747261	935802	4.07%	0.416%
88	21.303	3076	3080	3083	rVV	917446	1191966	5.19%	0.529%
89	21.344	3083	3087	3091	rVB2	657759	929406	4.05%	0.413%
90	21.609	3123	3132	3137	rBV2	3975863	8269879	35.99%	3.673%
91	21.662	3137	3141	3150	rVB	3643493	5043258	21.95%	2.240%
92	21.786	3158	3162	3169	rVB	554224	792606	3.45%	0.352%
93	21.950	3186	3190	3196	rBV2	343872	570953	2.49%	0.254%
94	22.739	3320	3324	3329	rBV2	190932	309453	1.35%	0.137%
95	23.344	3421	3427	3433	rBV	1754884	4274515	18.60%	1.898%
96	23.533	3456	3459	3465	rVB	258759	408628	1.78%	0.181%
97	23.885	3513	3519	3523	rBV	805182	1586761	6.91%	0.705%
98	23.944	3523	3529	3533	rVV2	2128035	4228919	18.41%	1.878%
99	23.991	3533	3537	3544	rVB	1056737	2026123	8.82%	0.900%
100	24.103	3550	3556	3561	rBV2	1118760	2124258	9.25%	0.943%

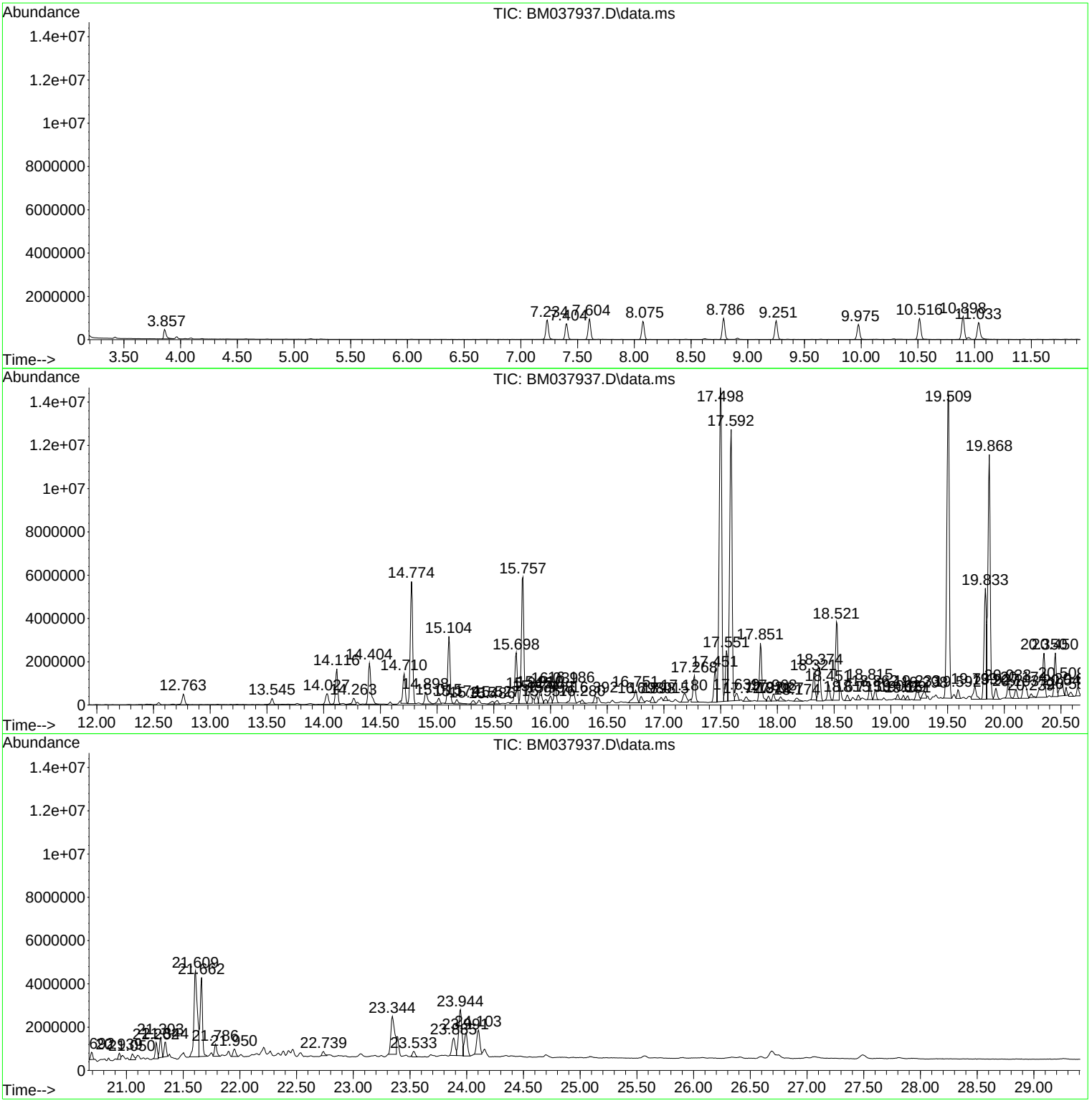
Sum of corrected areas: 225155814

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

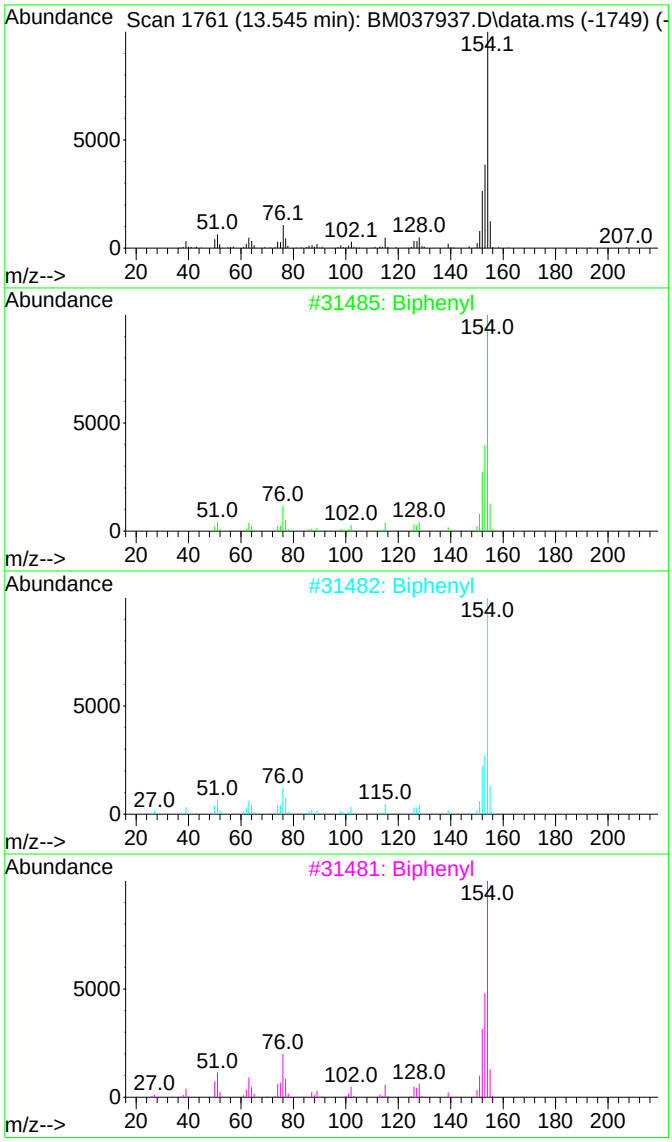
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

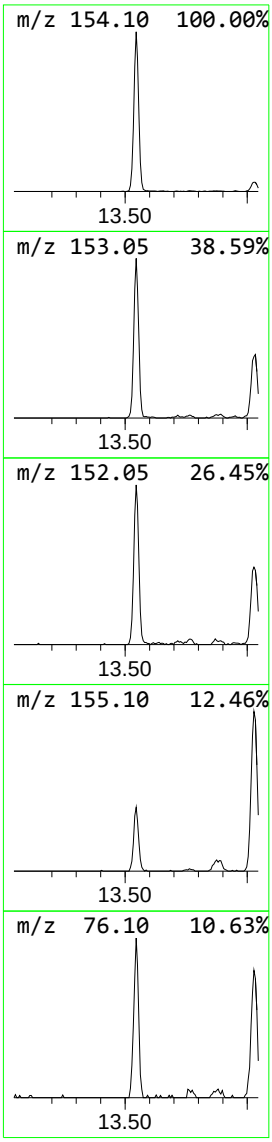
****

Peak Number 1 Biphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	4.63 ng/ul	445182	Acenaphthene-d10	14.710

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	93
5	Biphenyl	154	C12H10	000092-52-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

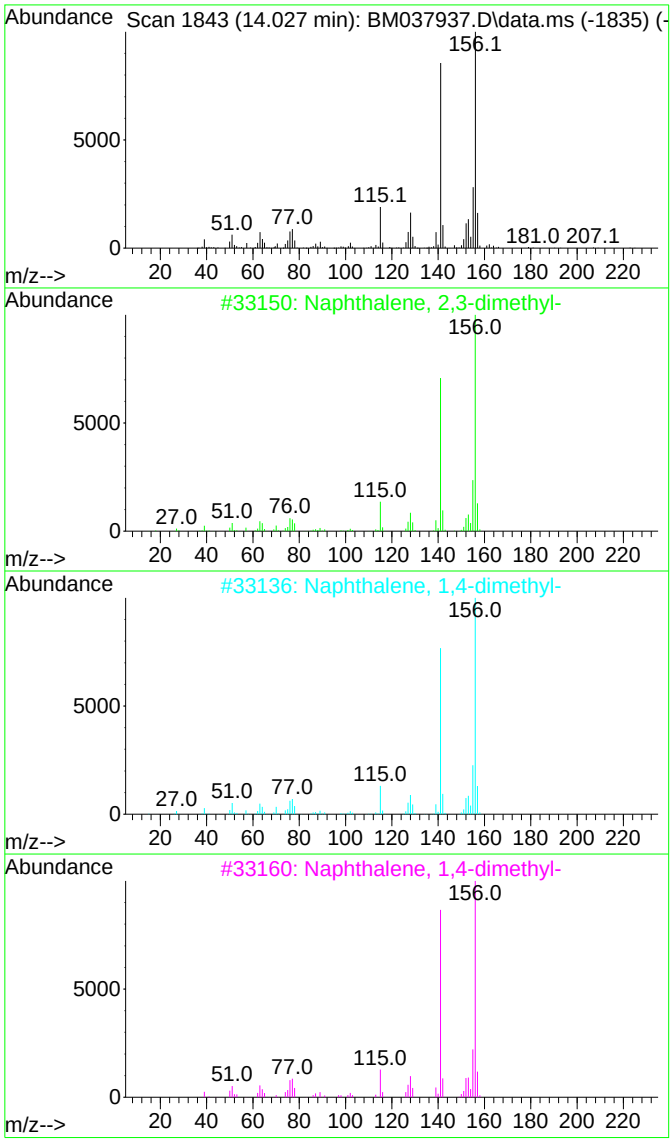
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

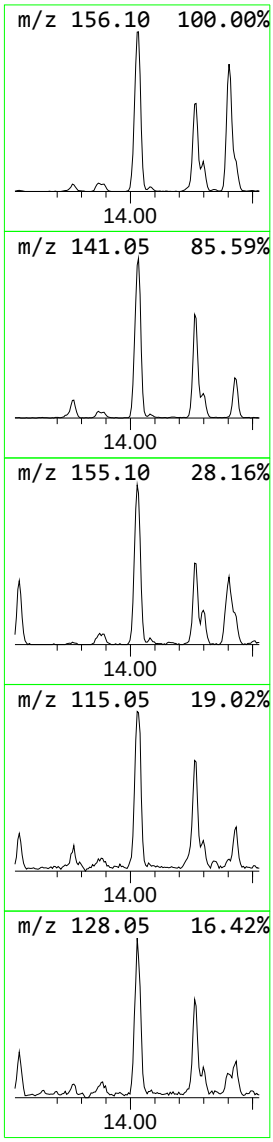
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	9.38 ng/ul	901288	Acenaphthene-d10	14.710

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

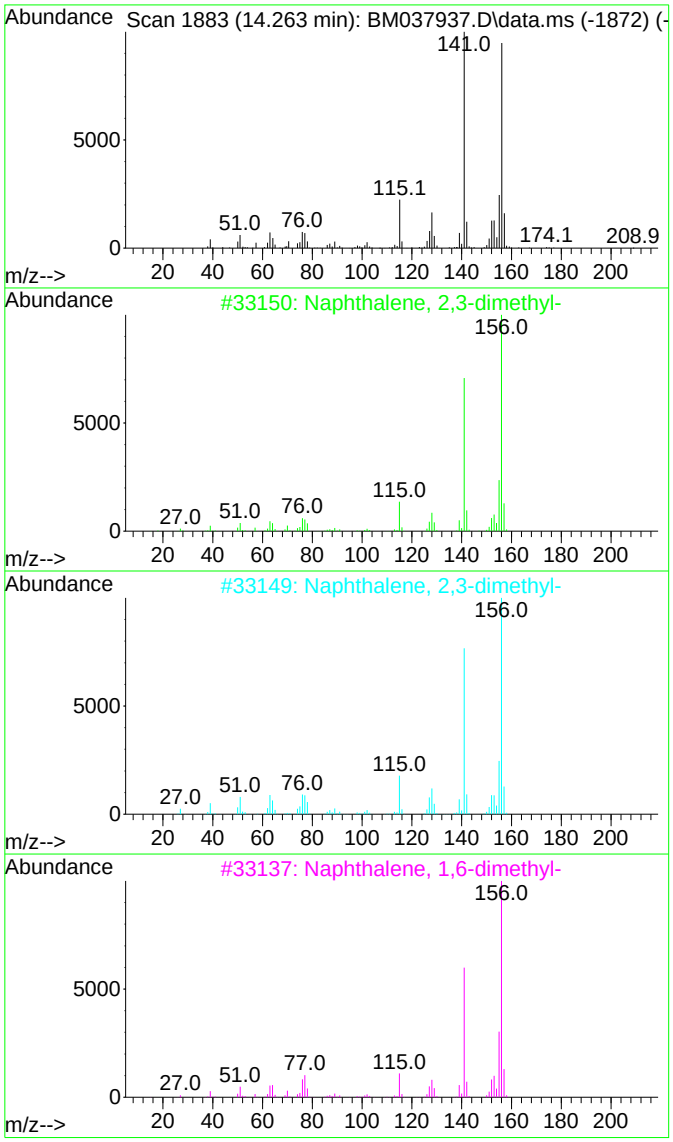
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

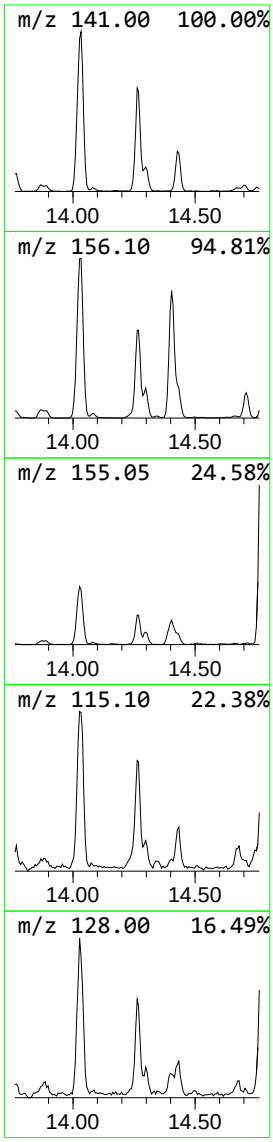
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	5.09 ng/ul	489437	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

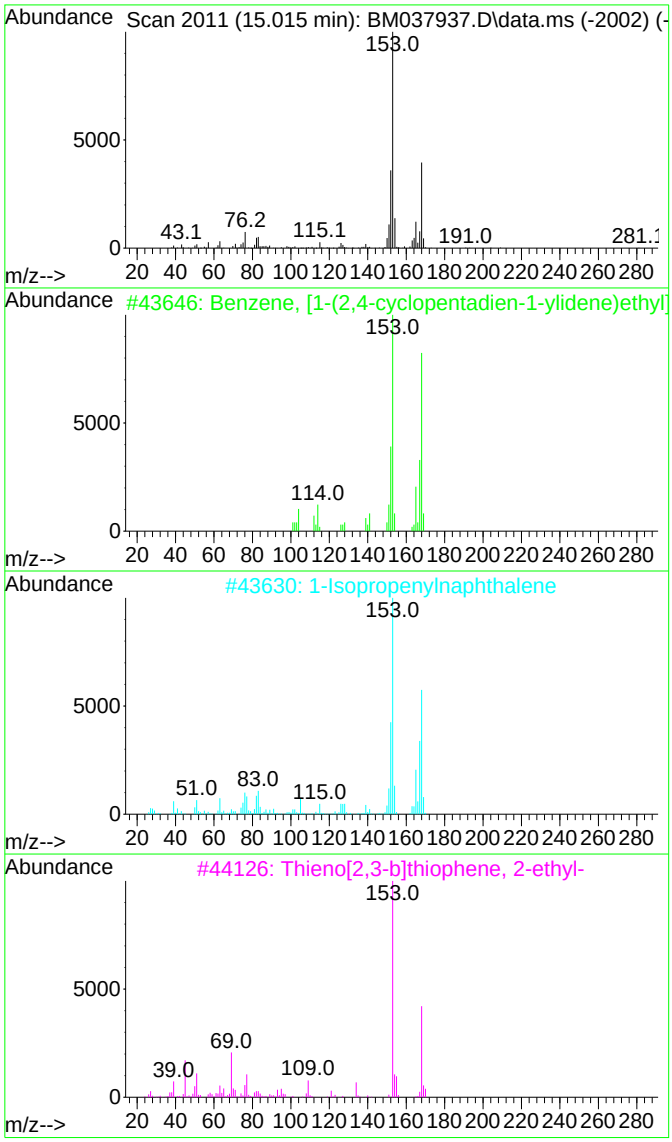
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

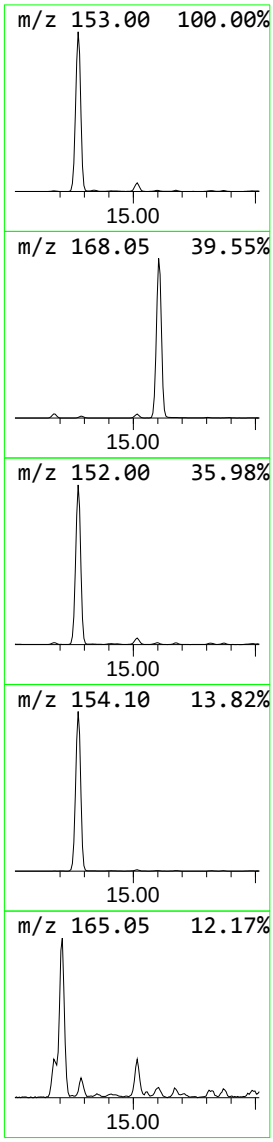
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, [1-(2,4-cyclopenta... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	4.28 ng/ul	411681	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	56
3	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

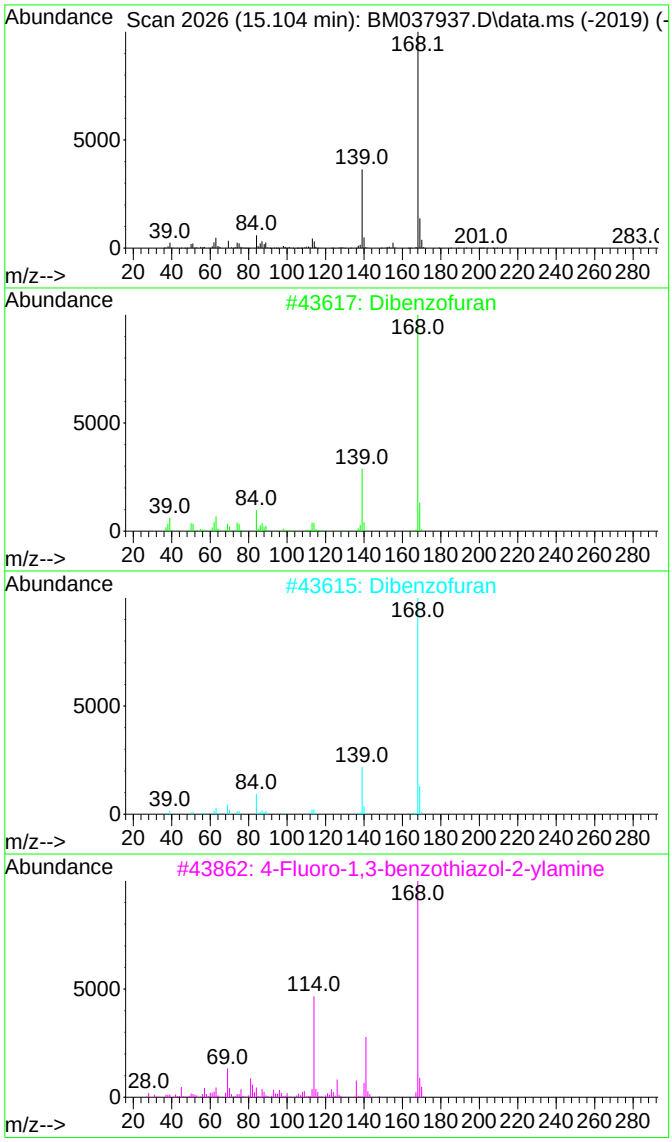
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

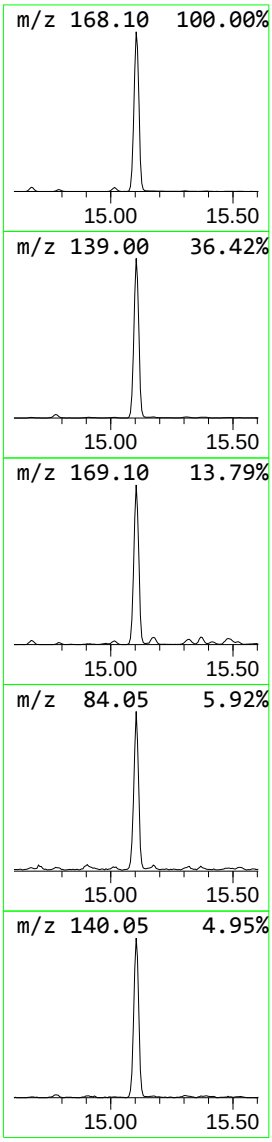
****

Peak Number 5 Dibenzo furan Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	46.60 ng/ul	4479630	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	64
4	Dibenzofuran	168	C12H8O	000132-64-9	64
5	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

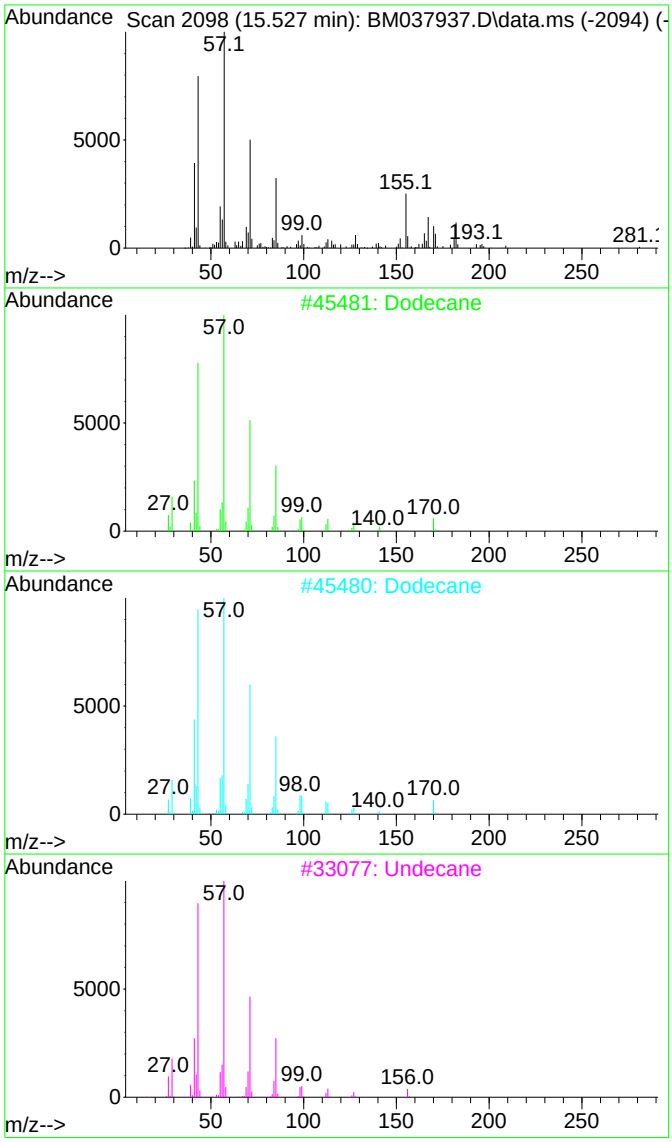
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

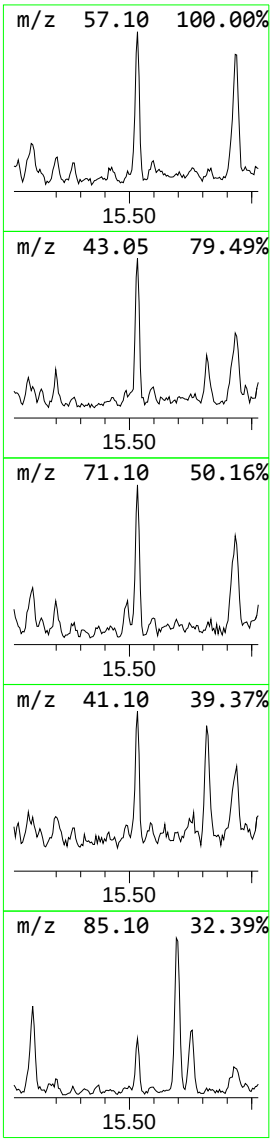
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	2.62 ng/ul	252030	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	Dodecane	170	C12H26	000112-40-3	53
3	Undecane	156	C11H24	001120-21-4	49
4	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	47
5	Undecane	156	C11H24	001120-21-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

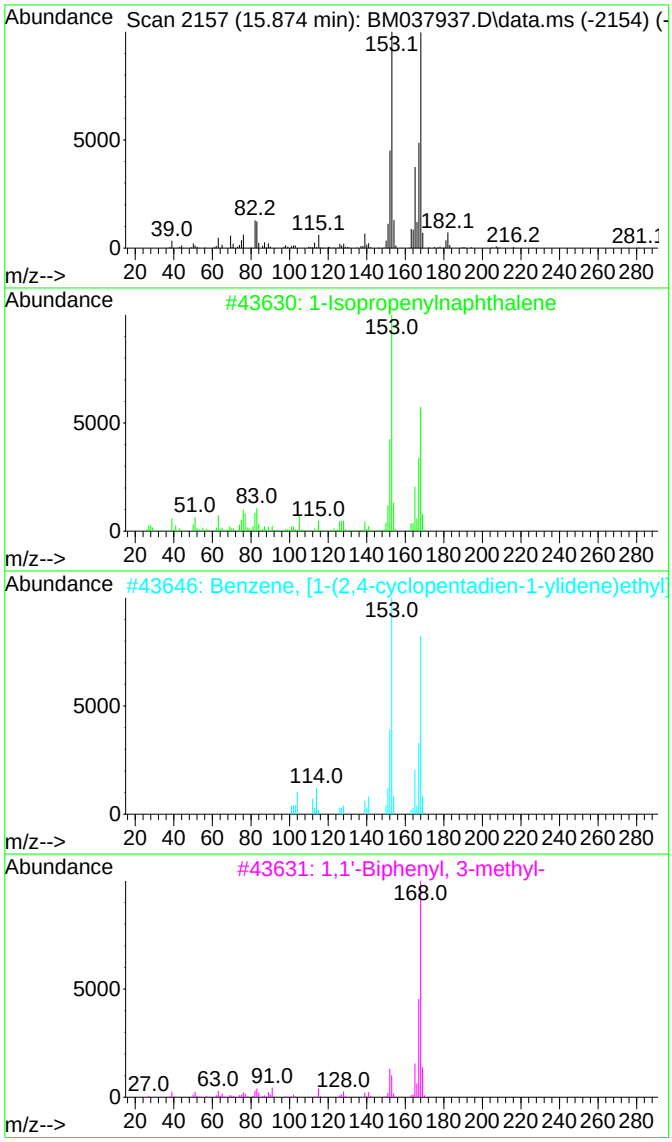
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

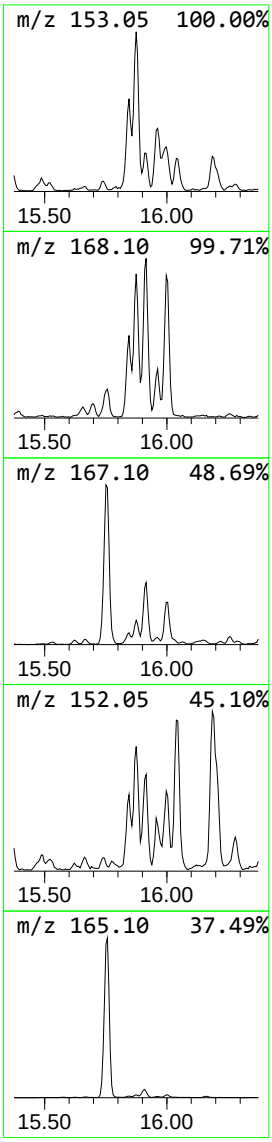
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	6.19 ng/ul	595239	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
4	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	43
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

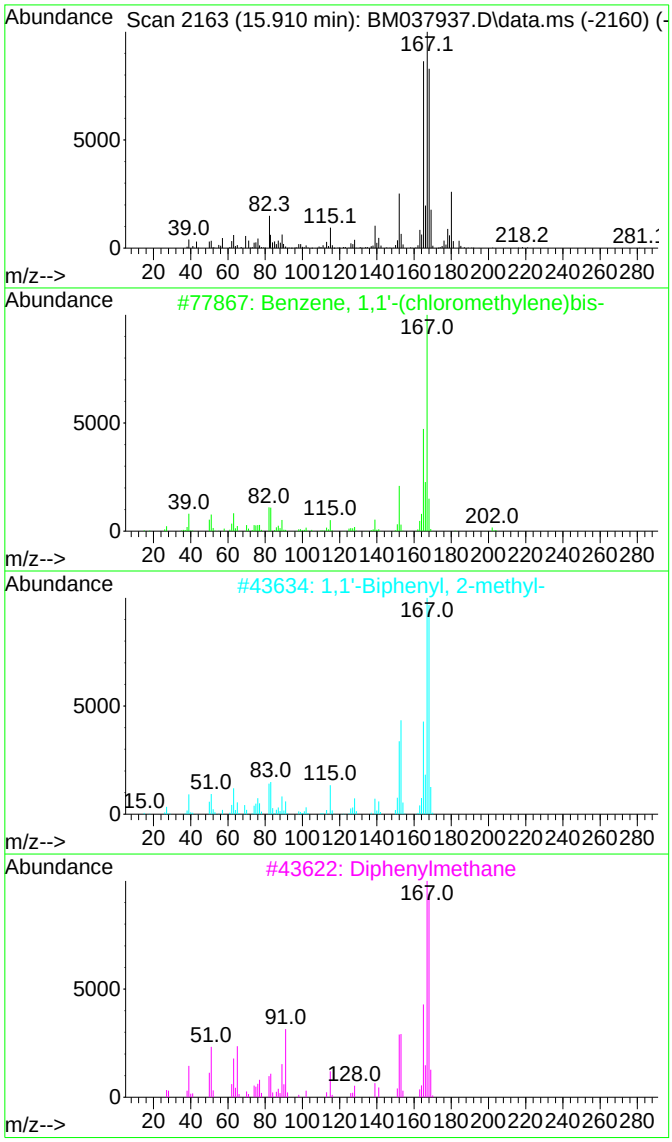
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

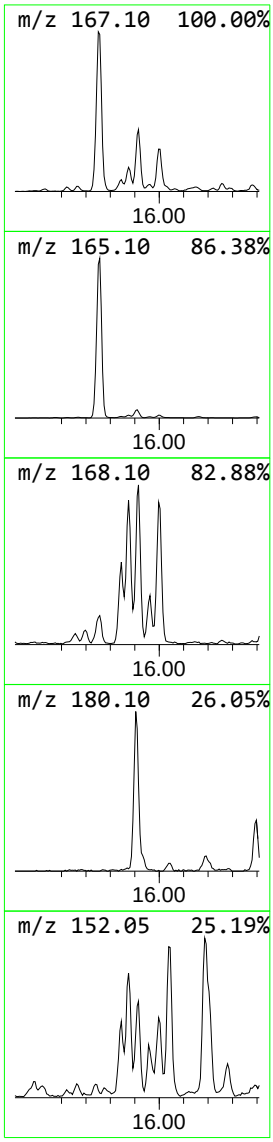
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(chloromethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	9.58 ng/ul	920979	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	55
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

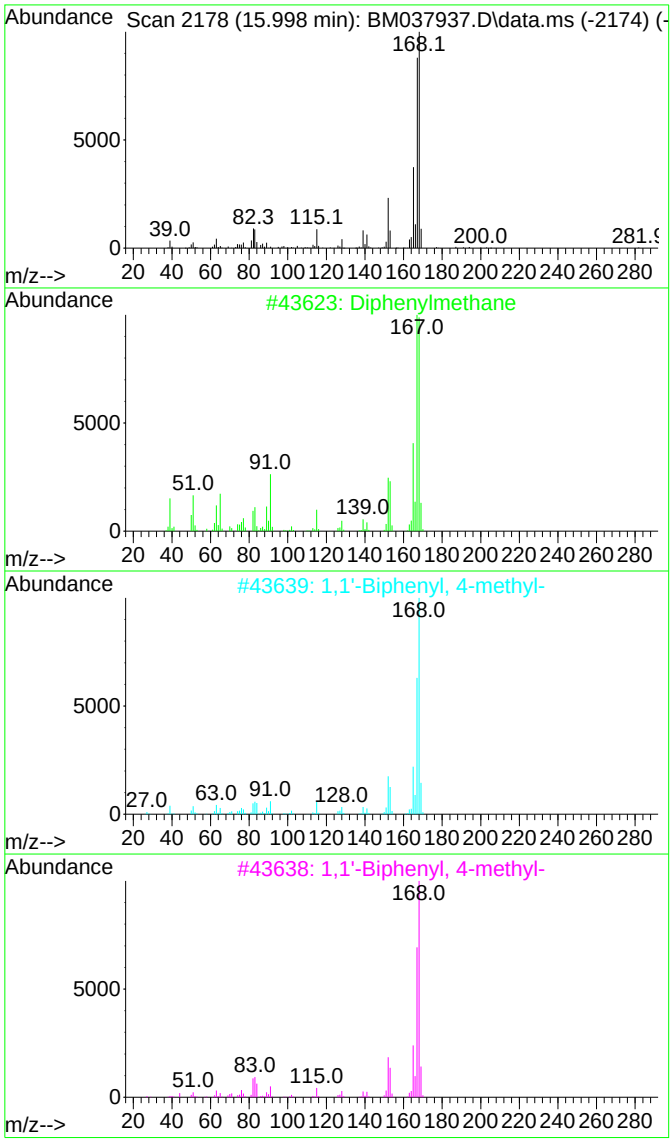
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

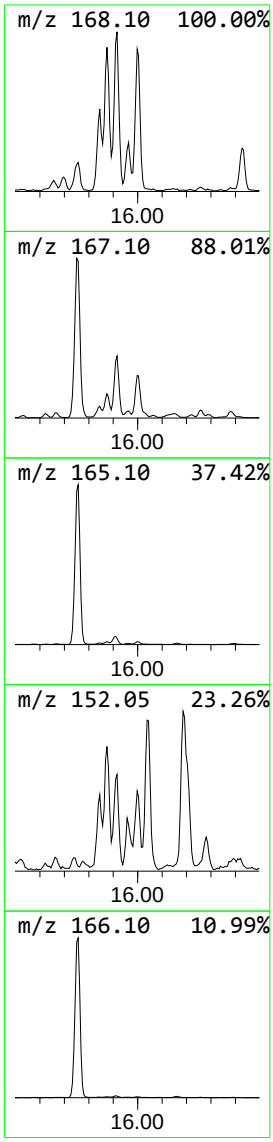
****

Peak Number 13 Diphenylmethane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	5.22 ng/ul	502174	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	80
4	Diphenylmethane	168	C13H12	000101-81-5	80
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

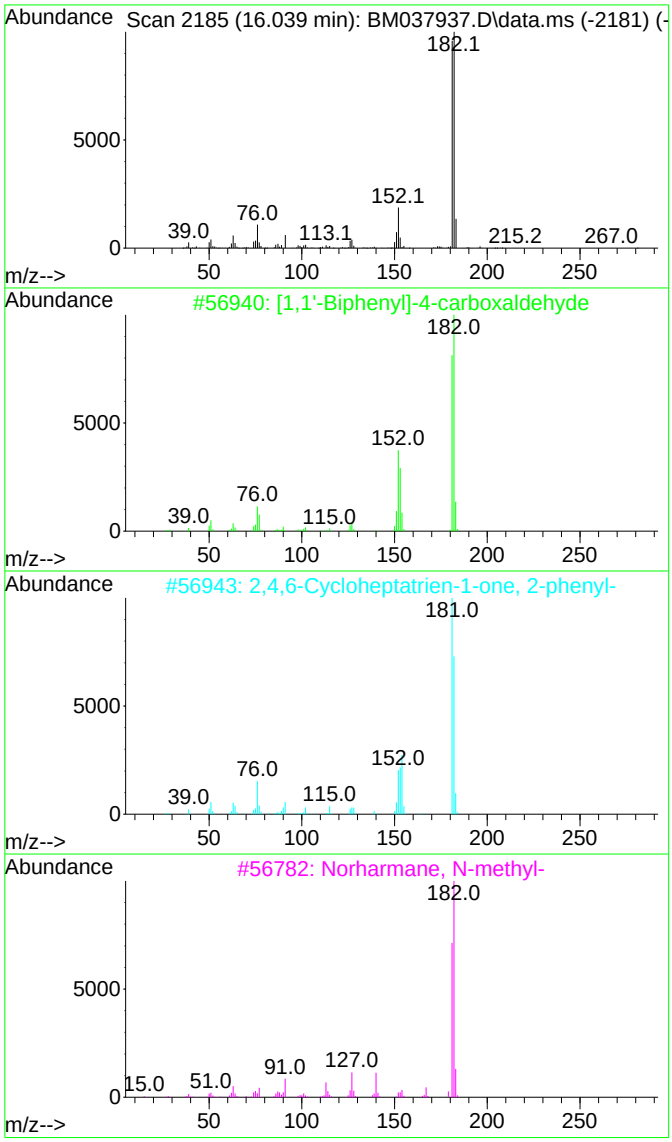
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

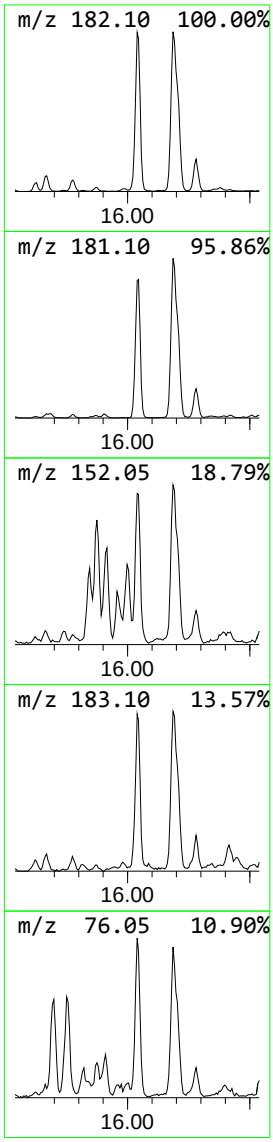
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	11.23 ng/ul	1079880	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	93
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	80
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

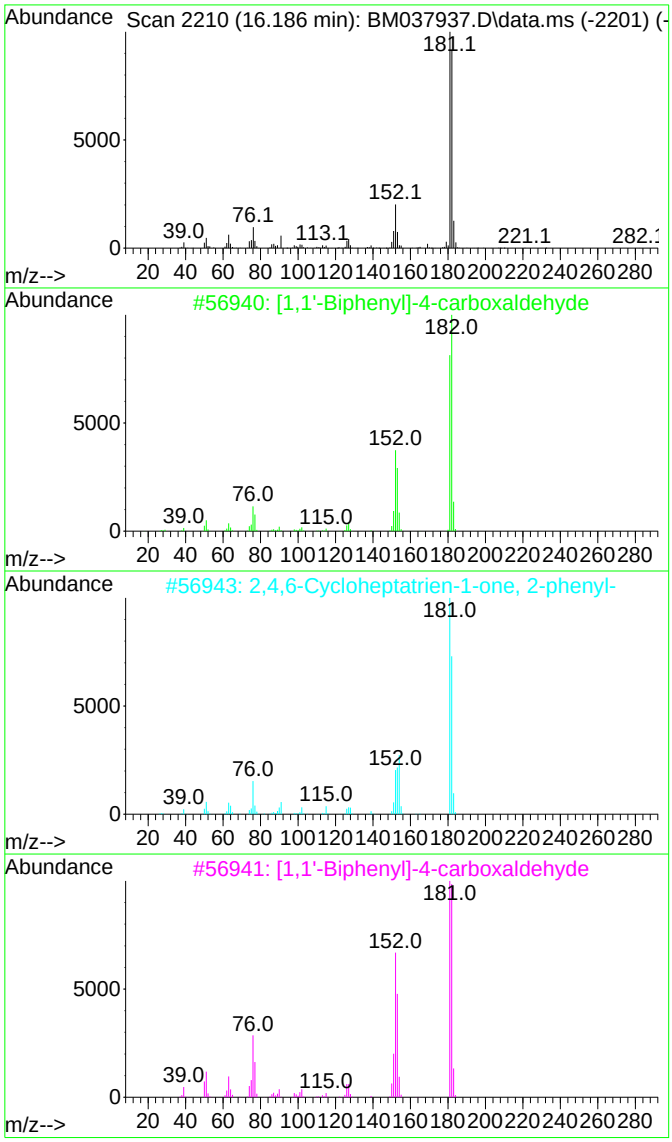
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

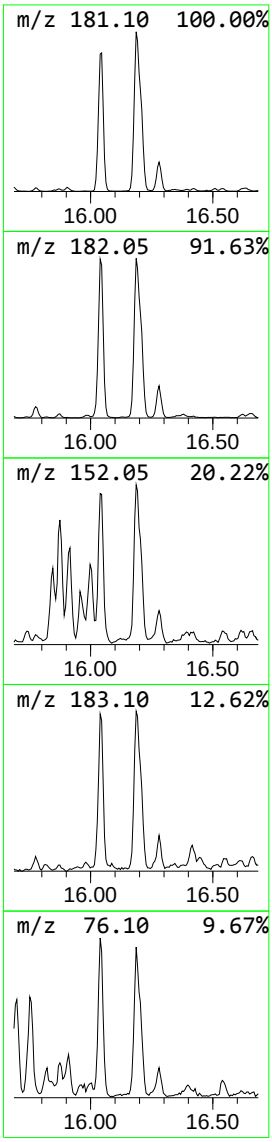
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	14.29 ng/ul	1603010	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
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-3-ol	182	C13H10O	006344-67-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

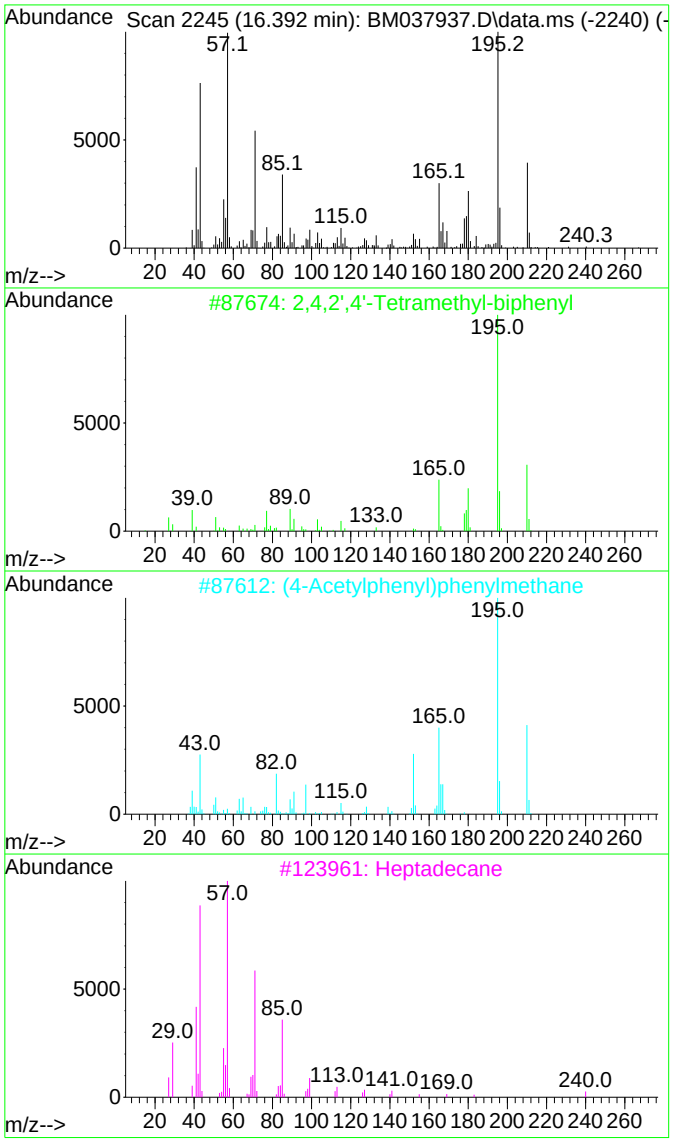
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

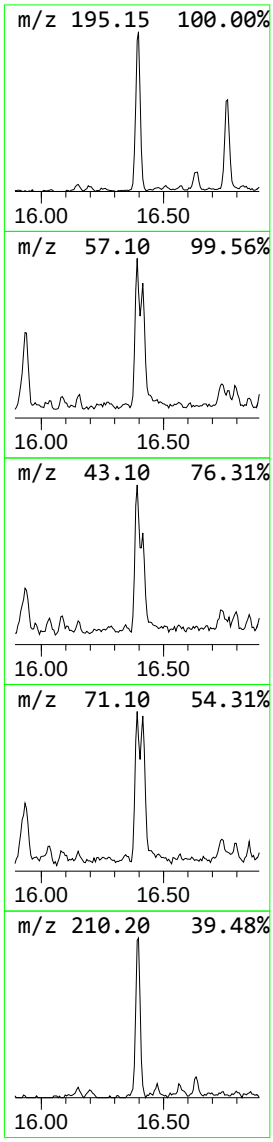
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	4.65 ng/ul	521744	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	94
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	55
3	Heptadecane	240	C17H36	000629-78-7	53
4	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	53
5	1-(4-Ethylpiperazin-1-yl)-2,2,2-...	210	C8H13F3N2O	1010373-19-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

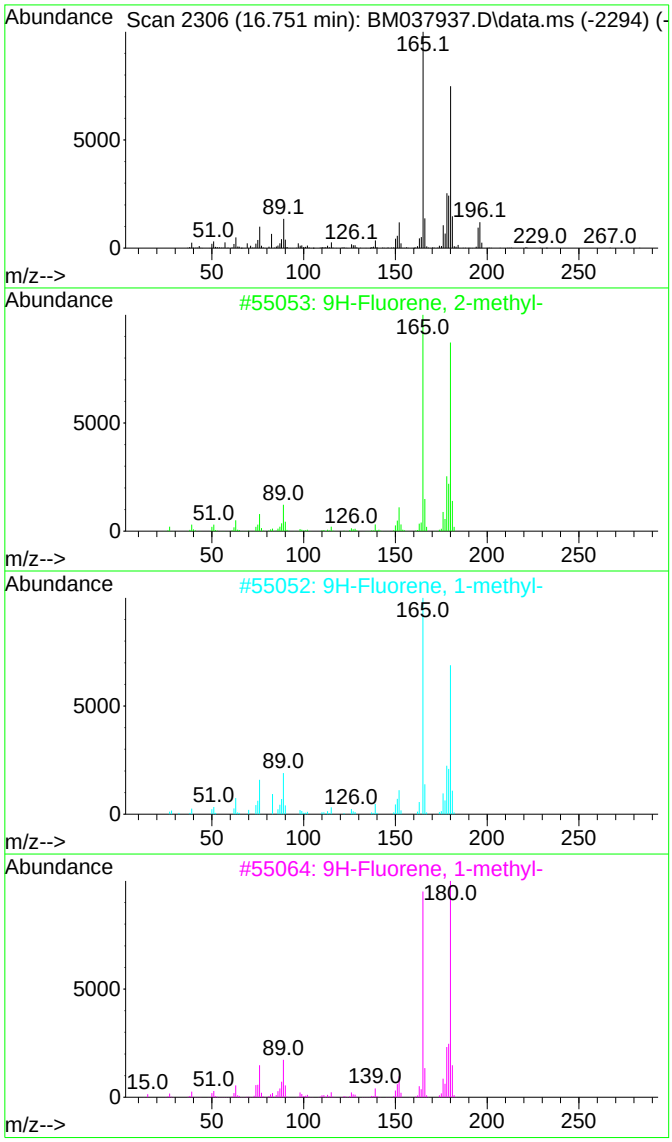
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

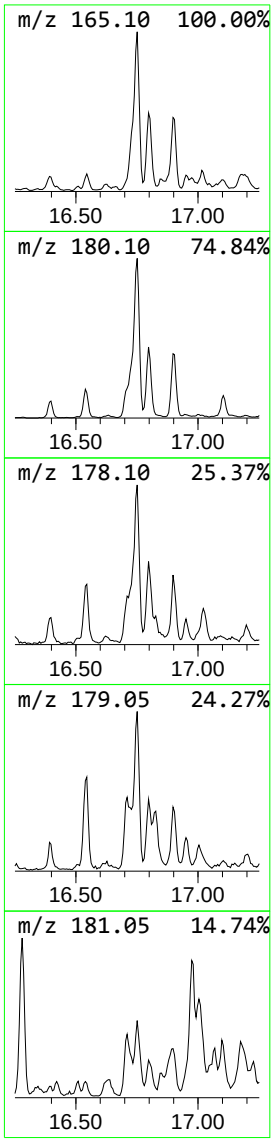
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	11.47 ng/ul	1287350	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

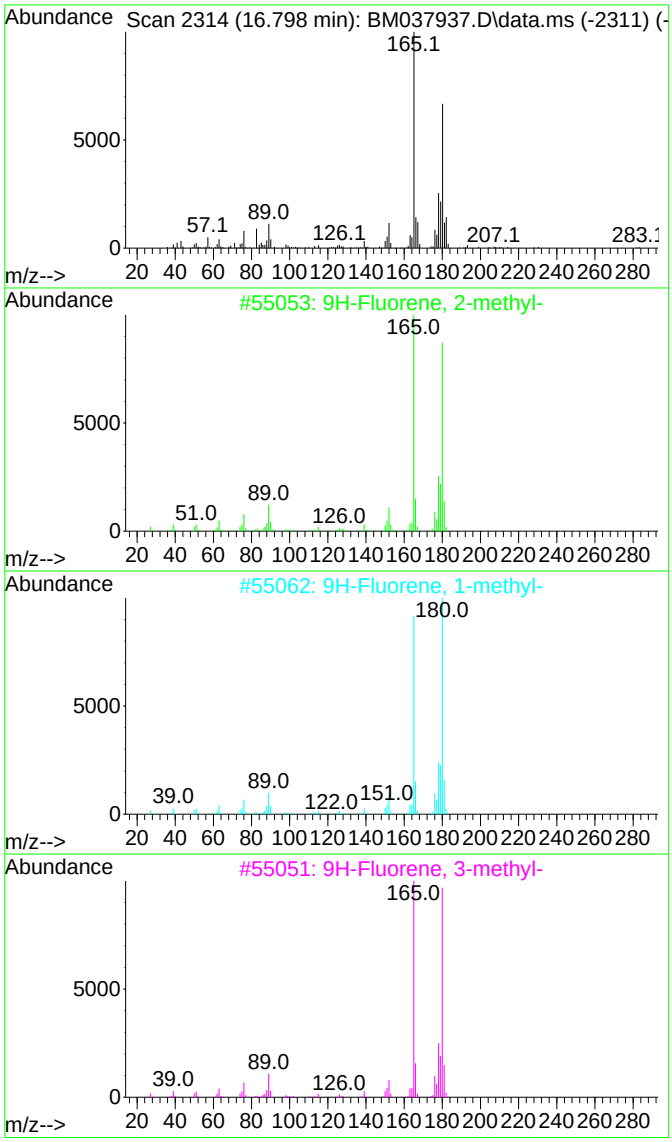
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

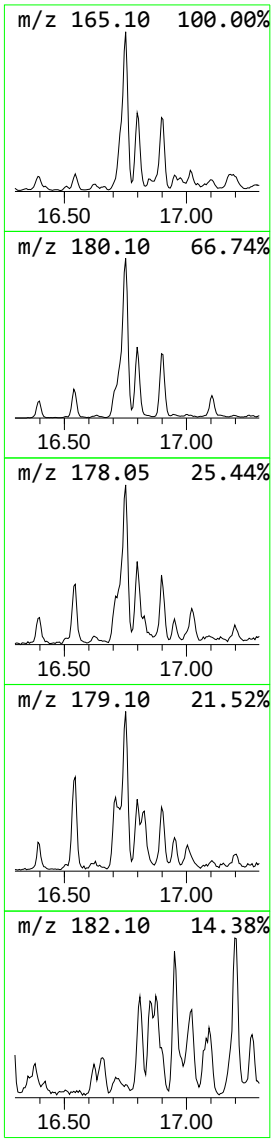
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	4.36 ng/ul	489368	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

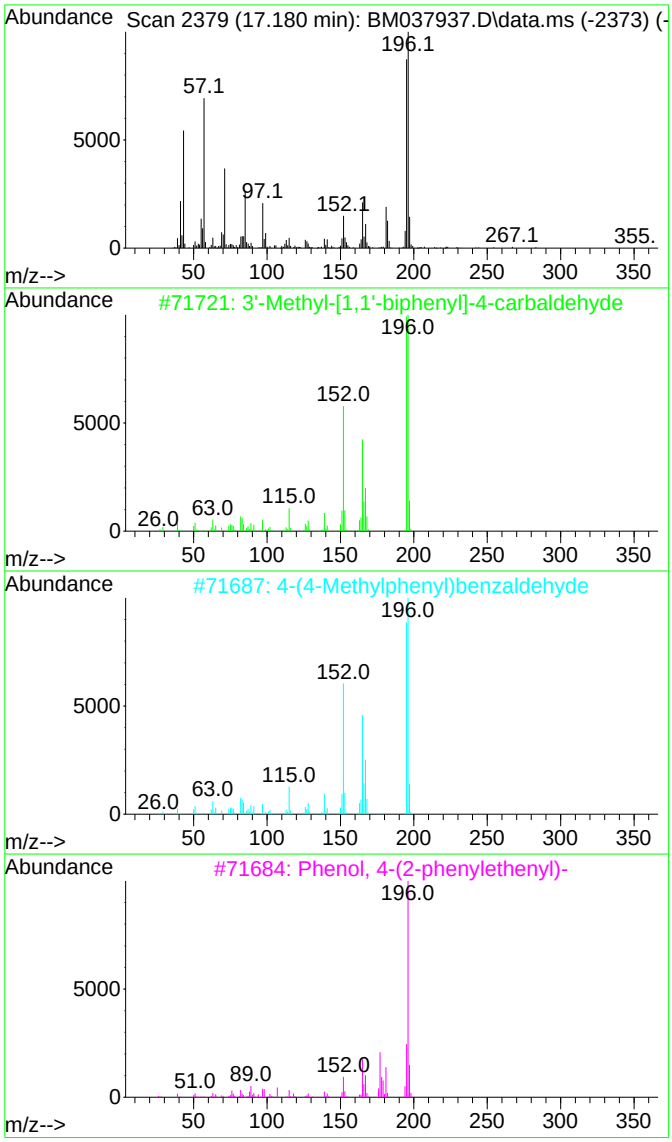
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

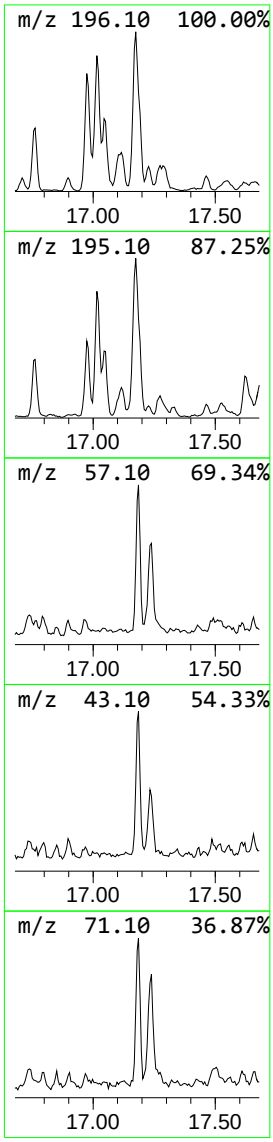
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	7.79 ng/ul	873863	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	93
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	92
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	55
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
5	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

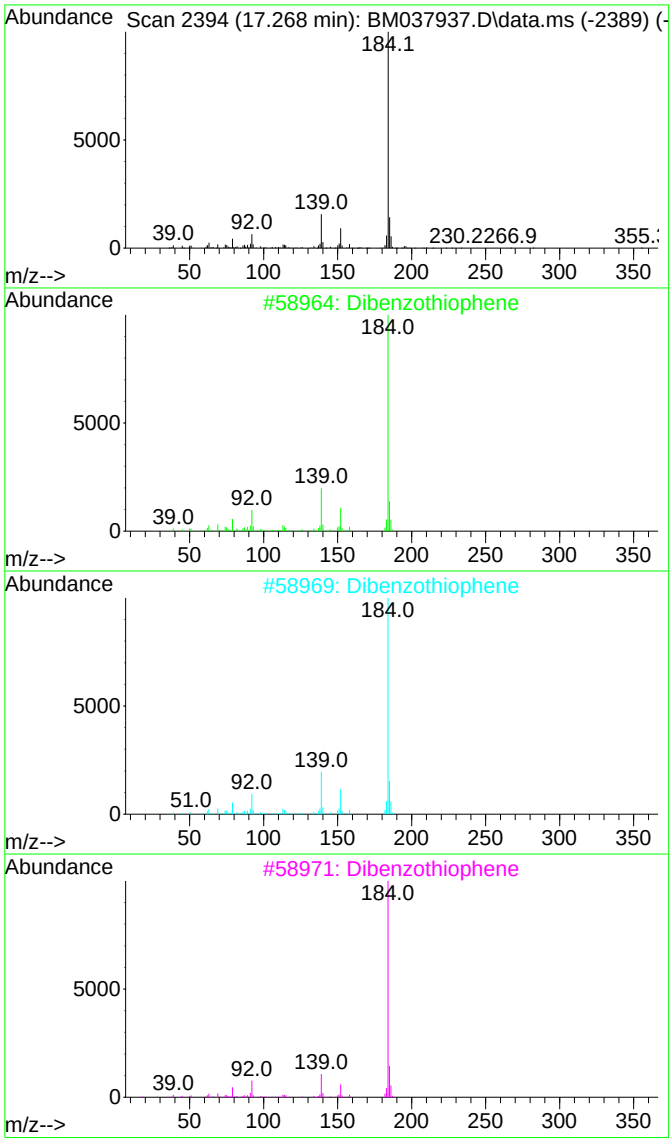
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

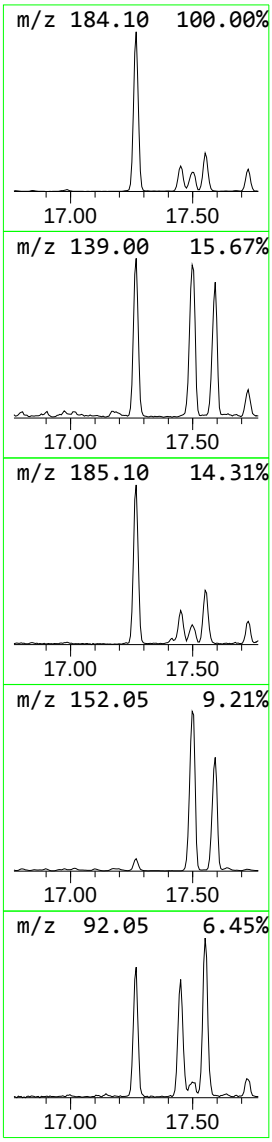
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	15.73 ng/ul	1765370	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

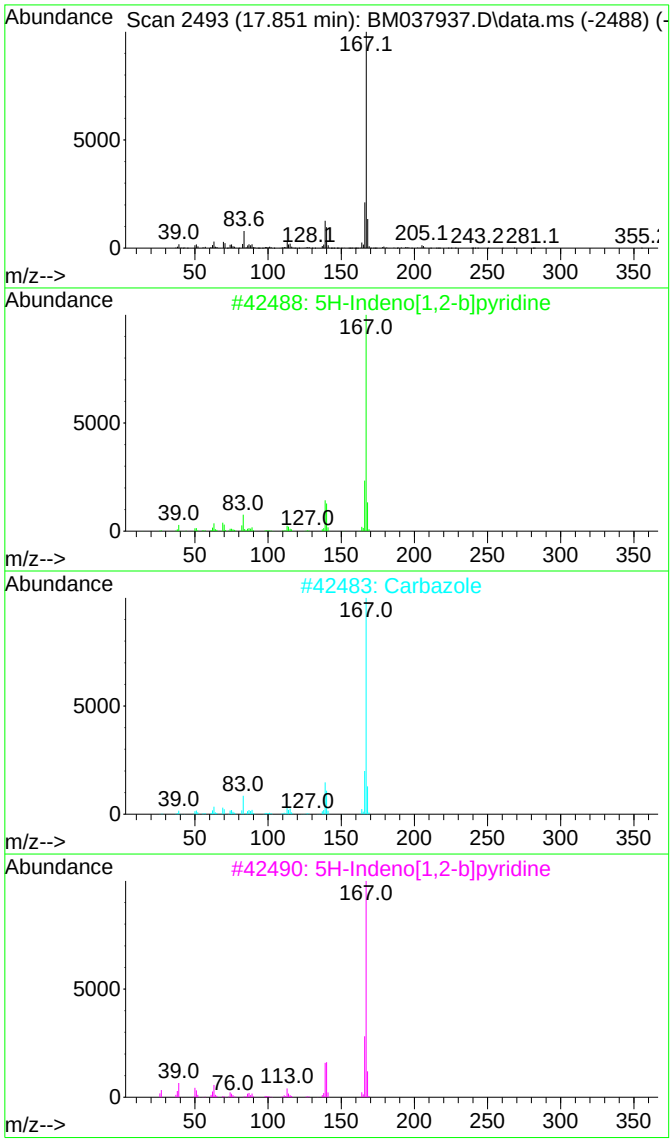
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

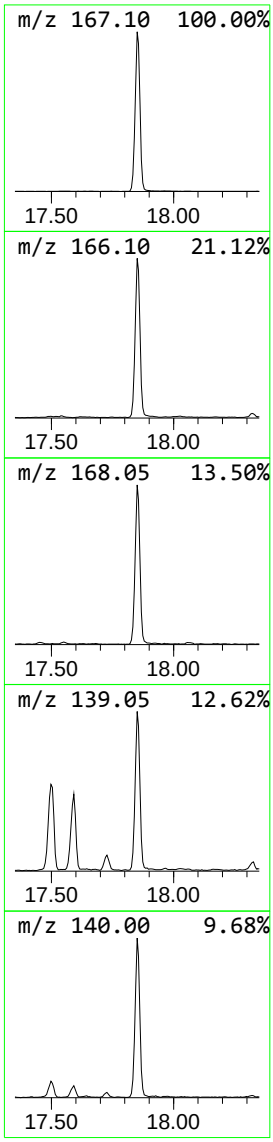
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	34.25 ng/ul	3842790	Phenanthrene-d10	17.451

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

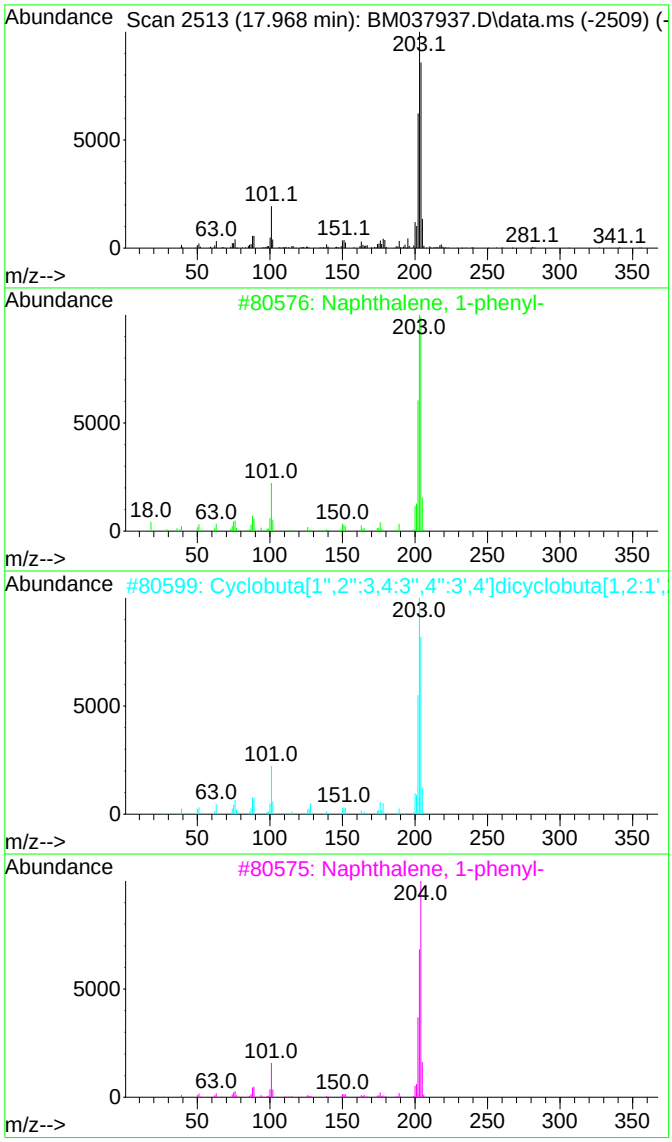
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

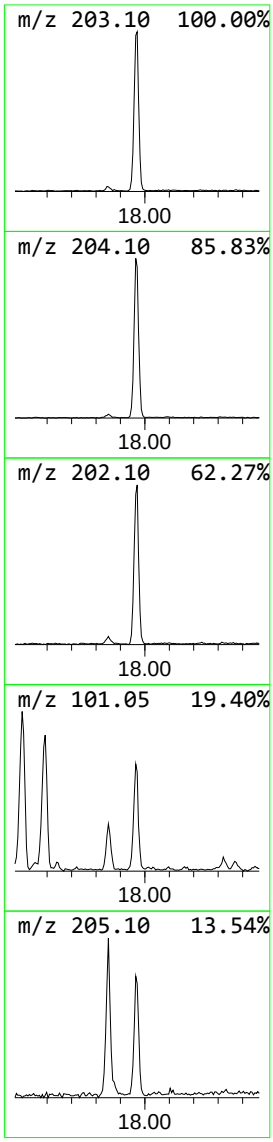
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.968	4.19 ng/ul	470605	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

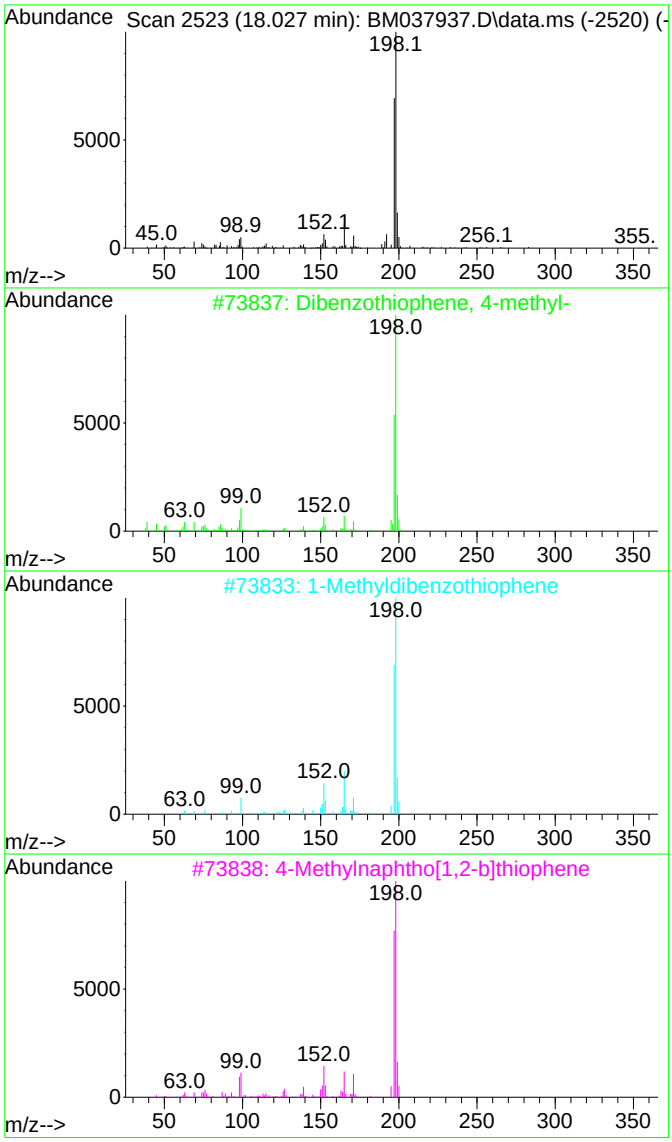
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

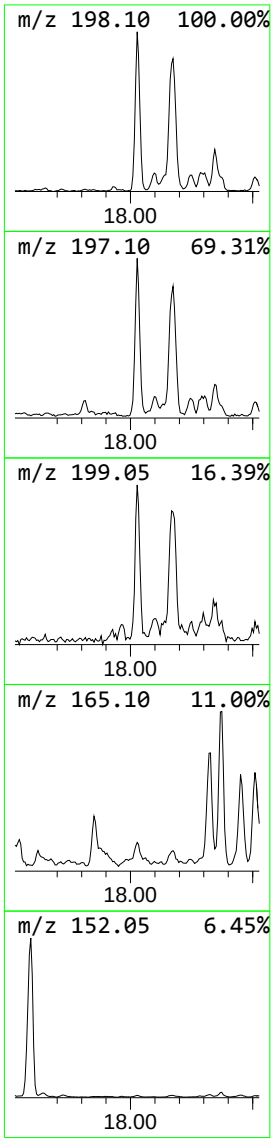
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Dibenzothiophene, 4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	3.04 ng/ul	341611	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

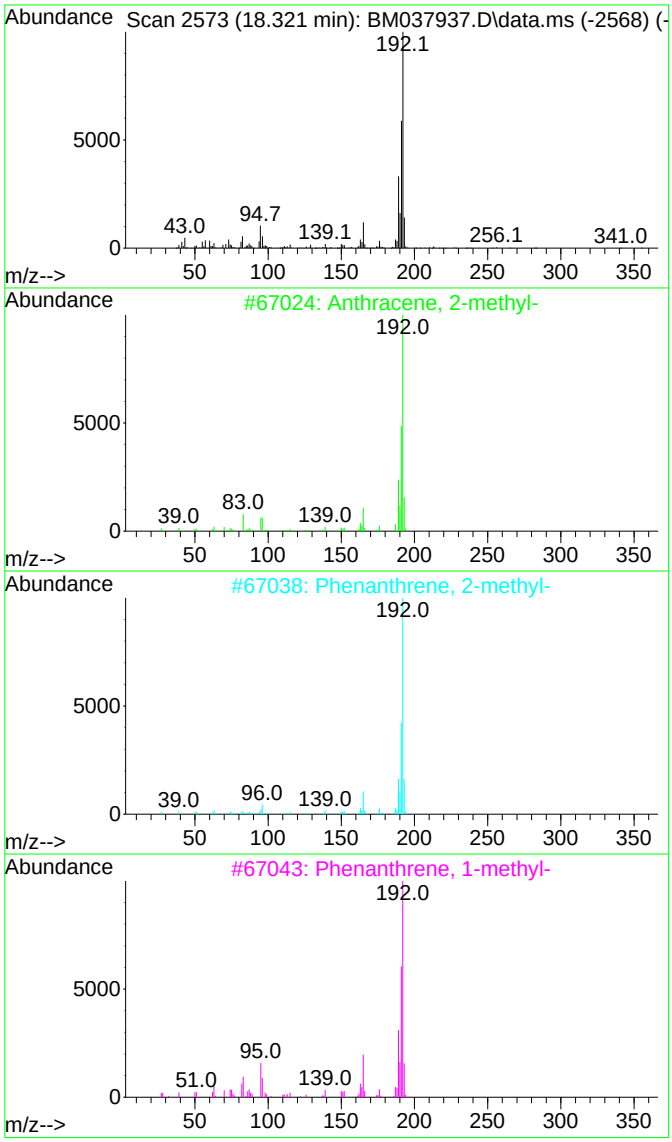
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

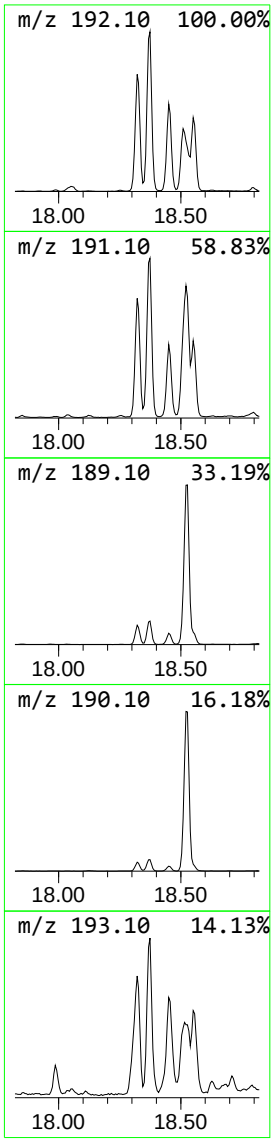
****

Peak Number 30 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	14.98 ng/ul	1680850	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

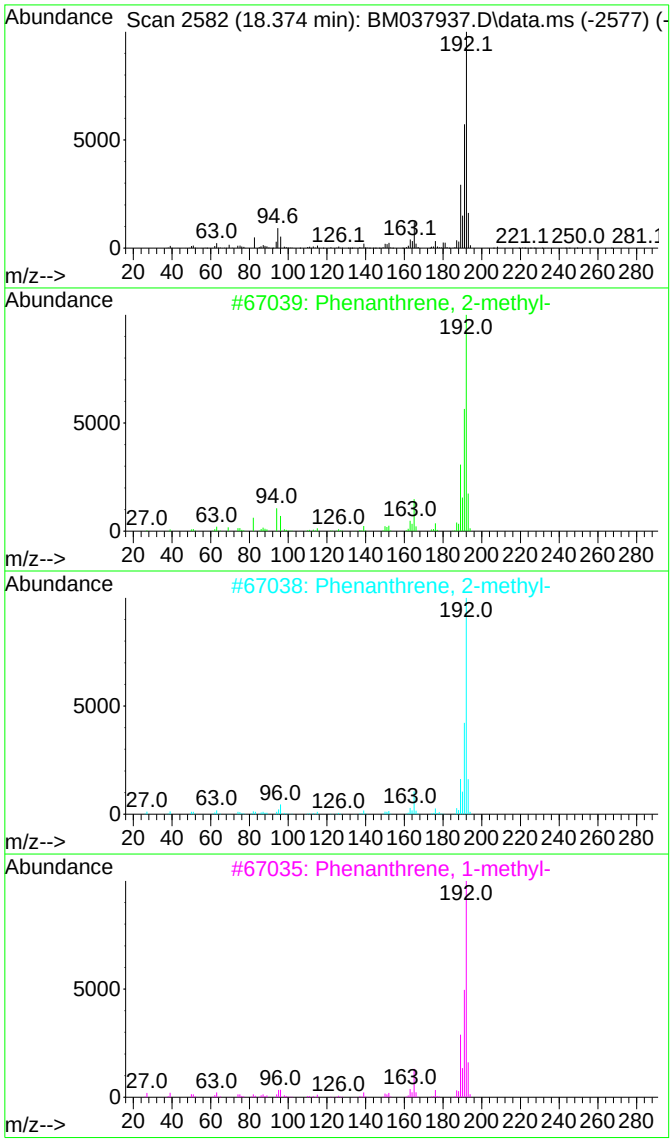
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

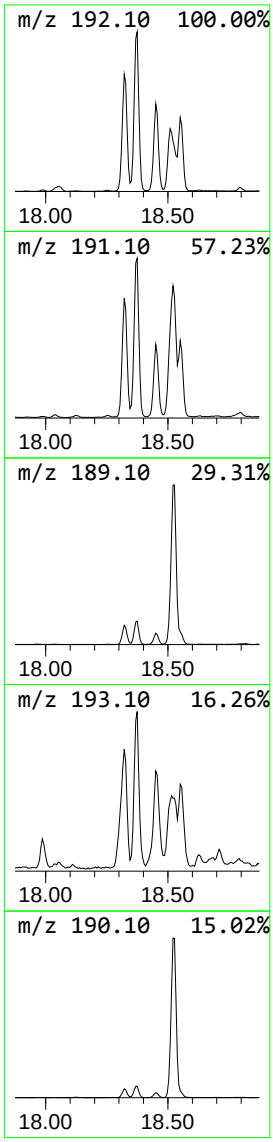
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	19.51 ng/ul	2188610	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

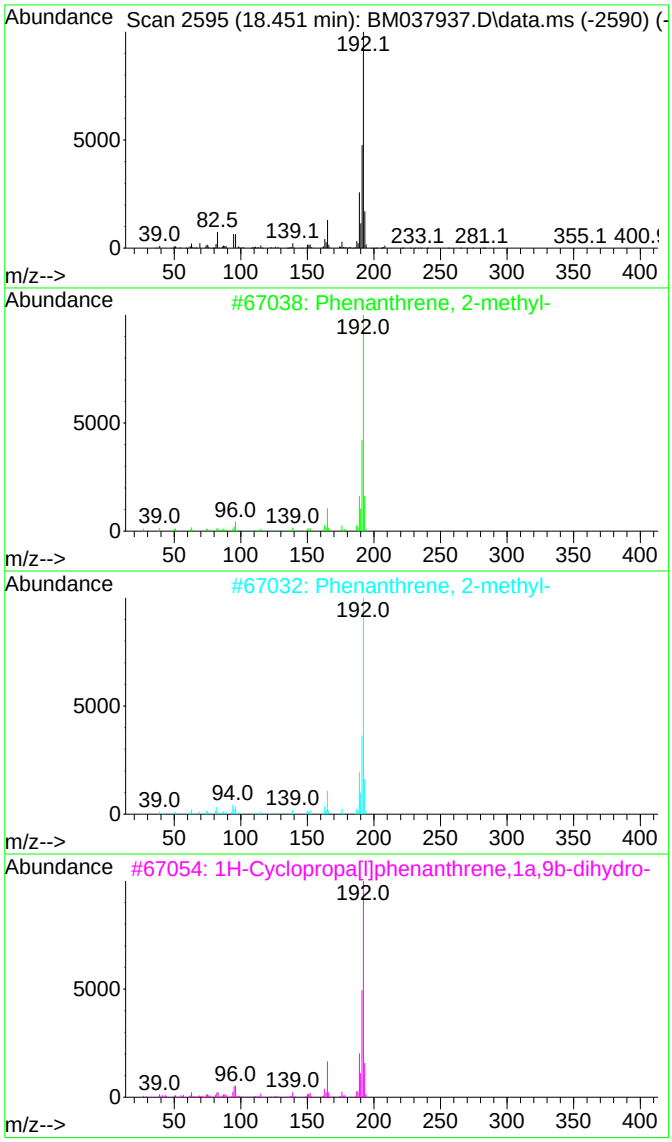
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

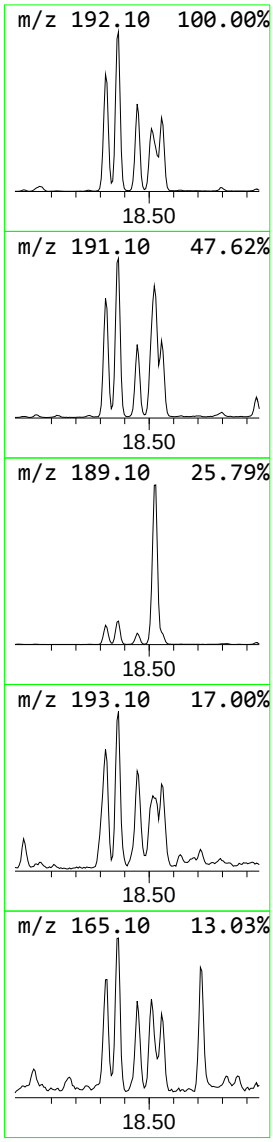
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	9.26 ng/ul	1038660	Phenanthrene-d10	17.451

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

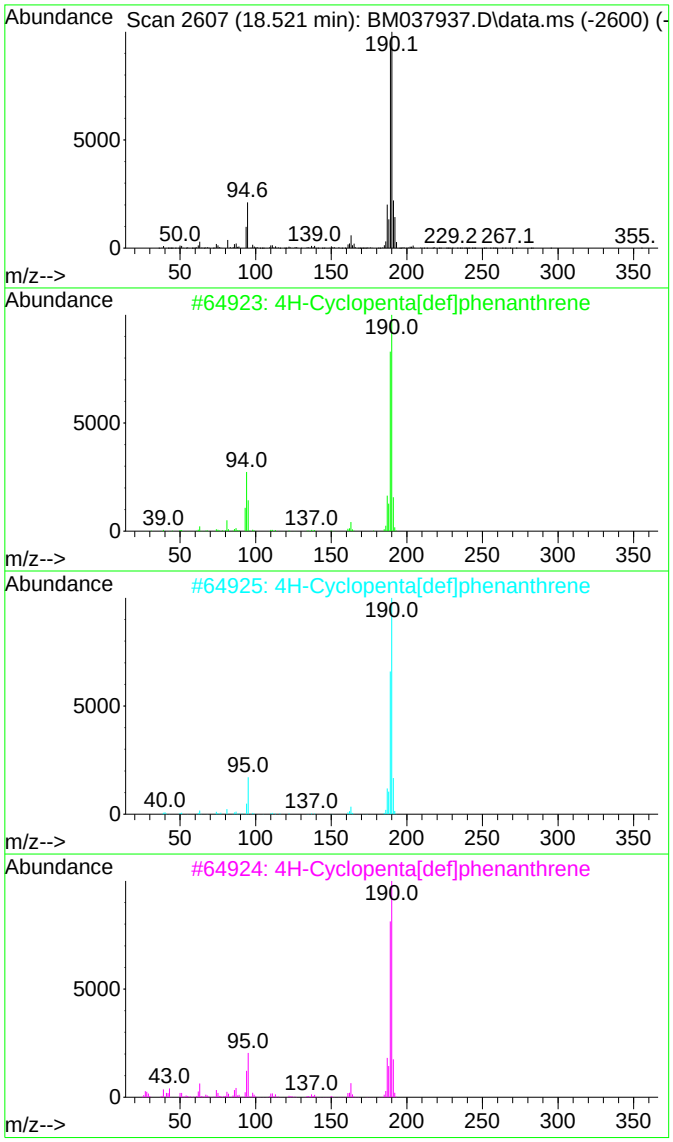
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

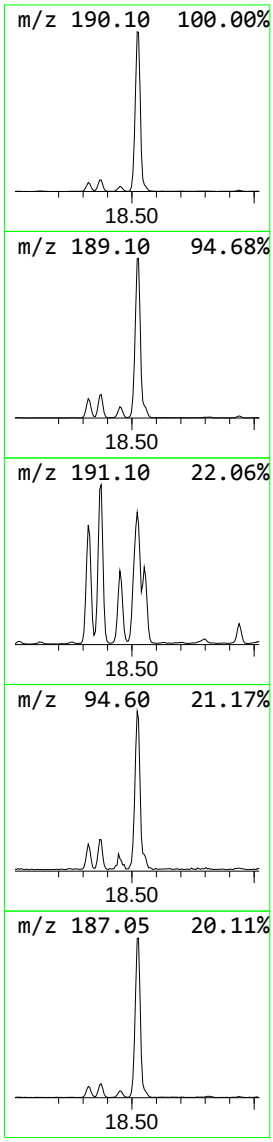
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	51.89 ng/ul	5822290	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

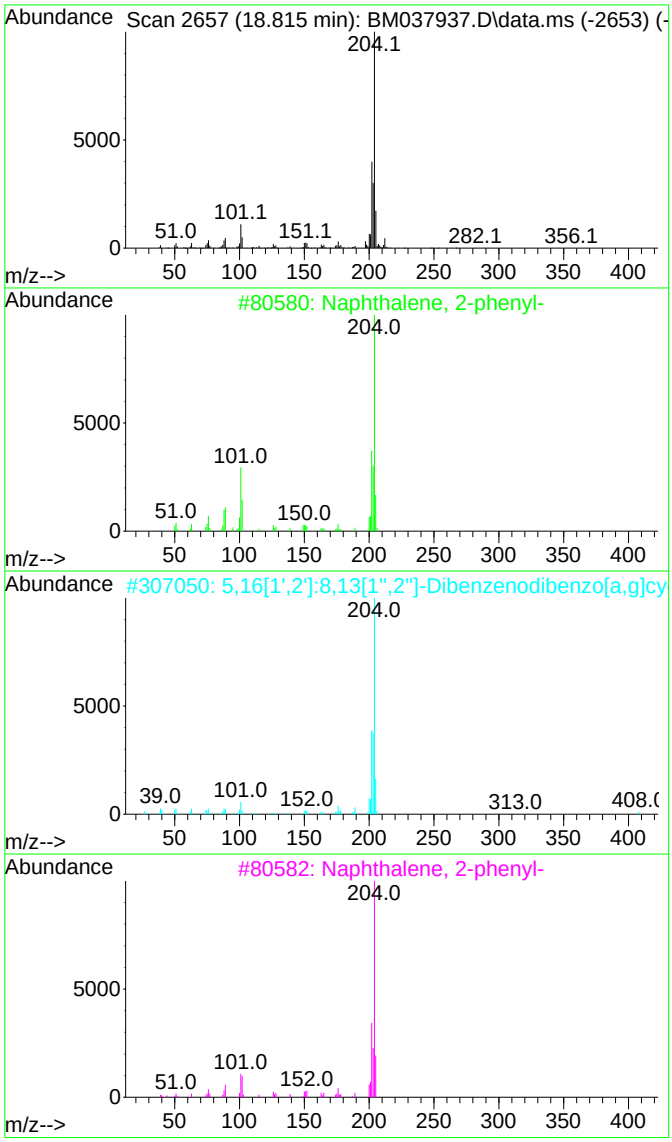
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

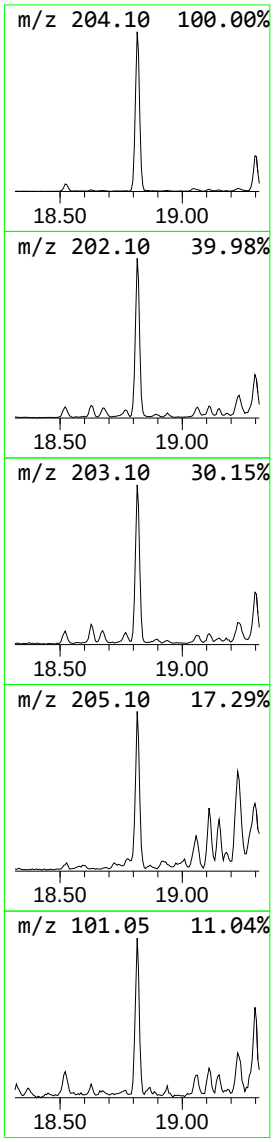
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.815	8.31 ng/ul	932041	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

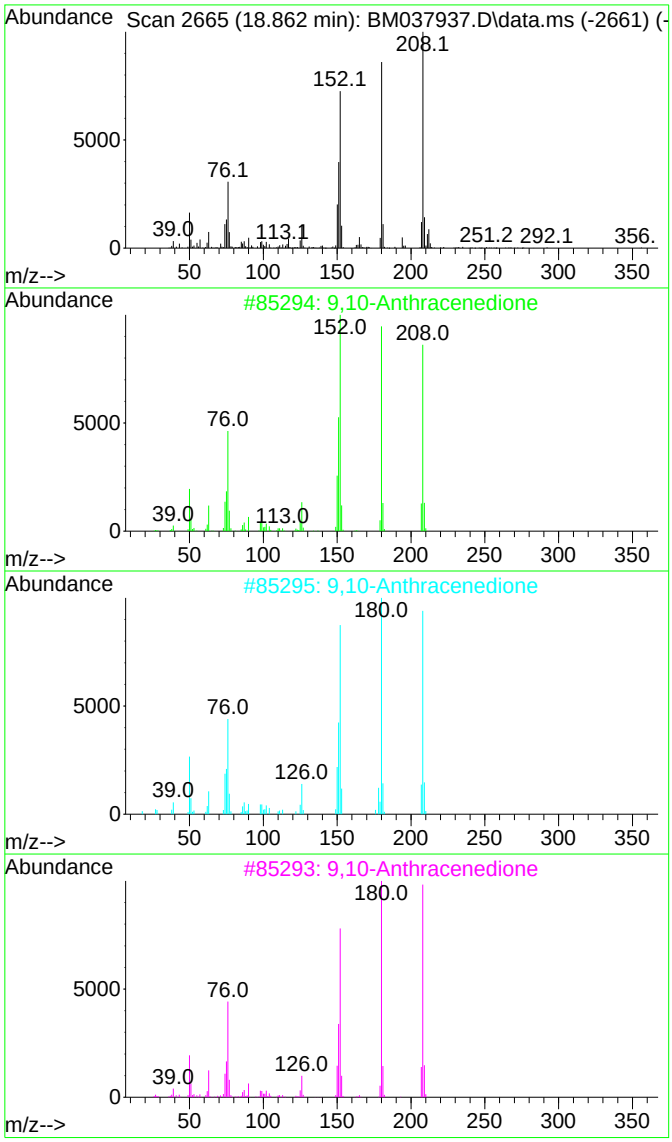
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

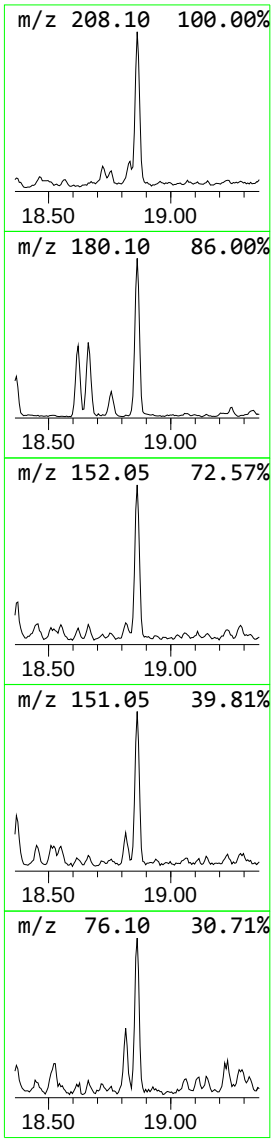
****

Peak Number 37 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	5.43 ng/ul	609246	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

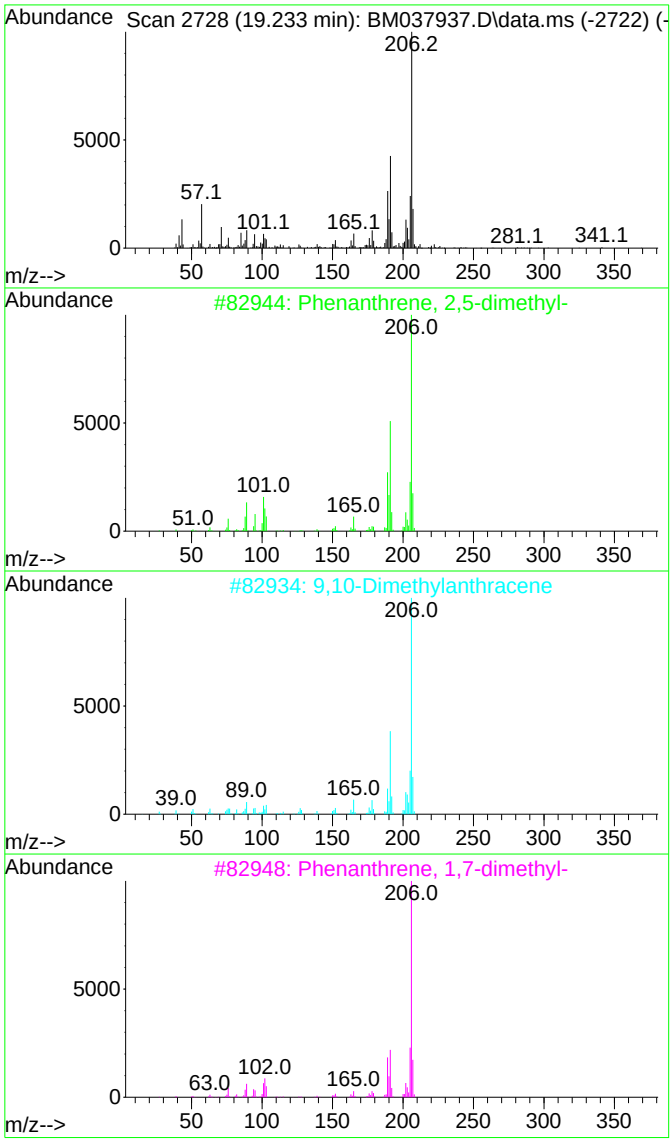
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

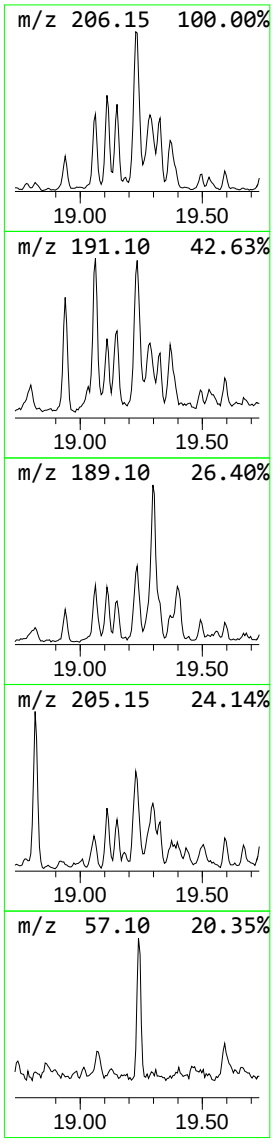
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	7.88 ng/ul	884056	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

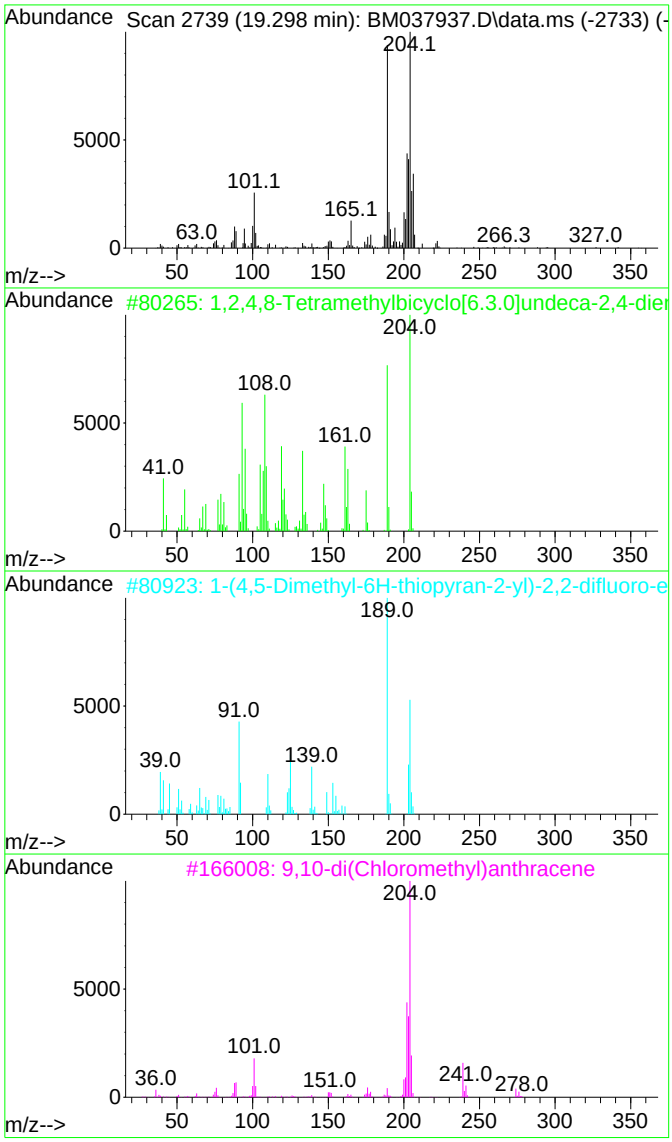
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

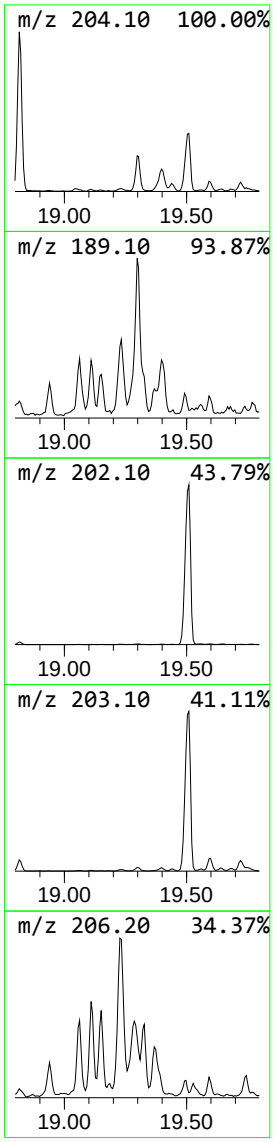
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	5.28 ng/ul	592091	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
2	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	52
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

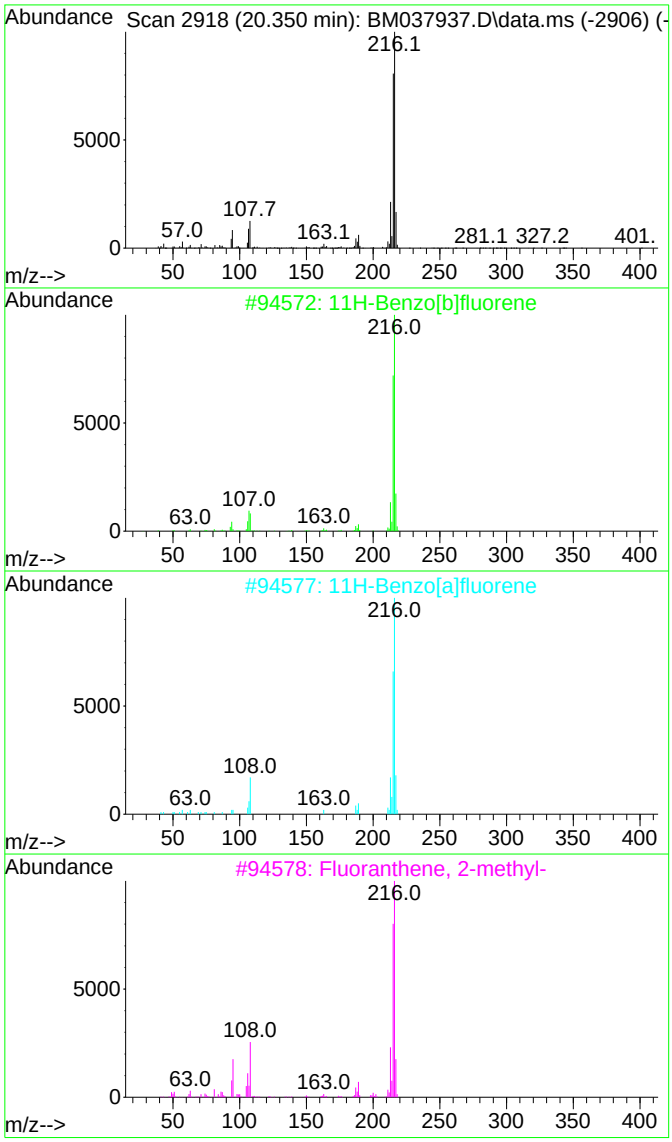
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

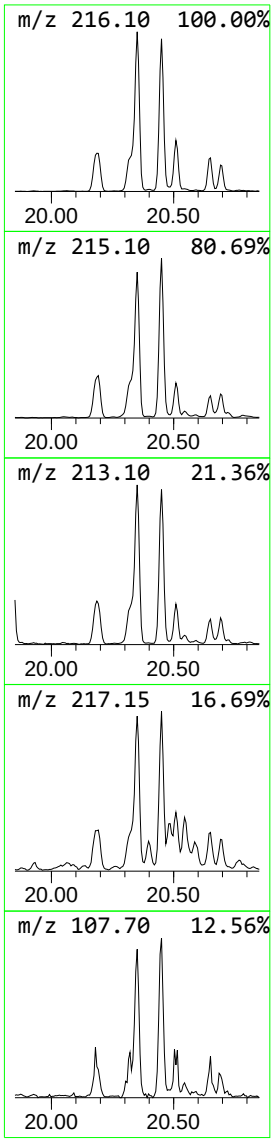
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.350	8.90 ng/ul	3678630	Chrysene-d12	21.621

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	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

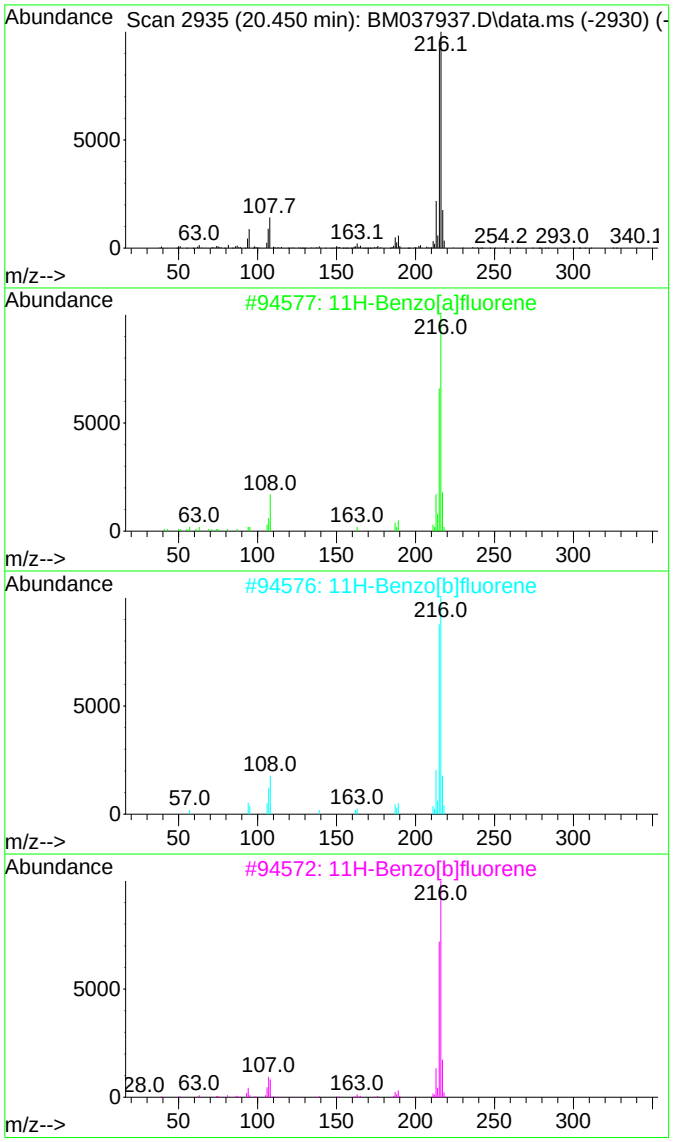
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

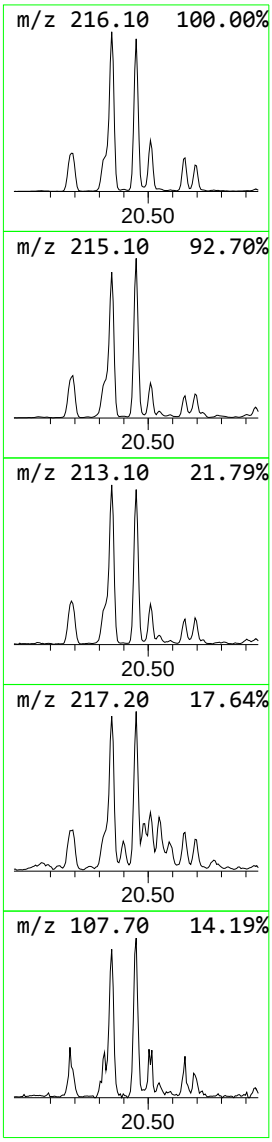
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.450	6.23 ng/ul	2575390	Chrysene-d12	21.621

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

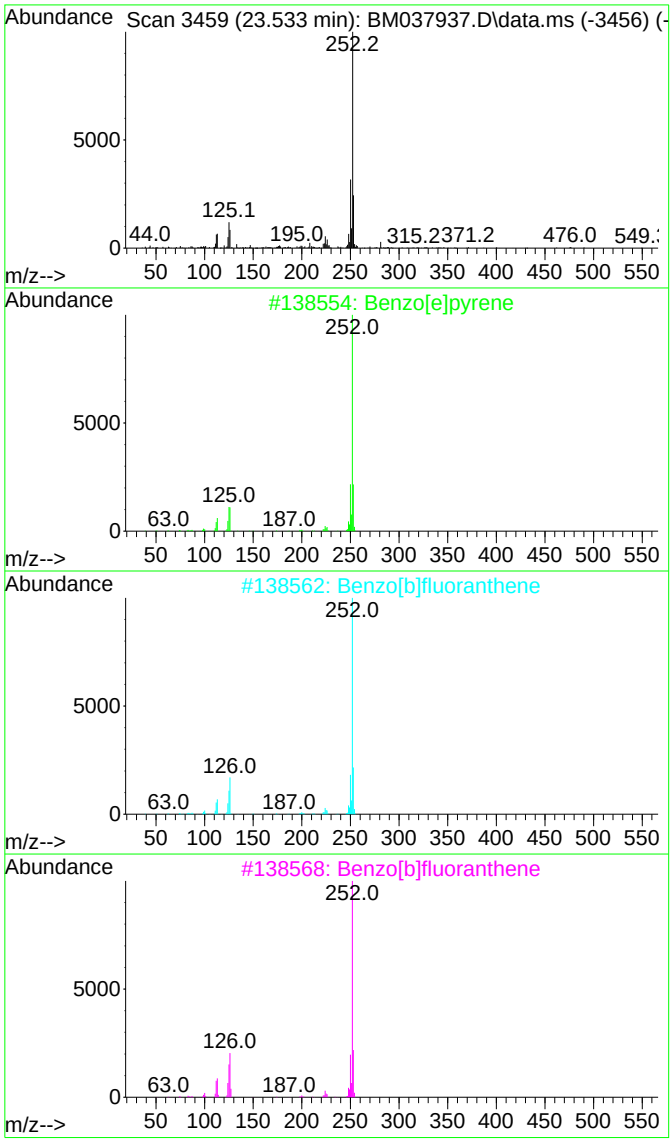
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

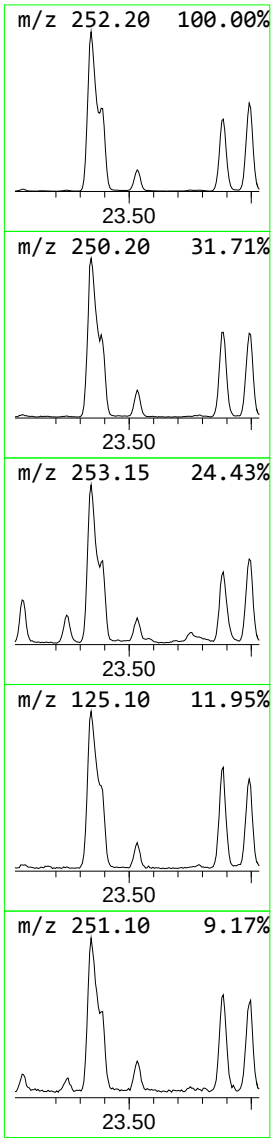
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzo[e]pyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	3.85 ng/ul	408628	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

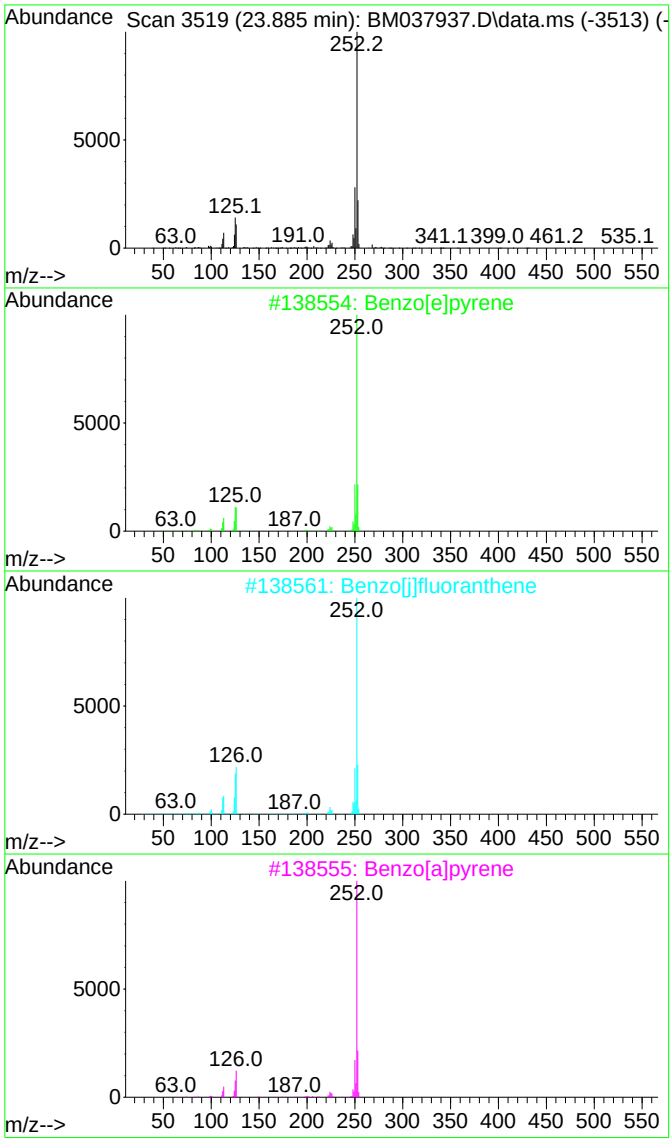
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

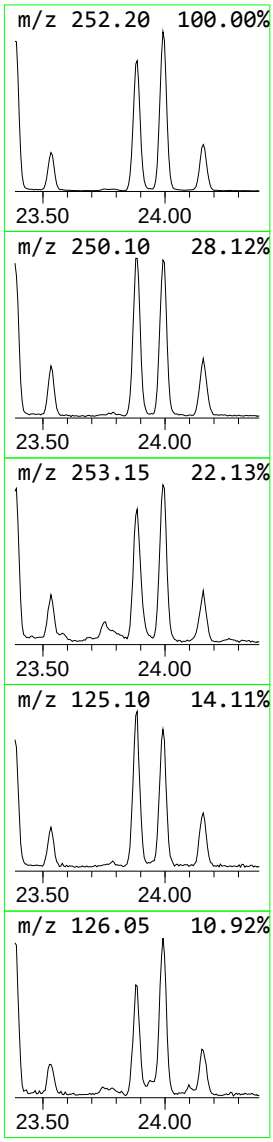
****

Peak Number 53 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	14.94 ng/ul	1586760	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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	13.545	4.6	ng/ul	445182	3	14.710	1922470	20.0
Naphthalene, 2,...	14.027	9.4	ng/ul	901288	3	14.710	1922470	20.0
Naphthalene, 1,...	14.263	5.1	ng/ul	489437	3	14.710	1922470	20.0
Benzene, [1-(2,...	15.015	4.3	ng/ul	411681	3	14.710	1922470	20.0
Dibenzo furan	15.104	46.6	ng/ul	4479630	3	14.710	1922470	20.0
(DEL) Alkane: S...	15.527	2.6	ng/ul	252030	3	14.710	1922470	20.0
1-Isopropenylna...	15.874	6.2	ng/ul	595239	3	14.710	1922470	20.0
Benzene, 1,1'-(...	15.910	9.6	ng/ul	920979	3	14.710	1922470	20.0
Diphenylmethane	15.998	5.2	ng/ul	502174	3	14.710	1922470	20.0
[1,1'-Biphenyl]...	16.039	11.2	ng/ul	1079880	3	14.710	1922470	20.0
2,4,6-Cycloheptt...	16.186	14.3	ng/ul	1603010	4	17.451	2243980	20.0
2,4,2',4'-Tetra...	16.392	4.7	ng/ul	521744	4	17.451	2243980	20.0
9H-Fluorene, 2-...	16.751	11.5	ng/ul	1287350	4	17.451	2243980	20.0
9H-Fluorene, 1-...	16.798	4.4	ng/ul	489368	4	17.451	2243980	20.0
3'-Methyl-[1,1'...	17.180	7.8	ng/ul	873863	4	17.451	2243980	20.0
Dibenzothiophene	17.268	15.7	ng/ul	1765370	4	17.451	2243980	20.0
5H-Indeno[1,2-b...	17.851	34.3	ng/ul	3842790	4	17.451	2243980	20.0
Naphthalene, 1-...	17.968	4.2	ng/ul	470605	4	17.451	2243980	20.0
Dibenzothiophen...	18.027	3.0	ng/ul	341611	4	17.451	2243980	20.0
Anthracene, 2-m...	18.321	15.0	ng/ul	1680850	4	17.451	2243980	20.0
Phenanthrene, 2...	18.374	19.5	ng/ul	2188610	4	17.451	2243980	20.0
1H-Cyclopropa[l...	18.451	9.3	ng/ul	1038660	4	17.451	2243980	20.0
4H-Cyclopenta[d...	18.521	51.9	ng/ul	5822290	4	17.451	2243980	20.0
Naphthalene, 2-...	18.815	8.3	ng/ul	932041	4	17.451	2243980	20.0
9,10-Anthracene...	18.862	5.4	ng/ul	609246	4	17.451	2243980	20.0
Phenanthrene, 2...	19.233	7.9	ng/ul	884056	4	17.451	2243980	20.0
1,2,4,8-Tetrame...	19.298	5.3	ng/ul	592091	4	17.451	2243980	20.0
11H-Benzo[b]flu...	20.350	8.9	ng/ul	3678630	5	21.621	8269880	20.0
11H-Benzo[a]flu...	20.450	6.2	ng/ul	2575390	5	21.621	8269880	20.0
Benzo[e]pyrene	23.533	3.9	ng/ul	408628	6	24.103	2124260	20.0
Benzo[j]fluoran...	23.886	14.9	ng/ul	1586760	6	24.103	2124260	20.0