LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

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-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM047824.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.669	113	116	131	rBV	220608	359874	1.57%	0.199%
2	6.969	670	677	686	rBV	615538	999355	4.37%	0.552%
3	7.134	699	705	714	rBV	496712	805331	3.52%	0.445%
4	7.334	731	739	751	rVB	620704	991519	4.33%	0.548%
5	7.804	812	819	826	rBV	1017987	1644959	7.19%	0.909%
6	8.504	931	938	952	rBV	787384	1261853	5.52%	0.697%
7	8.951	1008	1014	1026	rVB	581793	989485	4.33%	0.547%
8	9.675	1128	1137	1146	rBV	486554	814552	3.56%	0.450%
9	10.216	1222	1229	1241	rBV	791519	1317168	5.76%	0.728%
10	10.592	1286	1293	1297	rBV	1362736	2331057	10.19%	1.288%
11	10.645	1297	1302	1309	rVB	3261246	5279242	23.08%	2.917%
12	10.727	1309	1316	1321	rBV	680848	1274168	5.57%	0.704%
13	12.257	1568	1576	1583	rBV	1566760	2479498	10.84%	1.370%
14	12.380	1590	1597	1603	rBV2	110877	207663	0.91%	0.115%
15	12.474	1603	1613	1622	rVB	834546	1377094	6.02%	0.761%
16	13.269	1742	1748	1757	rVB	581637	849013	3.71%	0.469%
17	13.468	1776	1782	1795	rVB	231247	441889	1.93%	0.244%
18	13.604	1795	1805	1814	rBV2	285658	780717	3.41%	0.431%
19	13.757	1824	1831	1836	rBV	436407	774196	3.38%	0.428%
20	13.810	1836	1840	1842	rVV	277535	411148	1.80%	0.227%
21	13.845	1842	1846	1852	rVB	1397143	1944159	8.50%	1.074%
22	13.992	1864	1871	1875	rBV	189681	306528	1.34%	0.169%
23	14.127	1888	1894	1905	rVB	1671787	2661572	11.63%	1.470%
24	14.439	1935	1947	1952	rBV2	2026606	3366810	14.72%	1.860%
25	14.498	1952	1957	1965	rVV	5124596	7650323	33.44%	4.227%
26	14.627	1973	1979	1991	rBV2	538201	958047	4.19%	0.529%
27	14.745	1992	1999	2004	rVV	199535	336633	1.47%	0.186%
28	14.833	2008	2014	2022	rVV	3322992	4668248	20.41%	2.579%
29	14.910	2022	2027	2036	rVV	120149	175626	0.77%	0.097%
30	15.051	2043	2051	2056	rBV2	87906	169523	0.74%	0.094%
31	15.104	2056	2060	2065	rVV	103237	151285	0.66%	0.084%
32	15.227	2073	2081	2083	rBV2	78831	153246	0.67%	0.085%
33	15.427	2107	2115	2119	rVV	2166079	3137000	13.71%	1.733%
34	15.486	2119	2125	2130	rVV	4663121	6983572	30.53%	3.858%
35	15.539	2130	2134	2138	rVV	499742	767308	3.35%	0.424%
36	15.574	2138	2140	2142	rVV	195550	236958	1.04%	0.131%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

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-BM092724.MA.M
Title : SVOA CALIBRATION

37	15.604	2142	2145	2148	rVV	318017	482872	2.11%	0.267%
38	15.645	2148	2152	2157	rVV	592804	883302	3.86%	0.488%
39	15.692	2157	2160	2163	rVV2	130927	200974	0.88%	0.111%
40	15.733	2163	2167	2170	rVV	294670	439310	1.92%	0.243%
41	15.780	2170	2175	2184	rVB2	836406	1517148	6.63%	0.838%
42	15.921	2191	2199	2207	rVV	705893	1434426	6.27%	0.792%
43	15.986	2207	2210	2212	rVV2	92898	135554	0.59%	0.075%
44	16.009	2212	2214	2220	rVB	134574	180466	0.79%	0.100%
45	16.151	2229	2238	2246	rVB6	159257	376627	1.65%	0.208%
46	16.274	2252	2259	2266	rBV2	186883	328716	1.44%	0.182%
47	16.439	2283	2287	2288	rBV2	132062	152470	0.67%	0.084%
48	16.480	2288	2294	2299	rVV2	434204	815315	3.56%	0.450%
49	16.533	2299	2303	2308	rVB2	157045	216968	0.95%	0.120%
50	16.633	2314	2320	2325	rVB2	182160	318940	1.39%	0.176%
51	16.751	2336	2340	2343	rVB2	152977	183074	0.80%	0.101%
52	16.827	2350	2353	2361	rVB4	107444	198447	0.87%	0.110%
53	16.909	2361	2367	2368	rBV	206667	291062	1.27%	0.161%
54	16.992	2376	2381	2391	rVB	1131139	1680392	7.35%	0.928%
55	17.174	2406	2412	2415	rBV	2373281	3525175	15.41%	1.948%
56	17.221	2415	2420	2425	rVV	15467336	22877131	100.00%	12.639%
57	17.274	2425	2429	2432	rVV	2363590	3553205	15.53%	1.963%
58	17.309	2432	2435	2440	rVV	3100534	4029266	17.61%	2.226%
59	17.362	2440	2444	2450	rVB3	132530	223468	0.98%	0.123%
60	17.574	2470	2480	2485	rBV	1056699	1635593	7.15%	0.904%
61	17.692	2494	2500	2505	rBV	251794	365009	1.60%	0.202%
62	17.751	2507	2510	2519	rVB3	99386	180778	0.79%	0.100%
63	17.892	2530	2534	2543	rVB	109259	219857	0.96%	0.121%
64	18.051	2555	2561	2565	rVV	1003362	1871536	8.18%	1.034%
65	18.098	2565	2569	2575	rVV	1354811	2001254	8.75%	1.106%
66	18.174	2576	2582	2587	rVV	406718	641391	2.80%	0.354%
67	18.245	2587	2594	2598	rVV2	2337192	3733977	16.32%	2.063%
68	18.280	2598	2600	2606	rVB	486982	536961	2.35%	0.297%
69	18.545	2640	2645	2650	rBV	795885	1122239	4.91%	0.620%
70	18.586	2650	2652	2657	rVB3	131230	148589	0.65%	0.082%
71	18.792	2680	2687	2692	rBV	197795	292859	1.28%	0.162%
72	18.845	2692	2696	2699	rBV	110473	134676	0.59%	0.074%
73	18.962	2712	2716	2720	rBV	205928	287460	1.26%	0.159%
74	19.027	2720	2727	2730	rBV4	152122	285467	1.25%	0.158%
75	19.233	2755	2762	2767	rVV	11771693	16346222	71.45%	9.031%
76	19.286	2767	2771	2775	rVV2	1156783	1420662	6.21%	0.785%

LSC Area Percent Report

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Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

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-BM092724.MA.M
Title : SVOA CALIBRATION

77	19.327	2775	2778	2783	rVB2	90846	138345	0.60%	0.076%
78	19.468	2798	2802	2812	rVV	362011	615810	2.69%	0.340%
79	19.562	2812	2818	2820	rVV3	4636041	7172094	31.35%	3.962%
80	19.592	2820	2823	2831	rVV	7995902	10599160	46.33%	5.856%
81	19.656	2831	2834	2842	rVB	313036	459296	2.01%	0.254%
82	19.768	2848	2853	2860	rBV	439171	613781	2.68%	0.339%
83	19.909	2871	2877	2884	rBV3	325944	827636	3.62%	0.457%
84	20.045	2896	2900	2901	rBV2	174962	208956	0.91%	0.115%
85	20.080	2902	2906	2912	rVB2	1186092	1585727	6.93%	0.876%
86	20.180	2918	2923	2927	rBV	1356692	1683264	7.36%	0.930%
87	20.239	2927	2933	2937	rVV2	411671	736605	3.22%	0.407%
88	20.274	2937	2939	2943	rVV2	204598	239855	1.05%	0.133%
89	20.321	2944	2947	2952	rVB2	113138	151748	0.66%	0.084%
90	20.380	2953	2957	2960	rBV	162709	208498	0.91%	0.115%
91	20.421	2960	2964	2968	rBV2	193674	275211	1.20%	0.152%
92	20.997	3058	3062	3066	rBV	342922	495682	2.17%	0.274%
93	21.039	3066	3069	3072	rVV	348138	479651	2.10%	0.265%
94	21.074	3072	3075	3082	rVB3	507584	908344	3.97%	0.502%
95	21.392	3121	3129	3134	rBV2	3104895	7145062	31.23%	3.947%
96	21.439	3134	3137	3146	rVB	1676628	2464895	10.77%	1.362%
97	21.586	3158	3162	3171	rVB2	342806	557580	2.44%	0.308%
98	23.450	3473	3479	3486	rBV2	447594	1284581	5.62%	0.710%
99	24.191	3597	3605	3612	rBV	1434568	3366752	14.72%	1.860%
100	24.397	3632	3640	3660	rVB	1648083	4460952	19.50%	2.465%

Sum of corrected areas: 181004942

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
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Misc :
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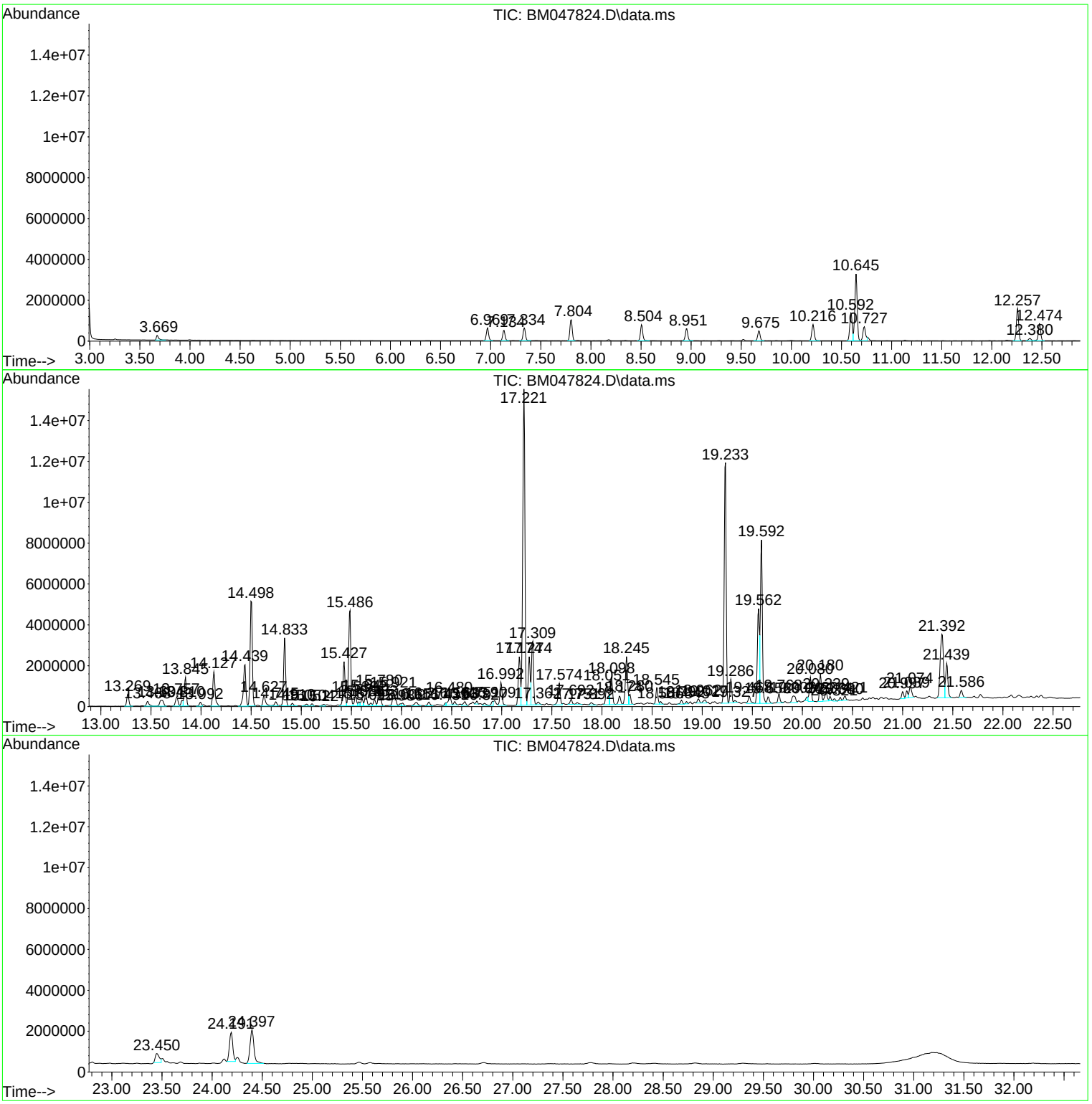
Instrument :
BNA_M
ClientSampleId :
DCYN1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

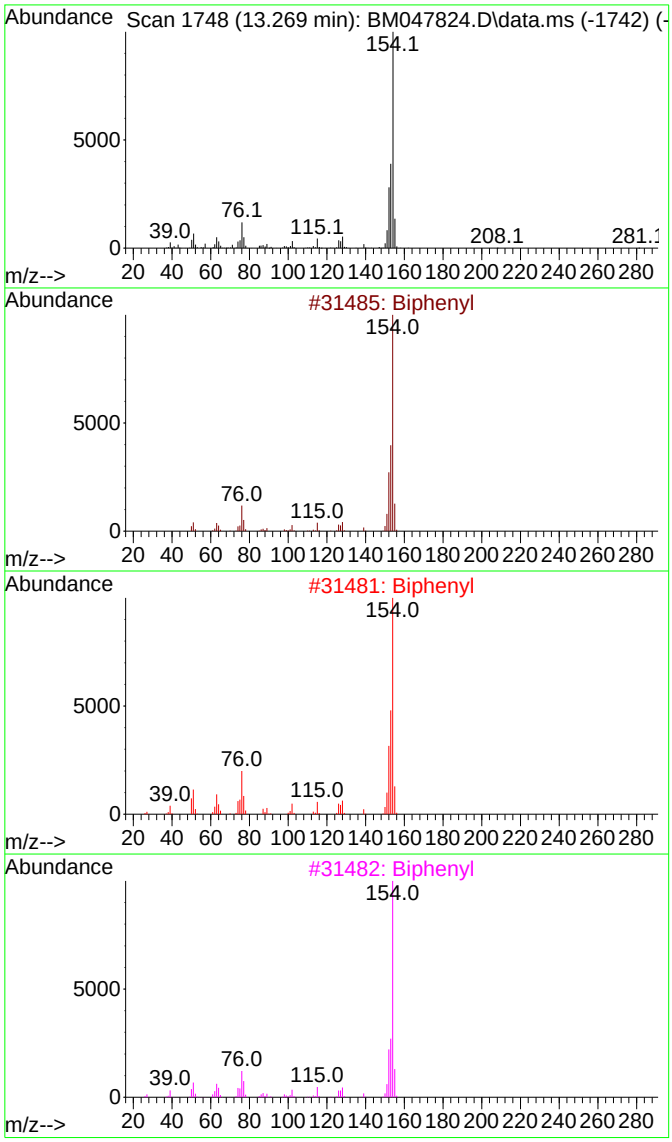
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

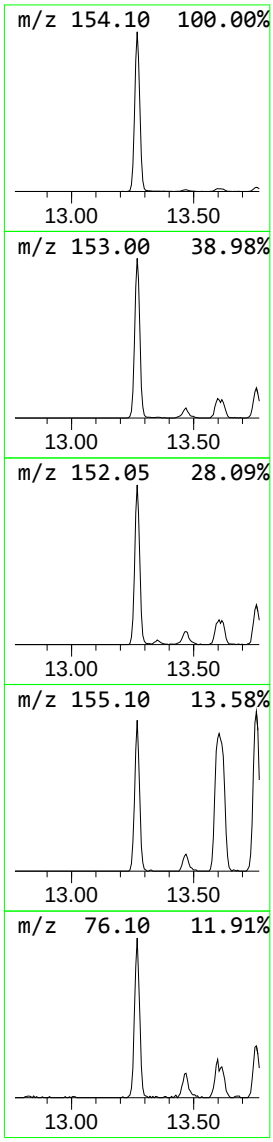
****

Peak Number 1 Biphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	5.04 ng/ul	849013	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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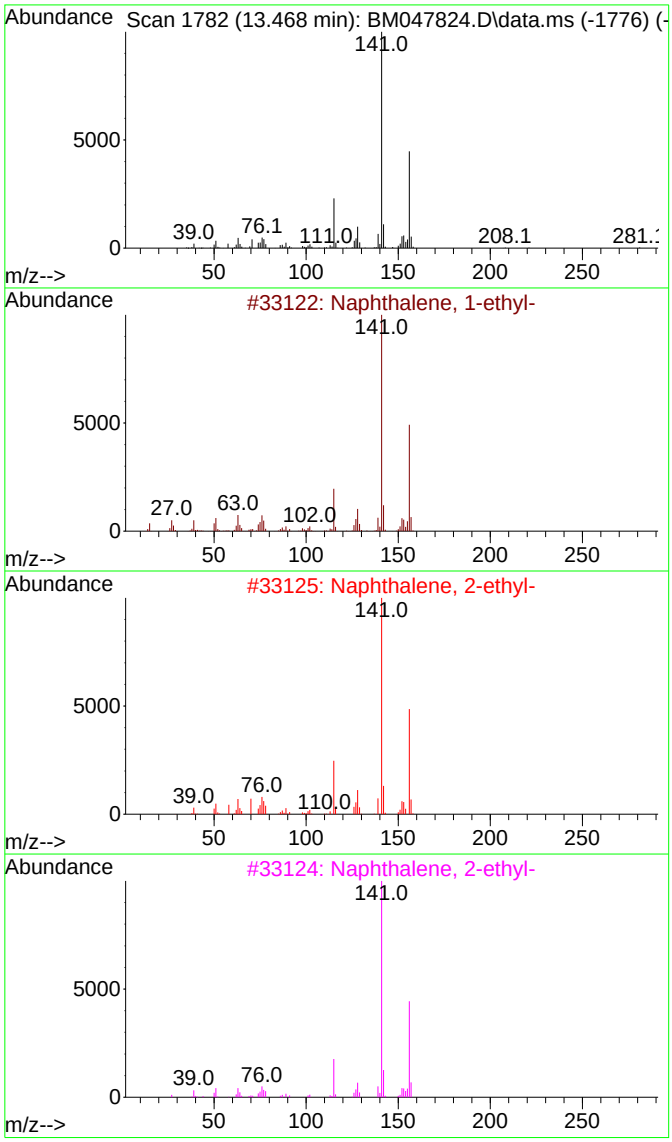
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

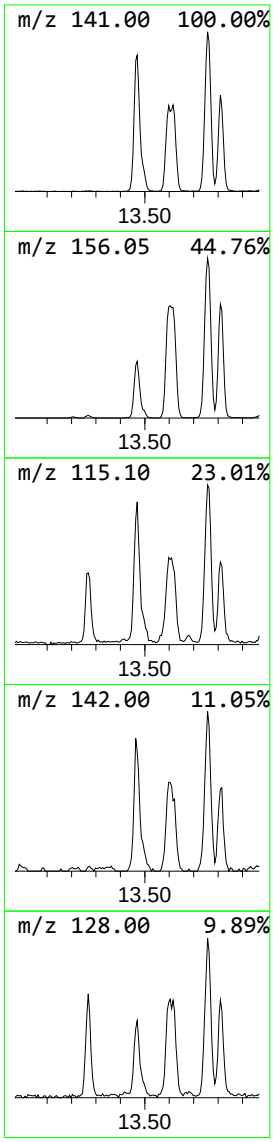
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	2.62 ng/ul	441889	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

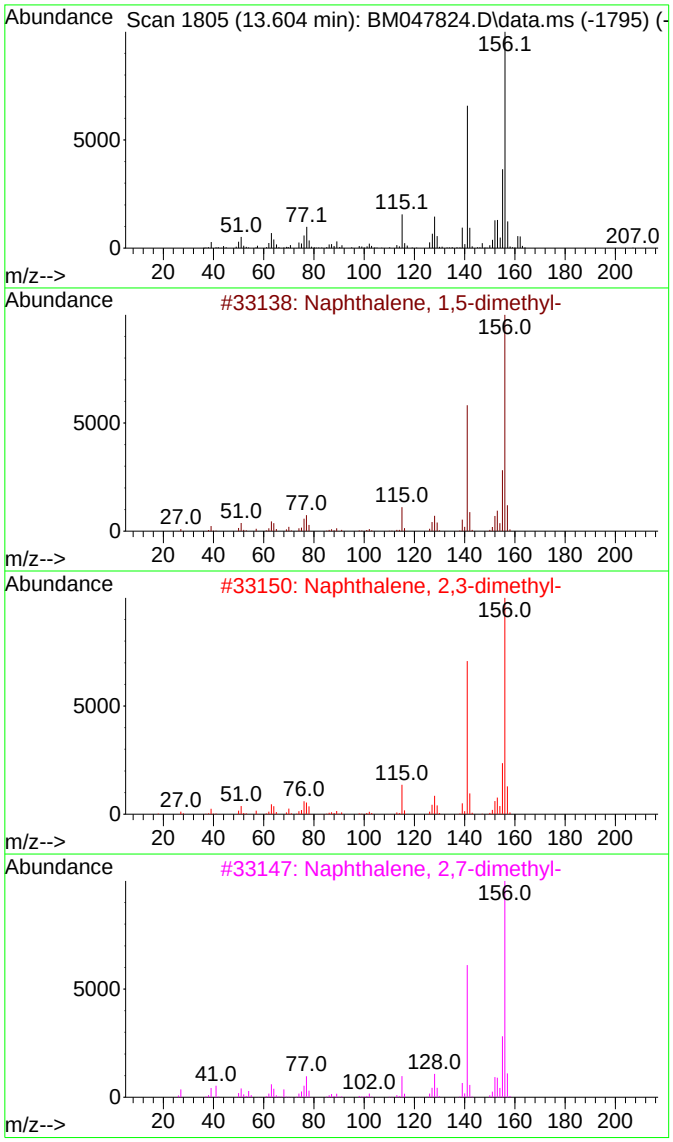
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

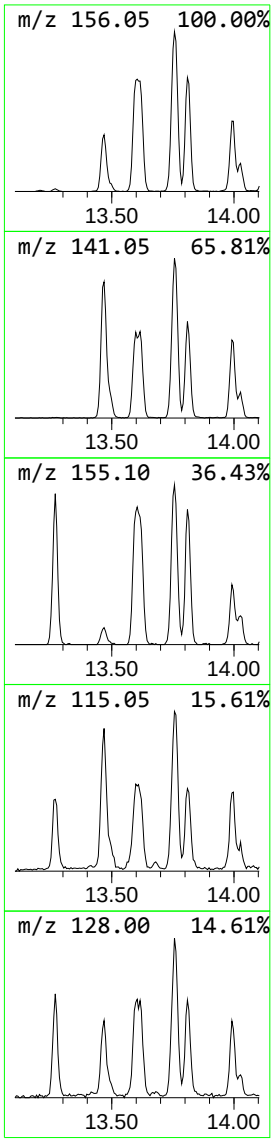
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	4.64 ng/ul	780717	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

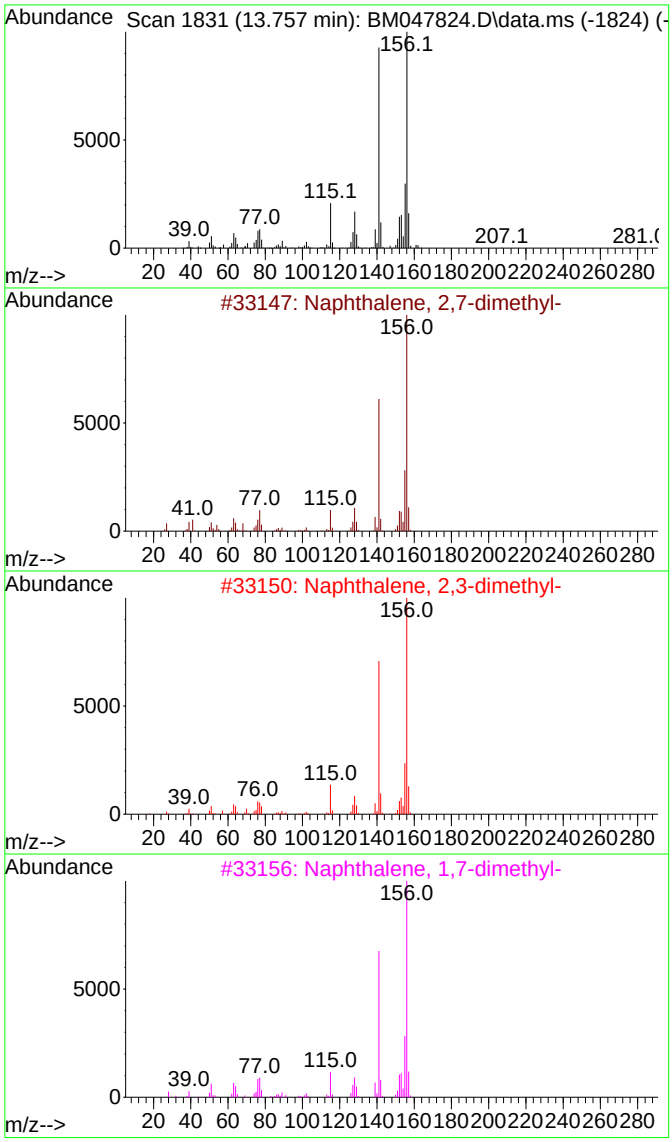
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

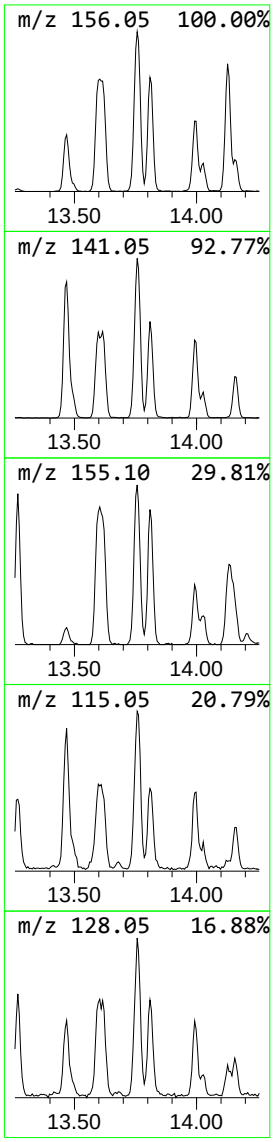
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	4.60 ng/ul	774196	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

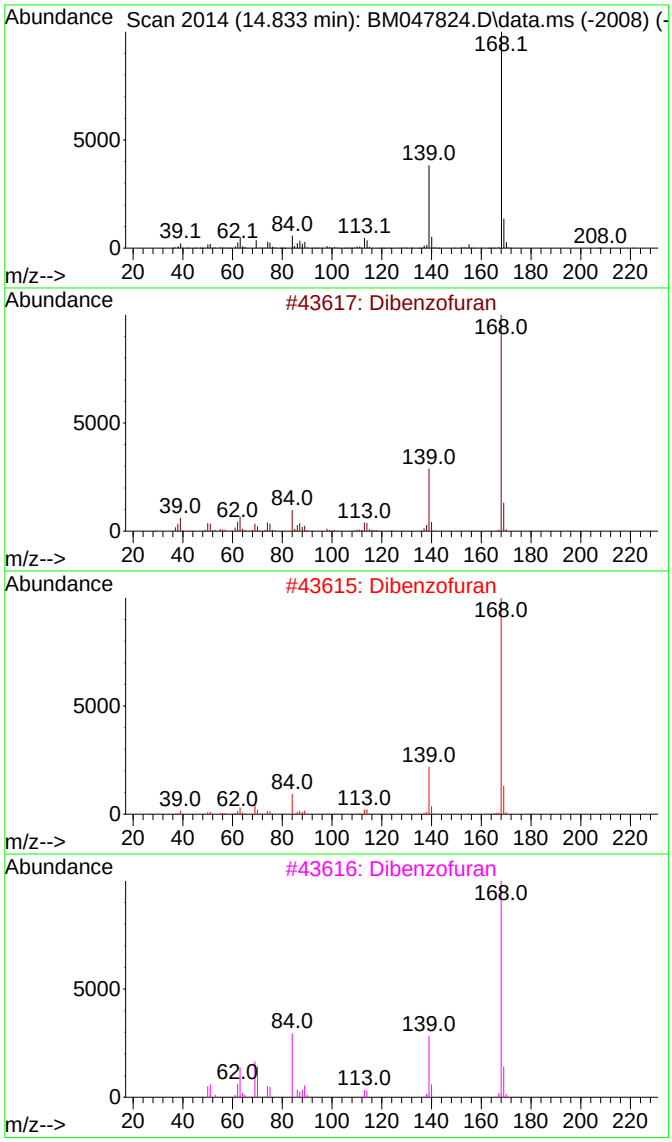
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

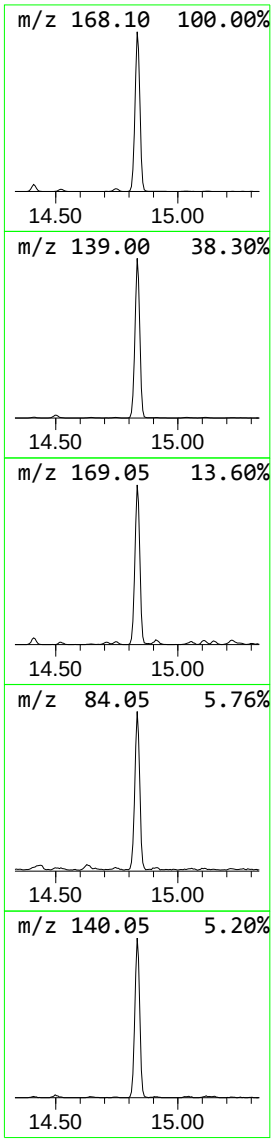
****

Peak Number 5 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	27.73 ng/ul	4668250	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	72
3	Dibenzofuran	168	C12H8O	000132-64-9	64
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56





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Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
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Instrument :
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ClientSampleId :
DCYN1

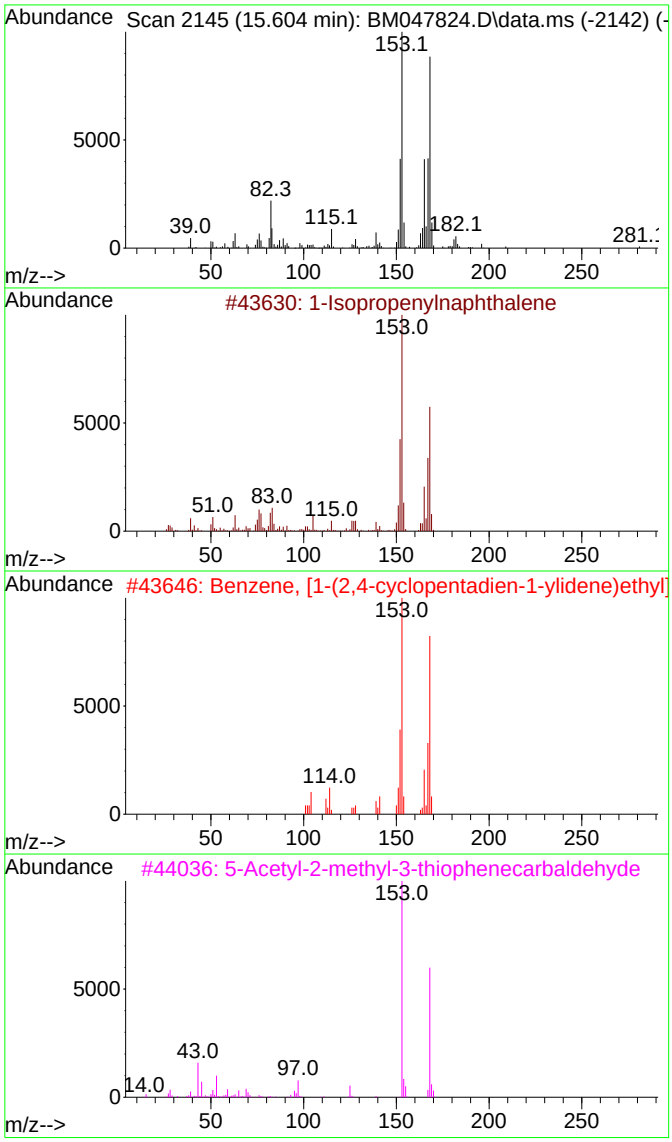
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

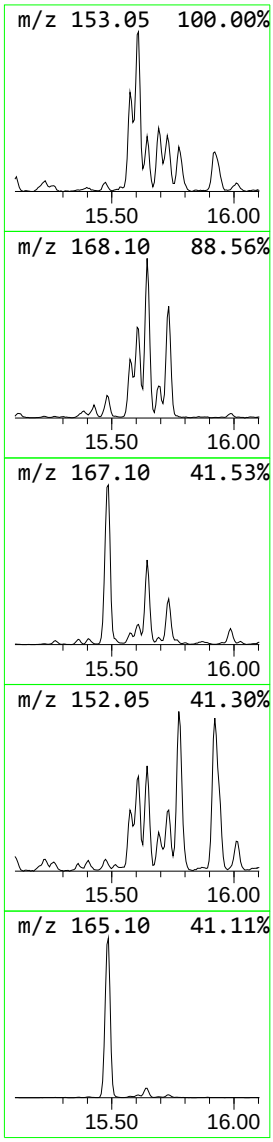
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	2.87 ng/ul	482872	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
3	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	46
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
5	Diphenylmethane	168	C13H12	000101-81-5	43





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

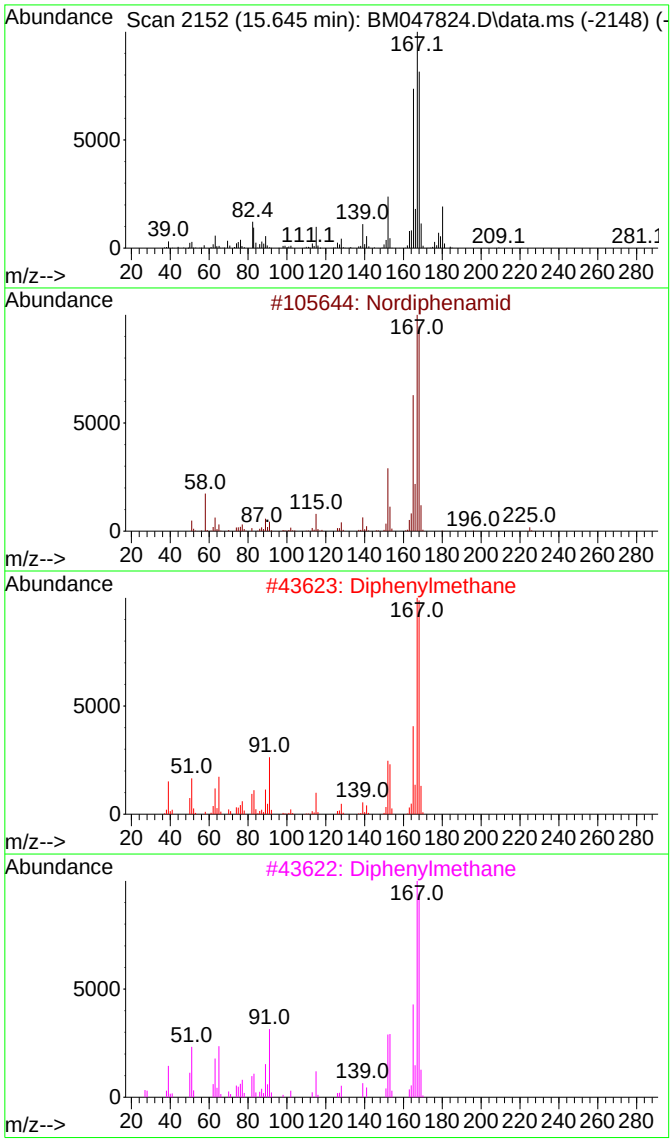
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

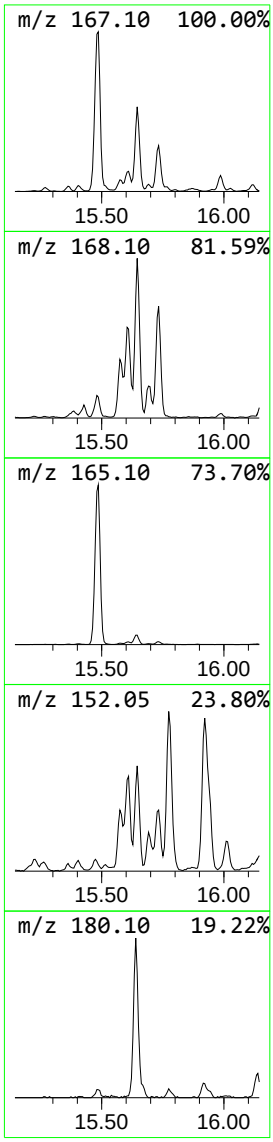
****

Peak Number 7 Nordiphenamid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	5.25 ng/ul	883302	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	Diphenylmethane	168	C13H12	000101-81-5	49
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	49





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ClientSampleId :
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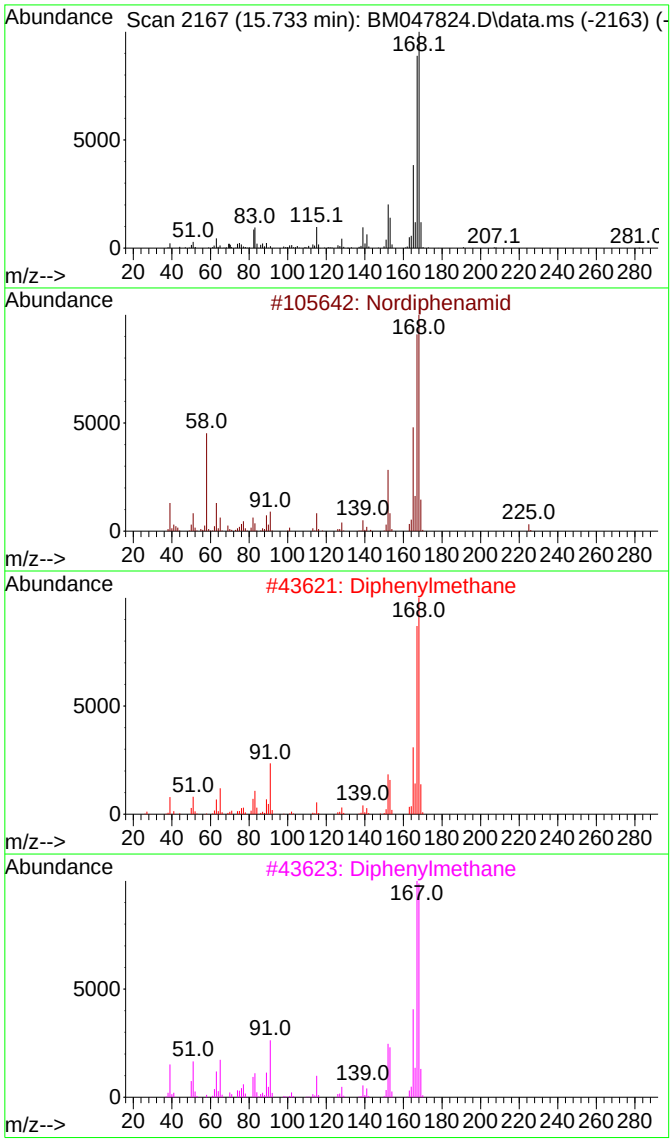
Quant Title : SVOA CALIBRATION

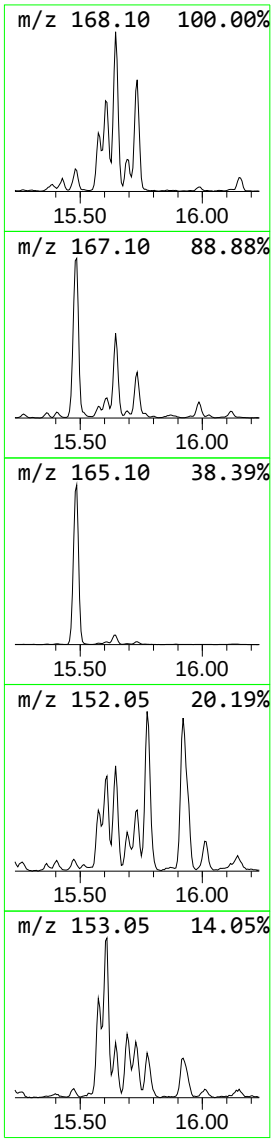
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Diphenylmethane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	2.61 ng/ul	439310	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	Diphenylmethane	168	C13H12	000101-81-5	81
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	Diphenylmethane	168	C13H12	000101-81-5	81
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81





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Instrument :
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ClientSampleId :
DCYN1

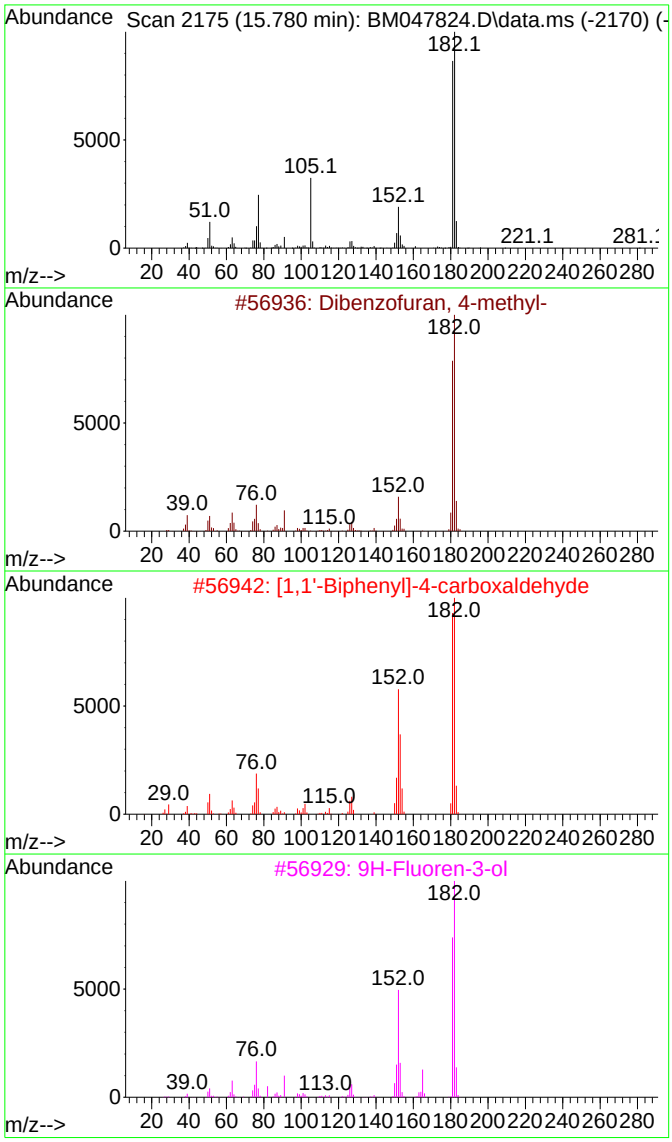
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

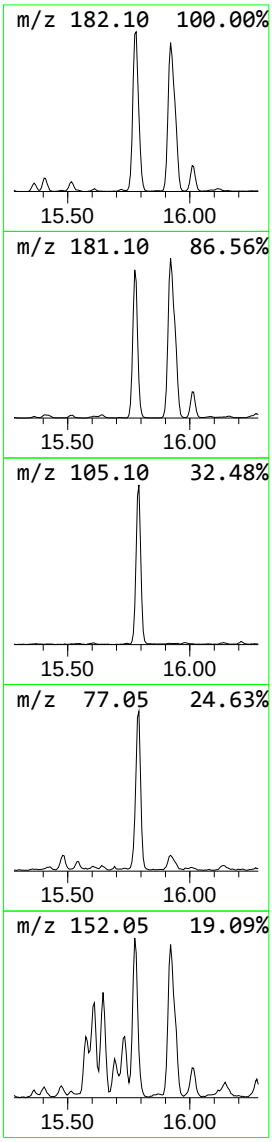
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.780	9.01 ng/ul	1517150	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	53





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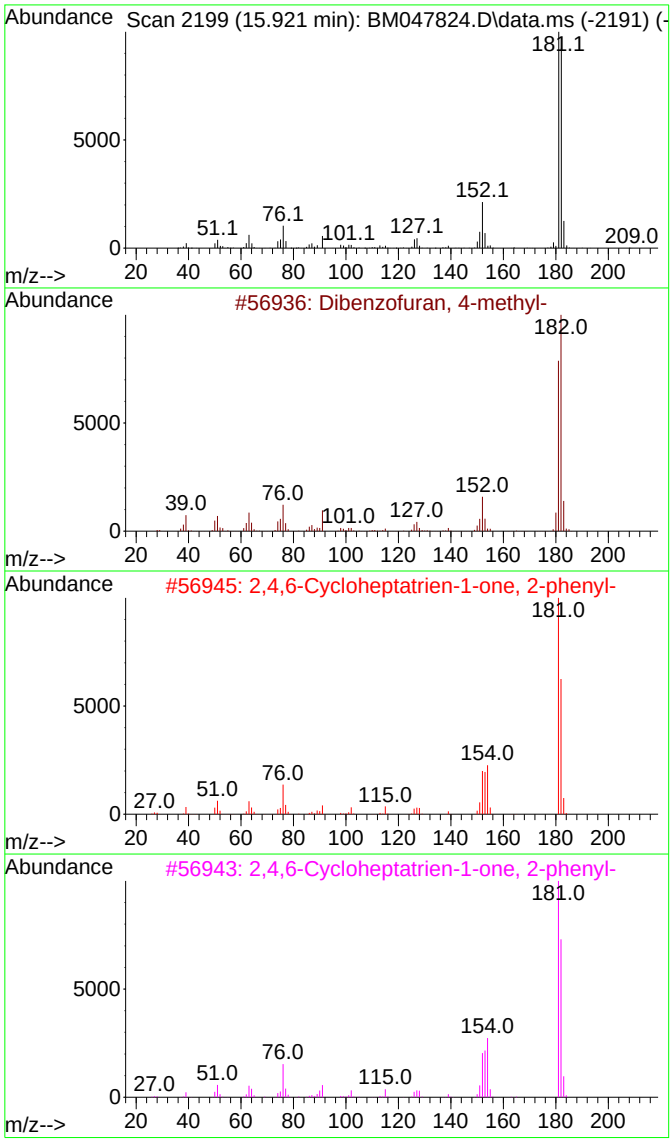
Quant Title : SVOA CALIBRATION

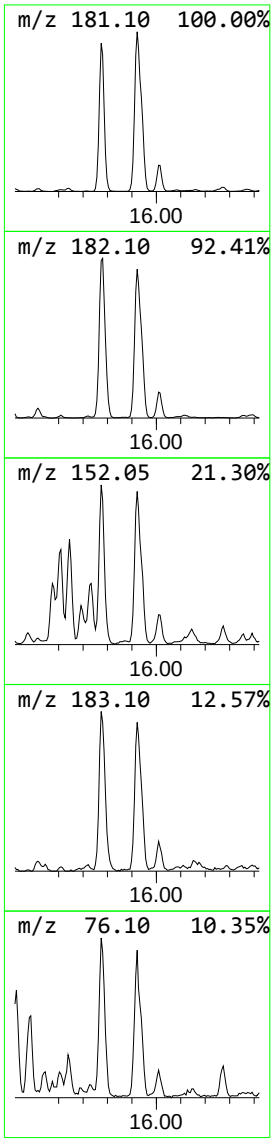
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	8.14 ng/ul	1434430	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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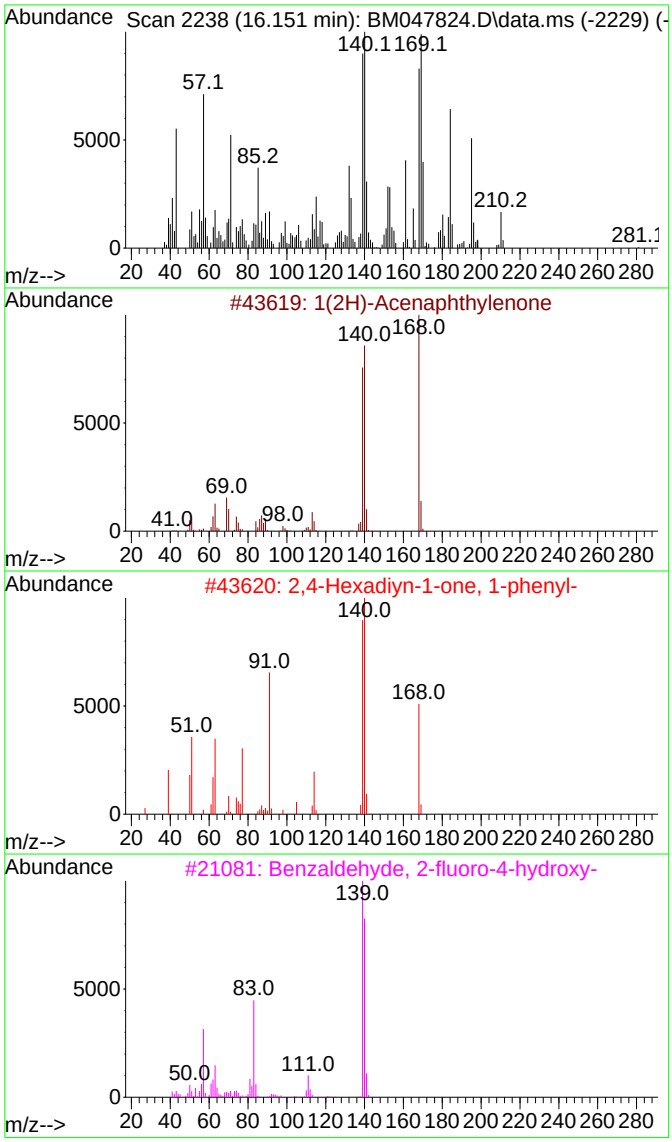
Quant Title : SVOA CALIBRATION

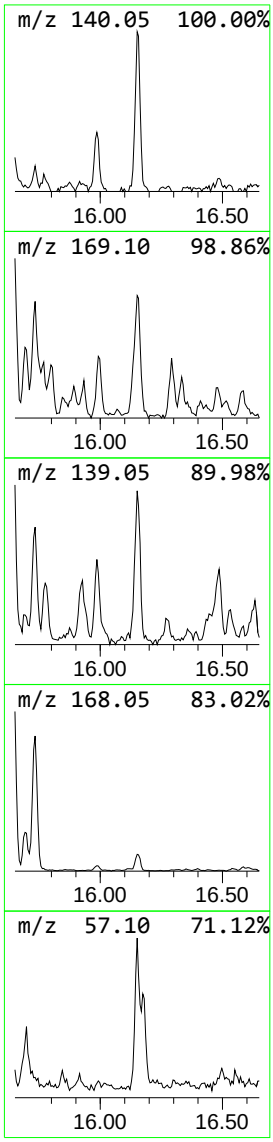
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	2.14 ng/ul	376627	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	45
3	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	25
4	Pyridine, 4-benzyl-	169	C12H11N	002116-65-6	25
5	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	25





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Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

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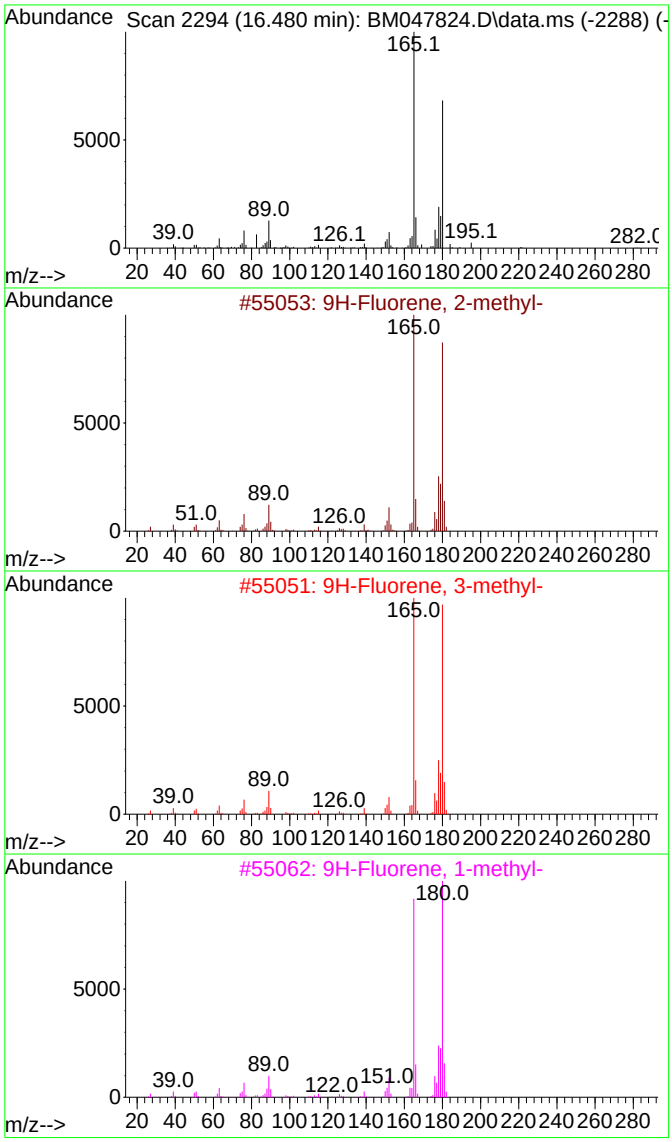
Quant Title : SVOA CALIBRATION

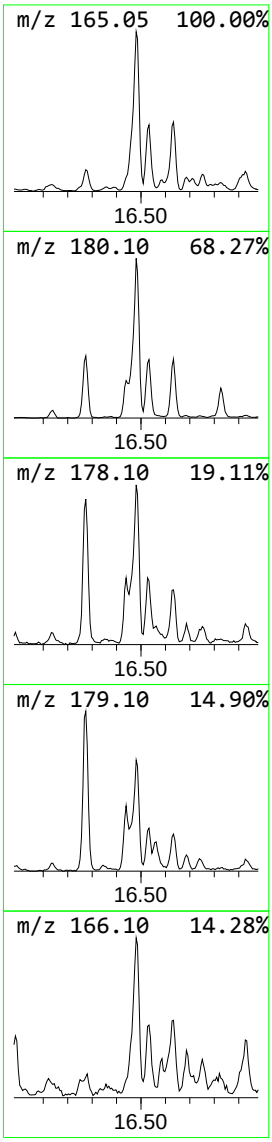
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	4.63 ng/ul	815315	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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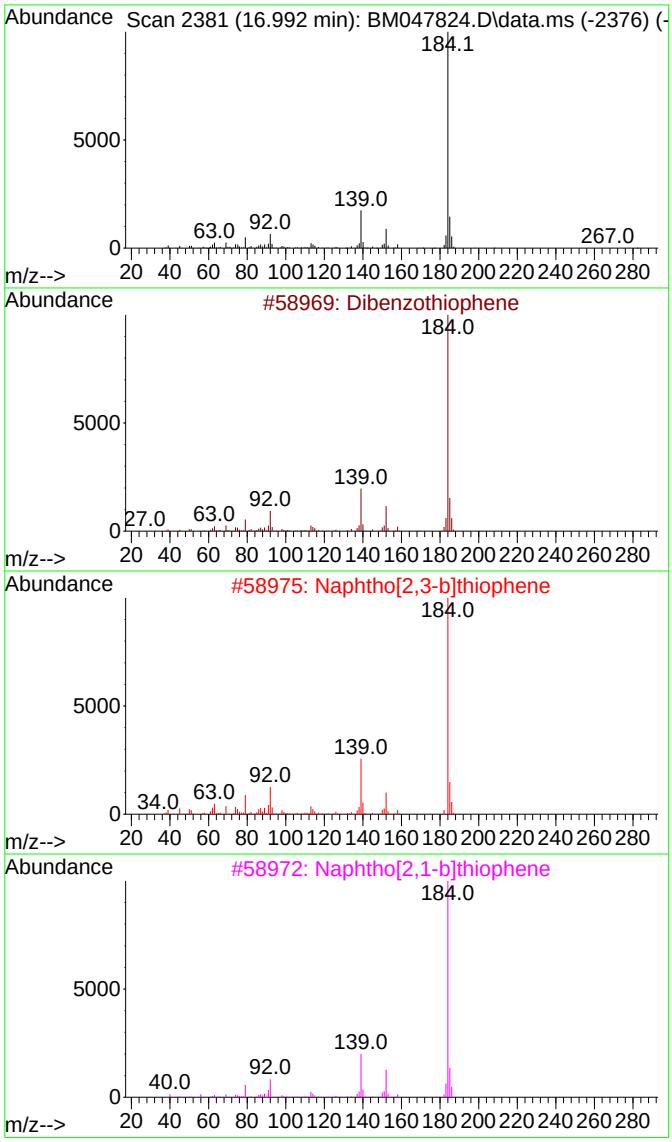
Quant Title : SVOA CALIBRATION

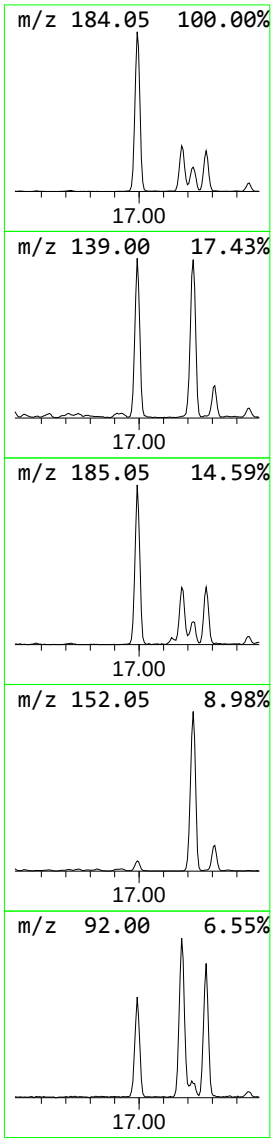
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	9.53 ng/ul	1680390	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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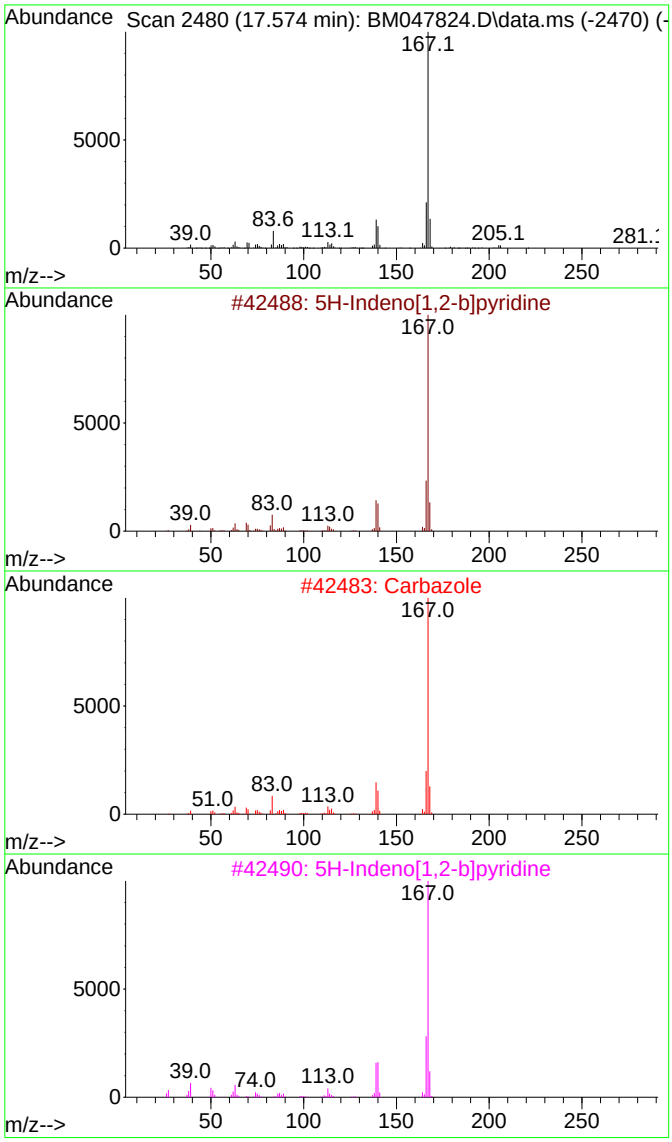
Quant Title : SVOA CALIBRATION

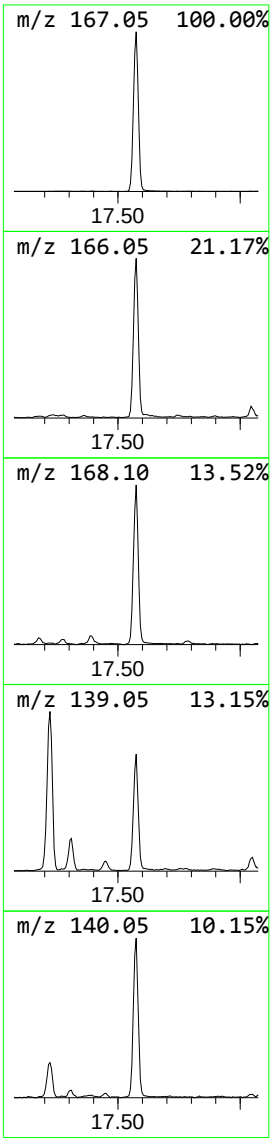
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.574	9.28 ng/ul	1635590	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	90
5	Carbazole	167	C12H9N	000086-74-8	87





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ClientSampleId :
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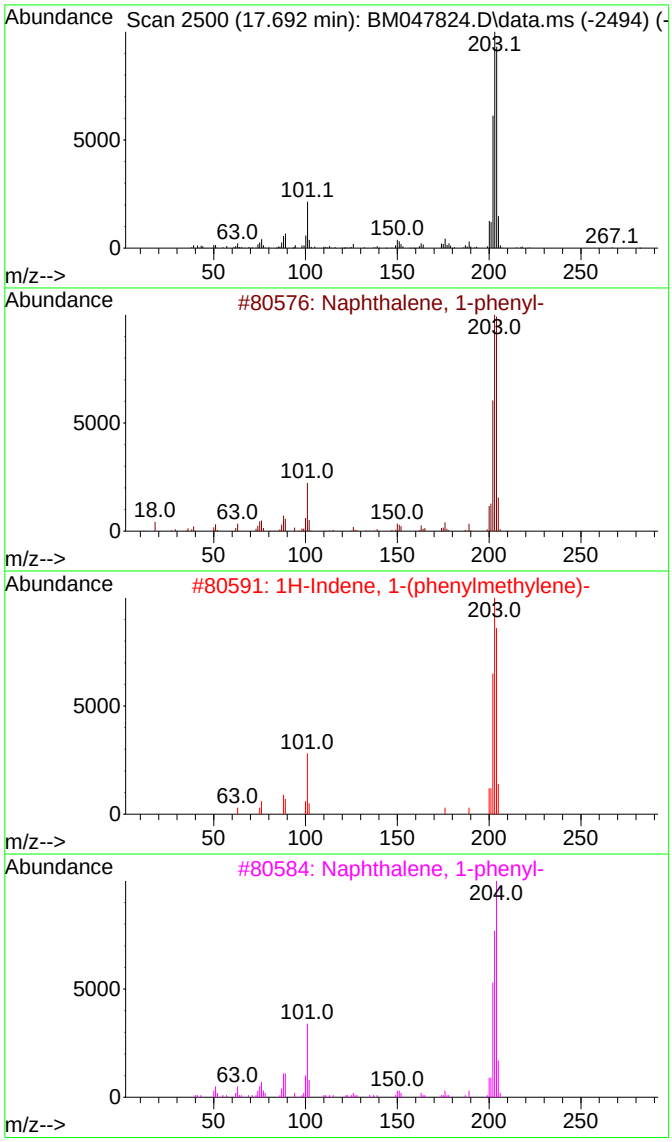
Quant Title : SVOA CALIBRATION

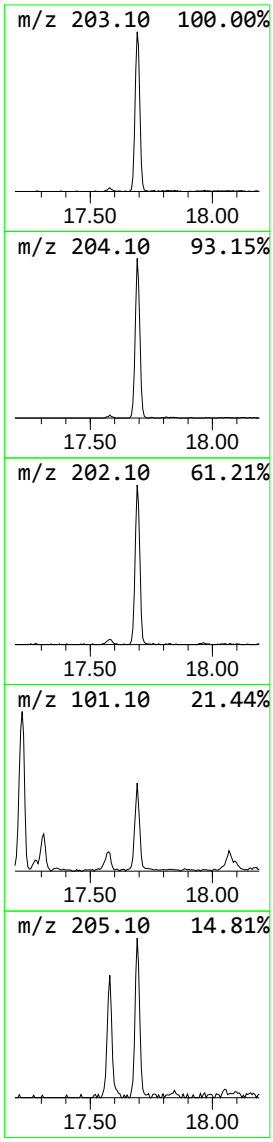
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	2.07 ng/ul	365009	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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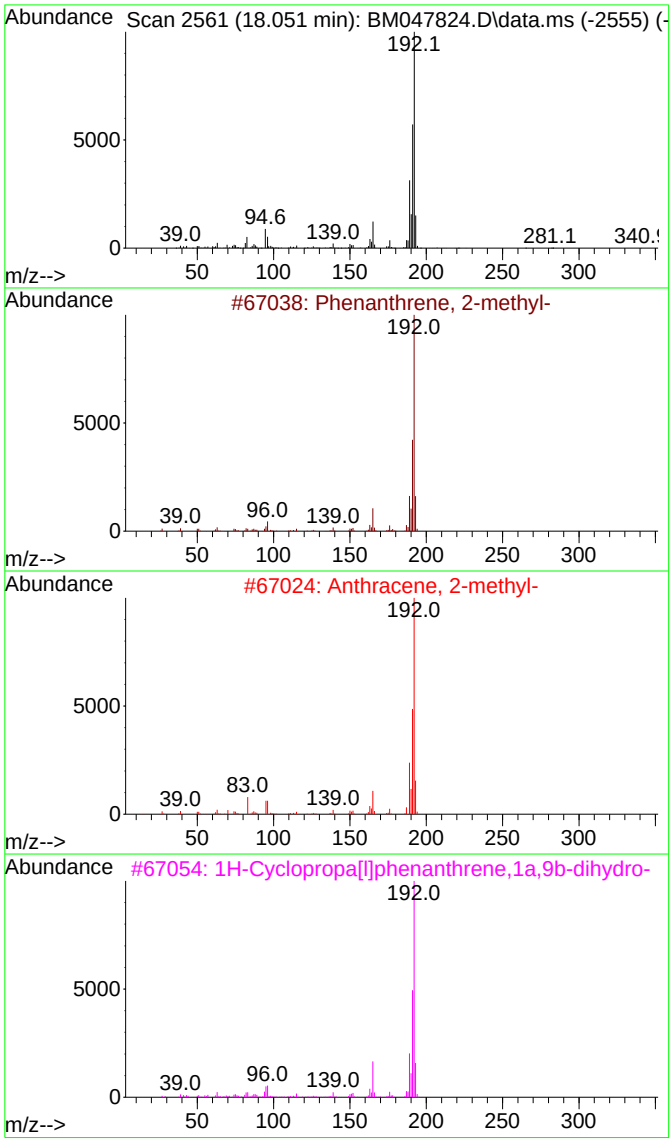
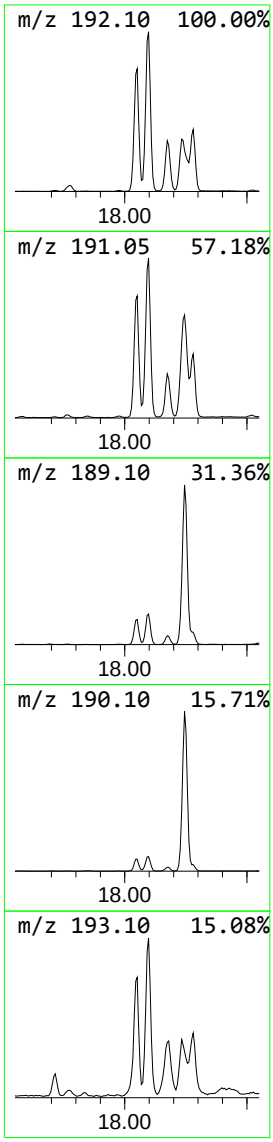
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	10.62 ng/ul	1871540	Phenanthrene-d10	17.174

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





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
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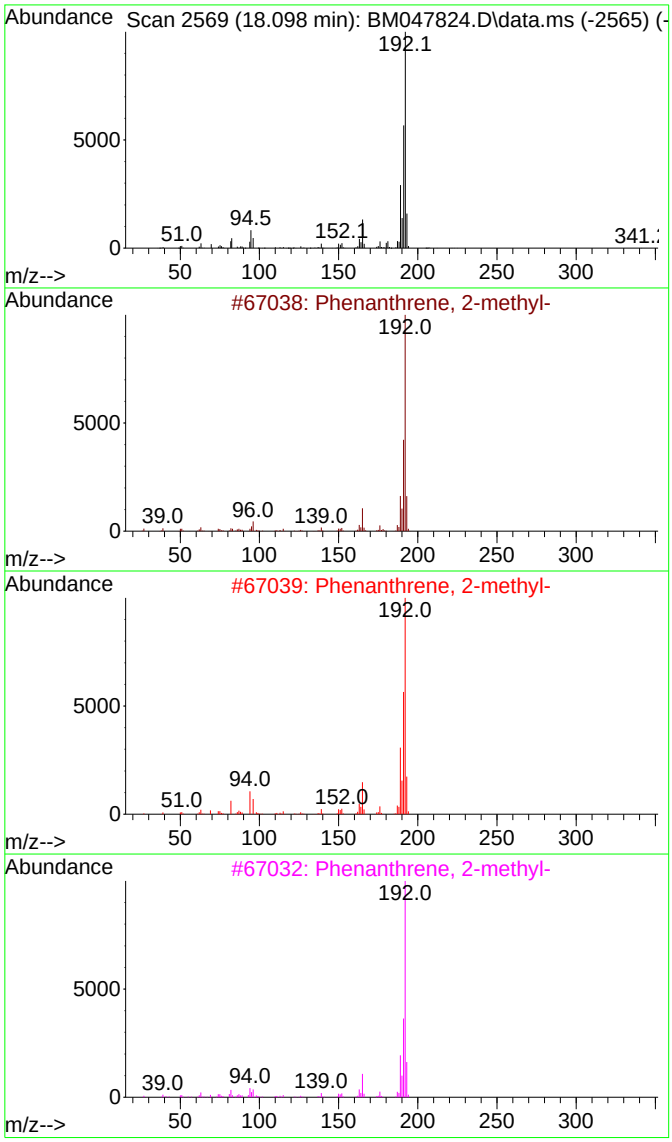
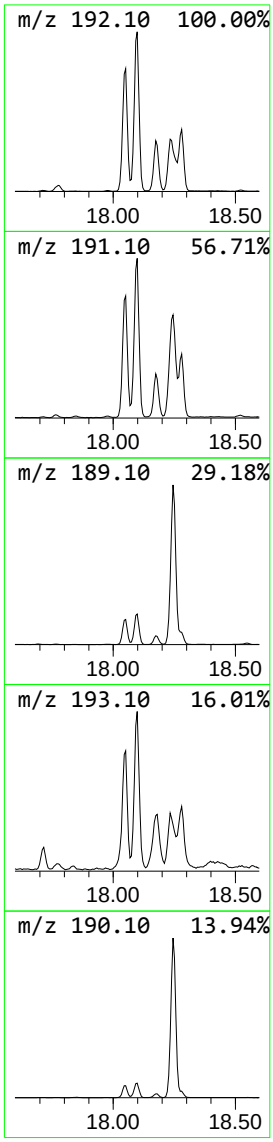
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	11.35 ng/ul	2001250	Phenanthrene-d10	17.174

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

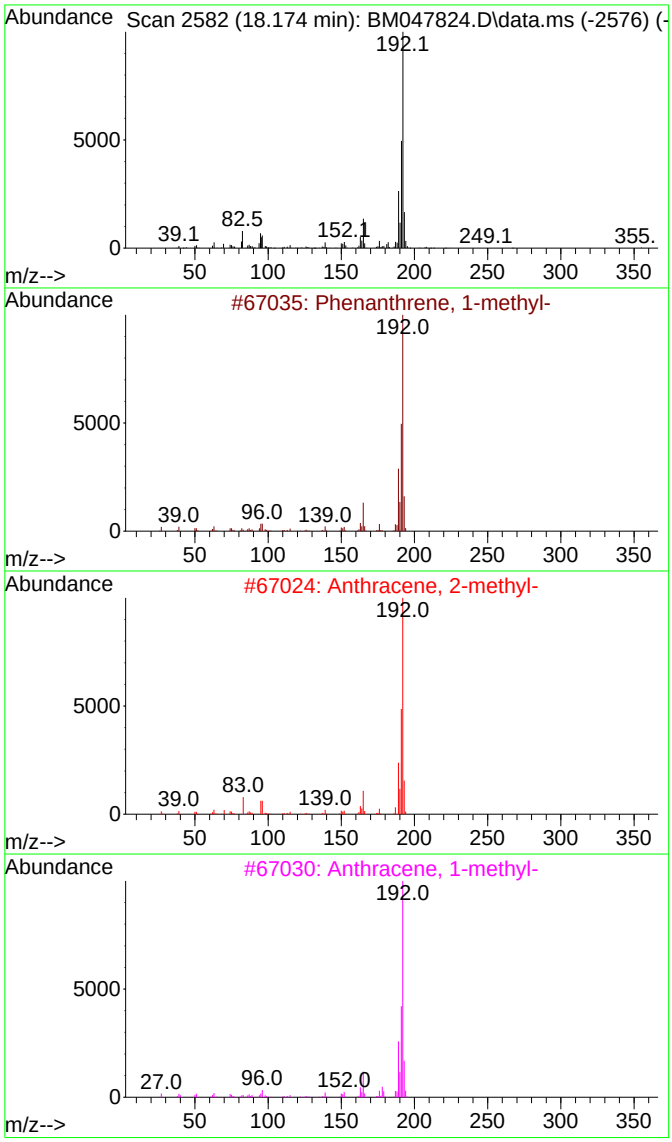
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

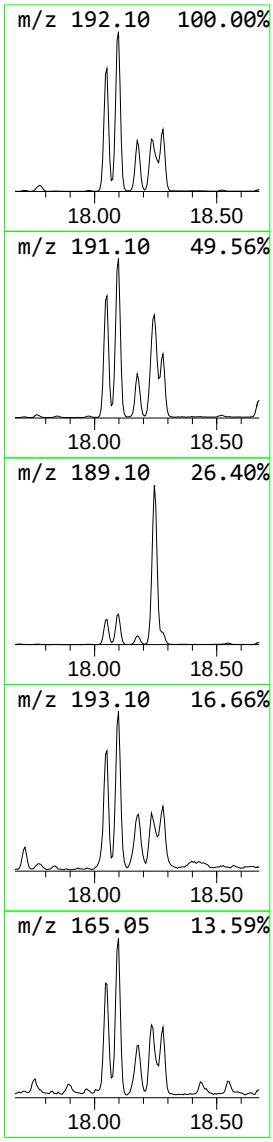
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	3.64 ng/ul	641391	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

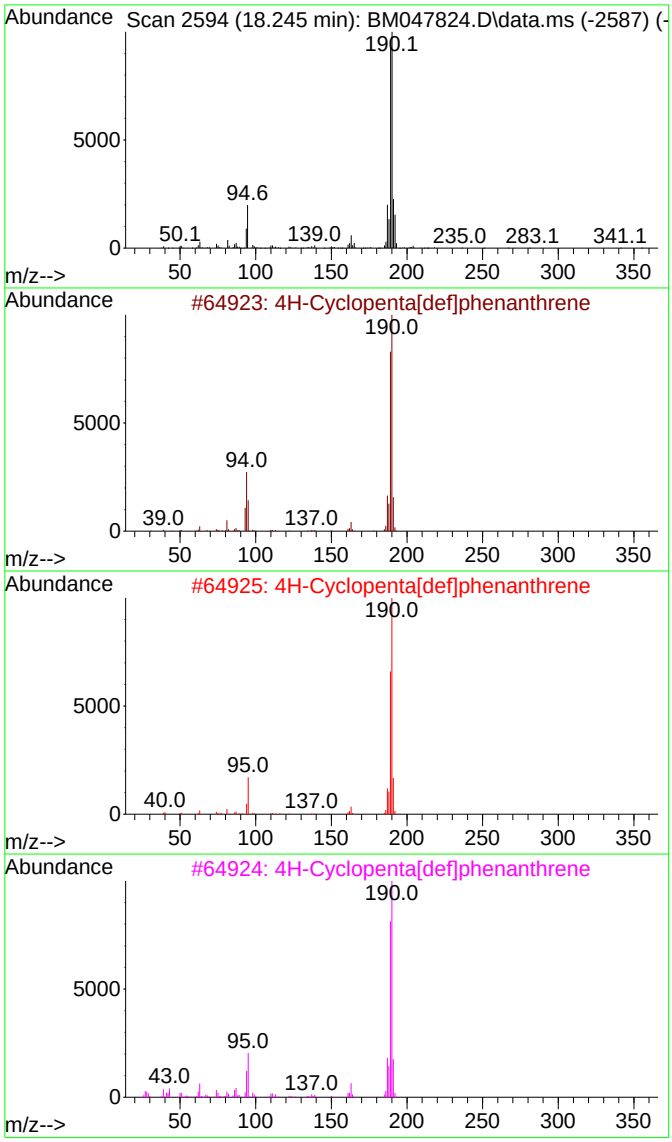
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

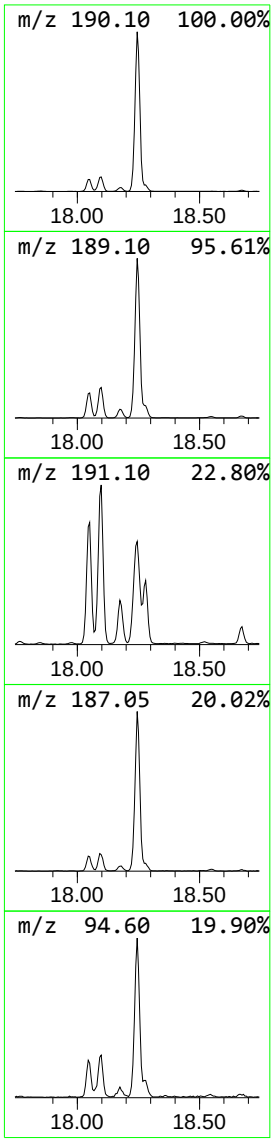
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	21.18 ng/ul	3733980	Phenanthrene-d10	17.174

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	74
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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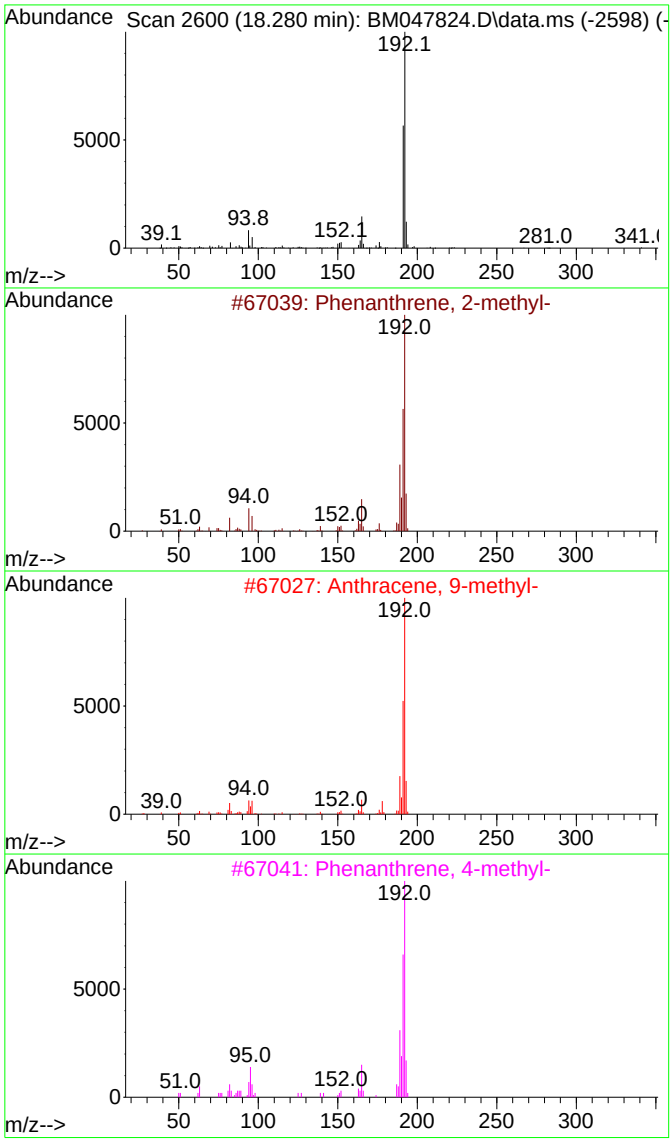
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

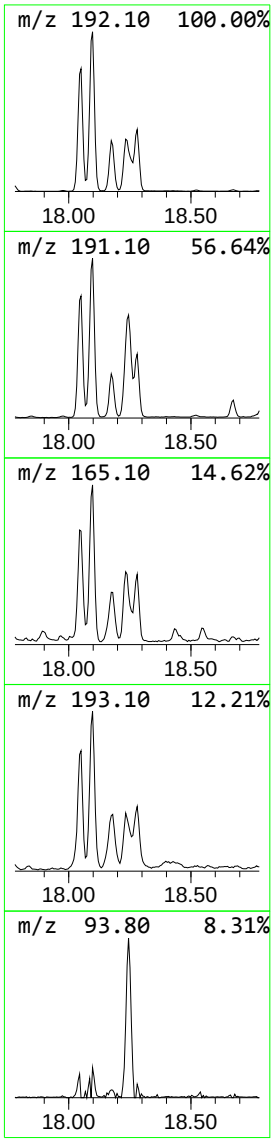
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	3.05 ng/ul	536961	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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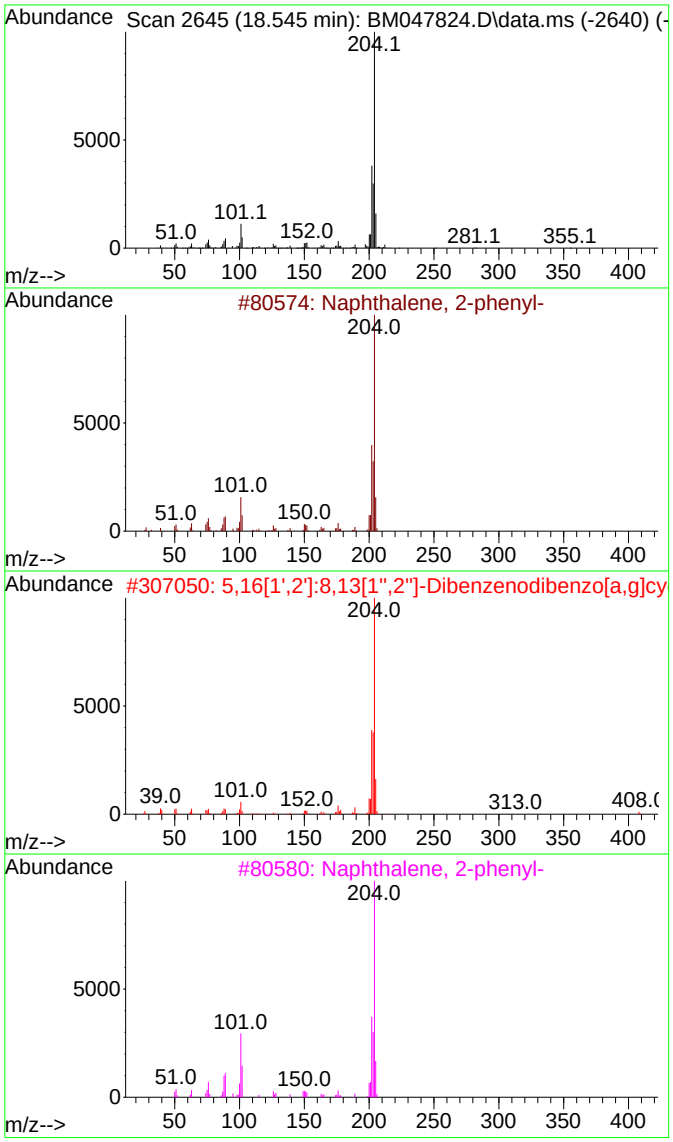
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

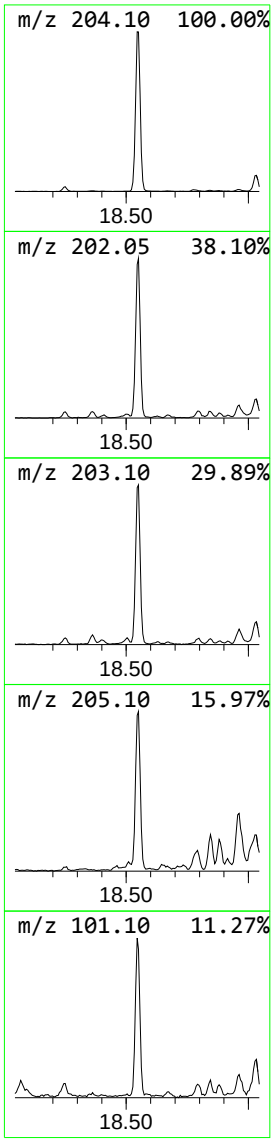
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	6.37 ng/ul	1122240	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
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	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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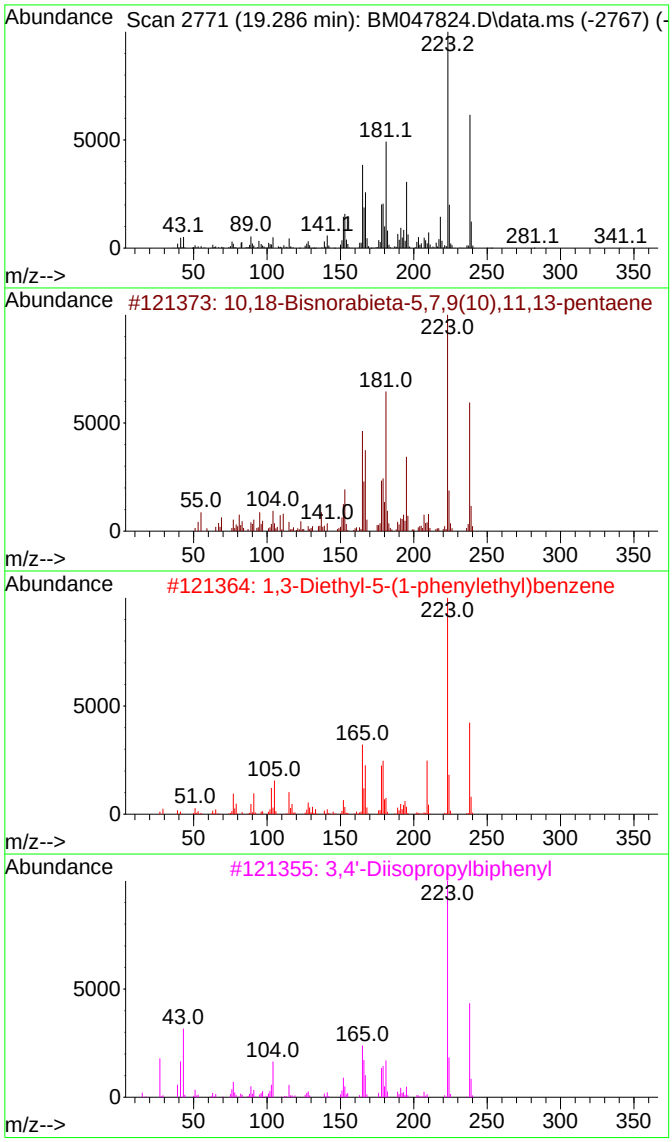
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

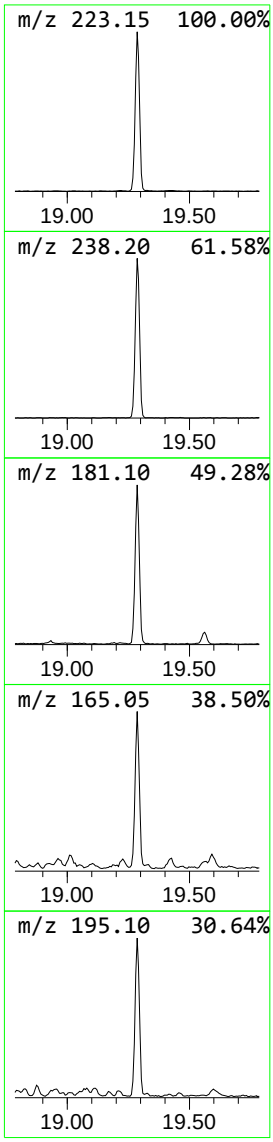
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	8.06 ng/ul	1420660	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	86
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50





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Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCYN1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

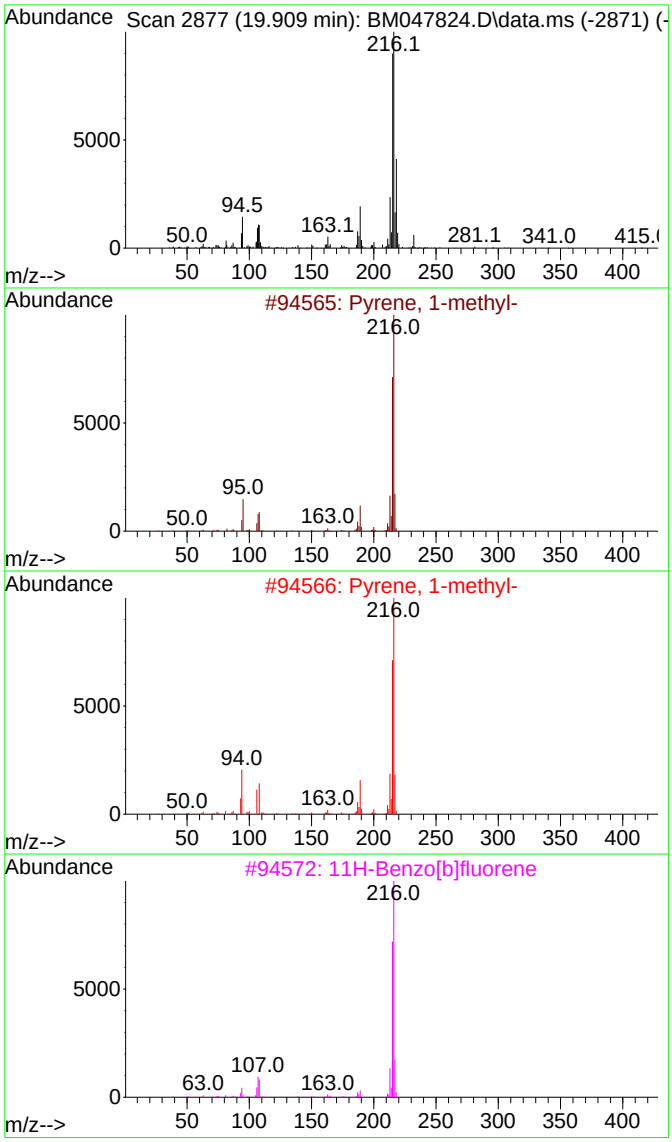
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

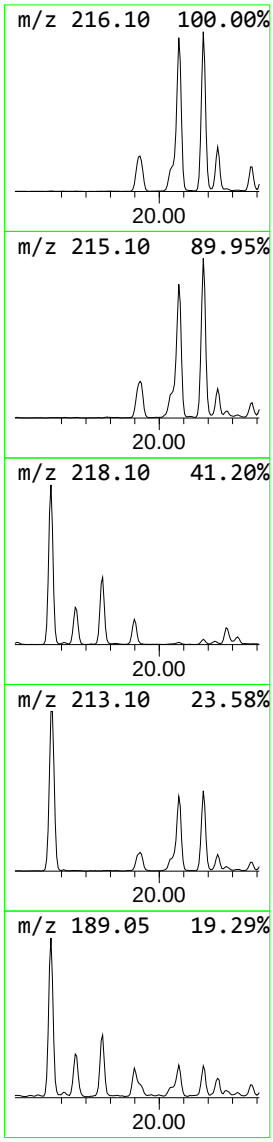
****

Peak Number 23 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.909	2.32 ng/ul	827636	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

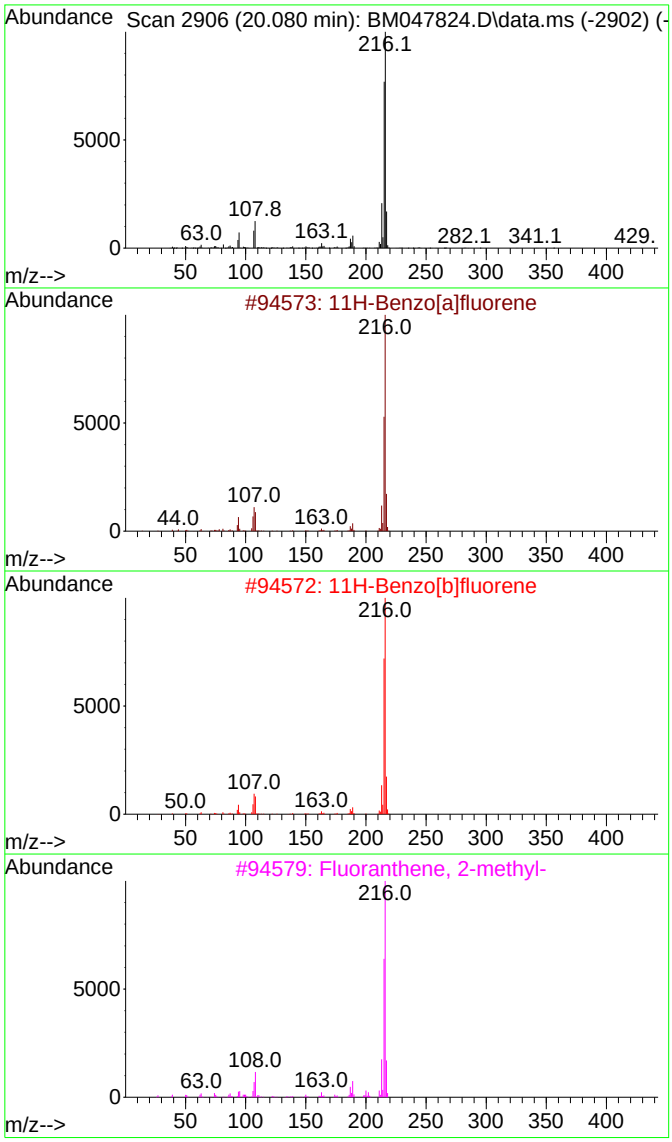
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

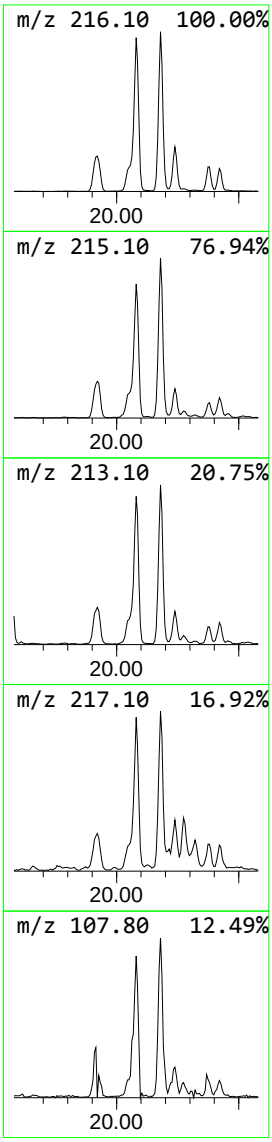
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	4.44 ng/ul	1585730	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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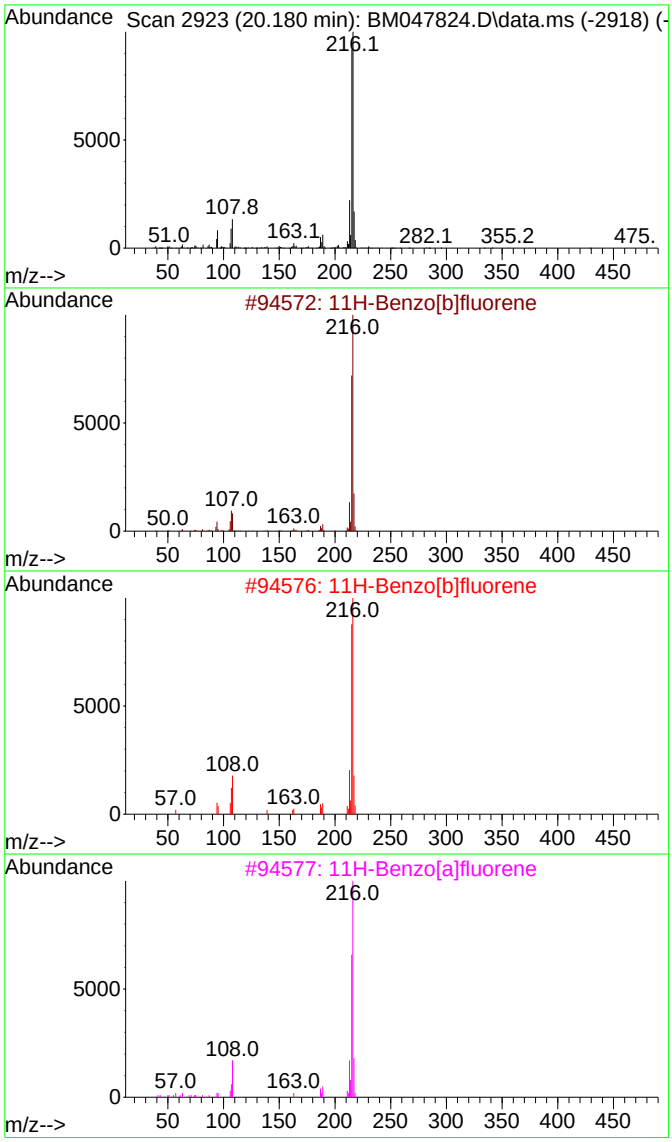
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

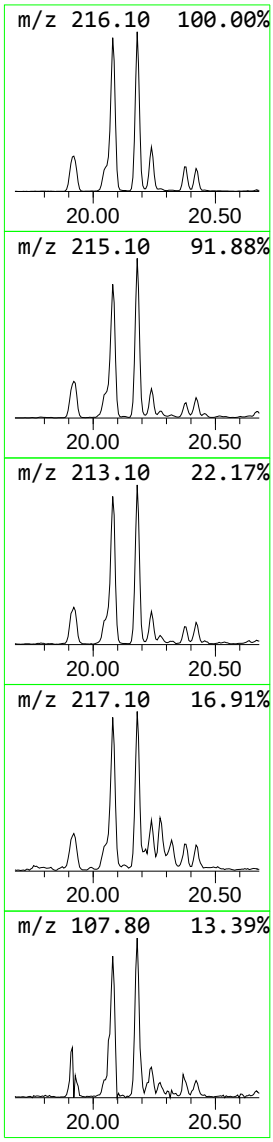
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	4.71 ng/ul	1683260	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCYN1

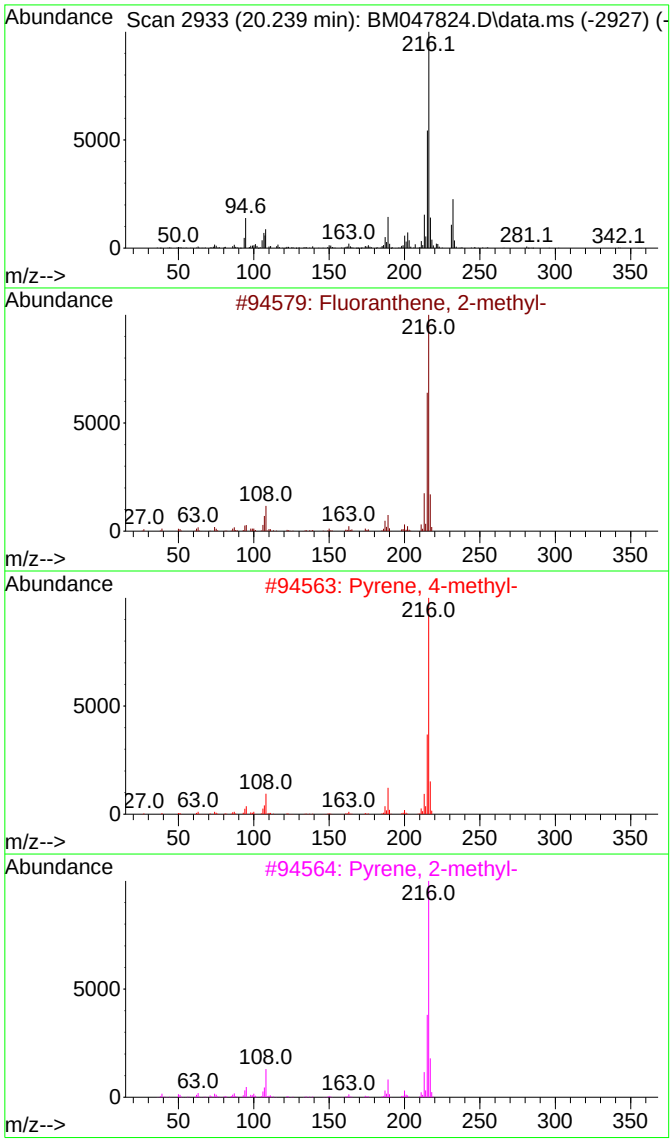
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

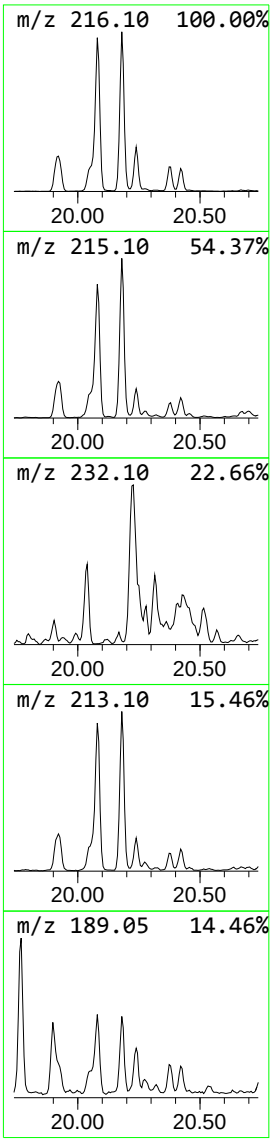
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Fluoranthene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	2.06 ng/ul	736605	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
DCYN1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

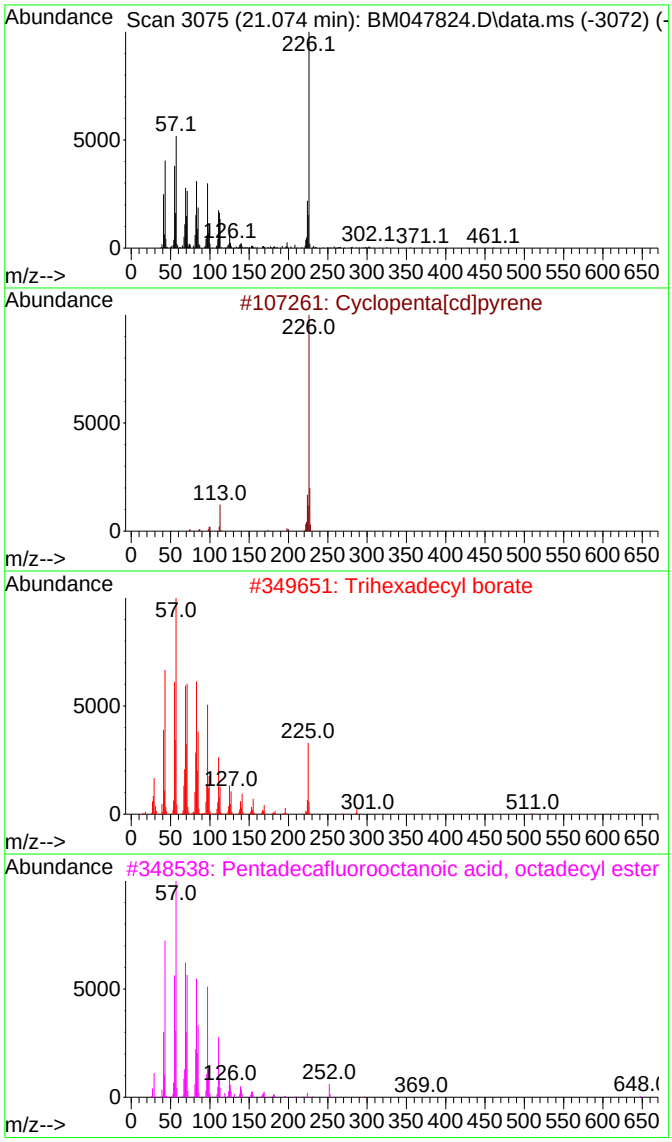
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

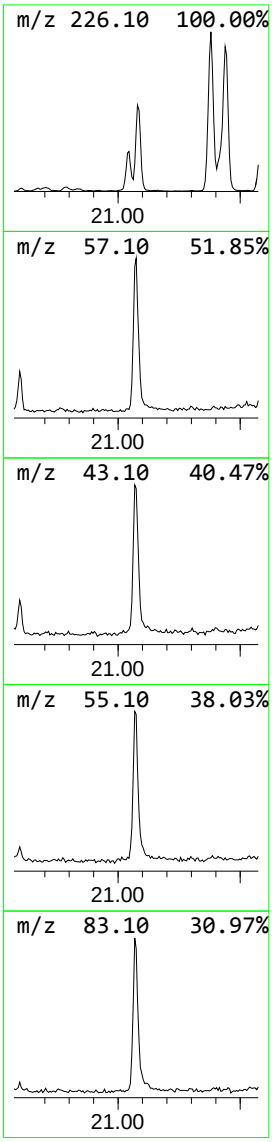
****

Peak Number 27 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.54 ng/ul	908344	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	38
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	38
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	30
5	Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	25





Tentatively Identified Compound (LSC) summary

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Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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	13.269	5.0	ng/ul	849013	3	14.439	3366810	20.0
Naphthalene, 1-...	13.469	2.6	ng/ul	441889	3	14.439	3366810	20.0
Naphthalene, 1,...	13.604	4.6	ng/ul	780717	3	14.439	3366810	20.0
Naphthalene, 2,...	13.757	4.6	ng/ul	774196	3	14.439	3366810	20.0
Dibenzo furan	14.833	27.7	ng/ul	4668250	3	14.439	3366810	20.0
1-Isopropenylna...	15.604	2.9	ng/ul	482872	3	14.439	3366810	20.0
Nordiphenamid	15.645	5.3	ng/ul	883302	3	14.439	3366810	20.0
Diphenylmethane	15.733	2.6	ng/ul	439310	3	14.439	3366810	20.0
Dibenzofuran, 4...	15.780	9.0	ng/ul	1517150	3	14.439	3366810	20.0
2,4,6-Cycloheptr...	15.921	8.1	ng/ul	1434430	4	17.174	3525180	20.0
unknown-01	16.151	2.1	ng/ul	376627	4	17.174	3525180	20.0
9H-Fluorene, 2-...	16.480	4.6	ng/ul	815315	4	17.174	3525180	20.0
Dibenzothiophene	16.992	9.5	ng/ul	1680390	4	17.174	3525180	20.0
5H-Indeno[1,2-b...	17.574	9.3	ng/ul	1635590	4	17.174	3525180	20.0
Naphthalene, 1-...	17.692	2.1	ng/ul	365009	4	17.174	3525180	20.0
Phenanthrene, 2...	18.051	10.6	ng/ul	1871540	4	17.174	3525180	20.0
Anthracene, 2-m...	18.098	11.4	ng/ul	2001250	4	17.174	3525180	20.0
Phenanthrene, 1...	18.174	3.6	ng/ul	641391	4	17.174	3525180	20.0
4H-Cyclopenta[d...	18.245	21.2	ng/ul	3733980	4	17.174	3525180	20.0
Anthracene, 9-m...	18.280	3.0	ng/ul	536961	4	17.174	3525180	20.0
Naphthalene, 2-...	18.545	6.4	ng/ul	1122240	4	17.174	3525180	20.0
10,18-Bisnorabi...	19.286	8.1	ng/ul	1420660	4	17.174	3525180	20.0
Pyrene, 1-methyl-	19.909	2.3	ng/ul	827636	5	21.397	7145060	20.0
11H-Benzo[a]flu...	20.080	4.4	ng/ul	1585730	5	21.397	7145060	20.0
11H-Benzo[b]flu...	20.180	4.7	ng/ul	1683260	5	21.397	7145060	20.0
Fluoranthene, 2...	20.239	2.1	ng/ul	736605	5	21.397	7145060	20.0
unknown-02	21.074	2.5	ng/ul	908344	5	21.397	7145060	20.0