LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029892.D
Acq On : 08 May 2021 01:11
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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-BM050721.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.693	304	307	314	rVB2	33207	57831	1.26%	0.078%
2	6.228	565	568	574	rVB2	25471	40933	0.89%	0.055%
3	6.740	650	655	674	rVV	255832	533781	11.64%	0.719%
4	6.898	674	682	698	rVV2	368080	769758	16.79%	1.037%
5	7.092	709	715	728	rVV	321109	581167	12.67%	0.783%
6	7.551	784	793	802	rBV	545120	946130	20.63%	1.274%
7	8.098	881	886	892	rVB3	27582	52719	1.15%	0.071%
8	8.275	907	916	923	rBV	326119	629903	13.74%	0.849%
9	8.622	969	975	977	rBV4	25729	43993	0.96%	0.059%
10	8.651	977	980	985	rVV4	34300	58237	1.27%	0.078%
11	8.710	985	990	1003	rVV	277375	547993	11.95%	0.738%
12	8.863	1010	1016	1018	rBV4	22047	41109	0.90%	0.055%
13	8.898	1018	1022	1028	rVB5	32018	61096	1.33%	0.082%
14	9.004	1028	1040	1048	rBV8	17633	75698	1.65%	0.102%
15	9.192	1067	1072	1076	rBV3	35619	58961	1.29%	0.079%
16	9.251	1076	1082	1087	rVB4	33645	56555	1.23%	0.076%
17	9.428	1104	1112	1123	rBV2	252724	535133	11.67%	0.721%
18	9.510	1123	1126	1134	rVB7	42408	74583	1.63%	0.100%
19	9.922	1191	1196	1198	rBV4	26396	40647	0.89%	0.055%
20	9.969	1198	1204	1213	rVV	298784	560749	12.23%	0.755%
21	10.198	1238	1243	1246	rBV4	25290	43846	0.96%	0.059%
22	10.328	1254	1265	1271	rBV	884426	1520857	33.17%	2.049%
23	10.380	1271	1274	1282	rVB2	71029	134156	2.93%	0.181%
24	10.486	1282	1292	1301	rBV2	304638	792439	17.28%	1.067%
25	10.622	1311	1315	1322	rVB6	24720	51474	1.12%	0.069%
26	10.727	1326	1333	1337	rBV4	21975	47509	1.04%	0.064%
27	10.816	1343	1348	1353	rBV3	41257	71513	1.56%	0.096%
28	11.004	1374	1380	1381	rBV4	40627	64614	1.41%	0.087%
29	11.027	1382	1384	1389	rVV	57347	78118	1.70%	0.105%
30	11.169	1402	1408	1415	rBV8	23342	66686	1.45%	0.090%
31	11.363	1435	1441	1450	rVV	213761	400627	8.74%	0.540%
32	11.616	1477	1484	1489	rBV3	49003	88115	1.92%	0.119%
33	11.692	1490	1497	1501	rVB5	21931	44614	0.97%	0.060%
34	11.751	1501	1507	1510	rBV3	28955	60429	1.32%	0.081%

LSC Area Percent Report

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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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-BM050721.M
Title : SVOA CALIBRATION

35	11.998	1544	1549	1556	rVB2	131450	256055	5.58%	0.345%
36	12.227	1581	1588	1597	rVV	152636	310920	6.78%	0.419%
37	12.469	1624	1629	1636	rVB4	63750	123849	2.70%	0.167%
38	12.692	1662	1667	1670	rBV2	36040	66988	1.46%	0.090%
39	12.739	1670	1675	1680	rVB	308638	428588	9.35%	0.577%
40	13.004	1716	1720	1723	rBV2	56369	82958	1.81%	0.112%
41	13.051	1724	1728	1732	rVB2	76080	102649	2.24%	0.138%
42	13.121	1737	1740	1744	rVV4	45650	58910	1.28%	0.079%
43	13.233	1756	1759	1761	rBV3	32378	47155	1.03%	0.064%
44	13.380	1775	1784	1789	rBV2	100007	277439	6.05%	0.374%
45	13.521	1802	1808	1813	rBV	177516	330674	7.21%	0.445%
46	13.574	1814	1817	1820	rVV2	98778	141267	3.08%	0.190%
47	13.621	1820	1825	1830	rVV	957458	1362881	29.72%	1.836%
48	13.698	1830	1838	1842	rVV3	384228	682777	14.89%	0.920%
49	13.757	1842	1848	1852	rVV4	91229	150304	3.28%	0.202%
50	13.892	1865	1871	1881	rVB	1096953	1804793	39.36%	2.431%
51	14.121	1903	1910	1913	rBV7	32584	82489	1.80%	0.111%
52	14.204	1917	1924	1930	rVV	1444752	2223519	48.49%	2.995%
53	14.263	1930	1934	1939	rVV	240912	346837	7.56%	0.467%
54	14.445	1961	1965	1971	rVB2	99554	177879	3.88%	0.240%
55	14.615	1990	1994	1999	rVB2	134136	213369	4.65%	0.287%
56	14.680	2002	2005	2011	rVB2	105576	154699	3.37%	0.208%
57	14.739	2011	2015	2020	rBV	174524	244033	5.32%	0.329%
58	14.827	2024	2030	2035	rBV3	79184	172313	3.76%	0.232%
59	14.980	2052	2056	2061	rBV4	71123	154321	3.37%	0.208%
60	15.198	2088	2093	2098	rVB	1539556	2099726	45.79%	2.828%
61	15.257	2098	2103	2107	rBV2	223594	334897	7.30%	0.451%
62	15.339	2114	2117	2121	rBV3	107074	156347	3.41%	0.211%
63	15.415	2128	2130	2134	rBV4	41239	53044	1.16%	0.071%
64	15.474	2135	2140	2149	rVB2	680279	1090812	23.79%	1.469%
65	15.633	2163	2167	2170	rBV5	46566	90271	1.97%	0.122%
66	15.957	2214	2222	2227	rBV	915964	1546913	33.74%	2.084%
67	16.304	2279	2281	2284	rBV4	95807	109631	2.39%	0.148%
68	16.774	2356	2361	2373	rVB2	872053	1433899	31.27%	1.932%
69	16.951	2386	2391	2394	rBV	1720278	2547183	55.55%	3.431%
70	16.992	2394	2398	2403	rVV	1579607	2251417	49.10%	3.033%
71	17.045	2403	2407	2411	rVV	1855647	2718807	59.30%	3.662%

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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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-BM050721.M
Title : SVOA CALIBRATION

72	17.080	2411	2413	2419	rVB	507538	627691	13.69%	0.846%
73	17.380	2460	2464	2469	rVB	247908	376344	8.21%	0.507%
74	17.821	2535	2539	2542	rBV	483219	653086	14.24%	0.880%
75	17.868	2542	2547	2555	rVV2	674501	1229463	26.81%	1.656%
76	17.956	2558	2562	2565	rVV2	309286	496091	10.82%	0.668%
77	18.015	2567	2572	2576	rVV2	759087	1495856	32.62%	2.015%
78	18.056	2576	2579	2584	rVB2	490704	701273	15.29%	0.945%
79	18.233	2605	2609	2618	rVB6	335851	658193	14.35%	0.887%
80	18.327	2623	2625	2630	rVB	193888	241574	5.27%	0.325%
81	18.421	2637	2641	2650	rVB	1792359	2479646	54.08%	3.340%
82	18.574	2663	2667	2671	rVB	1168071	1408770	30.72%	1.898%
83	18.621	2671	2675	2679	rBV2	294729	425110	9.27%	0.573%
84	18.750	2694	2697	2701	rVB	294614	406277	8.86%	0.547%
85	18.839	2710	2712	2716	rVB	340085	358715	7.82%	0.483%
86	19.009	2737	2741	2747	rBV	1669254	2165906	47.24%	2.918%
87	19.074	2747	2752	2756	rVB	1148103	1512485	32.99%	2.037%
88	19.345	2793	2798	2801	rBV	2538891	3721949	81.17%	5.014%
89	19.374	2801	2803	2808	rVB	1948749	2155760	47.02%	2.904%
90	19.545	2829	2832	2841	rBV3	274410	522272	11.39%	0.704%
91	19.792	2871	2874	2878	rBV	931004	1137455	24.81%	1.532%
92	19.874	2885	2888	2892	rVB	483447	601754	13.12%	0.811%
93	19.974	2902	2905	2909	rVB	533959	623850	13.61%	0.840%
94	20.862	3053	3056	3062	rVB2	699827	884444	19.29%	1.191%
95	21.133	3096	3102	3106	rBV2	2616226	4333529	94.51%	5.838%
96	21.168	3106	3108	3119	rVB	994404	1508459	32.90%	2.032%
97	22.650	3356	3360	3364	rBV2	531448	851211	18.56%	1.147%
98	23.156	3441	3446	3450	rBV	1277259	2211755	48.24%	2.979%
99	23.291	3464	3469	3475	rVB2	1277274	2199142	47.96%	2.962%
100	25.432	3825	3833	3849	rVB2	1761851	4585192	100.00%	6.177%

Sum of corrected areas: 74235838

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029892.D
Acq On : 08 May 2021 01:11
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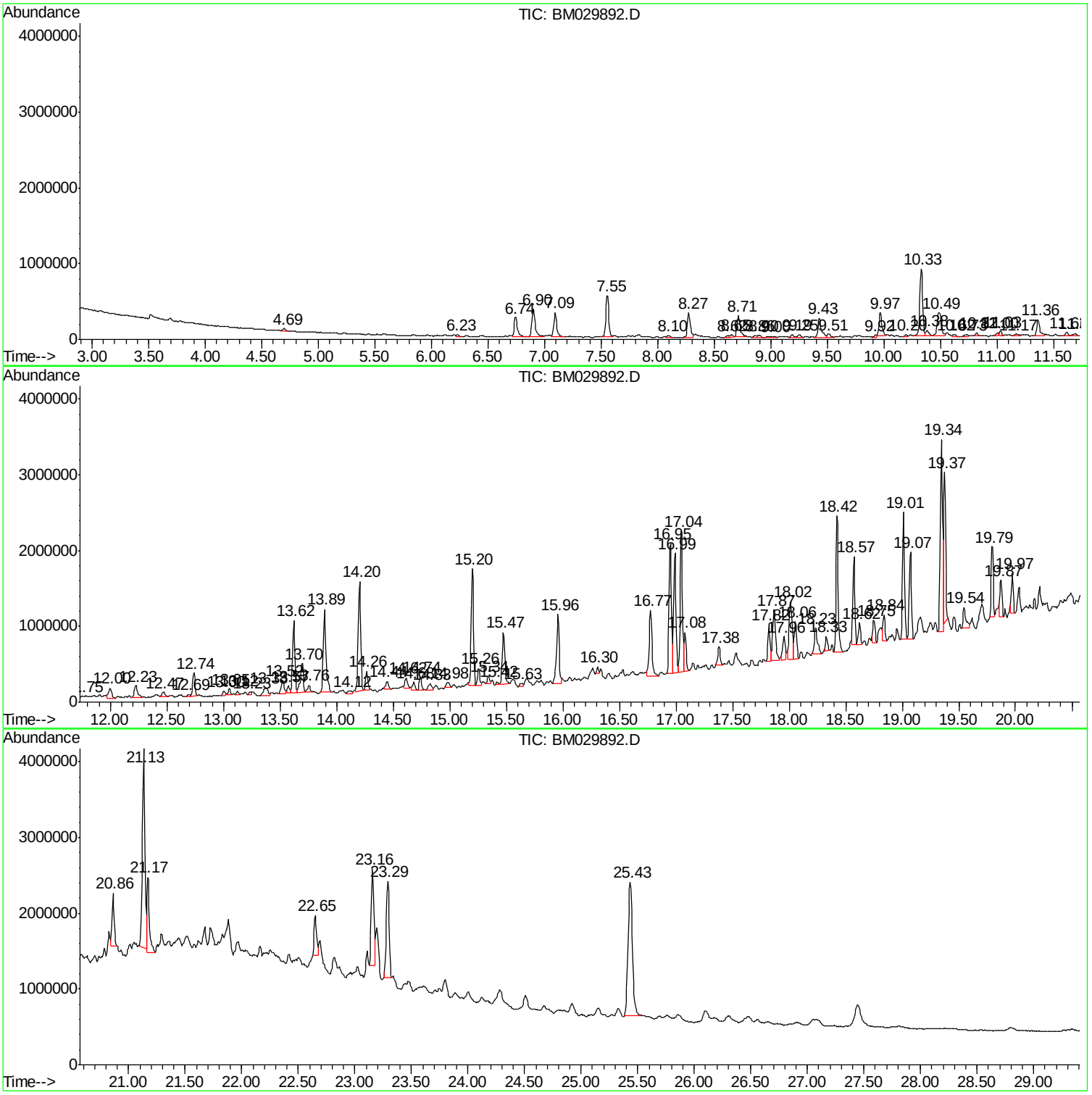
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
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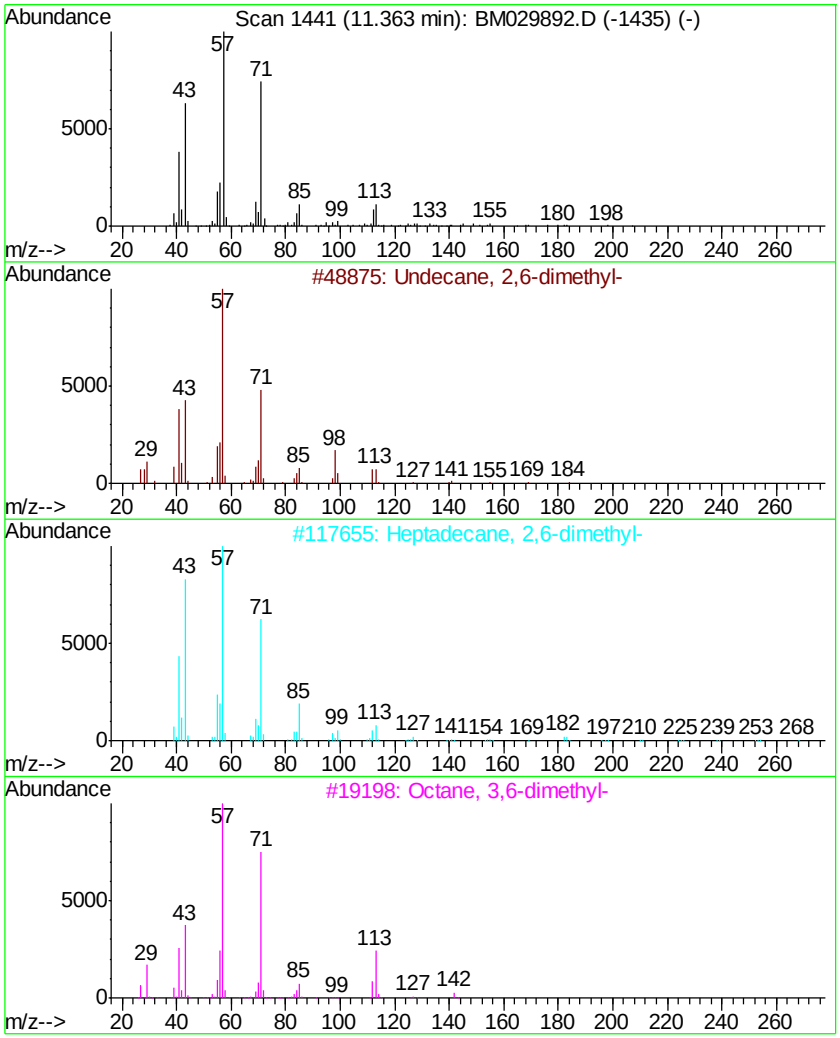
Quant Title : SVOA CALIBRATION

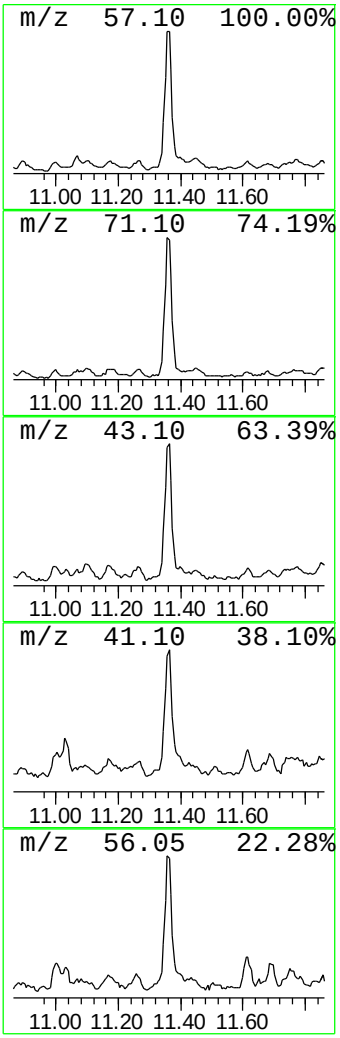
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.27 ng/ul	400627	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029892.D
Acq On : 08 May 2021 01:11
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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

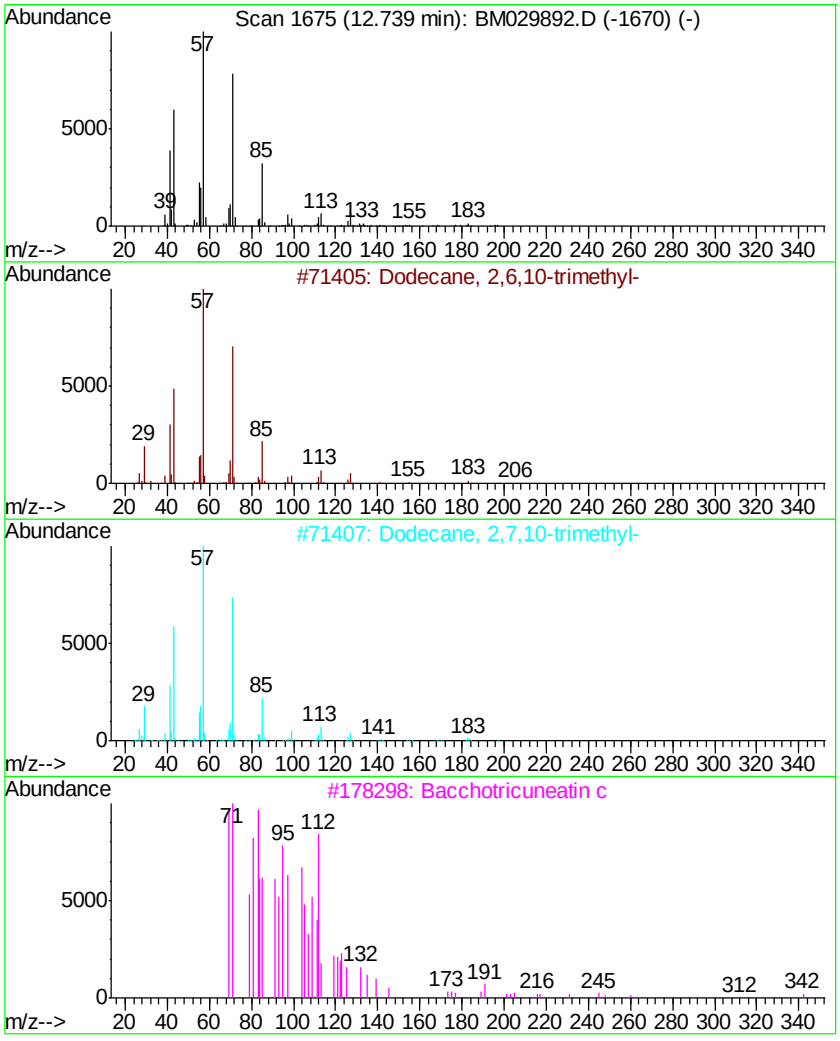
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

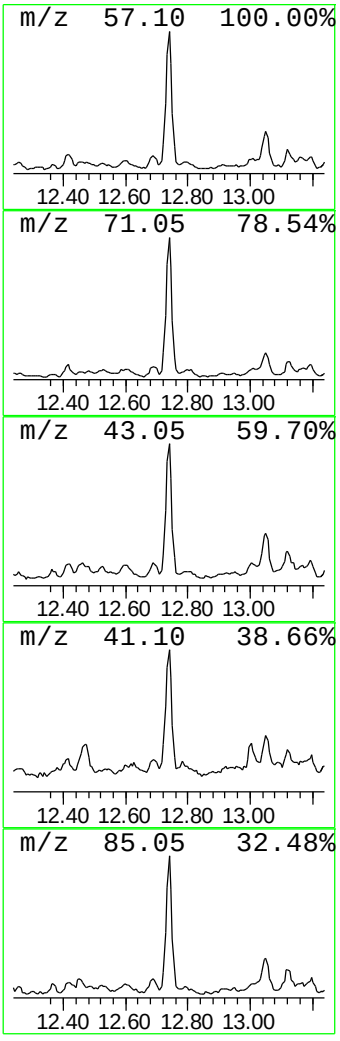
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.86 ng/ul	428588	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	59





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Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

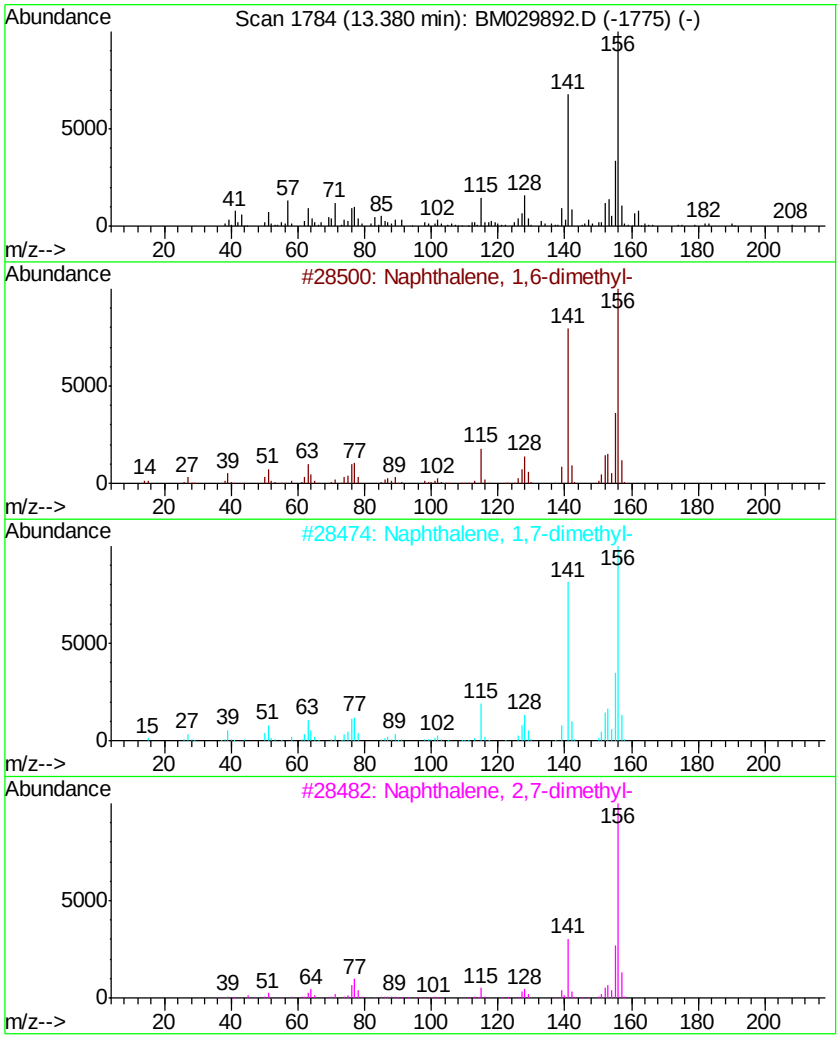
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

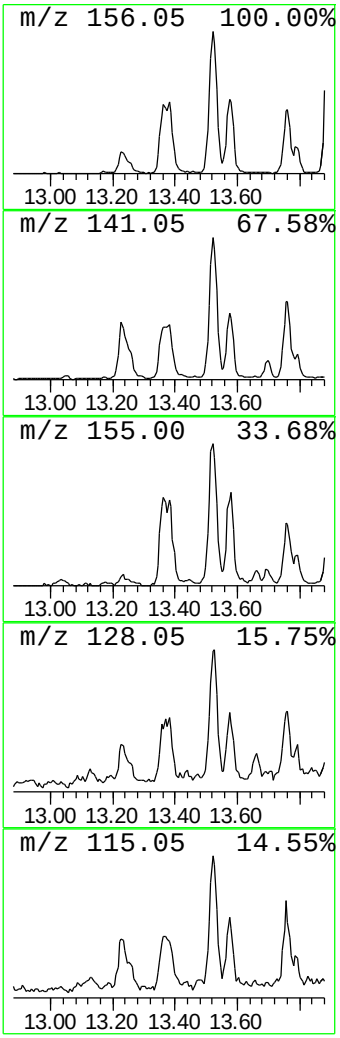
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.50 ng/ul	277439	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

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Acq On : 08 May 2021 01:11
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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

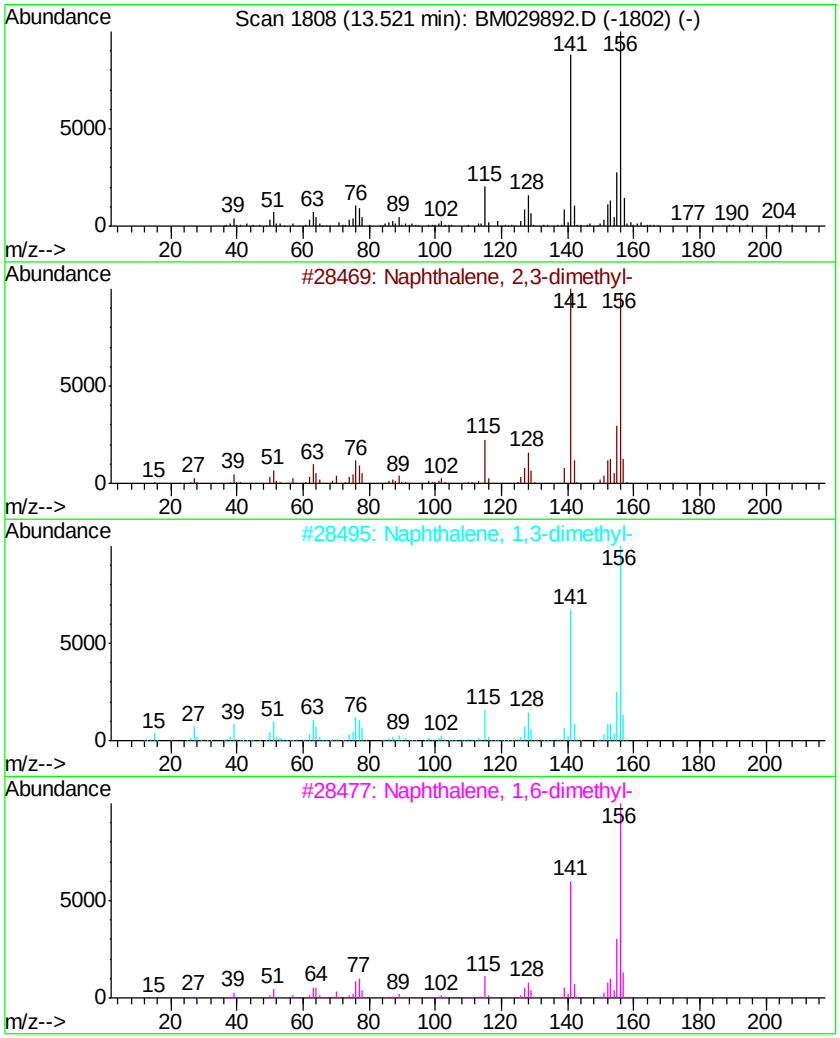
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

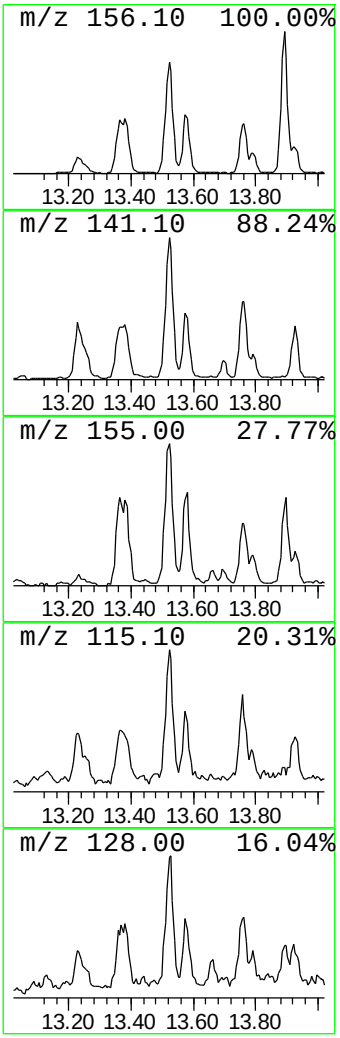
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.97 ng/ul	330674	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

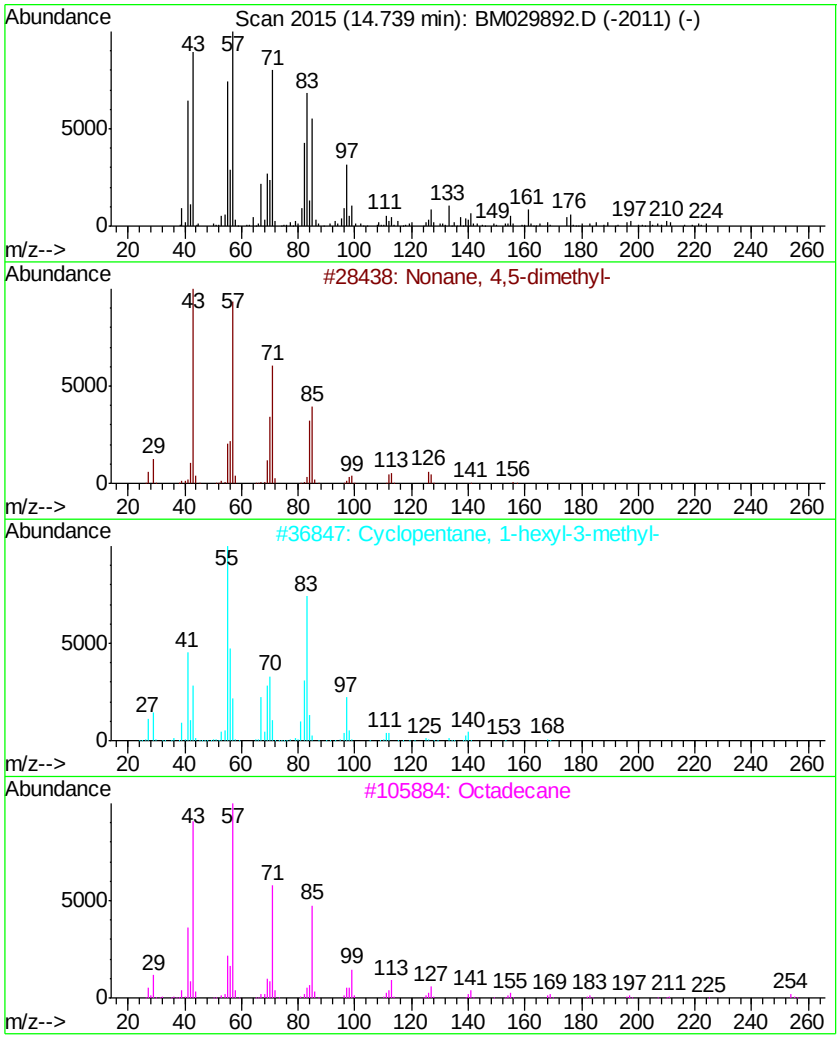
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

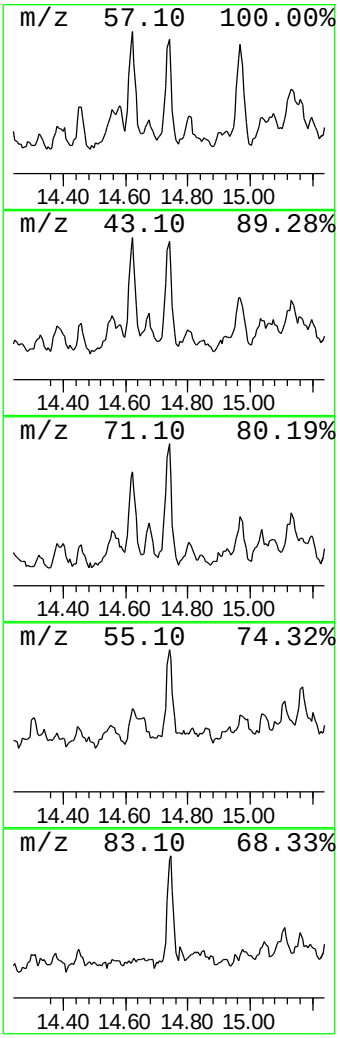
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.20 ng/ul	244033	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
2	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	38
3	Octadecane	254	C18H38	000593-45-3	35
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	30
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	25





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Sample : M2192-02
Misc :
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Instrument : BNA_M
ClientSampleId : BG596

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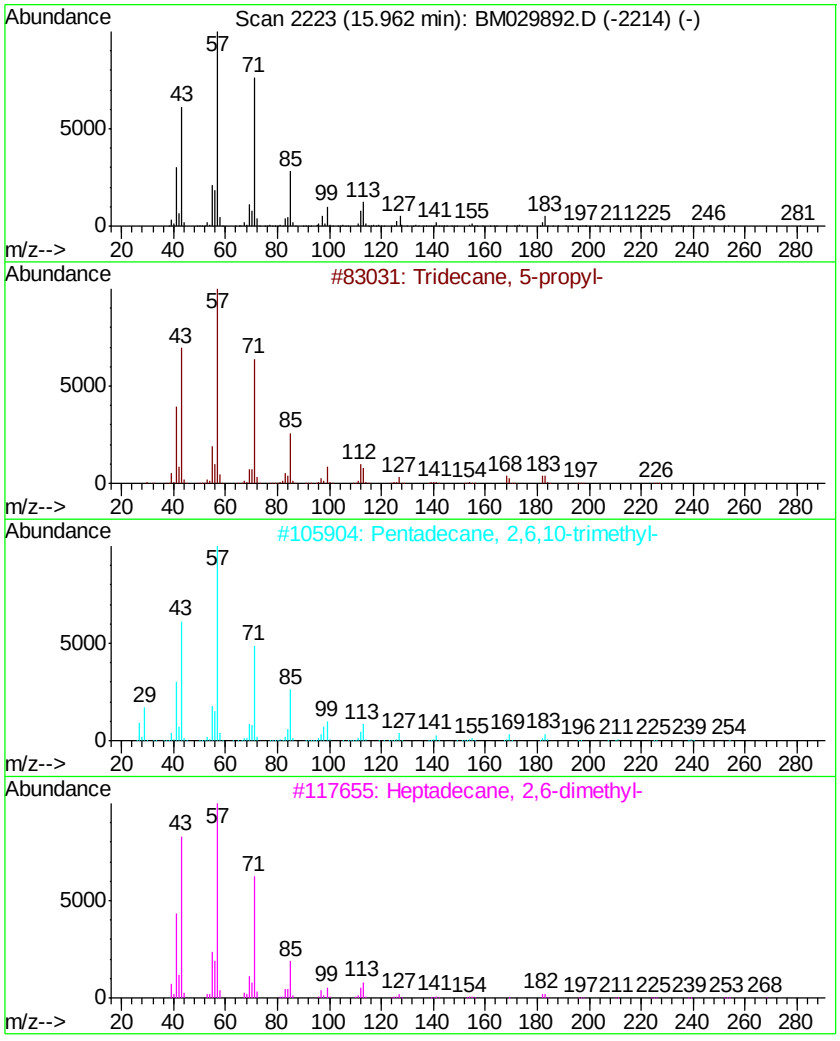
Quant Title : SVOA CALIBRATION

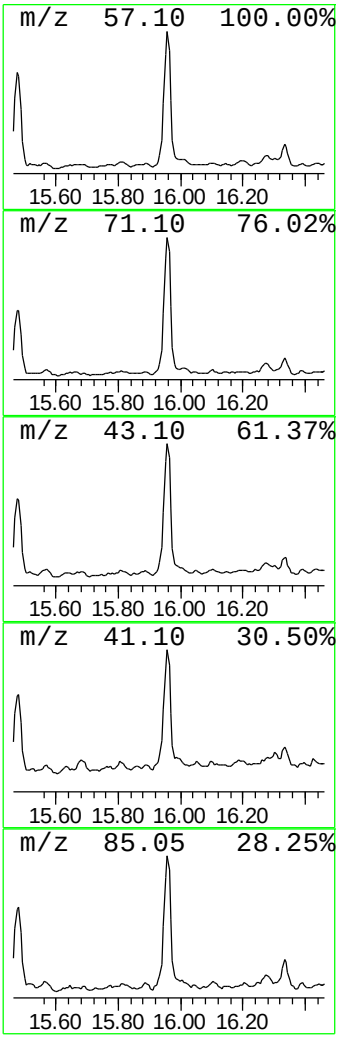
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	12.15 ng/ul	1546910	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Decane, 5-propyl-	184	C13H28	017312-62-8	70





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Instrument : BNA_M
ClientSampleId : BG596

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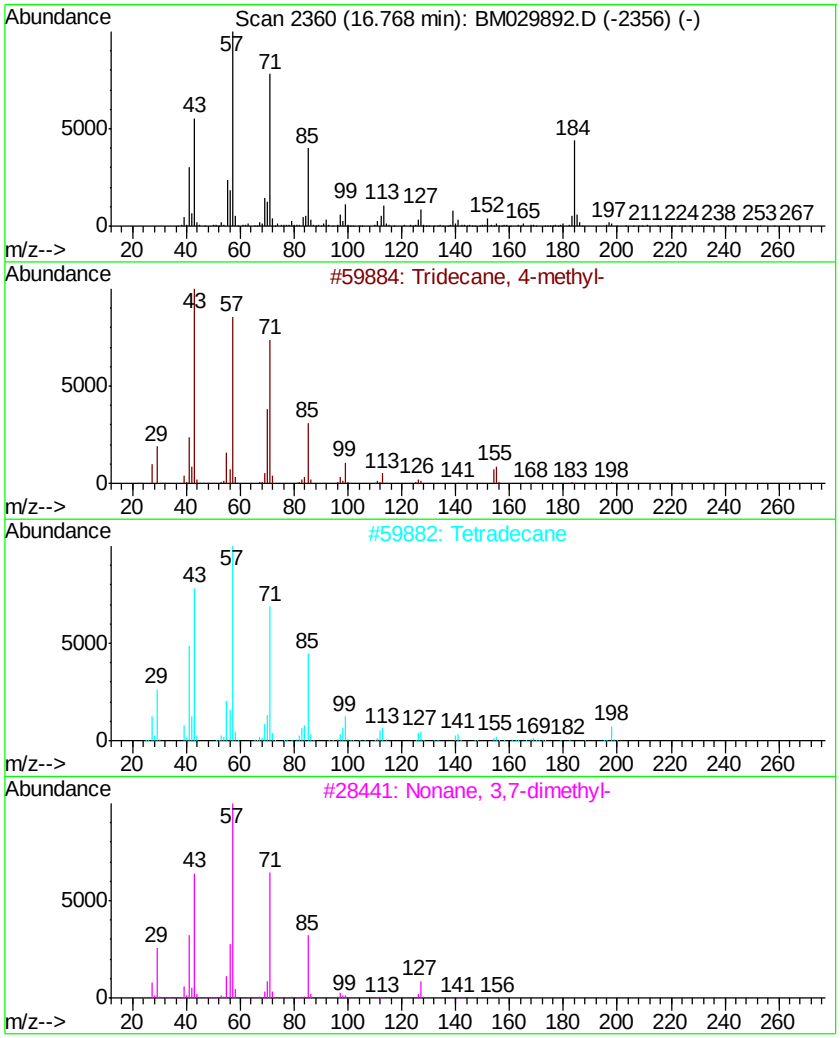
Quant Title : SVOA CALIBRATION

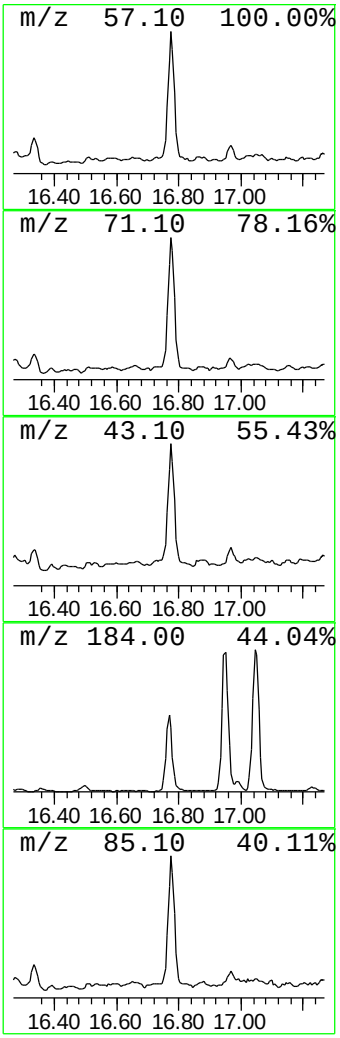
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	11.26 ng/ul	1433900	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
2	Tetradecane	198	C14H30	000629-59-4	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59





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Instrument : BNA_M
ClientSampleId : BG596

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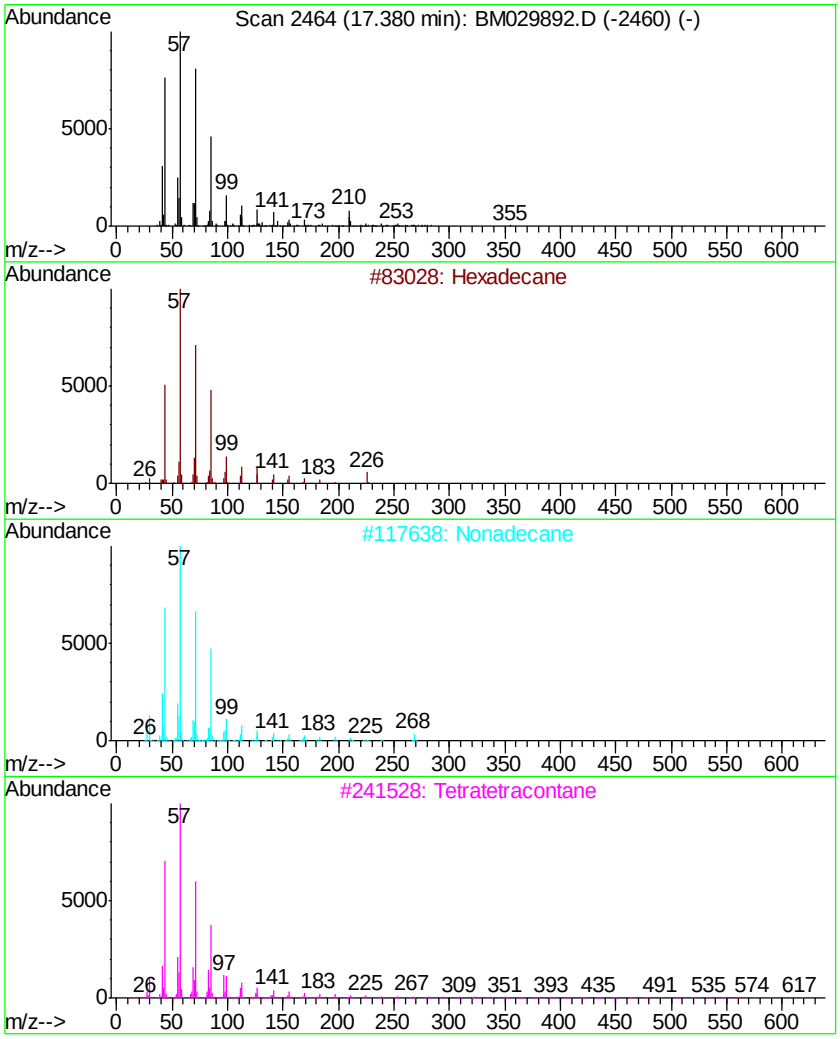
Quant Title : SVOA CALIBRATION

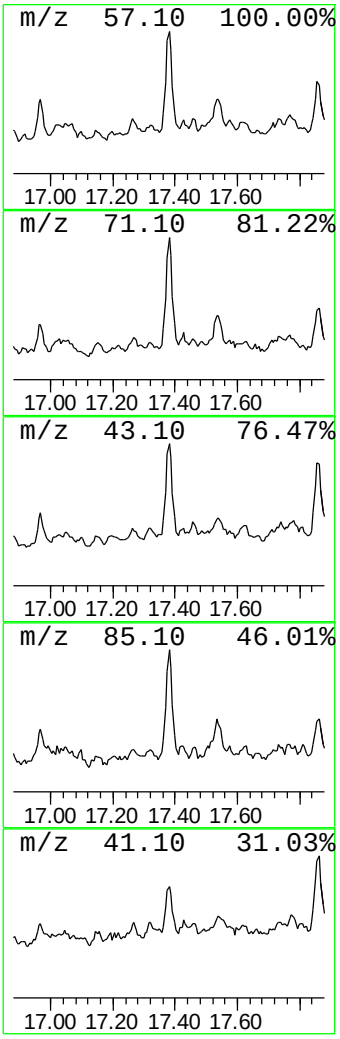
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.95 ng/ul	376344	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Octadecane	254	C18H38	000593-45-3	86





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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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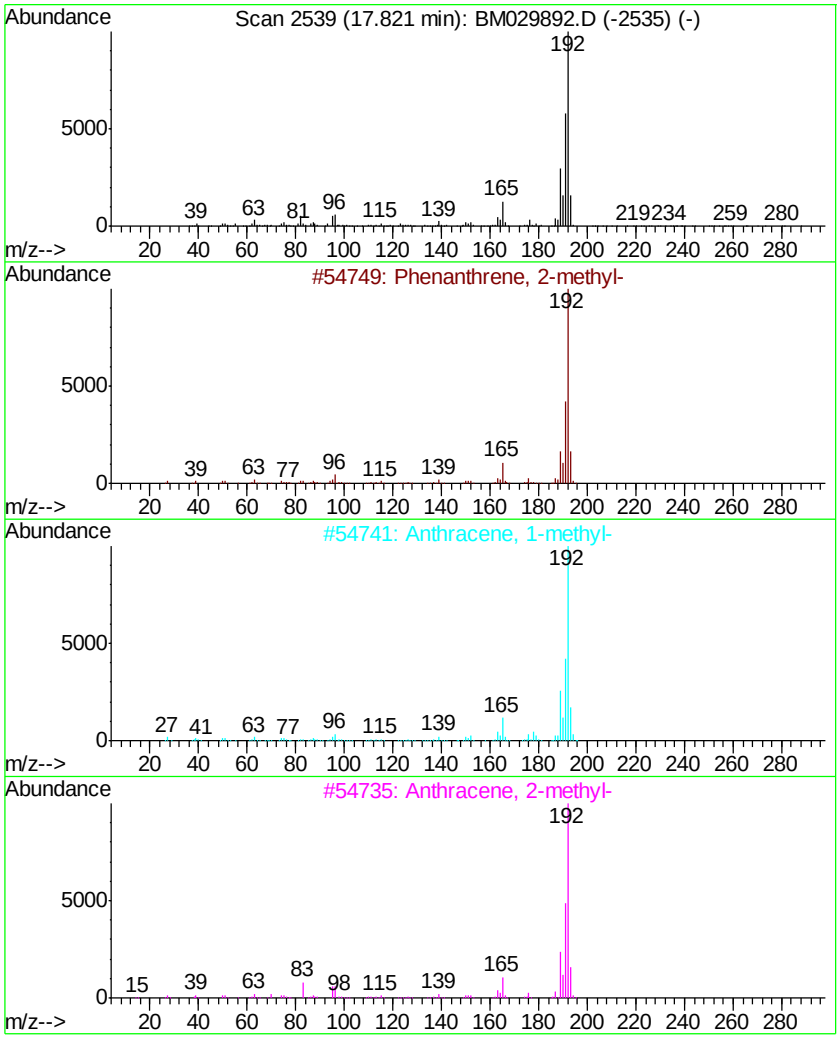
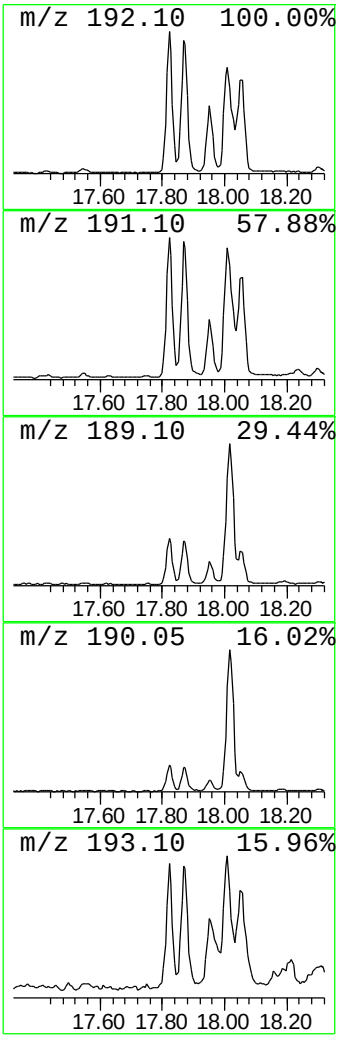
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.13 ng/ul	653086	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Misc :
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Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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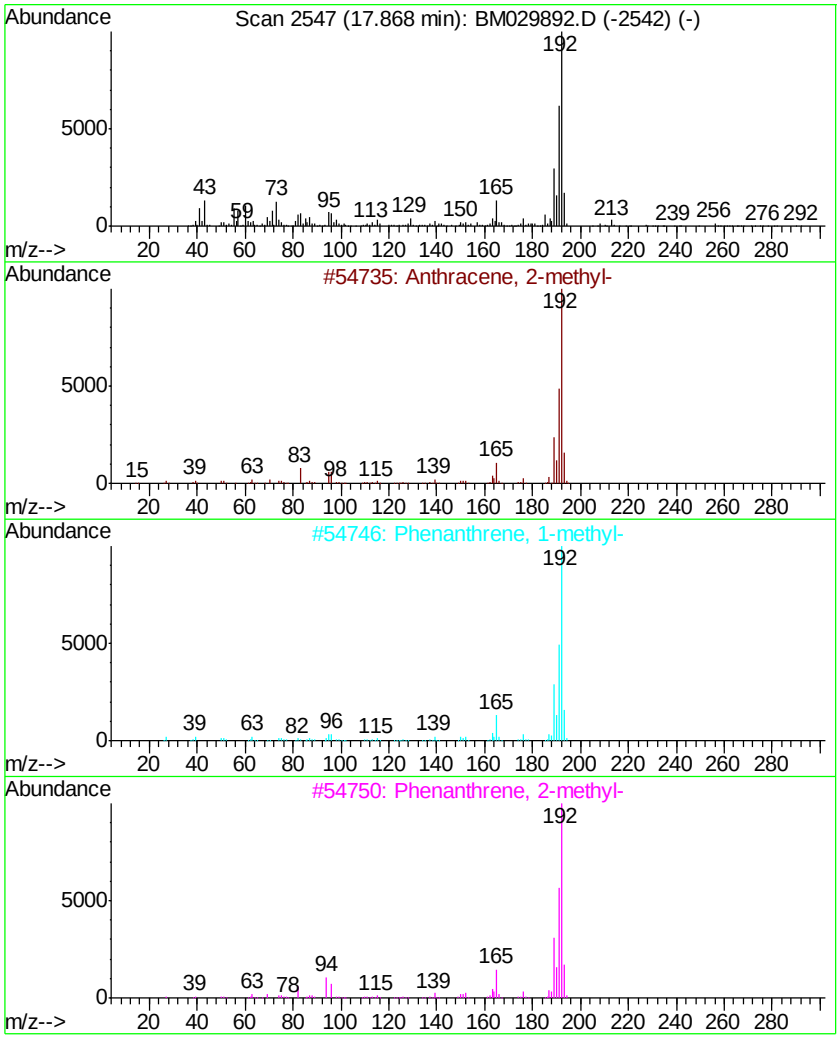
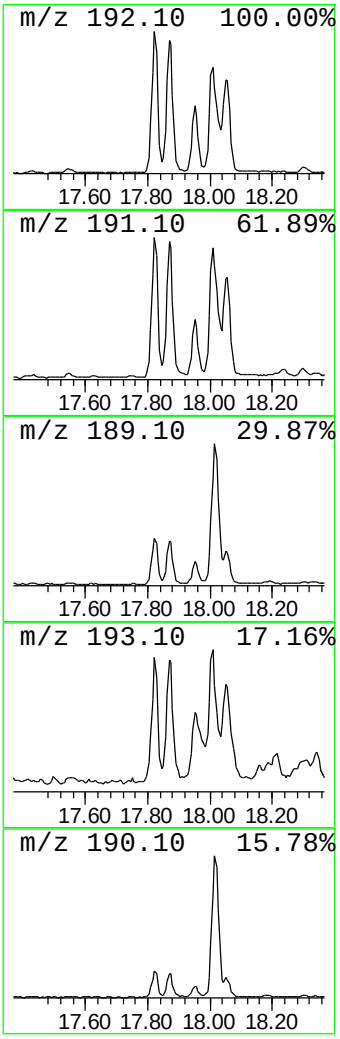
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	9.65 ng/ul	1229460	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
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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Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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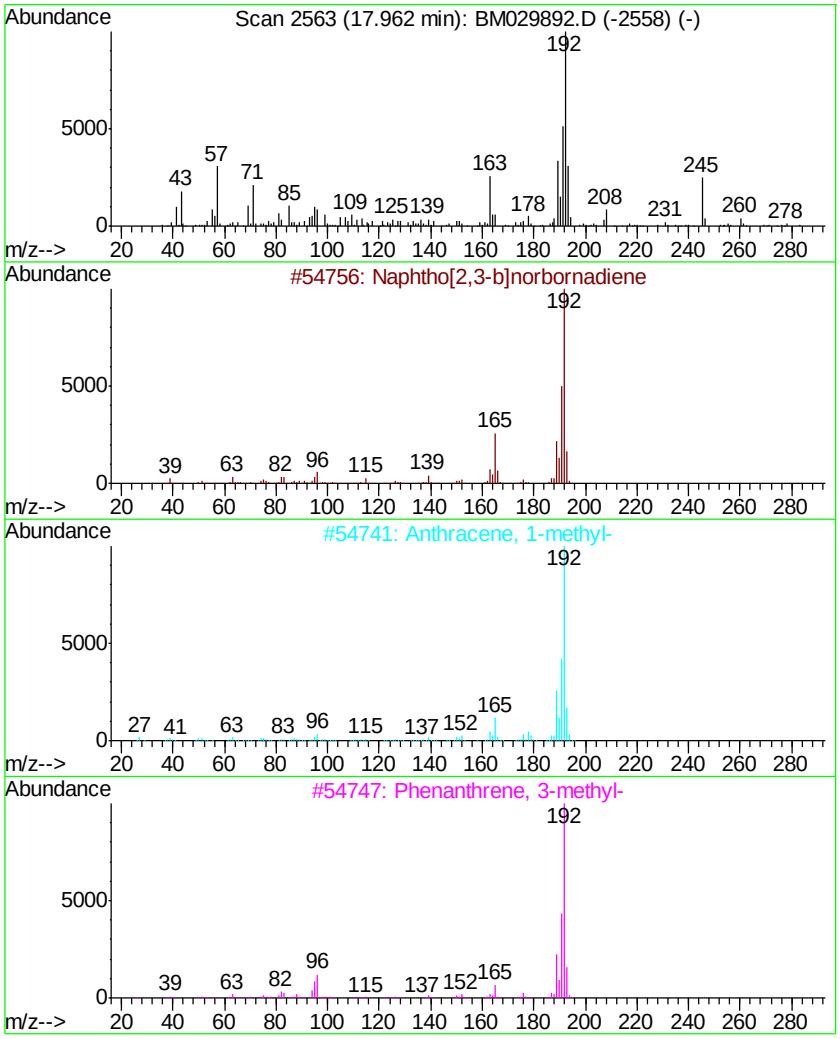
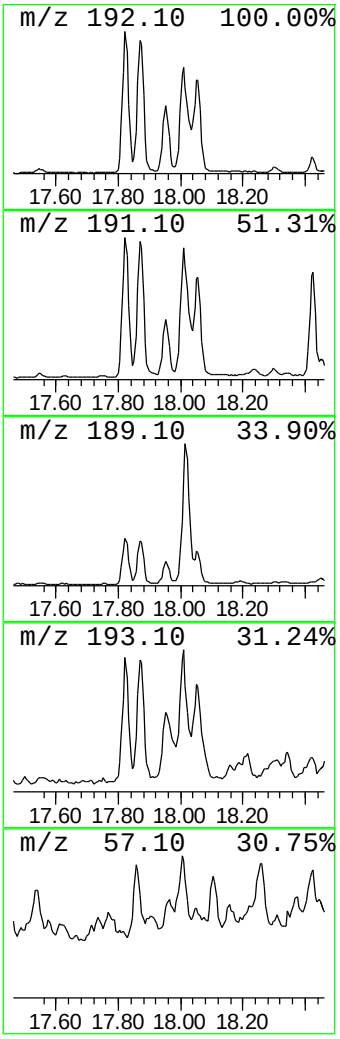
Peak Number 11 Naphtho[2,3-b]norbornadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.90 ng/ul	496091	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70





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Sample : M2192-02
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Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

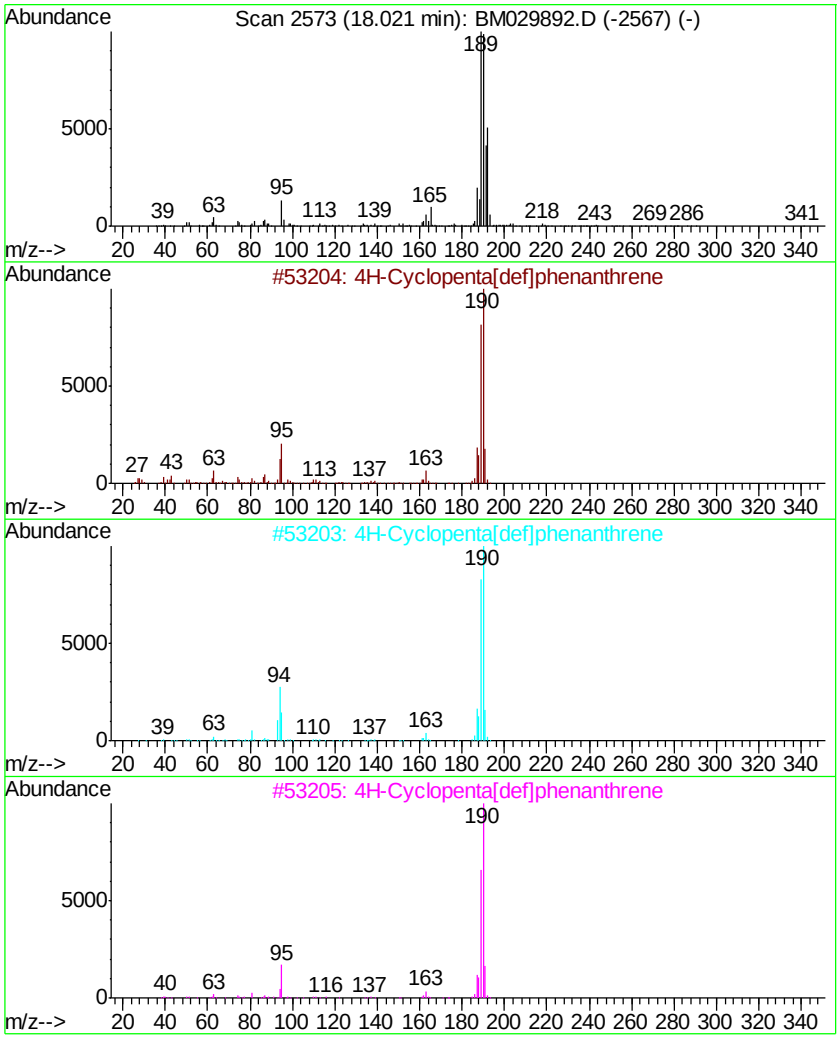
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

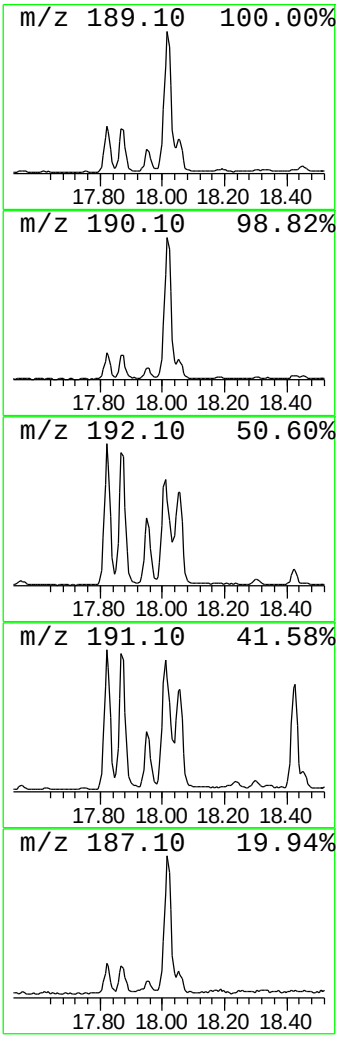
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	11.75 ng/ul	1495860	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

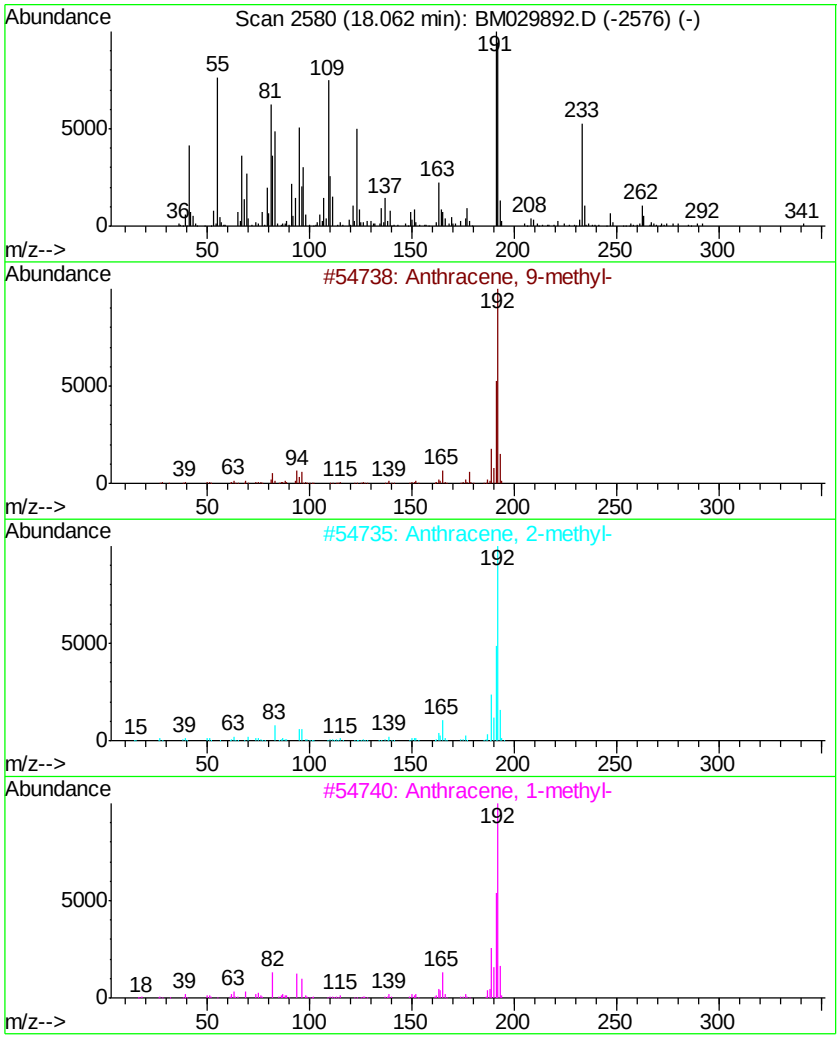
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

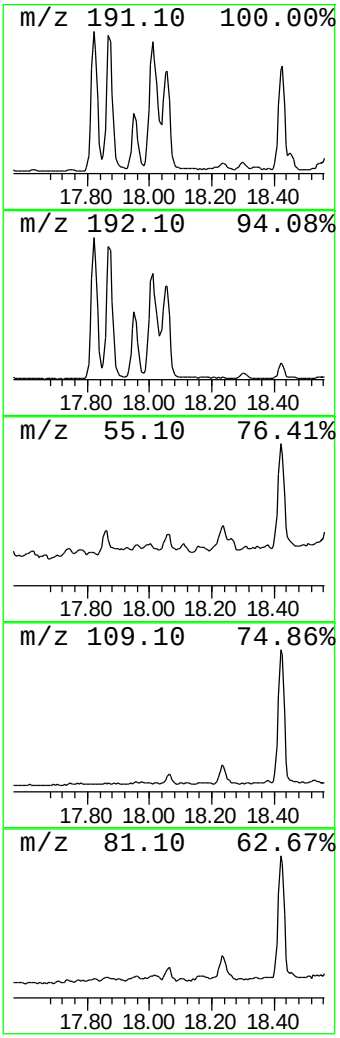
****

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.51 ng/ul	701273	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68





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Instrument : BNA_M
ClientSampleId : BG596

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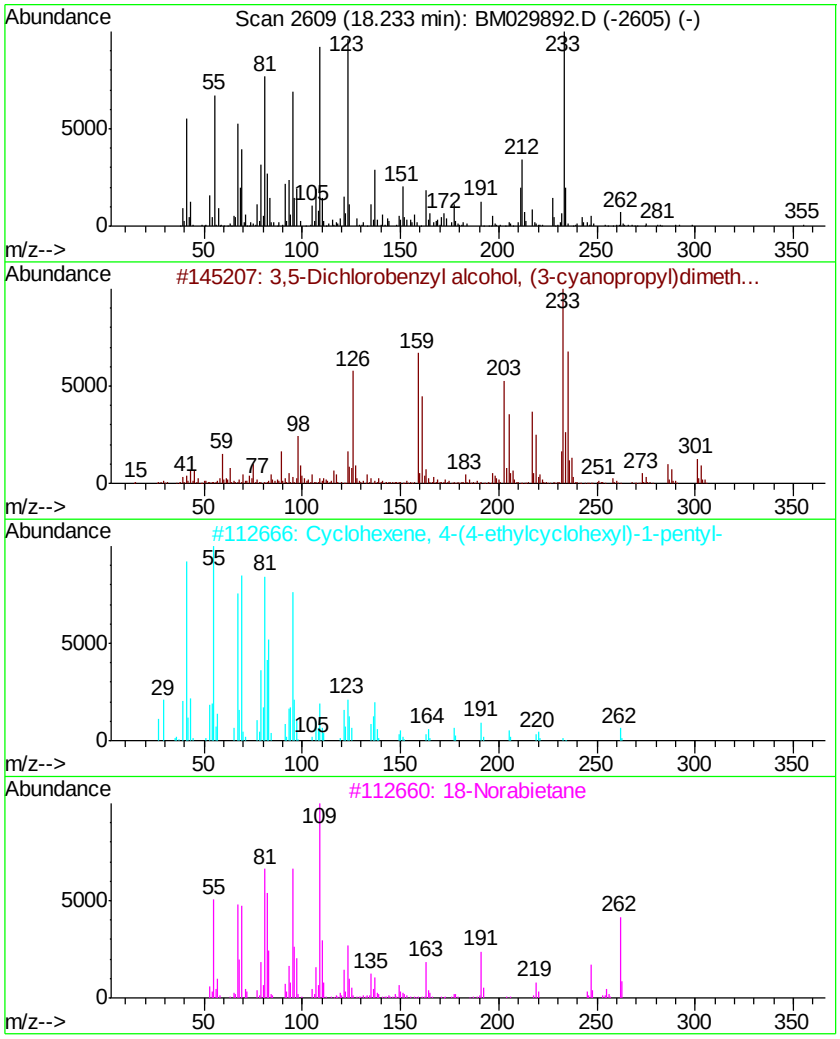
Quant Title : SVOA CALIBRATION

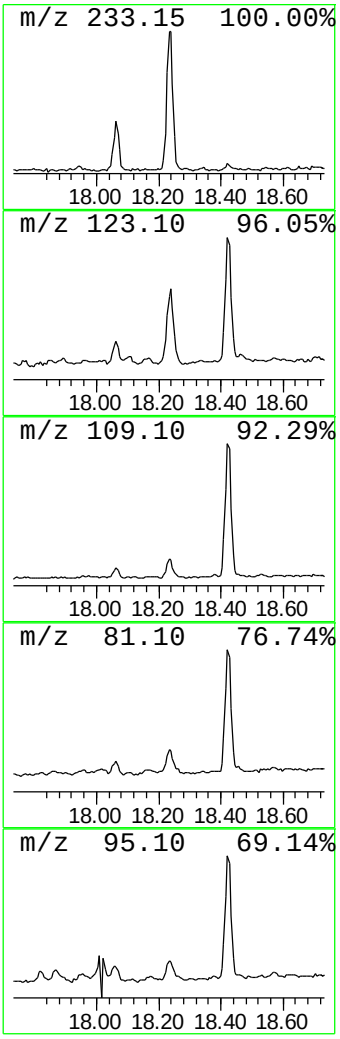
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3,5-Dichlorobenzyl alcohol,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.17 ng/ul	658193	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichlorobenzyl alcohol, (3-c...	301	C13H17Cl2NOSi	1000376-10-3	56
2	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	45
3	18-Norabietane	262	C19H34	1000293-16-6	35
4	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	35
5	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	35





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Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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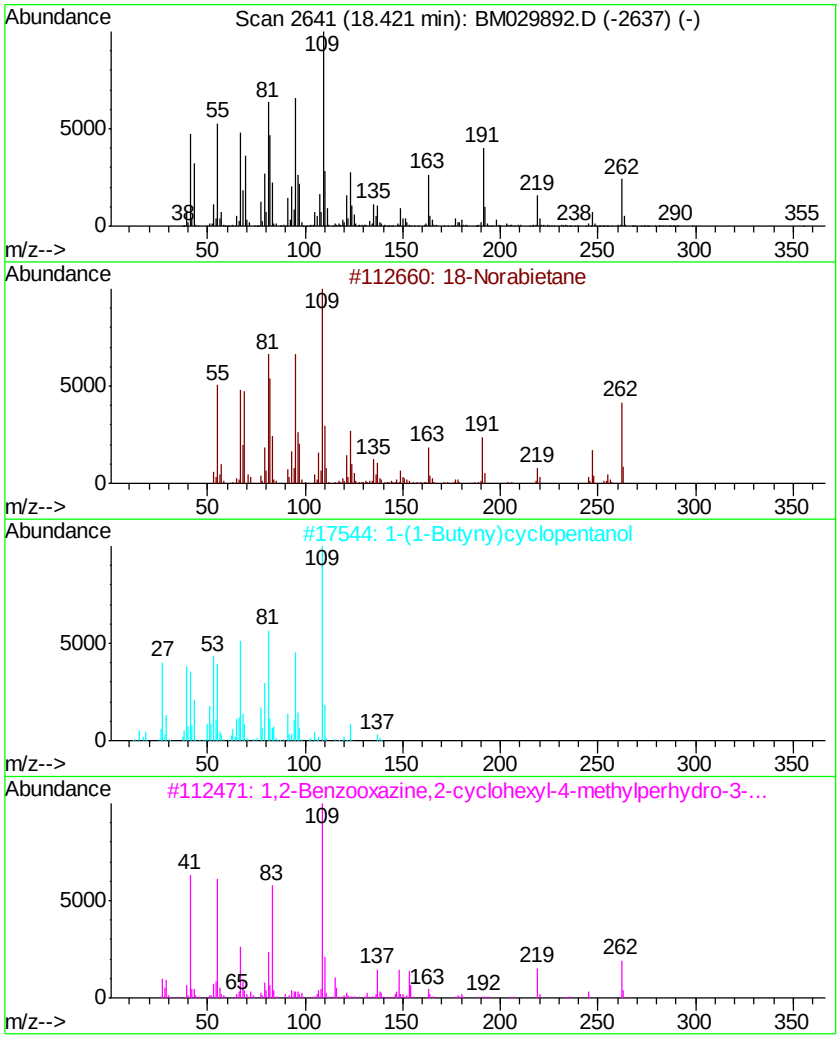
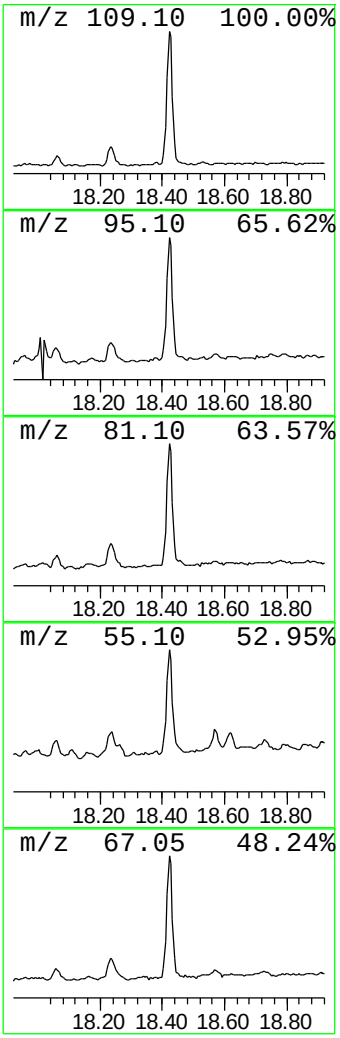
Peak Number 15 18-Norabietane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	19.47 ng/ul	2479650	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	35
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
4	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	30
5	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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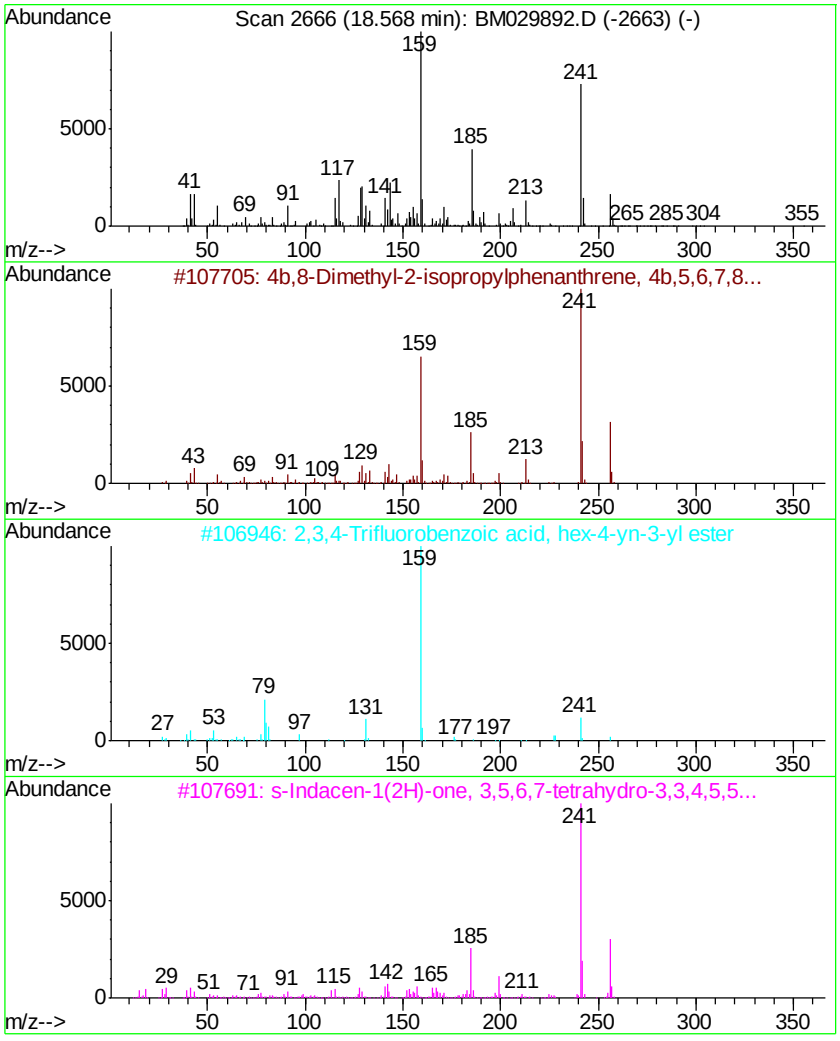
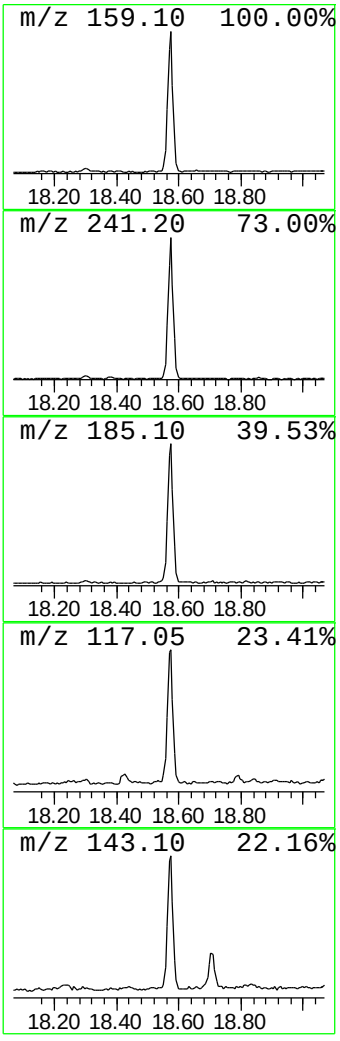
Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	11.06 ng/ul	1408770	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	50
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	27
5	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	25





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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

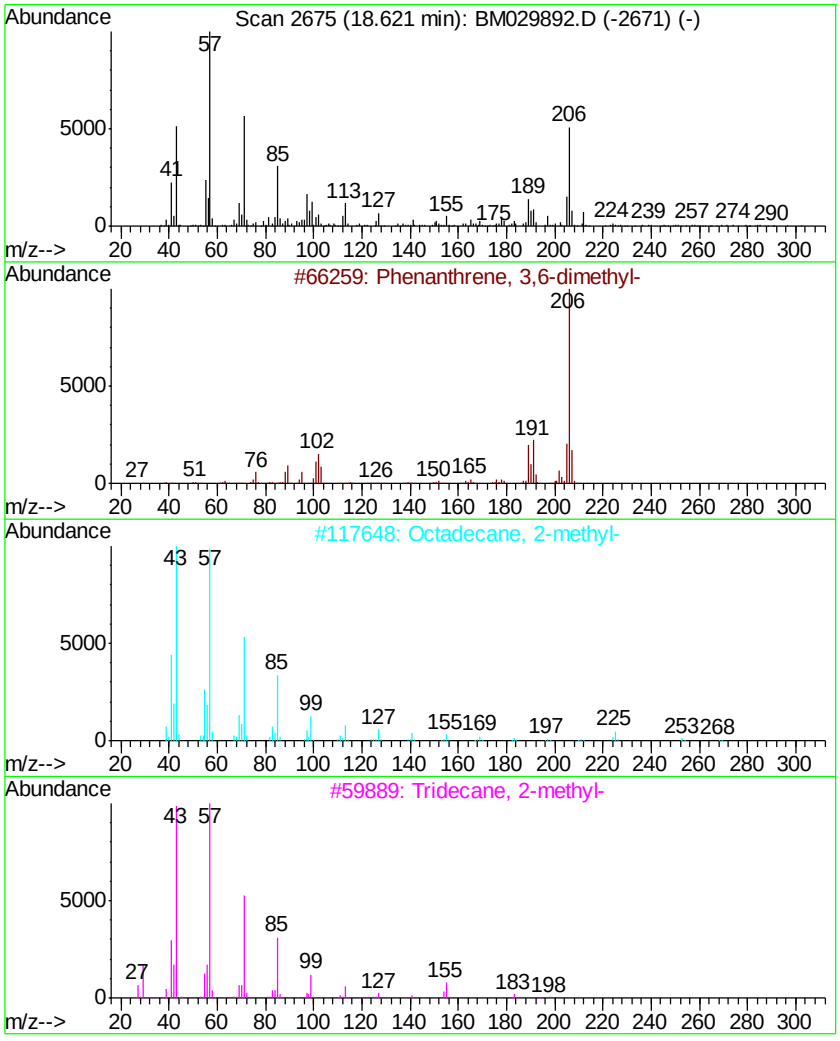
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

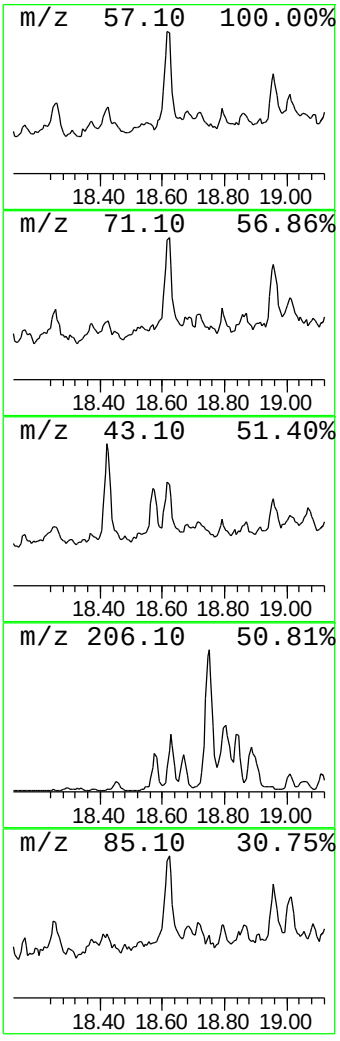
****

Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.34 ng/ul	425110	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	51
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	49
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	49
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
5	Hexadecane	226	C16H34	000544-76-3	46





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Data File : BM029892.D
Acq On : 08 May 2021 01:11
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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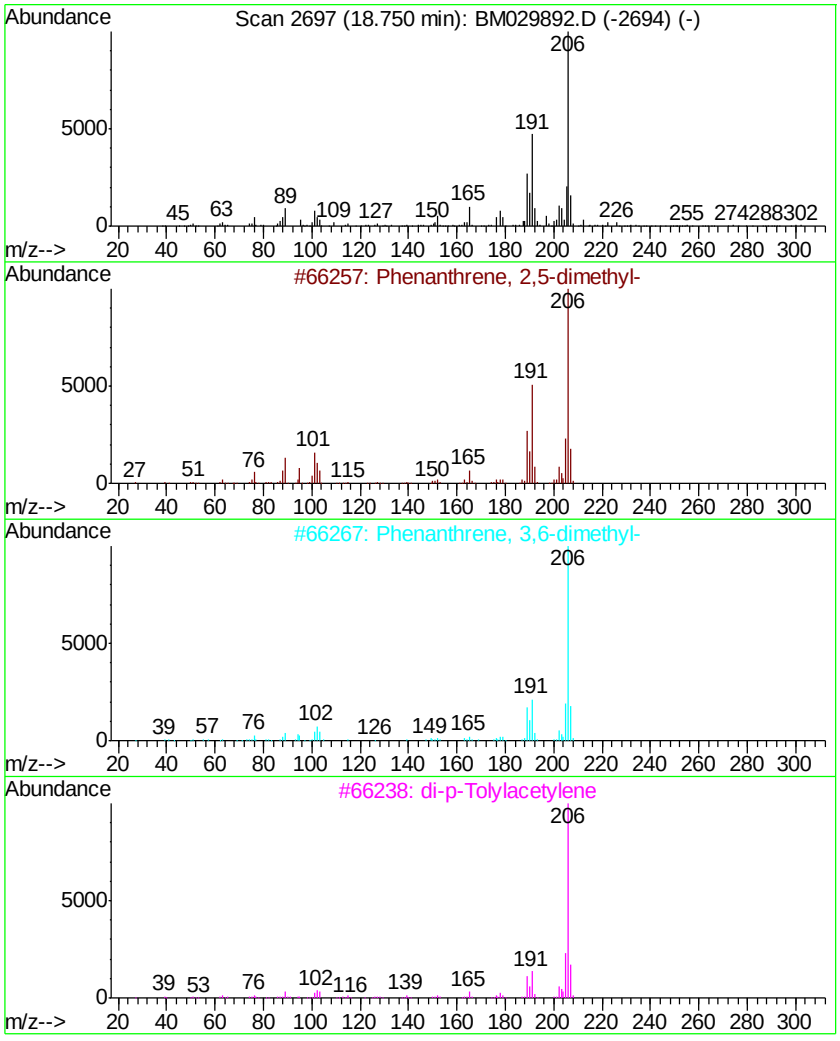
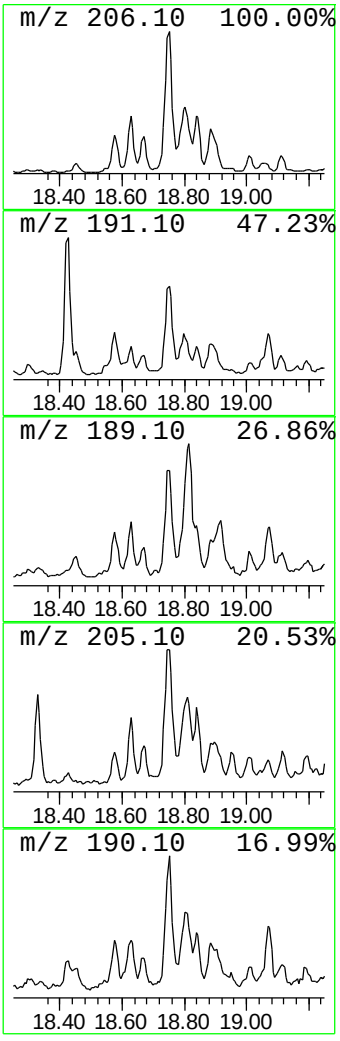
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.19 ng/ul	406277	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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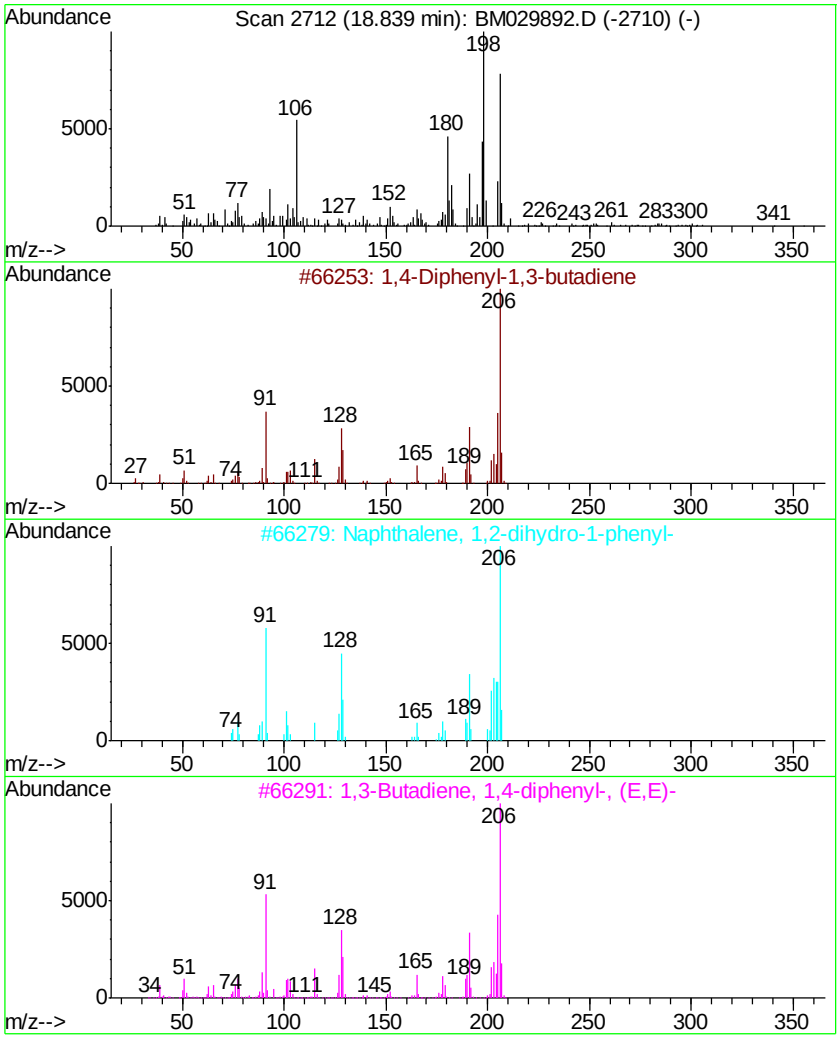
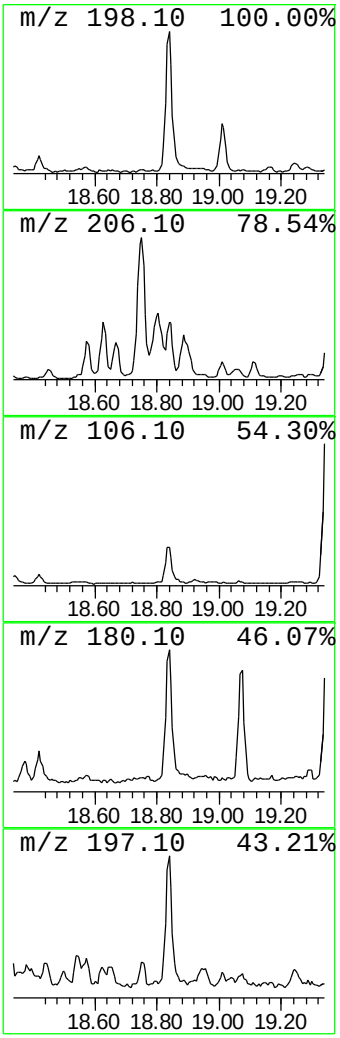
Peak Number 19 1,4-Diphenyl-1,3-butadiene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.82 ng/ul	358715	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	51
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	49
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	47
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	45
5	3,3'-Diaminodiphenylmethane	198	C13H14N2	019471-12-6	41





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Sample : M2192-02
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ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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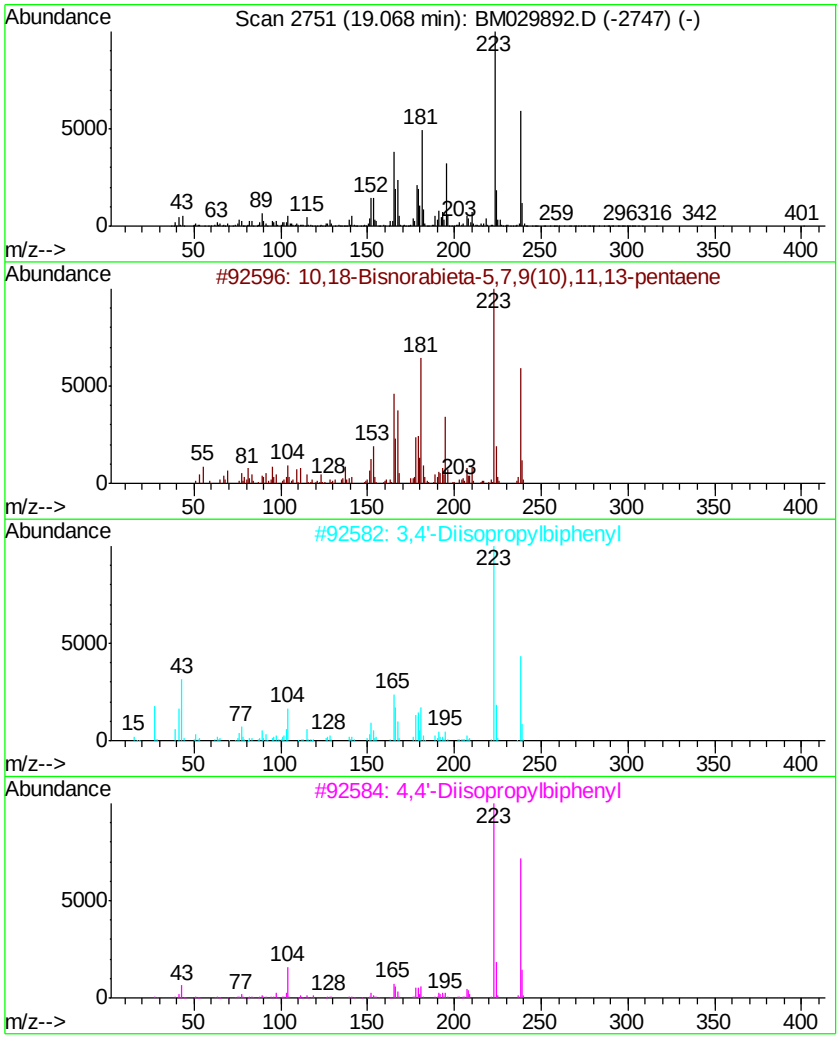
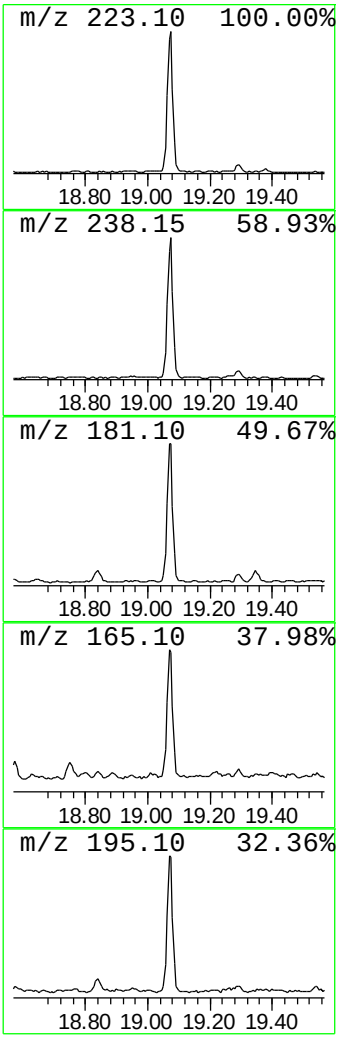
Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	6.98 ng/ul	1512490	Chrysene-d12	21.13

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	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	49





Library Search Compound Report

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Acq On : 08 May 2021 01:11
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

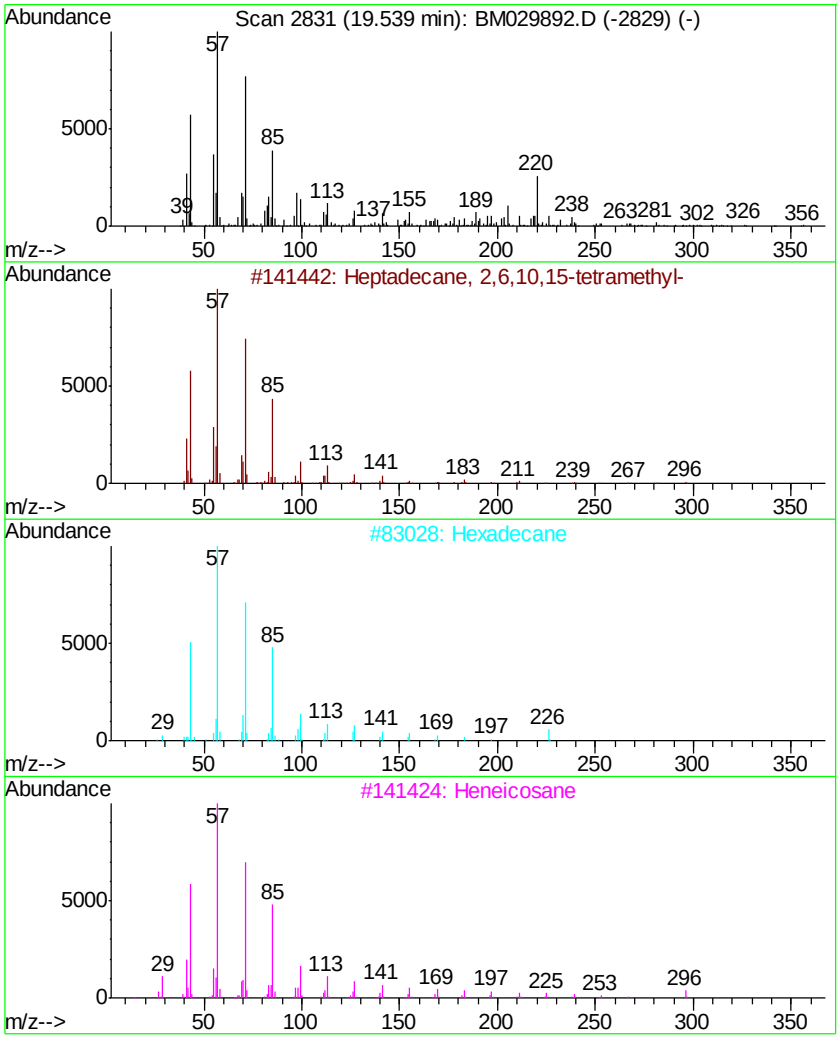
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

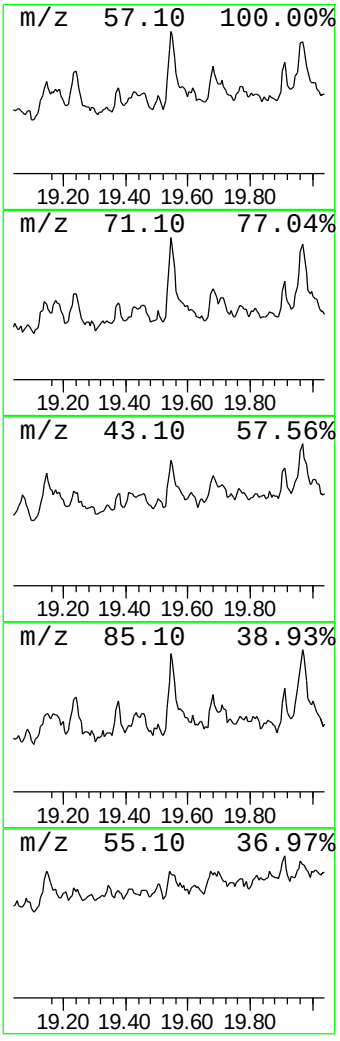
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.41 ng/ul	522272	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Docosane	310	C22H46	000629-97-0	90





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Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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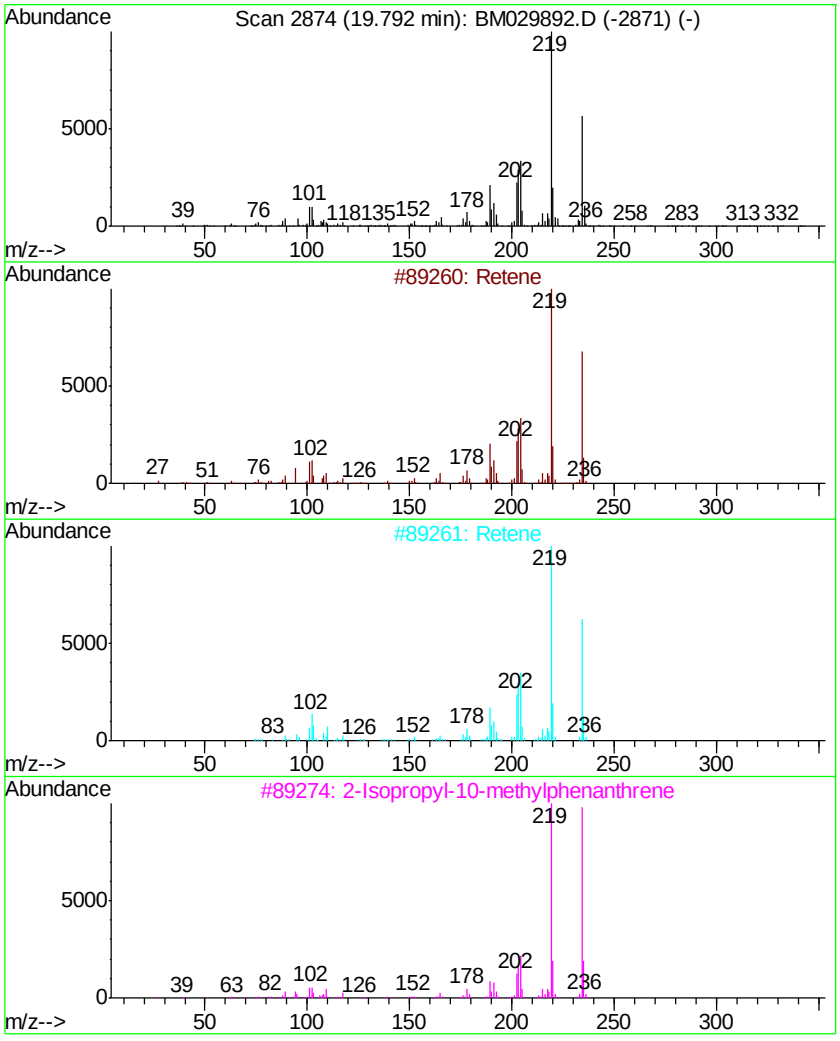
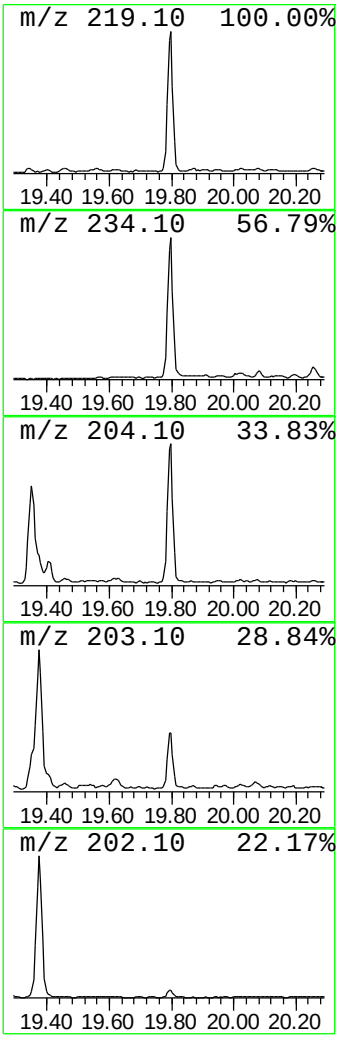
Peak Number 22 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	5.25 ng/ul	1137460	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	99
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4	Retene	234	C18H18	000483-65-8	80
5	Retene	234	C18H18	000483-65-8	55





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Acq On : 08 May 2021 01:11
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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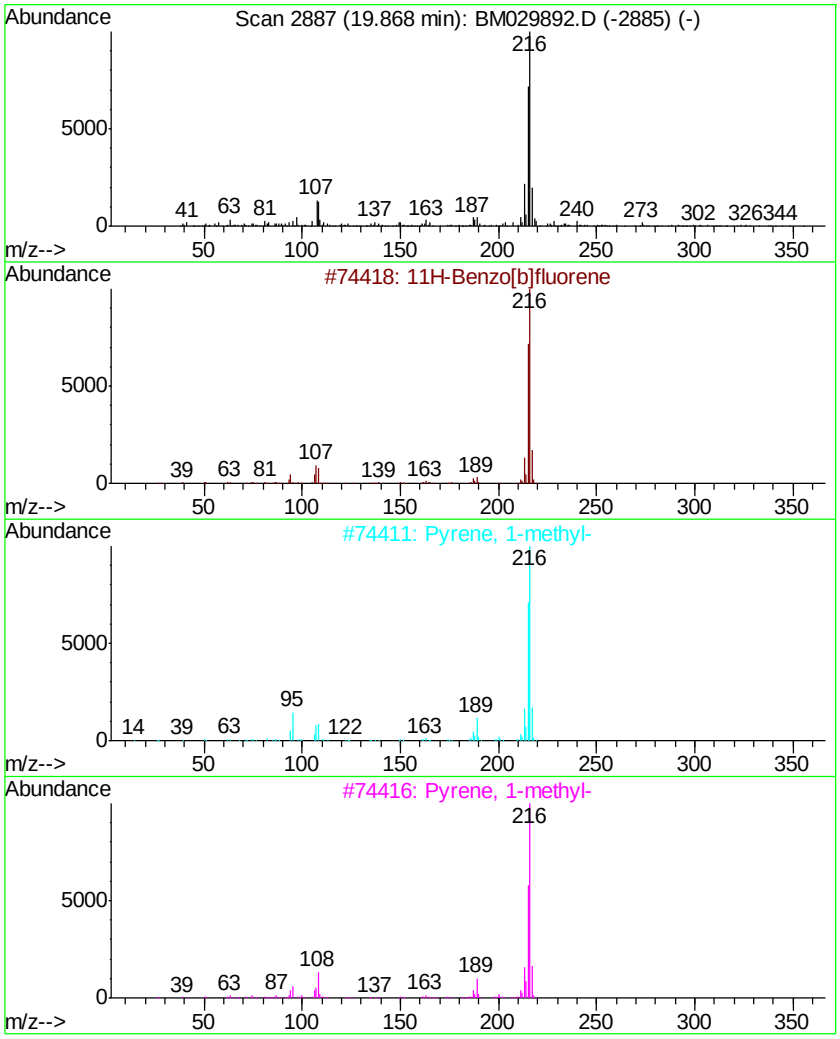
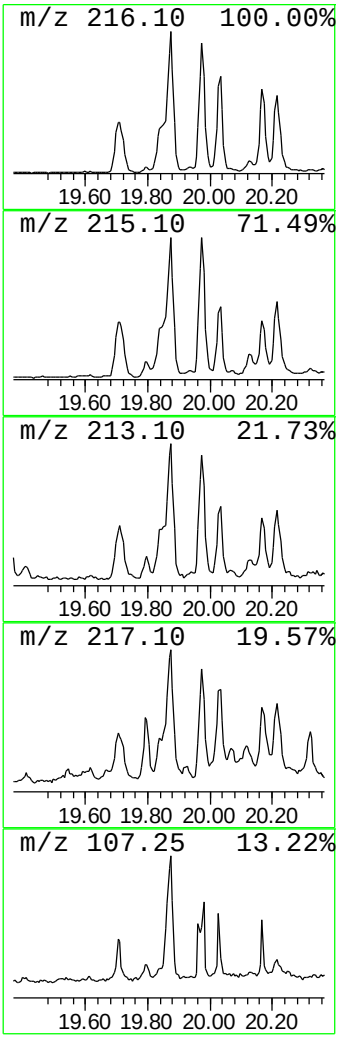
Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.78 ng/ul	601754	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Library Search Compound Report

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Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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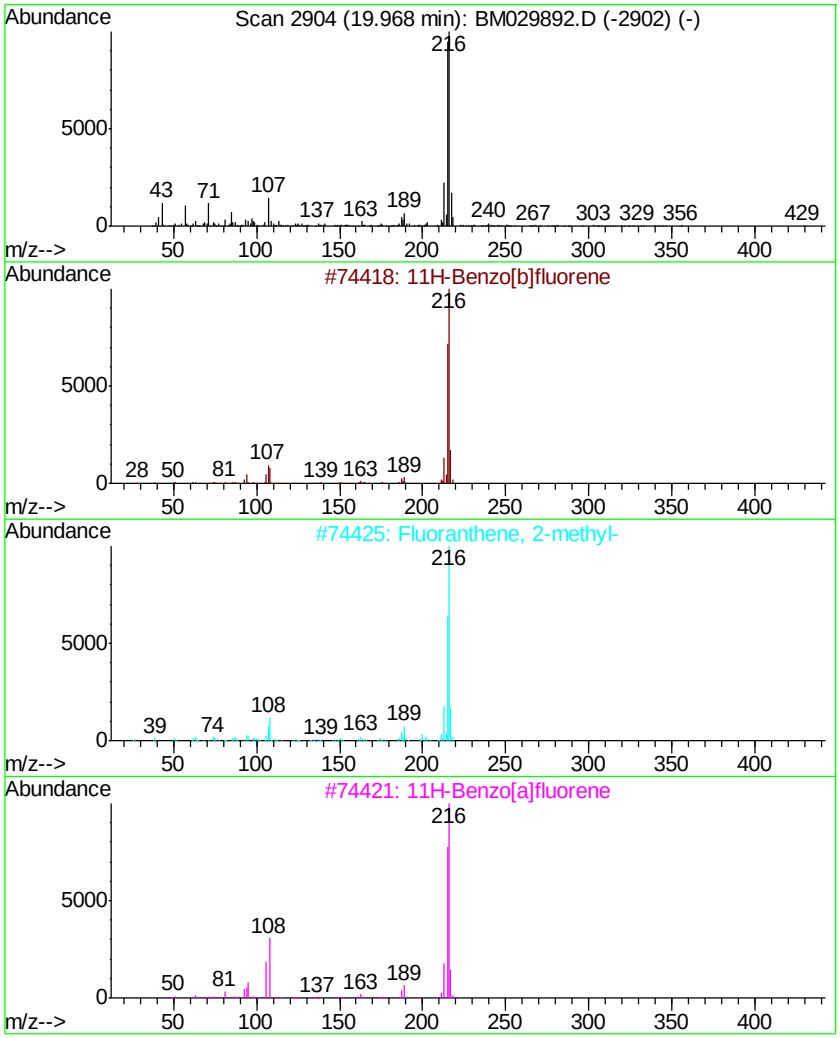
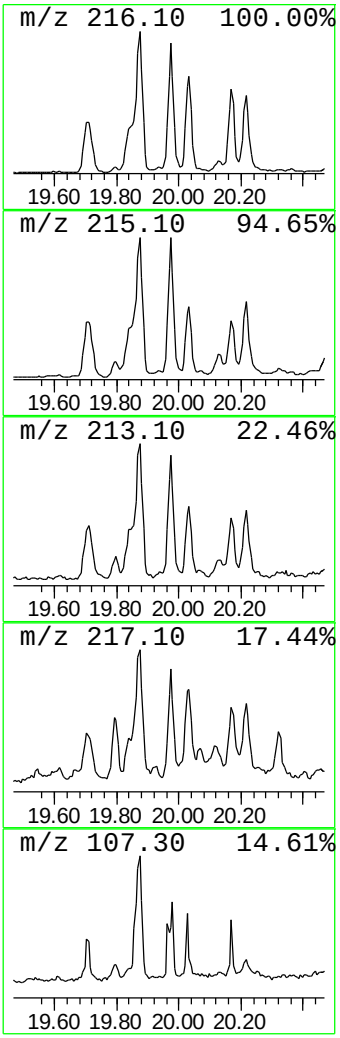
Peak Number 24 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.88 ng/ul	623850	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

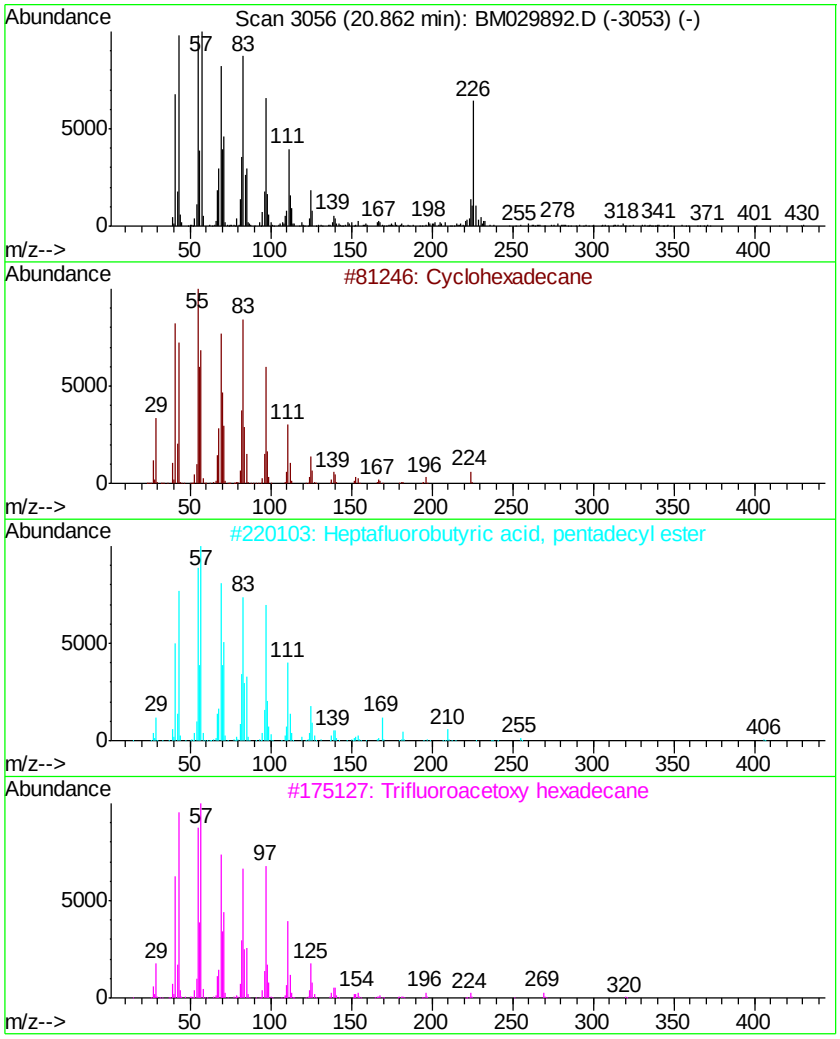
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

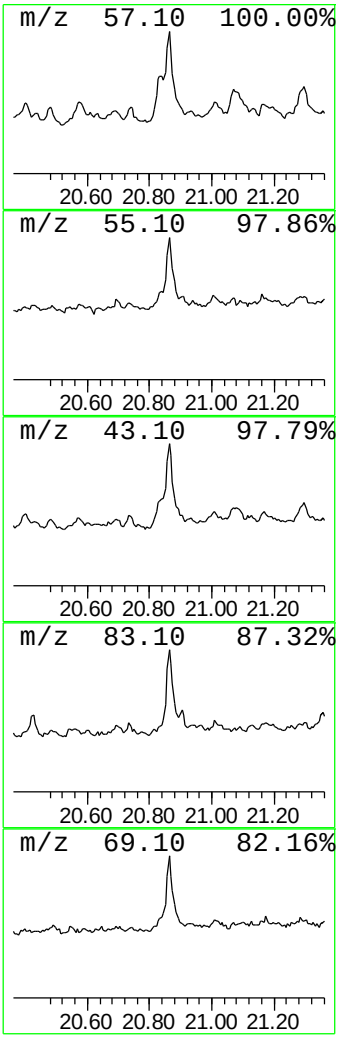
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic20.86 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.08 ng/ul	884444	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	89





Tentatively Identified Compound (LSC) summary

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Acq On : 08 May 2021 01:11
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	11.36	5.3	ng/ul	400627	2	10.33	1520860	20.0
(DEL) Alkane: Str...	12.74	3.9	ng/ul	428588	3	14.20	2223520	20.0
Naphthalene, 1,6-...	13.38	2.5	ng/ul	277439	3	14.20	2223520	20.0
Naphthalene, 2,3-...	13.52	3.0	ng/ul	330674	3	14.20	2223520	20.0
(DEL) Alkane: Str...	14.74	2.2	ng/ul	244033	3	14.20	2223520	20.0
(DEL) Alkane: Str...	15.96	12.2	ng/ul	1546910	4	16.95	2547180	20.0
(DEL) Alkane: Str...	16.77	11.3	ng/ul	1433900	4	16.95	2547180	20.0
(DEL) Alkane: Str...	17.38	3.0	ng/ul	376344	4	16.95	2547180	20.0
Phenanthrene, 2-m...	17.82	5.1	ng/ul	653086	4	16.95	2547180	20.0
Anthracene, 2-met...	17.87	9.7	ng/ul	1229460	4	16.95	2547180	20.0
Naphtho[2,3-b]nor...	17.96	3.9	ng/ul	496091	4	16.95	2547180	20.0
4H-Cyclopenta[def...	18.02	11.8	ng/ul	1495860	4	16.95	2547180	20.0
Anthracene, 9-met...	18.06	5.5	ng/ul	701273	4	16.95	2547180	20.0
3,5-Dichlorobenzy...	18.23	5.2	ng/ul	658193	4	16.95	2547180	20.0
18-Norabietane	18.42	19.5	ng/ul	2479650	4	16.95	2547180	20.0
4b,8-Dimethyl-2-i...	18.57	11.1	ng/ul	1408770	4	16.95	2547180	20.0
Phenanthrene, 3,6...	18.62	3.3	ng/ul	425110	4	16.95	2547180	20.0
Phenanthrene, 2,5...	18.75	3.2	ng/ul	406277	4	16.95	2547180	20.0
1,4-Diphenyl-1,3-...	18.84	2.8	ng/ul	358715	4	16.95	2547180	20.0
10,18-Bisnorabiet...	19.07	7.0	ng/ul	1512490	5	21.13	4333530	20.0
(DEL) Alkane: Str...	19.54	2.4	ng/ul	522272	5	21.13	4333530	20.0
Retene	19.79	5.3	ng/ul	1137460	5	21.13	4333530	20.0
11H-Benzo[b]fluorene	19.87	2.8	ng/ul	601754	5	21.13	4333530	20.0
Fluoranthene, 2-m...	19.97	2.9	ng/ul	623850	5	21.13	4333530	20.0
(DEL) Alkane: Cyc...	20.86	4.1	ng/ul	884444	5	21.13	4333530	20.0