LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 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-BM050421.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	6.751	653	657	670	rVB2	162781	318520	8.82%	0.833%
2	6.910	679	684	694	rVB3	204552	392364	10.87%	1.026%
3	7.104	712	717	729	rVB	186770	363883	10.08%	0.951%
4	7.563	789	795	803	rVB	326605	545898	15.12%	1.427%
5	8.287	912	918	925	rBV	154789	303144	8.40%	0.792%
6	8.722	986	992	1005	rVB	134531	280286	7.76%	0.733%
7	8.898	1020	1022	1029	rVB5	20509	39791	1.10%	0.104%
8	9.204	1069	1074	1078	rVV3	18744	28037	0.78%	0.073%
9	9.263	1079	1084	1090	rVB7	19342	33112	0.92%	0.087%
10	9.440	1108	1114	1124	rBV3	106746	256391	7.10%	0.670%
11	9.522	1124	1128	1135	rVB6	26002	49470	1.37%	0.129%
12	9.940	1193	1199	1201	rBV7	13610	25465	0.71%	0.067%
13	9.981	1201	1206	1221	rVV	136755	311724	8.63%	0.815%
14	10.204	1240	1244	1247	rBV6	14829	21802	0.60%	0.057%
15	10.339	1254	1267	1273	rBV	466758	816073	22.60%	2.133%
16	10.387	1273	1275	1284	rVB2	39659	75675	2.10%	0.198%
17	10.504	1288	1295	1303	rBV3	139126	313511	8.68%	0.819%
18	10.628	1313	1316	1324	rVB7	15662	33892	0.94%	0.089%
19	10.739	1330	1335	1340	rVV6	11282	22459	0.62%	0.059%
20	10.828	1345	1350	1355	rVV3	22588	35471	0.98%	0.093%
21	11.010	1375	1381	1383	rBV3	23720	36615	1.01%	0.096%
22	11.039	1383	1386	1391	rVB	29504	44202	1.22%	0.116%
23	11.369	1437	1442	1462	rVB	117900	260721	7.22%	0.681%
24	11.528	1462	1469	1473	rBV9	13382	23676	0.66%	0.062%
25	11.628	1479	1486	1490	rBV8	25661	45990	1.27%	0.120%
26	11.698	1490	1498	1503	rBV7	12952	25454	0.70%	0.067%
27	11.875	1522	1528	1531	rVV8	10497	23935	0.66%	0.063%
28	11.916	1532	1535	1538	rVV5	17088	22692	0.63%	0.059%
29	12.010	1544	1551	1559	rVB3	65667	138635	3.84%	0.362%
30	12.233	1583	1589	1598	rBV	73260	139483	3.86%	0.365%
31	12.422	1612	1621	1625	rBV8	17464	46283	1.28%	0.121%
32	12.481	1625	1631	1636	rVB4	36528	68451	1.90%	0.179%
33	12.698	1664	1668	1671	rBV5	18648	34933	0.97%	0.091%
34	12.751	1671	1677	1681	rVV	155814	231616	6.41%	0.605%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 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-BM050421.M
Title : SVOA CALIBRATION

35	12.792	1682	1684	1694	rVB10	13133	26470	0.73%	0.069%
36	13.016	1718	1722	1725	rBV4	25461	37247	1.03%	0.097%
37	13.063	1726	1730	1733	rVB2	35982	46024	1.27%	0.120%
38	13.133	1738	1742	1746	rVV3	24076	29390	0.81%	0.077%
39	13.204	1751	1754	1757	rVB4	18699	22795	0.63%	0.060%
40	13.245	1757	1761	1763	rBV2	18548	28631	0.79%	0.075%
41	13.386	1776	1785	1789	rBV5	51999	141731	3.93%	0.370%
42	13.533	1804	1810	1815	rBV3	82931	167642	4.64%	0.438%
43	13.580	1815	1818	1821	rVV	44424	69612	1.93%	0.182%
44	13.628	1821	1826	1832	rVV	426086	648163	17.95%	1.694%
45	13.704	1832	1839	1843	rVV3	198621	342475	9.49%	0.895%
46	13.769	1843	1850	1854	rVB5	43706	76106	2.11%	0.199%
47	13.904	1865	1873	1883	rBV	539886	960747	26.61%	2.511%
48	14.069	1898	1901	1905	rVB4	23748	30579	0.85%	0.080%
49	14.210	1915	1925	1931	rBV	705308	1120308	31.03%	2.928%
50	14.275	1932	1936	1946	rVB	128335	210844	5.84%	0.551%
51	14.457	1957	1967	1972	rBV6	31672	91157	2.52%	0.238%
52	14.627	1991	1996	2000	rVB2	61628	102608	2.84%	0.268%
53	14.692	2004	2007	2012	rVB2	48832	65546	1.82%	0.171%
54	14.751	2012	2017	2021	rBV3	83495	118136	3.27%	0.309%
55	14.839	2025	2032	2036	rBV3	39176	89952	2.49%	0.235%
56	14.986	2052	2057	2058	rBV2	42983	56228	1.56%	0.147%
57	15.039	2065	2066	2072	rVB6	16468	22557	0.62%	0.059%
58	15.210	2090	2095	2100	rVB	736730	1002452	27.76%	2.620%
59	15.263	2100	2104	2108	rBV2	102125	150755	4.18%	0.394%
60	15.351	2116	2119	2123	rBV3	34592	49482	1.37%	0.129%
61	15.427	2129	2132	2135	rBV4	20386	28355	0.79%	0.074%
62	15.486	2136	2142	2151	rVV	324808	552286	15.30%	1.443%
63	15.563	2152	2155	2164	rVB7	47928	121393	3.36%	0.317%
64	15.645	2164	2169	2172	rBV5	23478	44598	1.24%	0.117%
65	15.692	2172	2177	2187	rVB6	39801	97762	2.71%	0.256%
66	15.869	2204	2207	2210	rBV4	20430	30428	0.84%	0.080%
67	15.969	2216	2224	2234	rBV	434313	746410	20.67%	1.951%
68	16.274	2269	2276	2280	rBV4	62535	149739	4.15%	0.391%
69	16.316	2280	2283	2286	rBV3	54650	71589	1.98%	0.187%
70	16.786	2358	2363	2370	rVB2	406170	618624	17.13%	1.617%
71	16.957	2387	2392	2396	rBV	839650	1227958	34.01%	3.209%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 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-BM050421.M
Title : SVOA CALIBRATION

72	16.998	2396	2399	2404	rVB	711987	940161	26.04%	2.457%
73	17.057	2404	2409	2413	rBV	846817	1217179	33.71%	3.181%
74	17.386	2462	2465	2471	rVB	111293	167630	4.64%	0.438%
75	17.539	2488	2491	2501	rVB4	81367	171954	4.76%	0.449%
76	17.833	2537	2541	2544	rBV	230712	304400	8.43%	0.796%
77	17.880	2545	2549	2557	rVB	253779	430548	11.92%	1.125%
78	17.963	2560	2563	2568	rVV2	136153	235715	6.53%	0.616%
79	18.021	2568	2573	2578	rVV2	369723	728641	20.18%	1.904%
80	18.063	2578	2580	2586	rVB2	220931	309822	8.58%	0.810%
81	18.245	2607	2611	2620	rVB6	171134	327206	9.06%	0.855%
82	18.339	2624	2627	2632	rVB	94233	130752	3.62%	0.342%
83	18.433	2638	2643	2651	rBV	858877	1215638	33.67%	3.177%
84	18.580	2664	2668	2673	rVB2	518154	642641	17.80%	1.680%
85	18.627	2673	2676	2682	rBV2	123171	177173	4.91%	0.463%
86	18.757	2695	2698	2702	rVB	152345	207643	5.75%	0.543%
87	19.021	2738	2743	2748	rBV	804124	1060317	29.37%	2.771%
88	19.080	2749	2753	2758	rVB	569613	749790	20.77%	1.960%
89	19.357	2795	2800	2802	rBV	1265862	1787512	49.51%	4.672%
90	19.380	2802	2804	2810	rVB	963419	1214712	33.64%	3.175%
91	19.557	2831	2834	2838	rBV4	114982	171203	4.74%	0.447%
92	19.804	2873	2876	2880	rVB	466142	521012	14.43%	1.362%
93	19.880	2887	2889	2893	rVB	257506	285160	7.90%	0.745%
94	19.980	2903	2906	2910	rVB2	251109	310283	8.59%	0.811%
95	21.145	3098	3104	3107	rBV2	1324712	2250642	62.34%	5.882%
96	21.180	3107	3110	3120	rVB	556944	867232	24.02%	2.267%
97	22.662	3359	3362	3367	rBV2	291878	468321	12.97%	1.224%
98	23.168	3444	3448	3452	rBV2	863030	1393399	38.59%	3.642%
99	23.309	3466	3472	3477	rVB2	870526	1556996	43.12%	4.069%
100	25.456	3830	3837	3851	rBV4	1388217	3610540	100.00%	9.437%

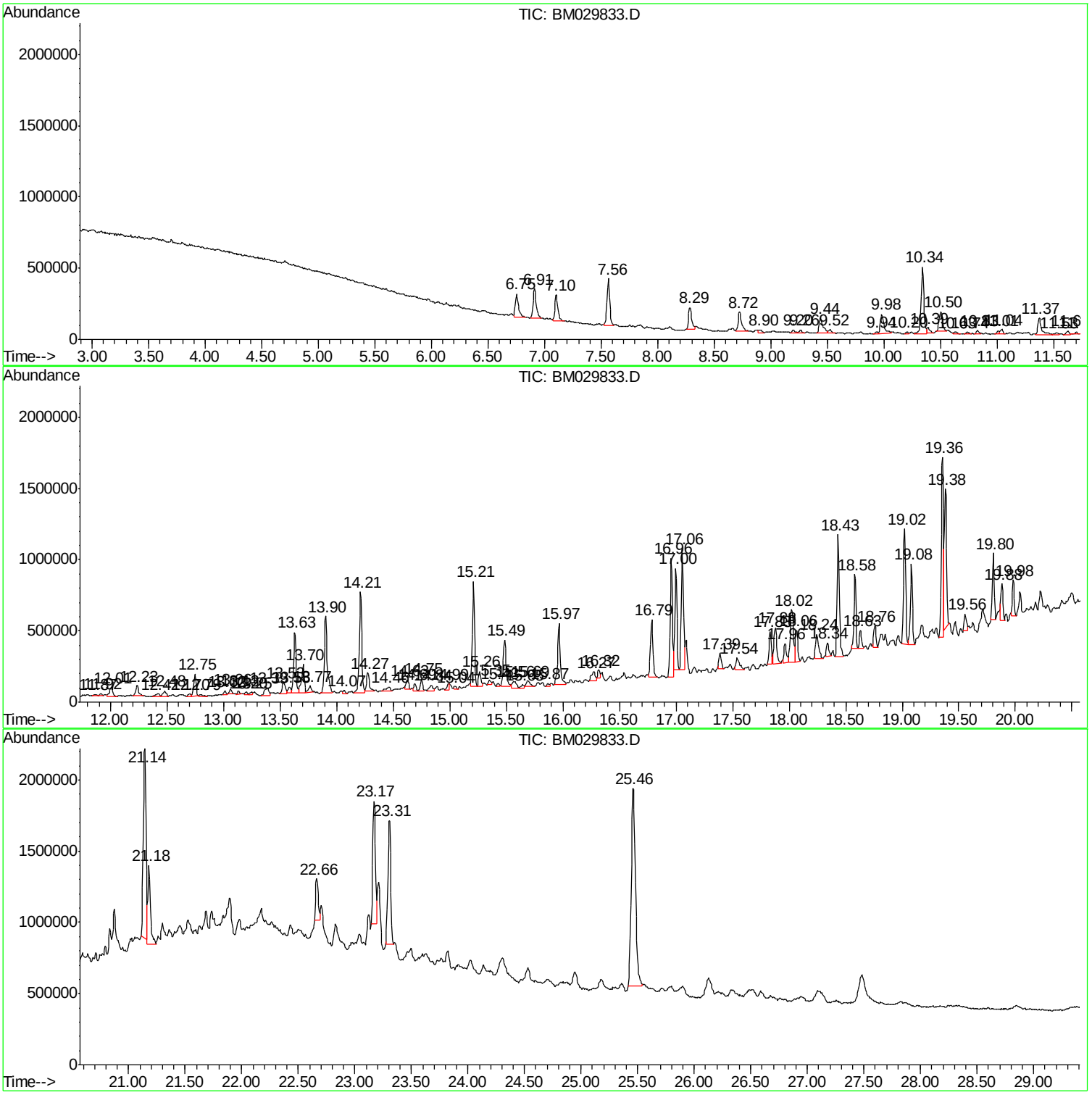
Sum of corrected areas: 38260655

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

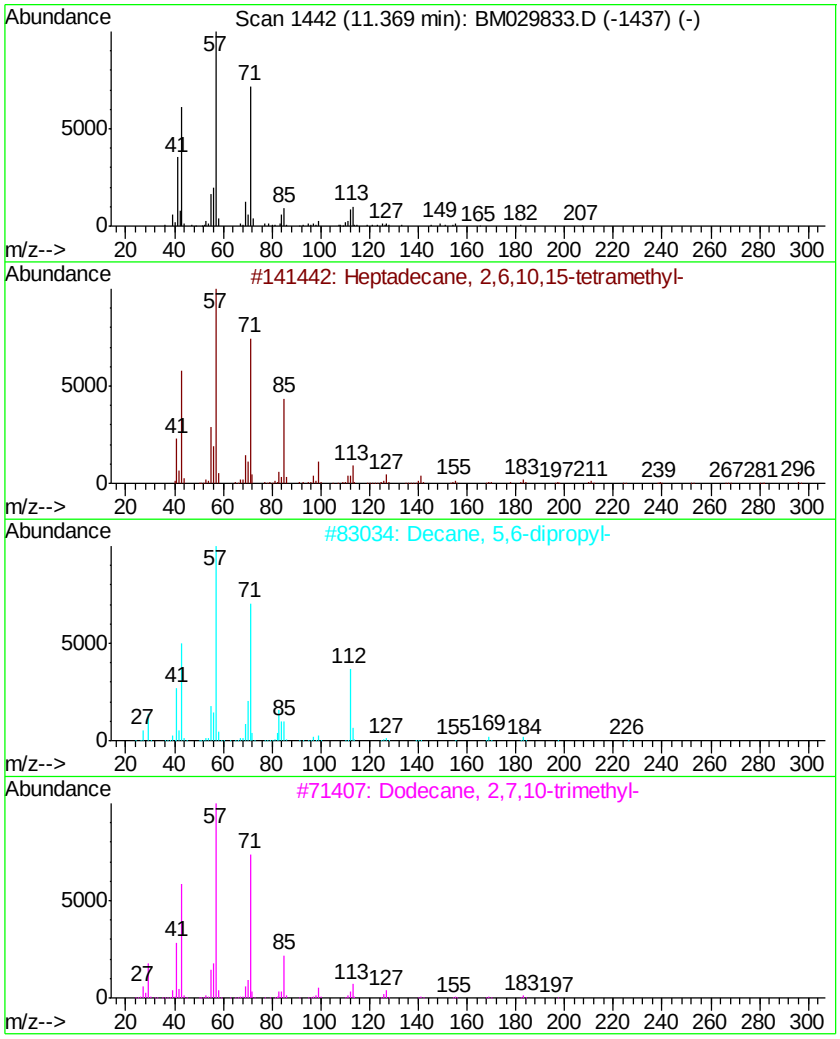
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

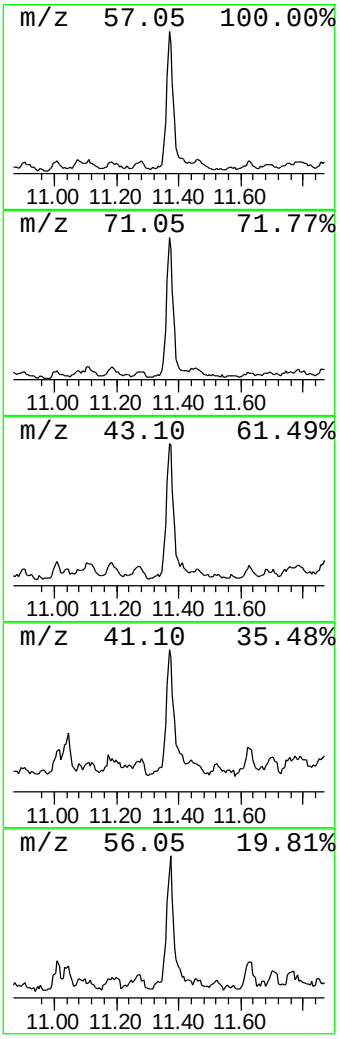
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	6.39 ng/ul	260721	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

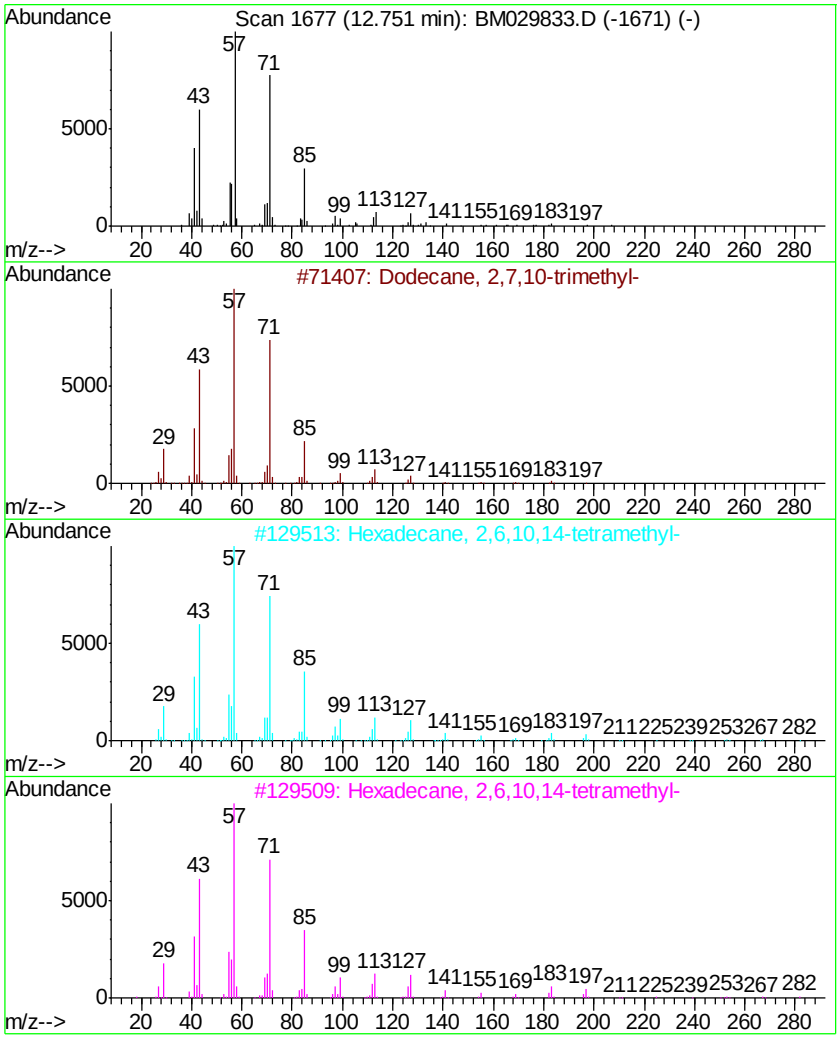
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

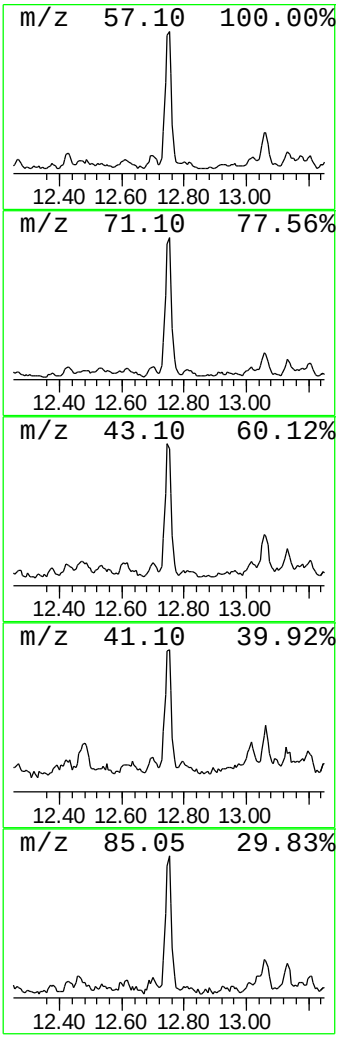
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	4.13 ng/ul	231616	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

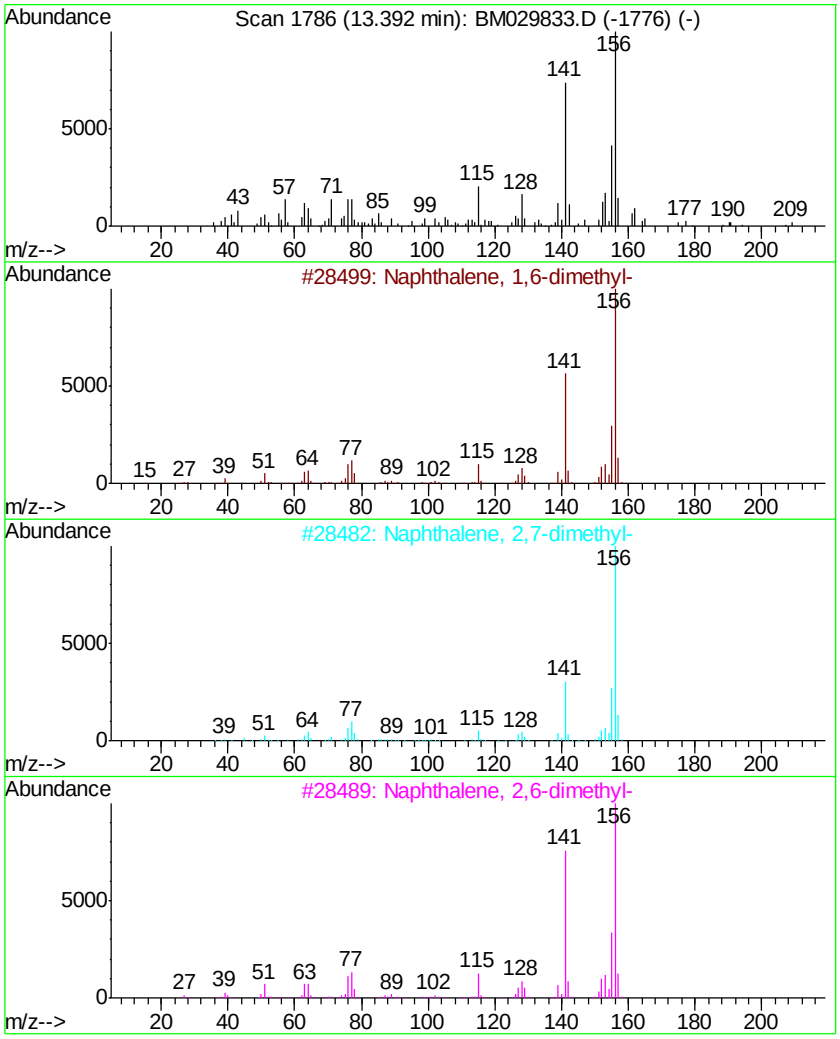
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

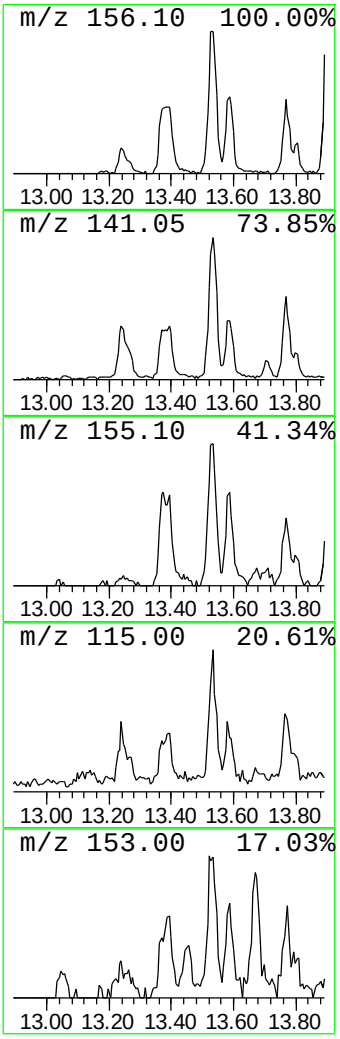
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.53 ng/ul	141731	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

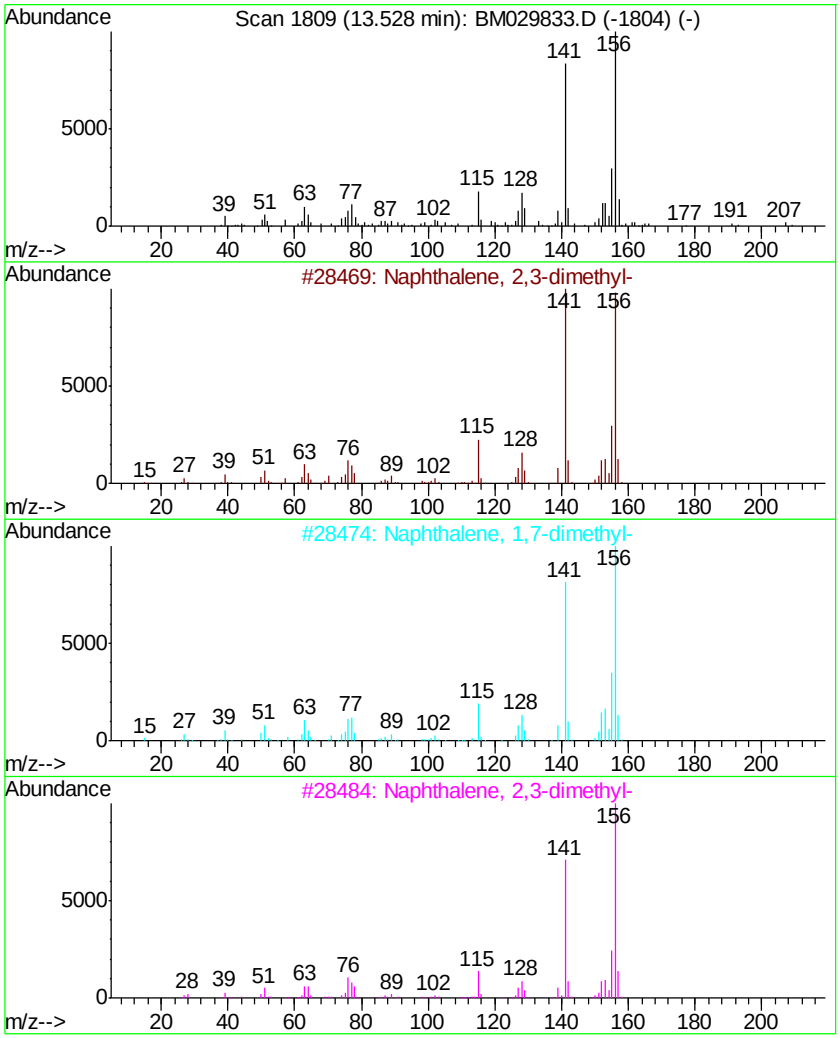
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

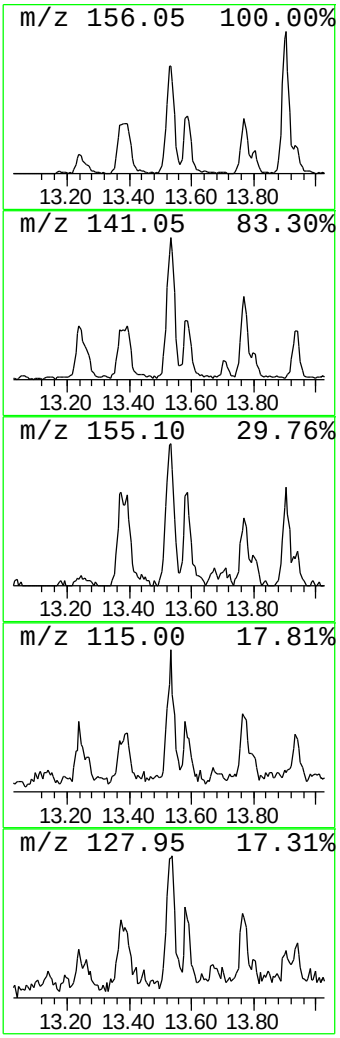
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.99 ng/ul	167642	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

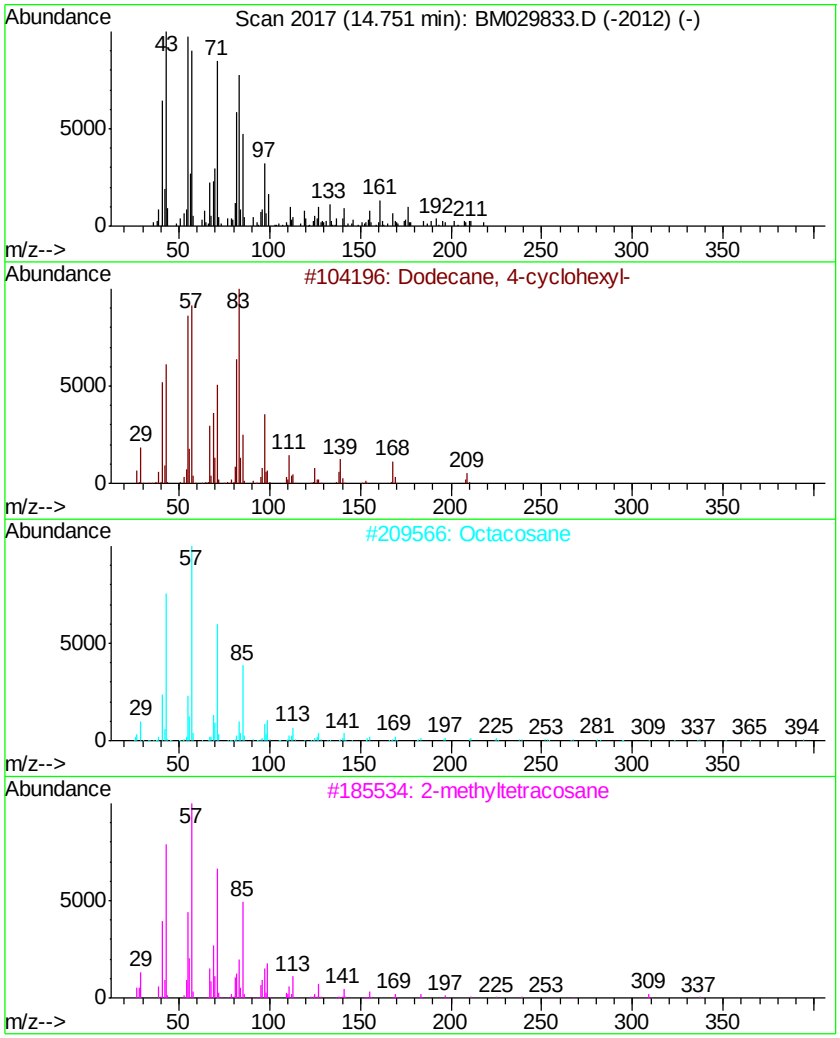
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

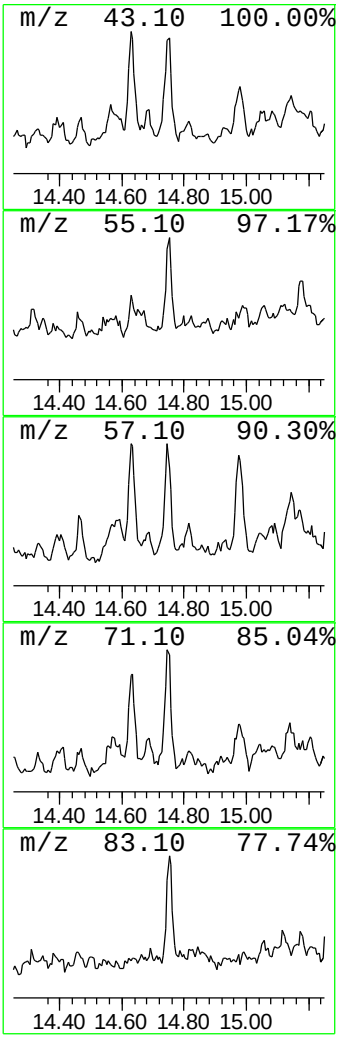
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.11 ng/ul	118136	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-cyclohexyl-	252	C18H36	013151-84-3	46
2	Octacosane	394	C28H58	000630-02-4	43
3	2-methyltetracosane	352	C25H52	1000376-72-6	43
4	Heptacosane	380	C27H56	000593-49-7	43
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	42





Library Search Compound Report

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Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 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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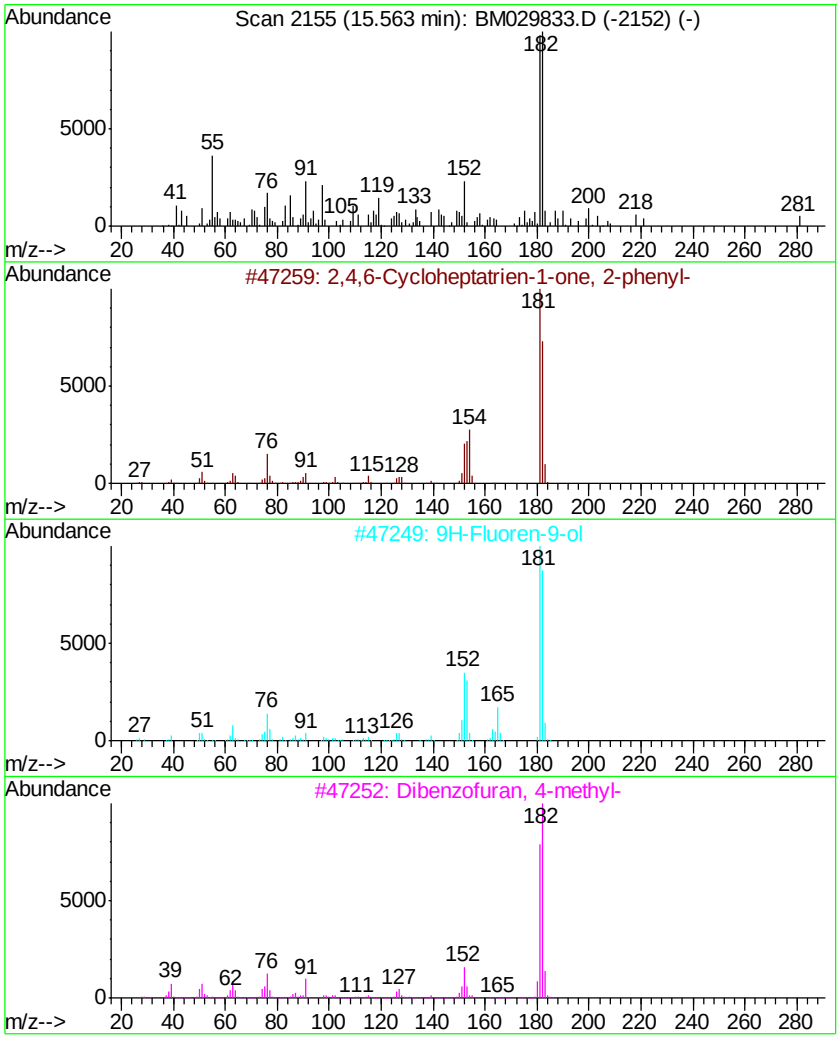
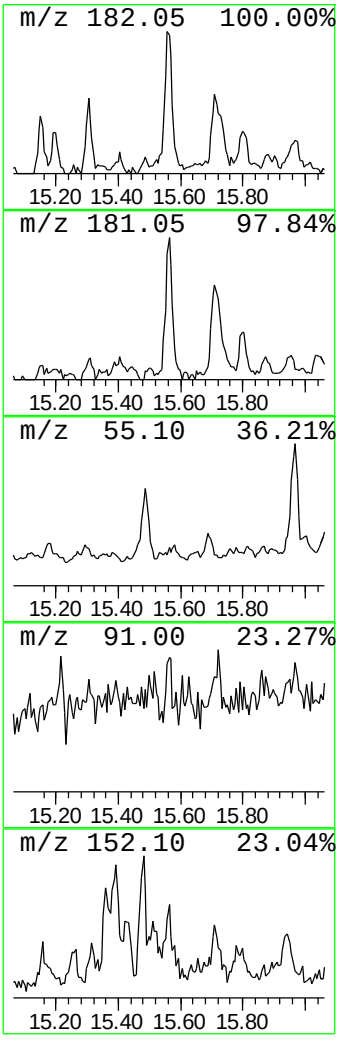
Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.17 ng/ul	121393	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	53
4	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	50
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	45





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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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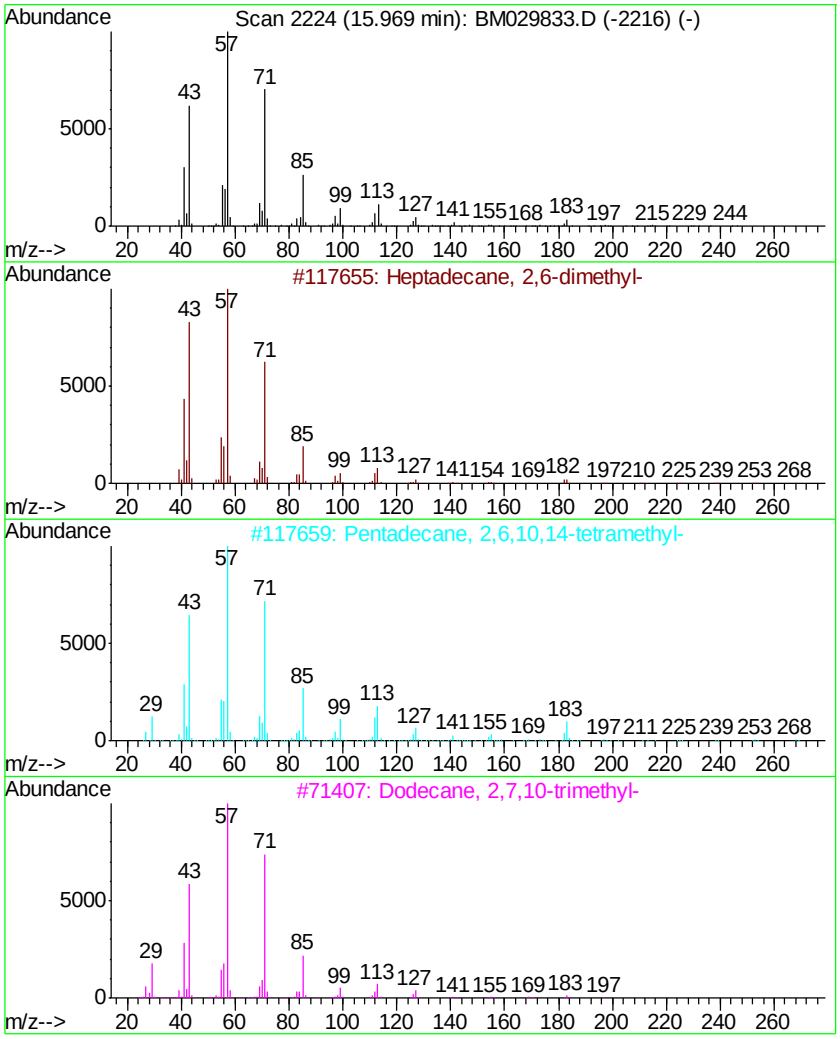
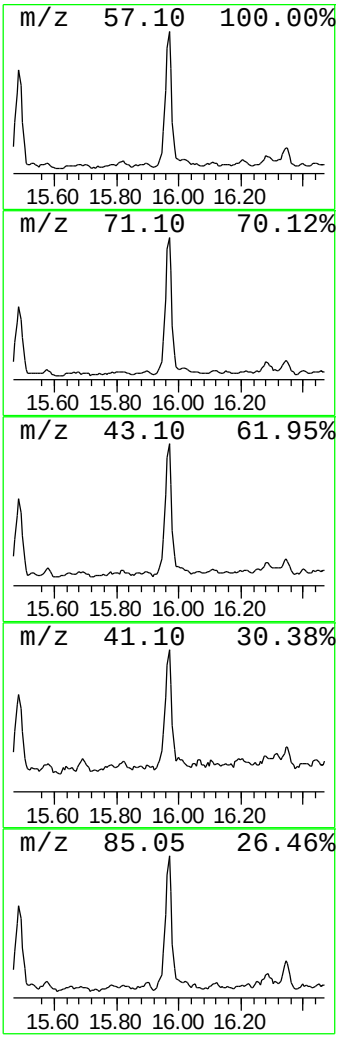
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	12.16 ng/ul	746410	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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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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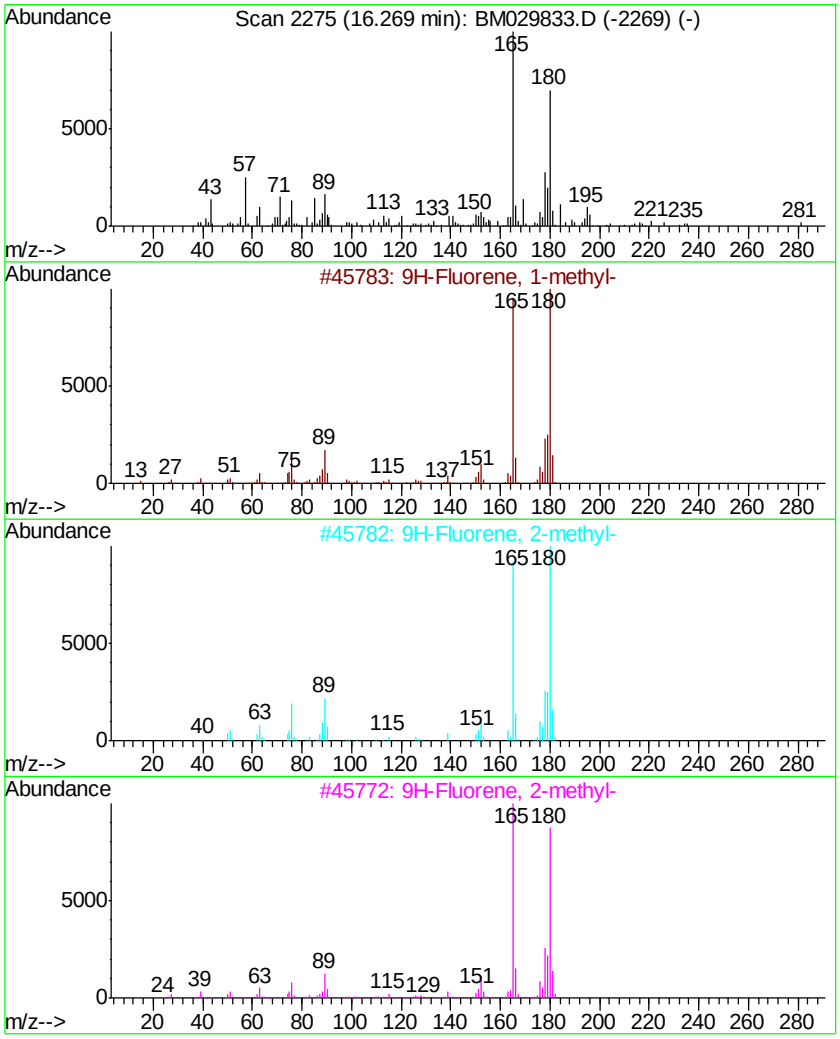
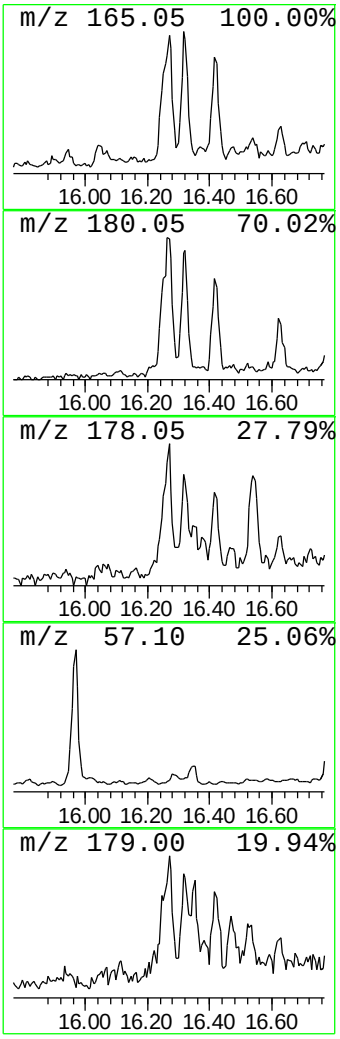
Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.44 ng/ul	149739	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70





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Quant Title : SVOA CALIBRATION

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

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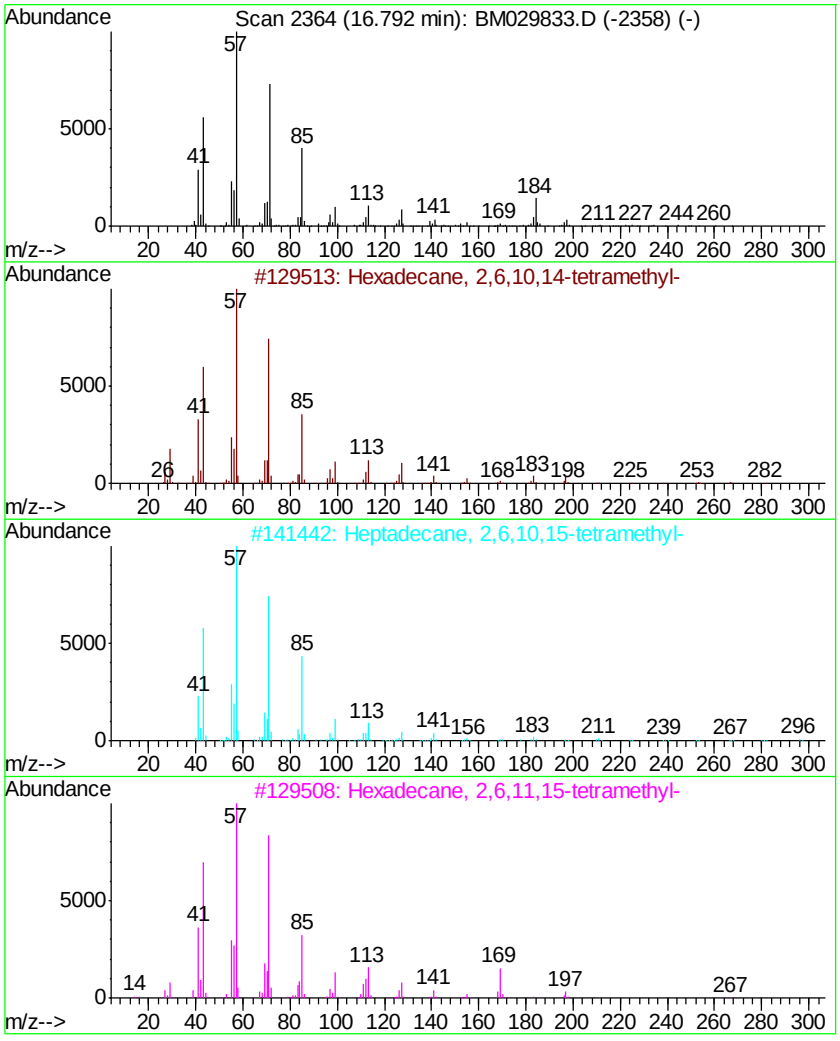
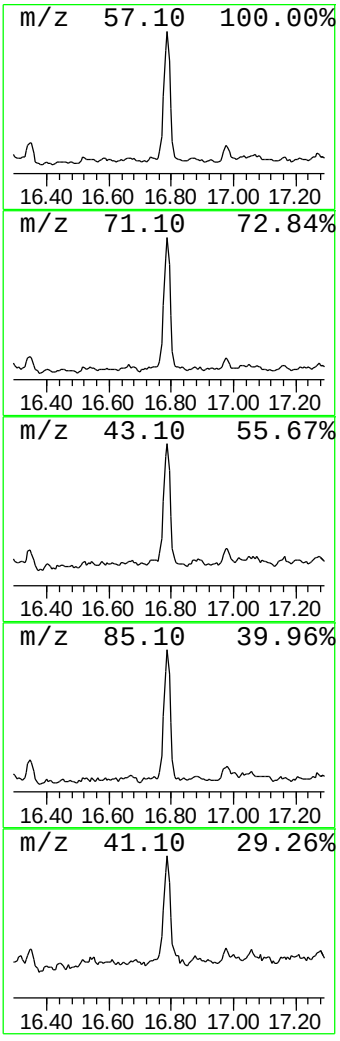
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	10.08 ng/ul	618624	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72





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Quant Title : SVOA CALIBRATION

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

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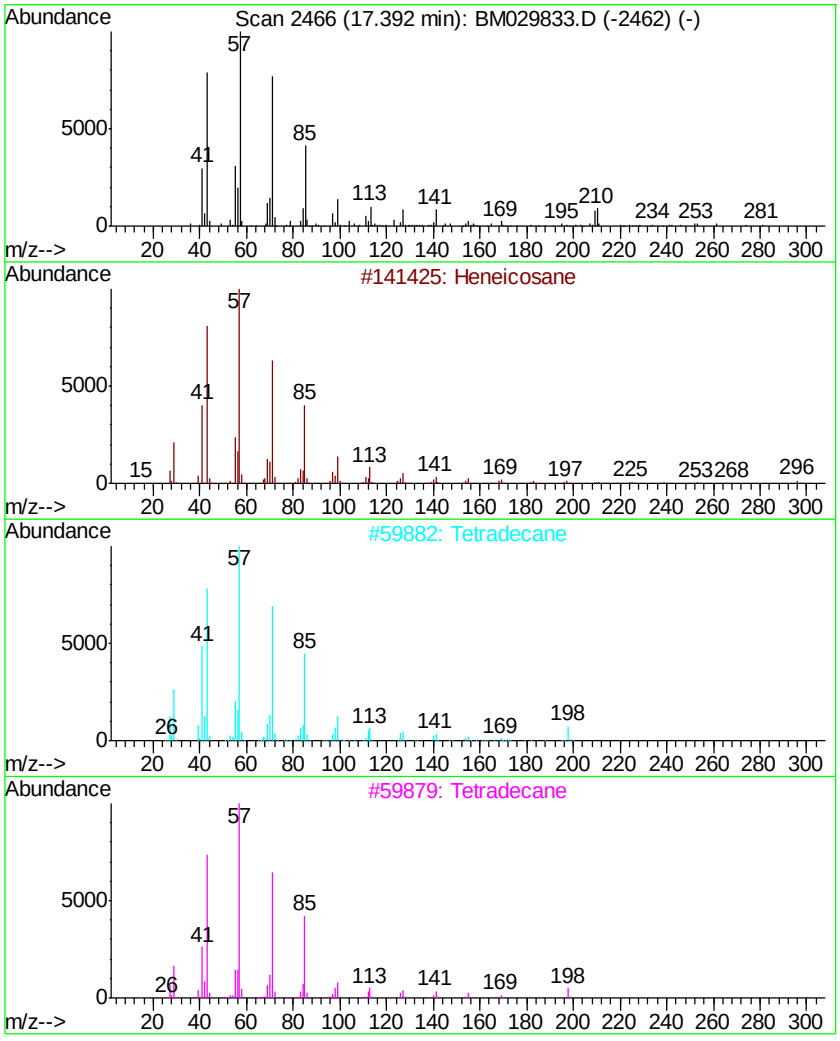
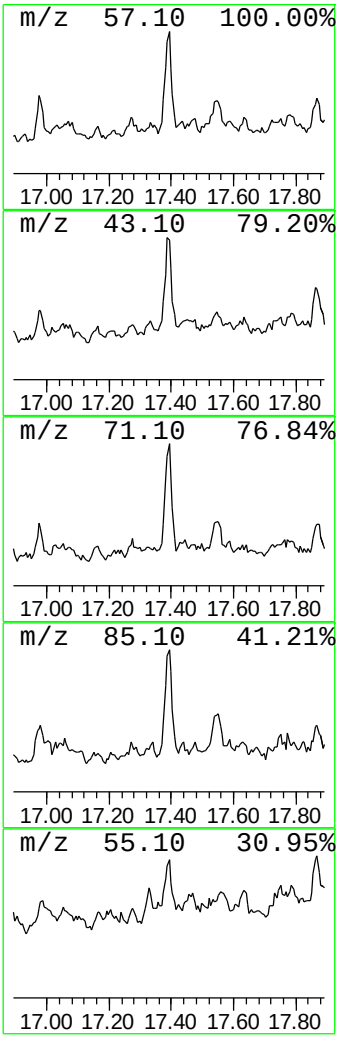
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	2.73 ng/ul	167630	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





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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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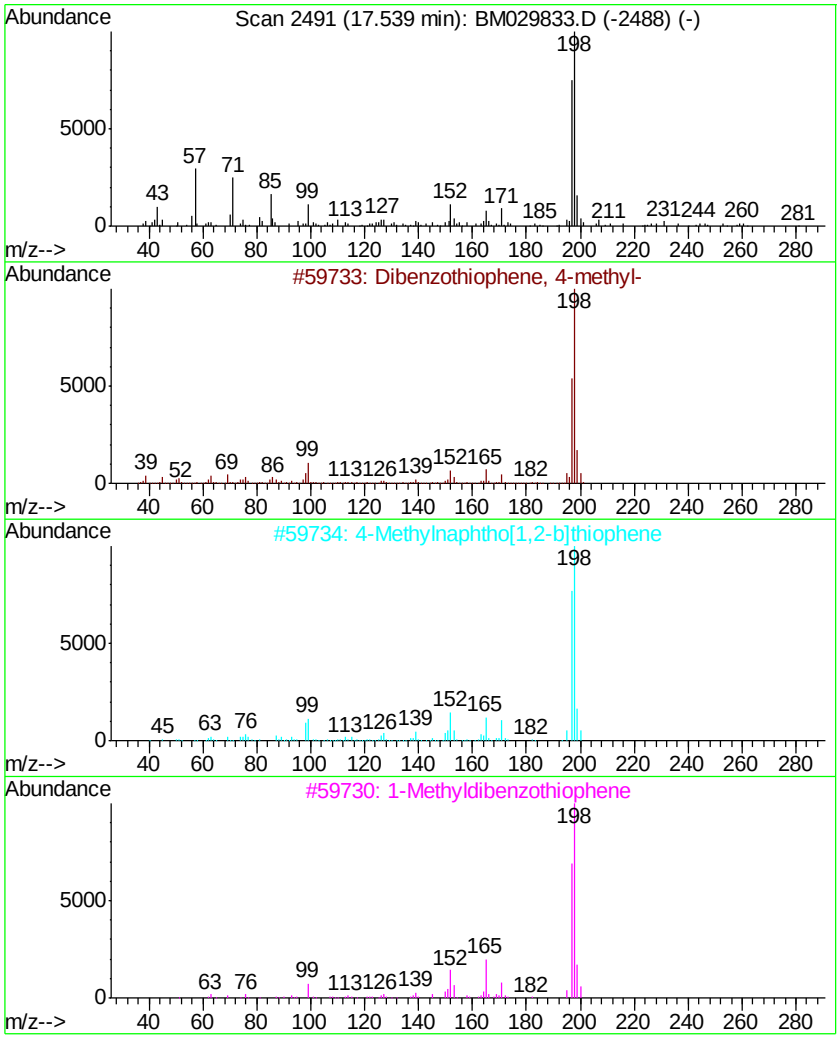
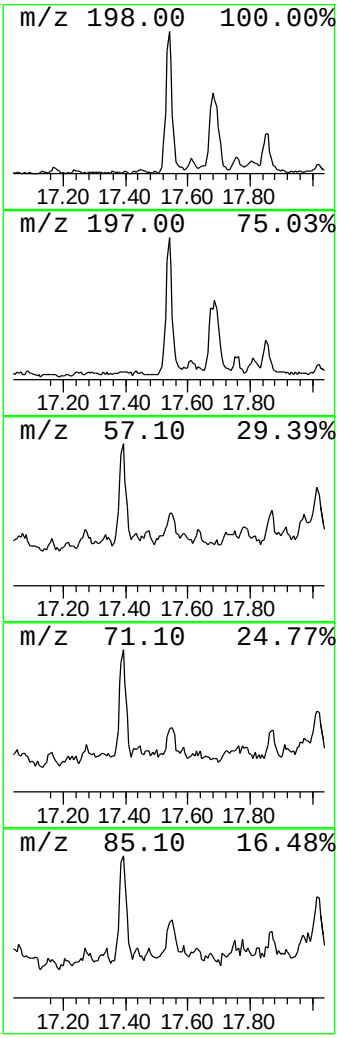
Peak Number 11 Dibenzothiophene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.80 ng/ul	171954	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	74
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	72
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64





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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

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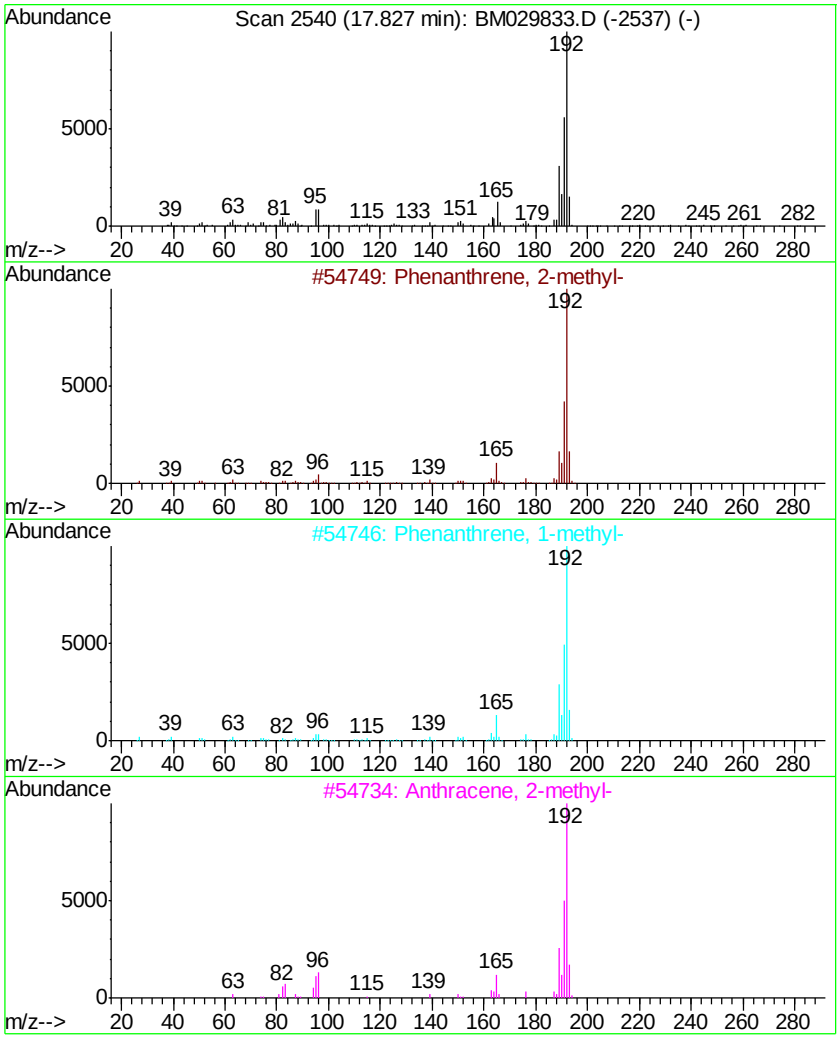
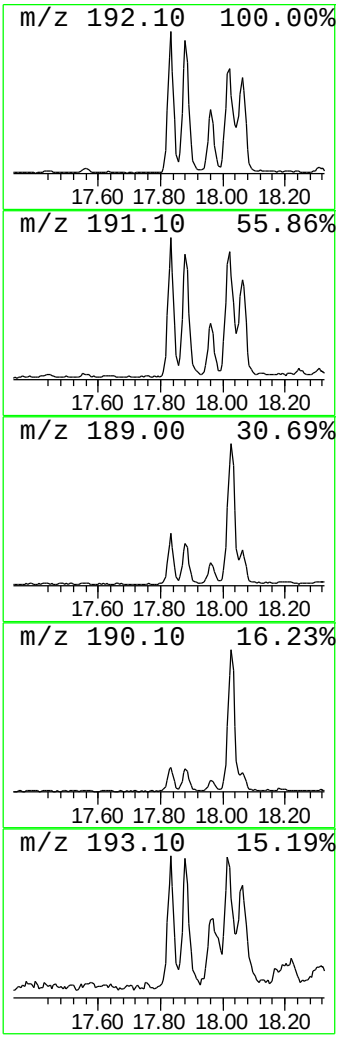
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.96 ng/ul	304400	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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

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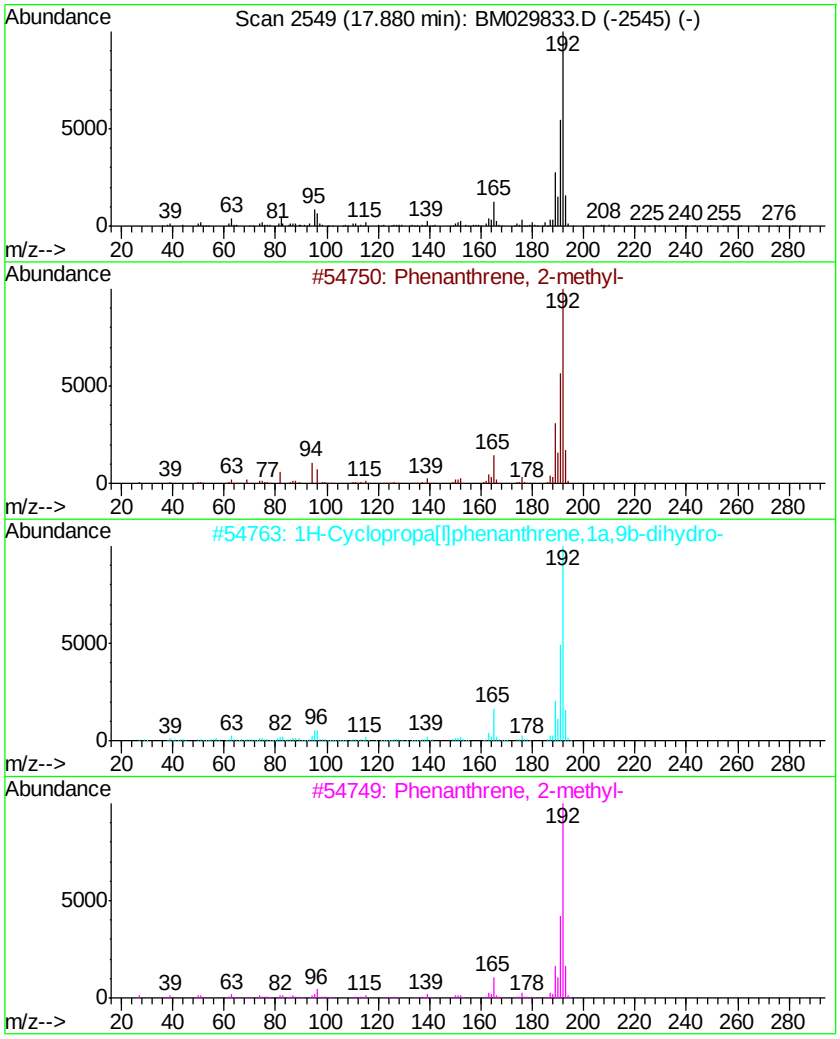
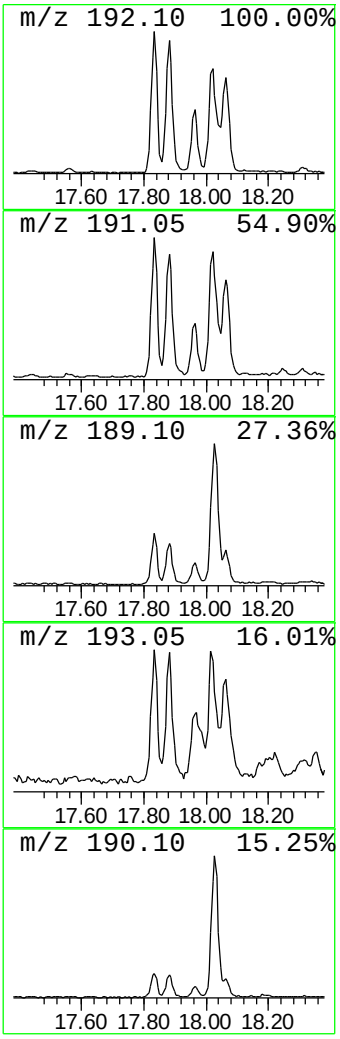
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	7.01 ng/ul	430548	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Quant Title : SVOA CALIBRATION

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

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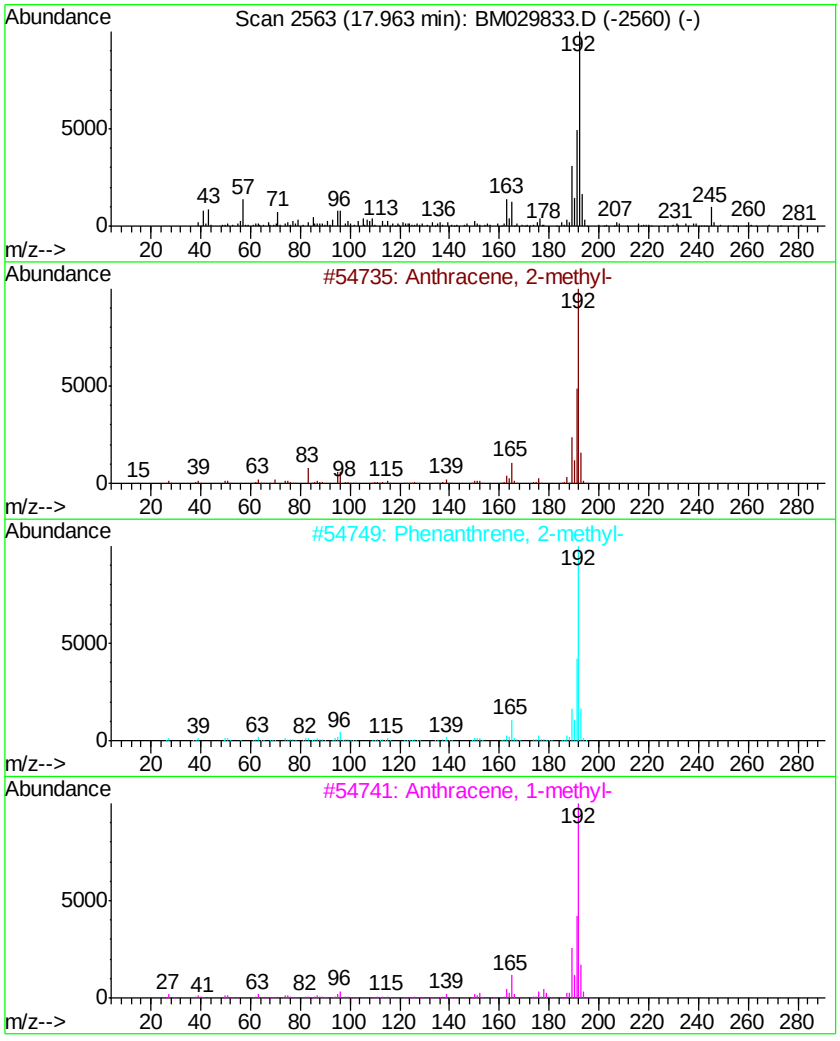
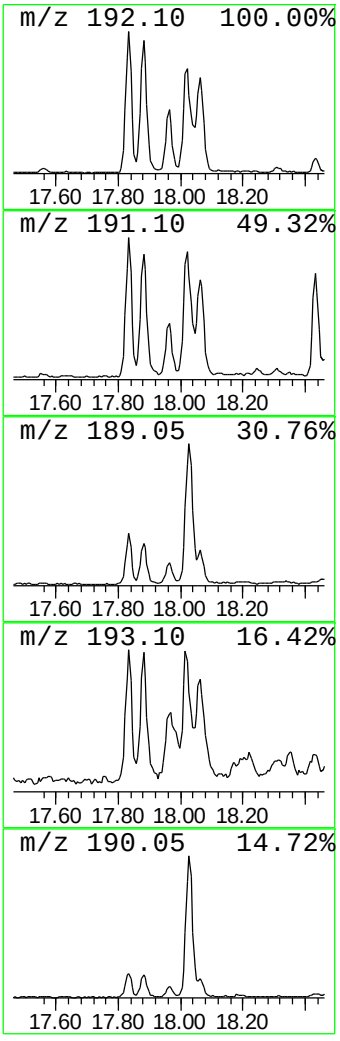
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.84 ng/ul	235715	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Quant Title : SVOA CALIBRATION

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

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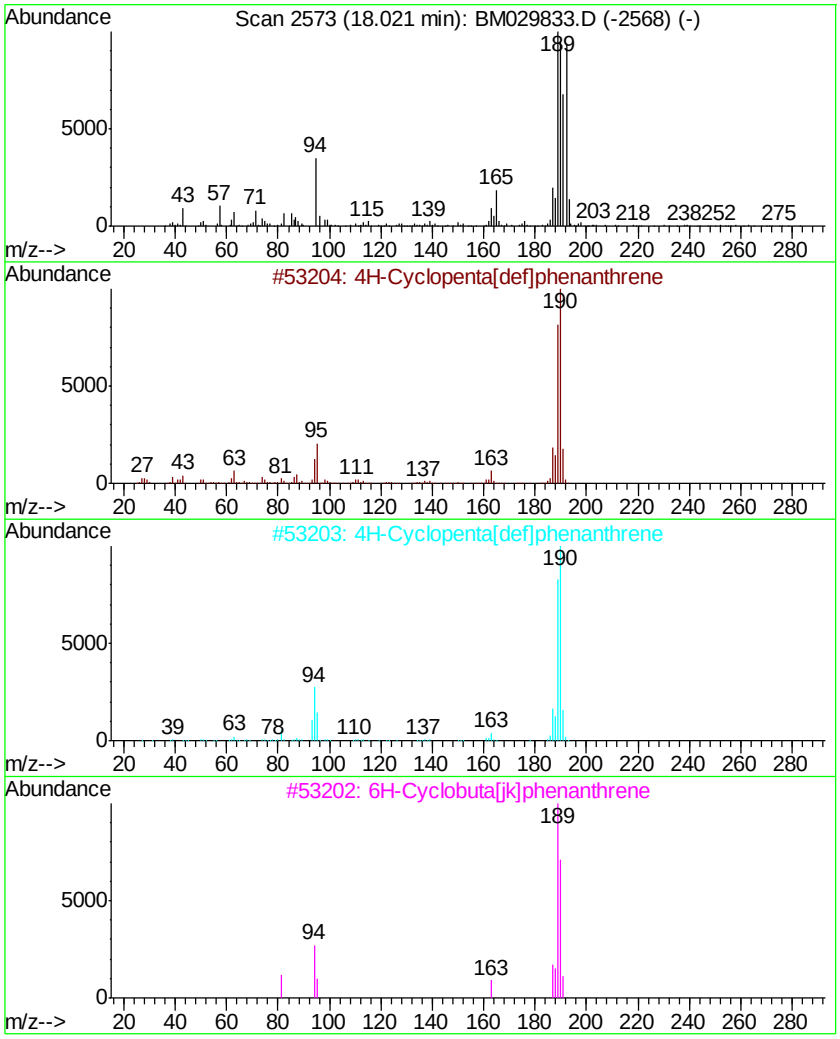
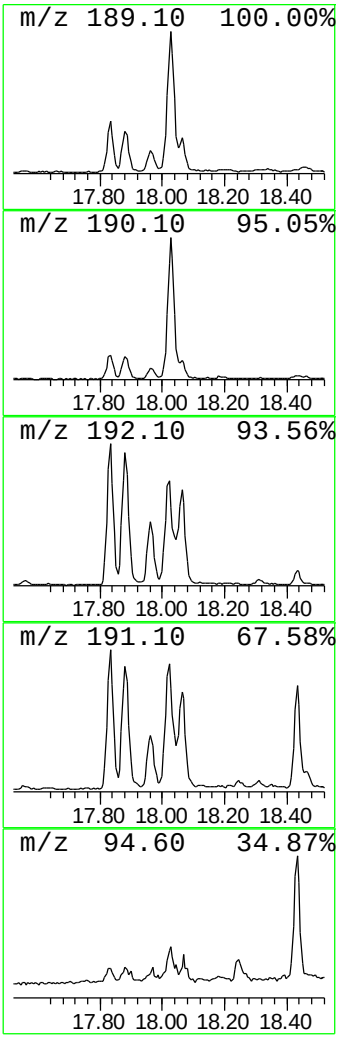
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	11.87 ng/ul	728641	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Quant Title : SVOA CALIBRATION

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

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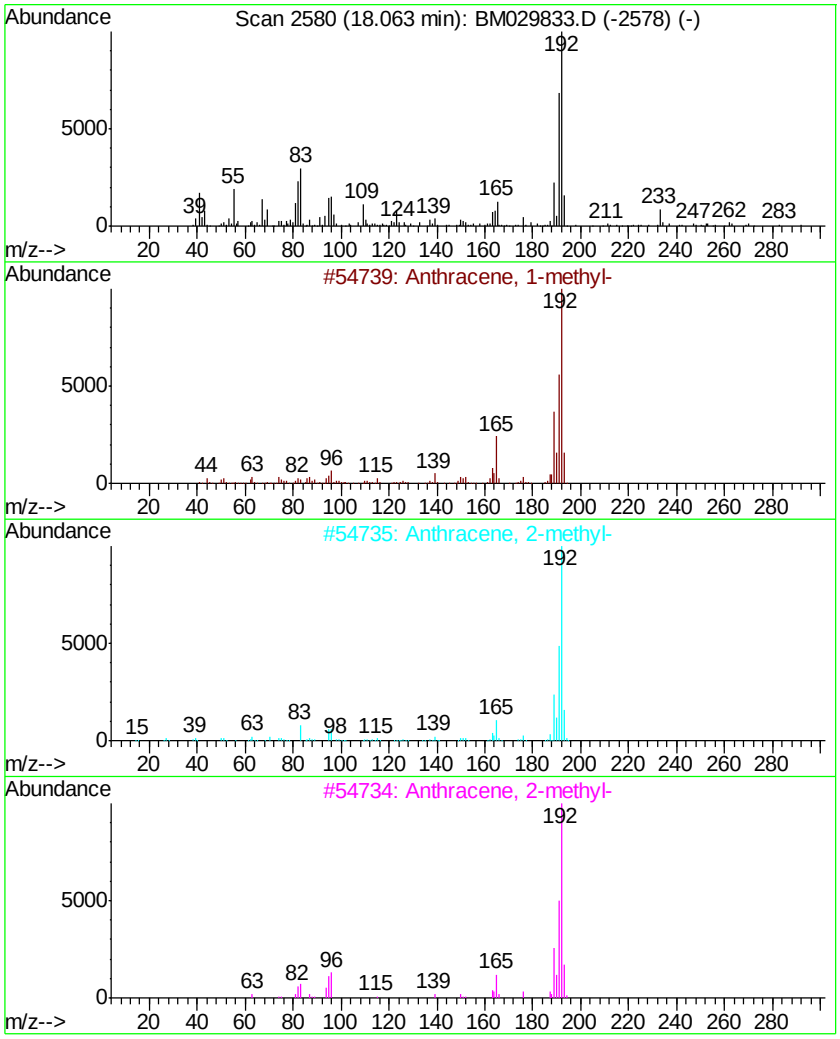
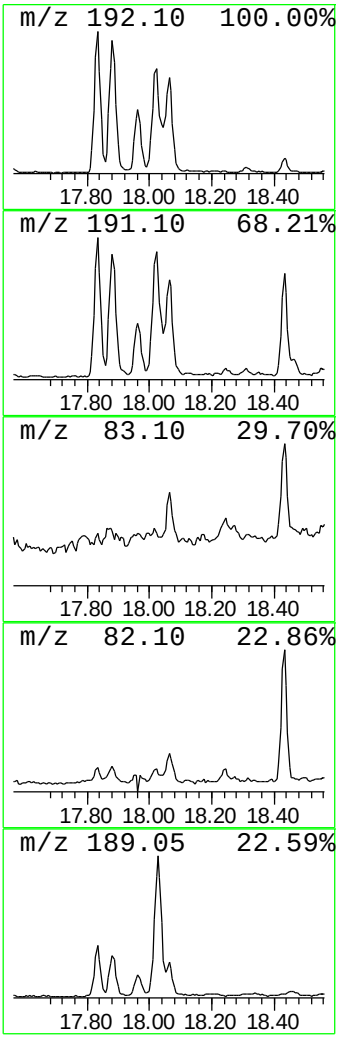
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.05 ng/ul	309822	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





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Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

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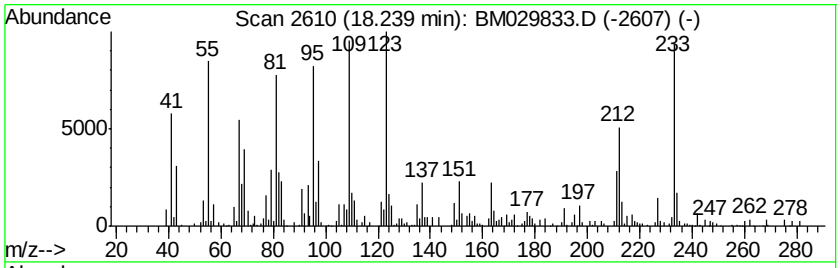
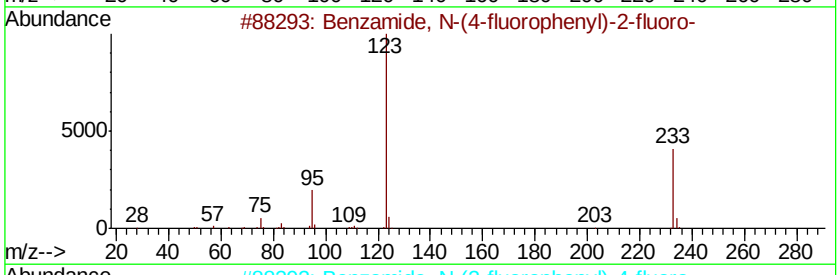
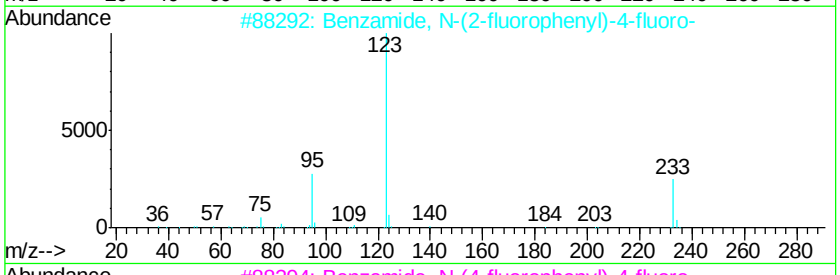
Peak Number 17 unknown-01 Concentration Rank 9

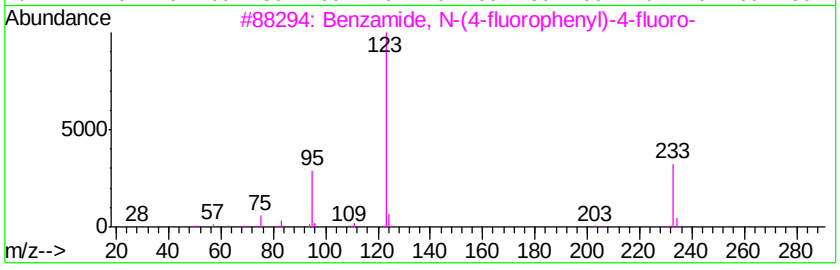
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.33 ng/ul	327206	Phenanthrene-d10	16.96

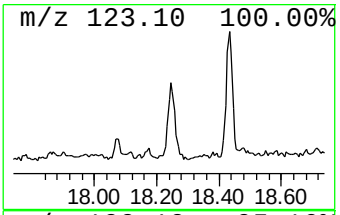
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	45
2	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	43
3	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	38
4	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	38
5	Benzoic acid, 3-fluoro-, anhydride	262	C14H8F2O3	056666-54-7	18

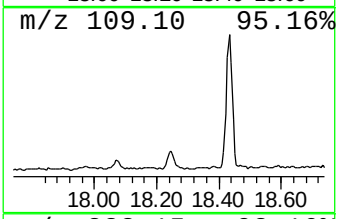


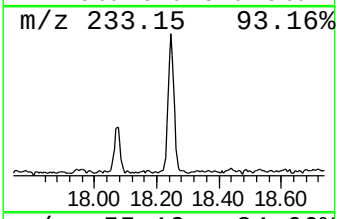


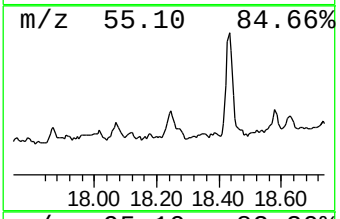


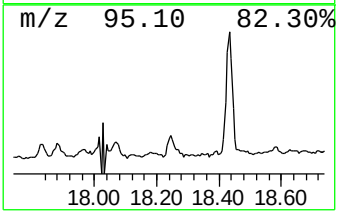












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Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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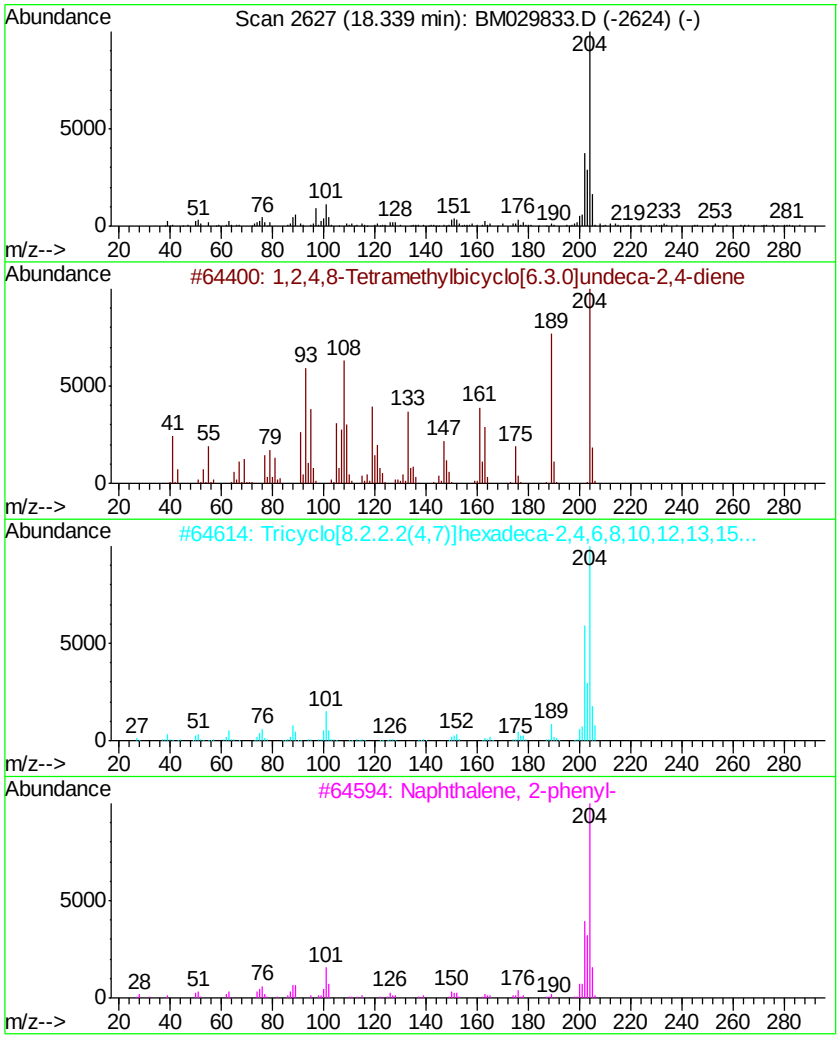
Quant Title : SVOA CALIBRATION

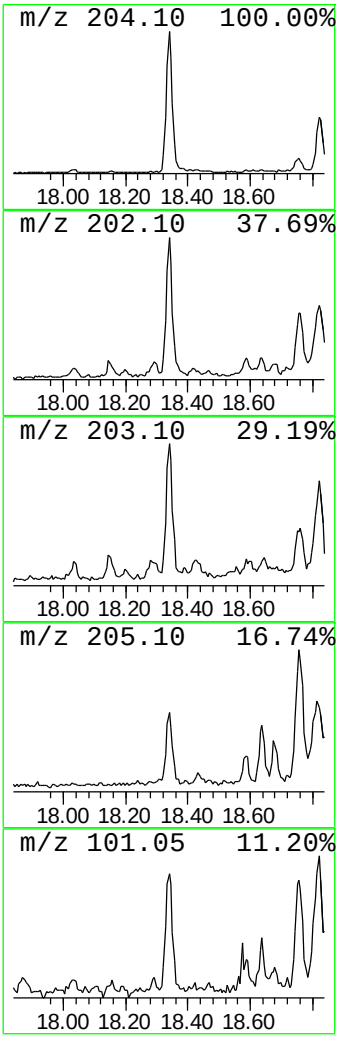
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.13 ng/ul	130752	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

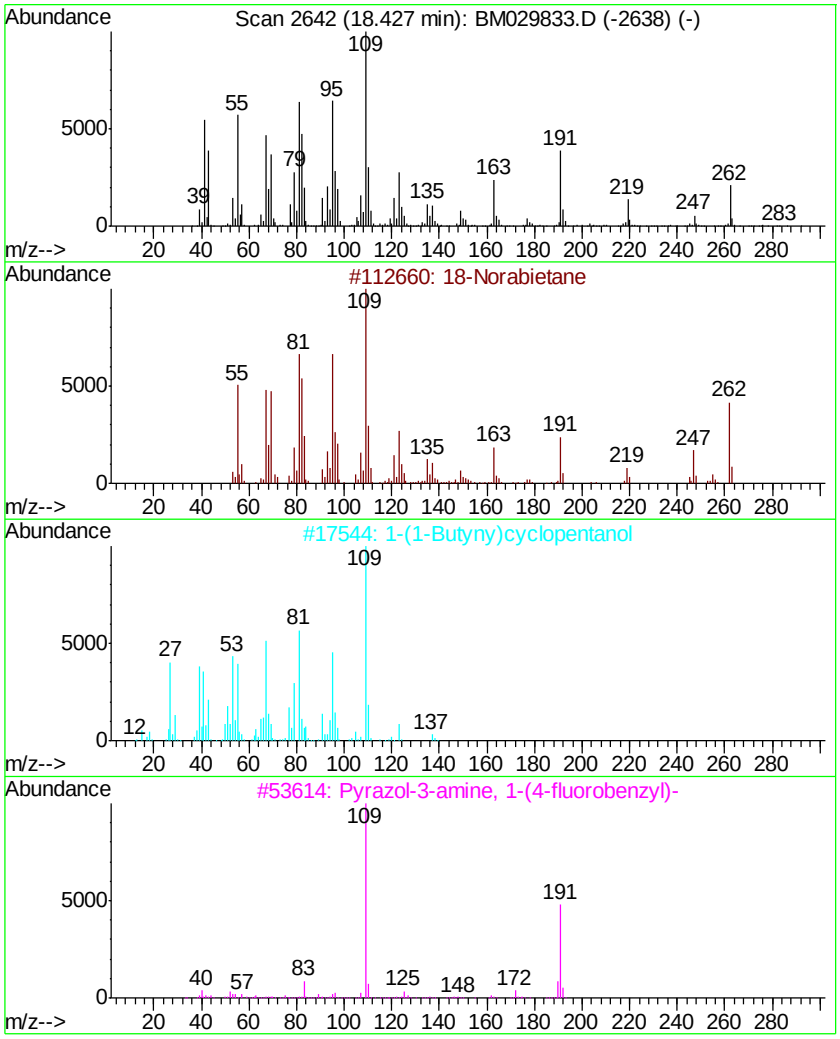
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

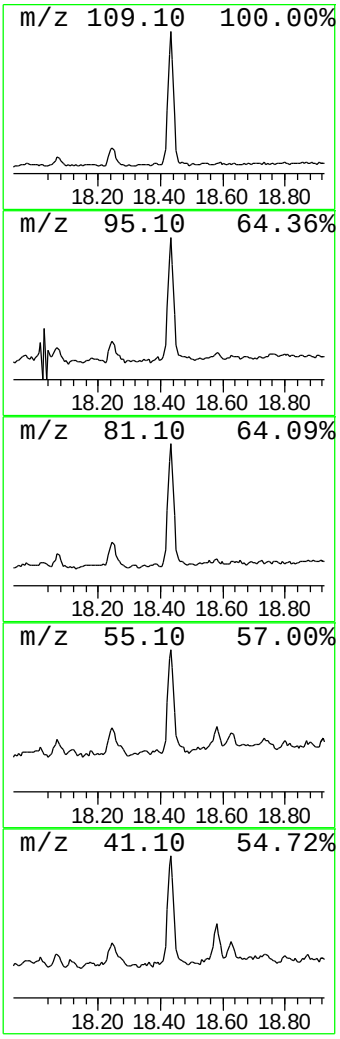
****

Peak Number 19 18-Norabietane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	19.80 ng/ul	1215640	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	38
3	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	35
4	2-(4-Fluorobenzyl)-2-azaspiro[4....	261	C15H16FNO2	1000332-10-7	27
5	Imidazole-4-carboxylic acid, 1-m...	154	C7H10N2O2	041507-56-6	22





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Instrument : BNA_M
ClientSampleId : BG596

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Quant Title : SVOA CALIBRATION

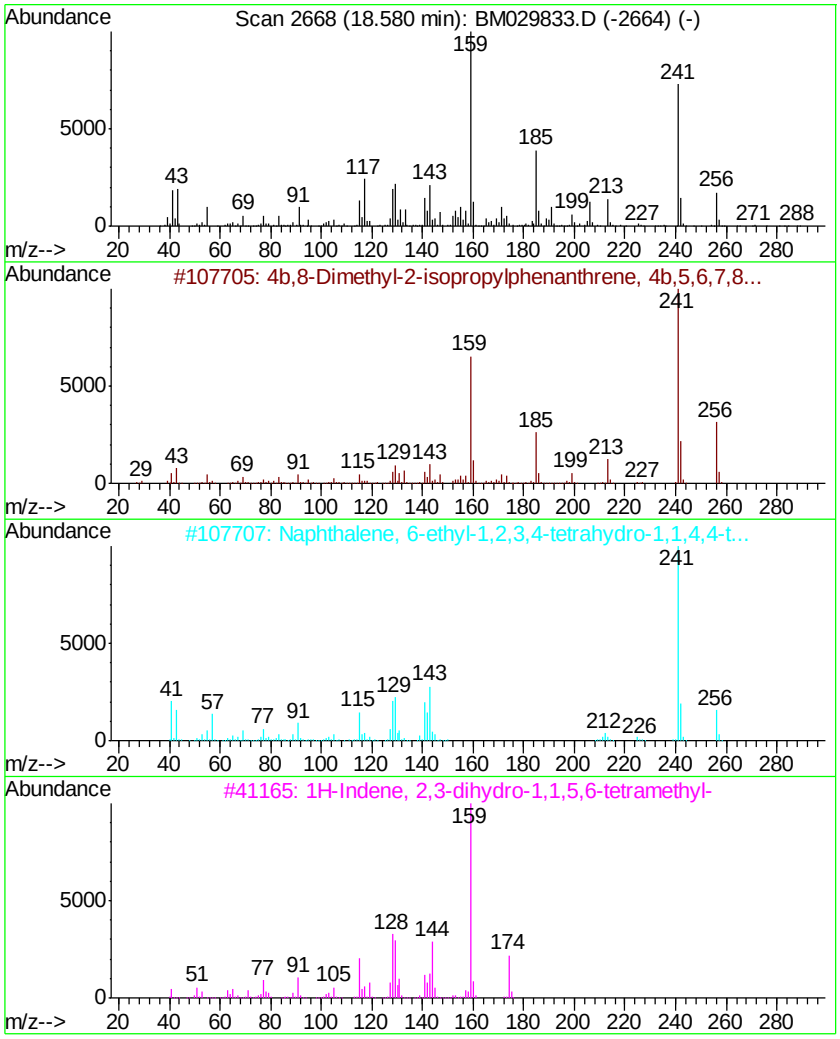
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

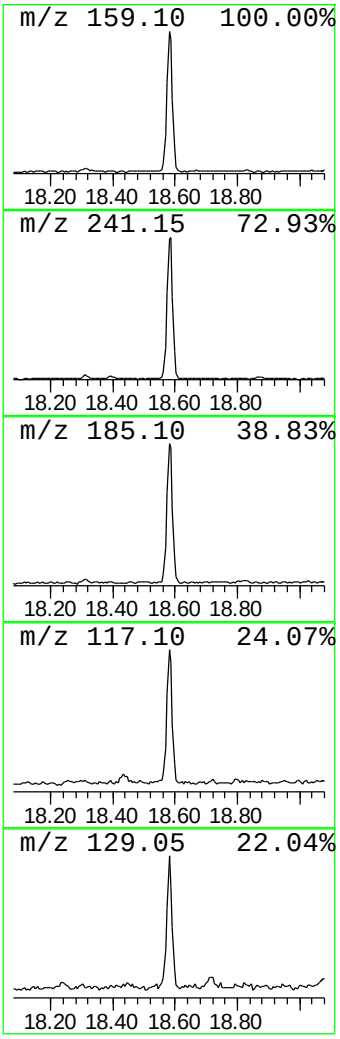
****

Peak Number 20 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	10.47 ng/ul	642641	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	78
3	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	35
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	25
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	22





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Acq On : 05 May 2021 18:57
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Sample : M2192-02
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ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

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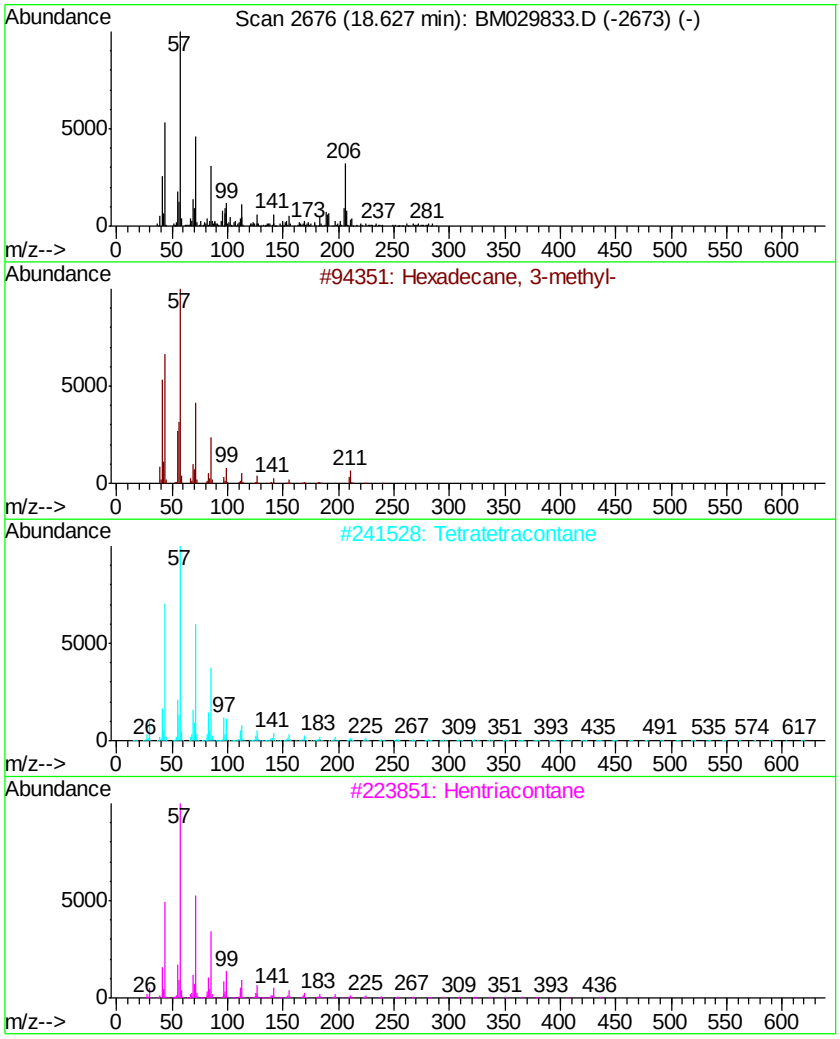
Quant Title : SVOA CALIBRATION

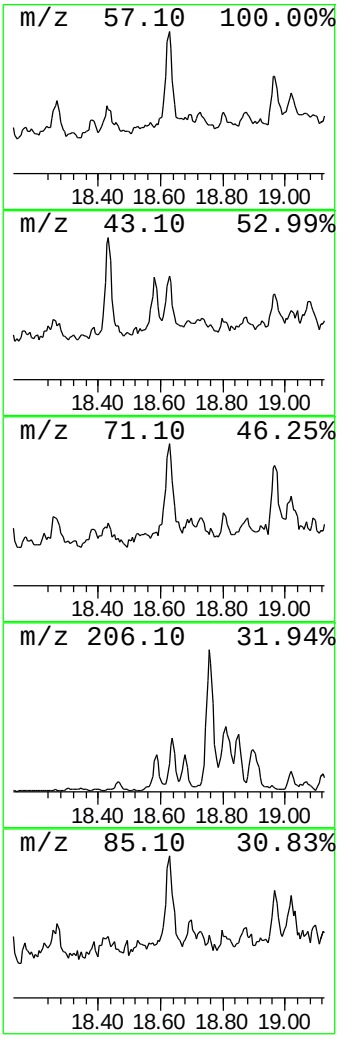
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.89 ng/ul	177173	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	70
2	Tetratetracontane	619	C44H90	007098-22-8	68
3	Hentriacontane	437	C31H64	000630-04-6	68
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5	Dodecane	170	C12H26	000112-40-3	64





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Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

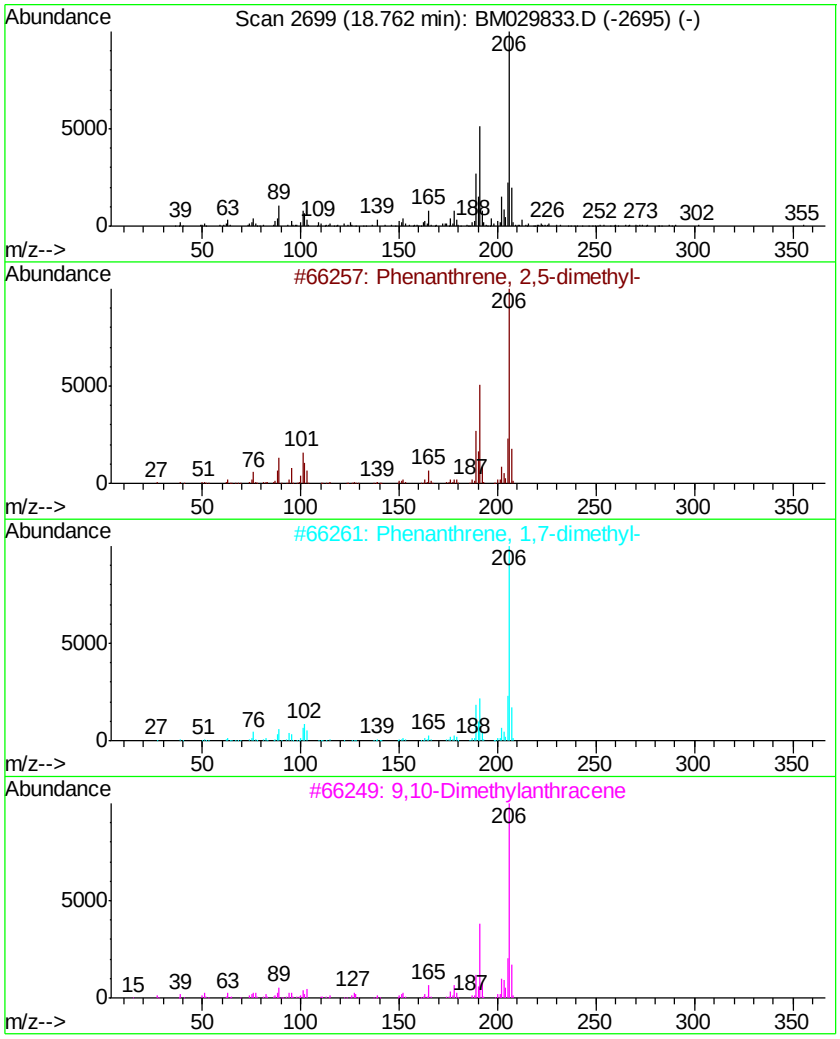
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

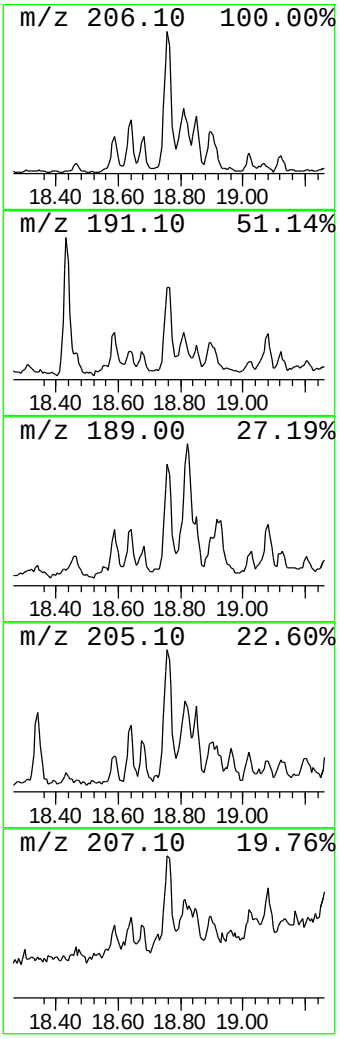
****

Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.38 ng/ul	207643	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Sample : M2192-02
Misc :
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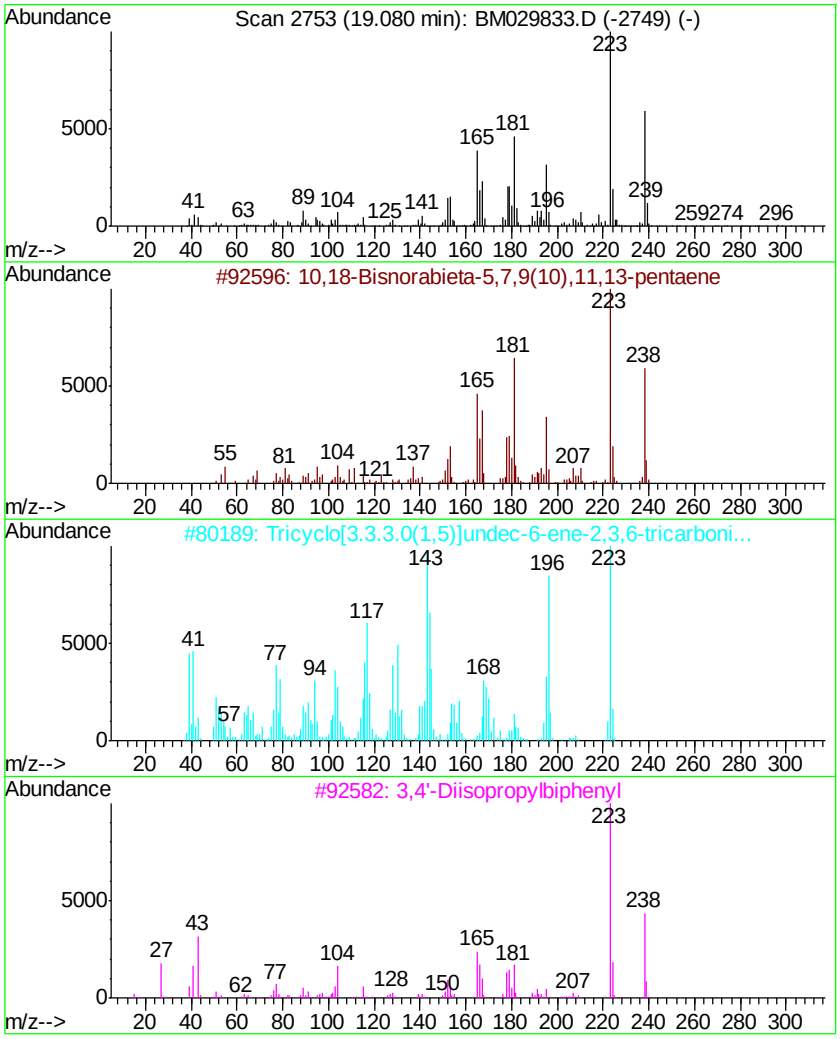
Quant Title : SVOA CALIBRATION

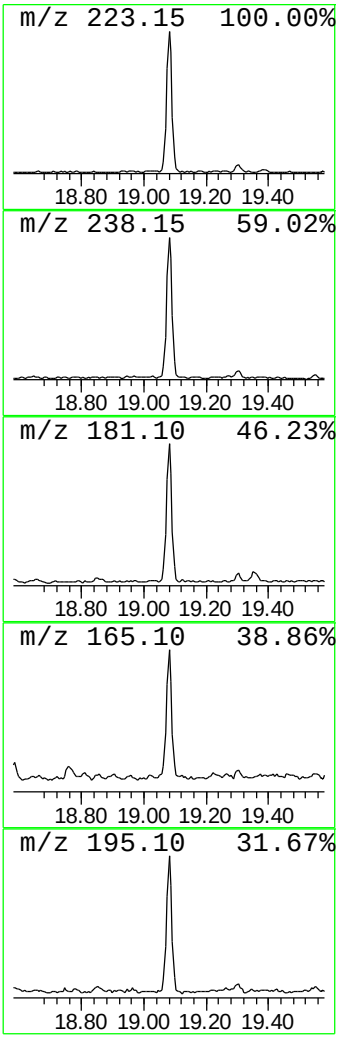
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	6.66 ng/ul	749790	Chrysene-d12	21.14

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	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	70
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	70
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	55
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55





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Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

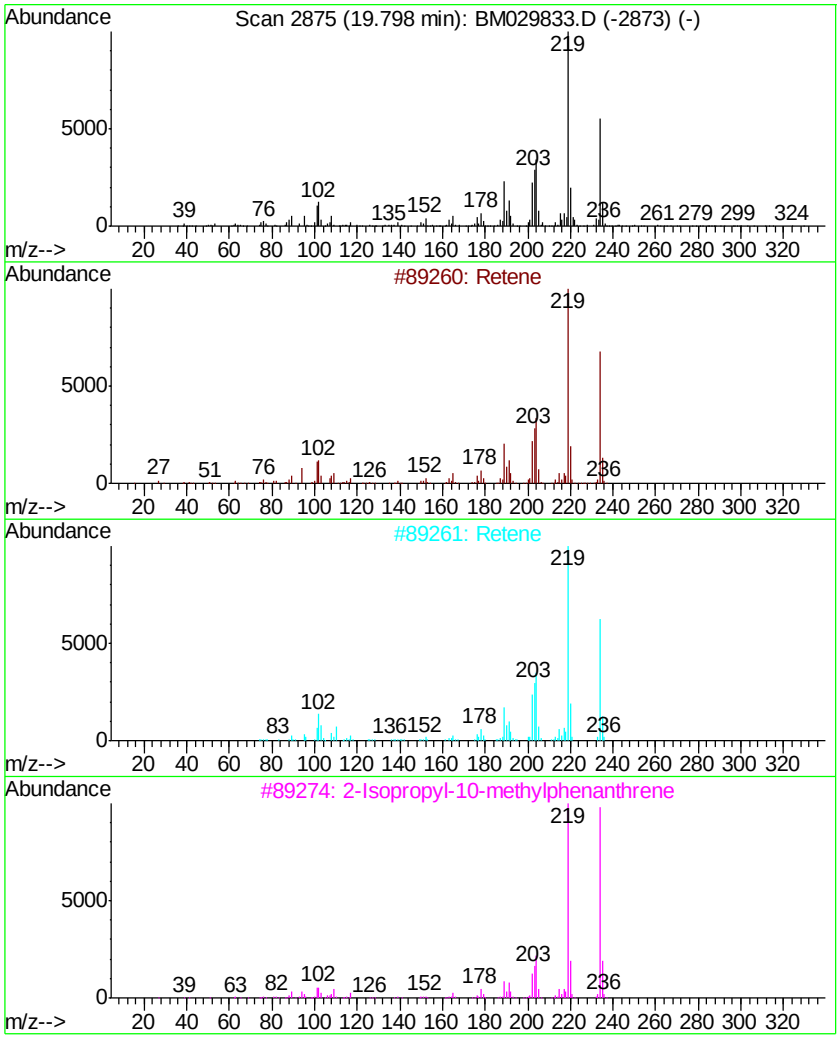
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

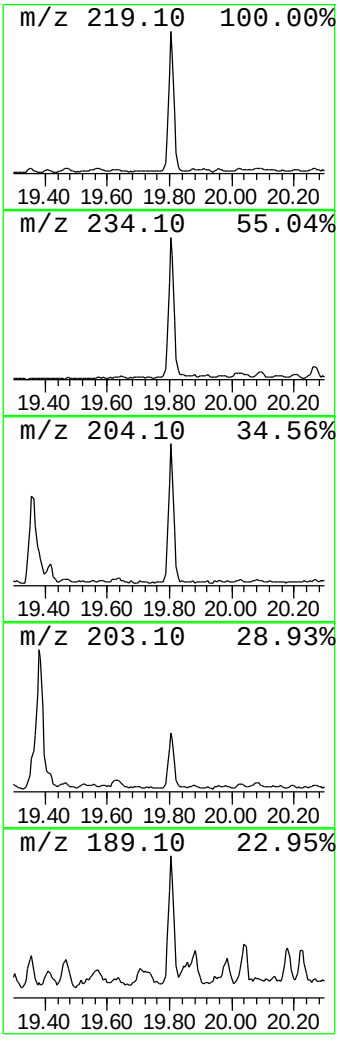
****

Peak Number 24 Retene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	4.63 ng/ul	521012	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	95
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
4	Retene	234	C18H18	000483-65-8	78
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68





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Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

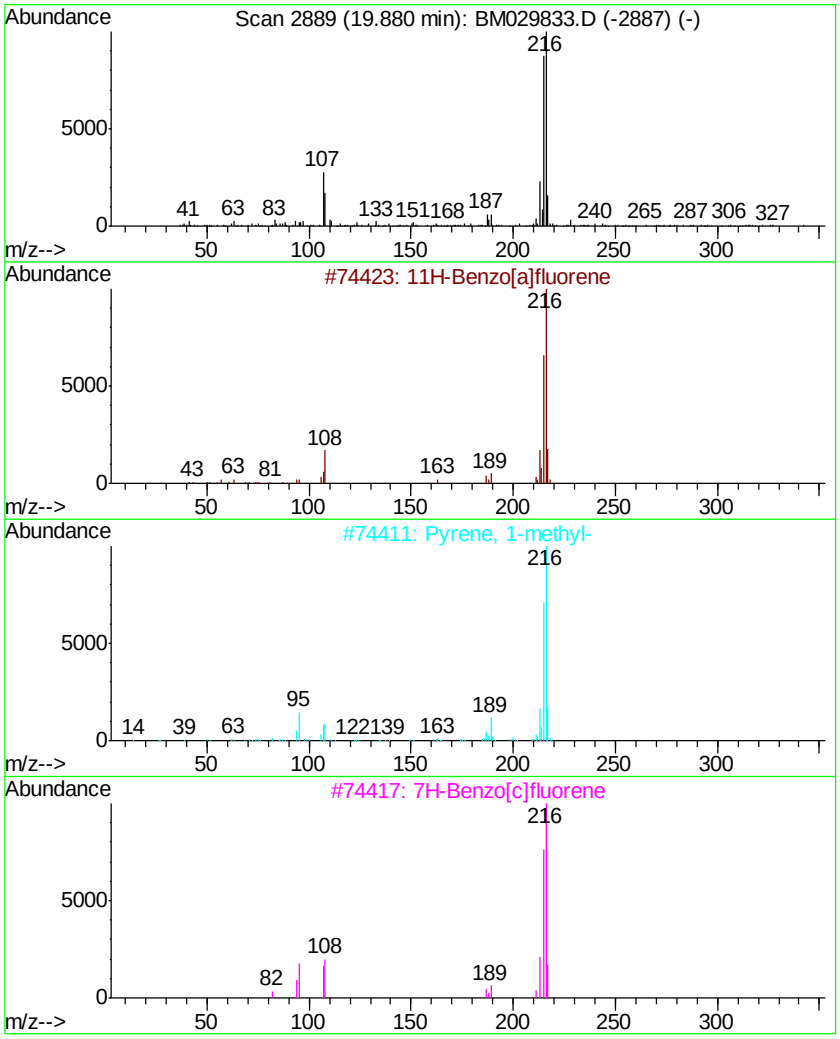
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

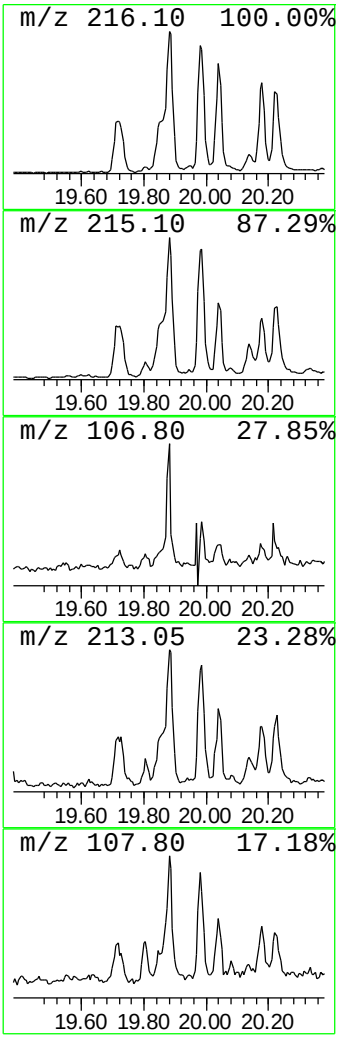
****

Peak Number 25 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.53 ng/ul	285160	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68





Library Search Compound Report

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Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG596

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

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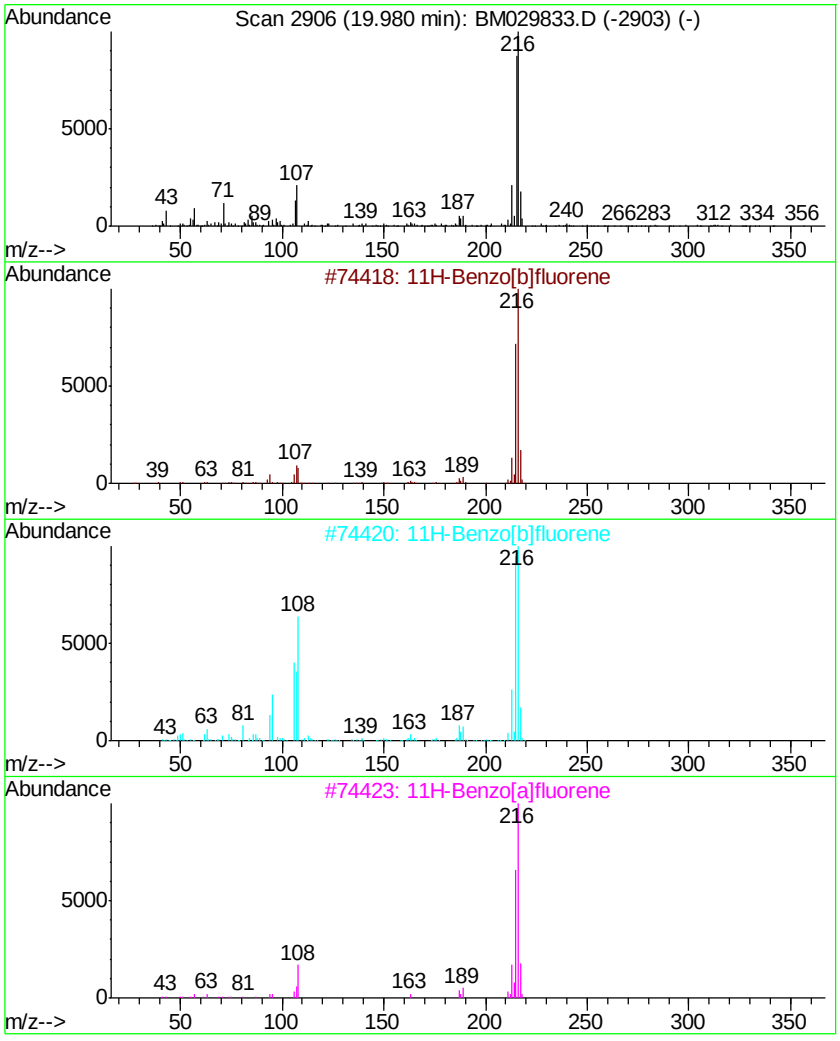
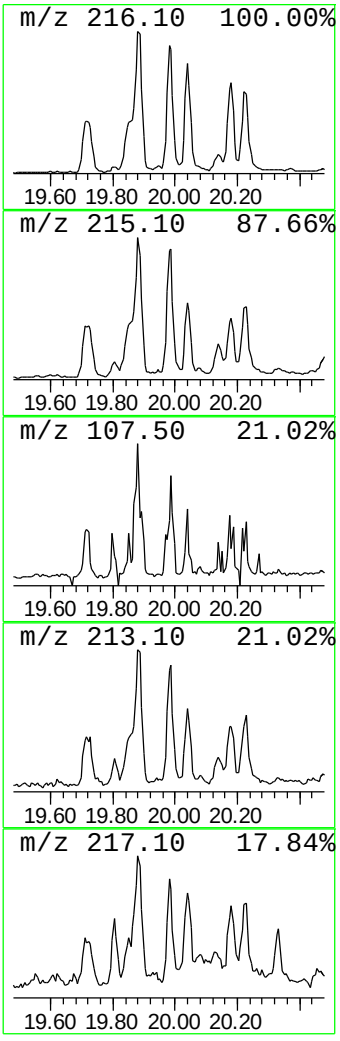
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.76 ng/ul	310283	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





Tentatively Identified Compound (LSC) summary

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Data File : BM029833.D
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Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
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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...	11.37	6.4	ng/ul	260721	2	10.34	816073	20.0
(DEL) Alkane: Str...	12.75	4.1	ng/ul	231616	3	14.21	1120310	20.0
Naphthalene, 1,6-...	13.39	2.5	ng/ul	141731	3	14.21	1120310	20.0
Naphthalene, 2,3-...	13.53	3.0	ng/ul	167642	3	14.21	1120310	20.0
(DEL) Alkane: Str...	14.75	2.1	ng/ul	118136	3	14.21	1120310	20.0
2,4,6-Cycloheptat...	15.56	2.2	ng/ul	121393	3	14.21	1120310	20.0
(DEL) Alkane: Str...	15.97	12.2	ng/ul	746410	4	16.96	1227960	20.0
9H-Fluorene, 1-me...	16.27	2.4	ng/ul	149739	4	16.96	1227960	20.0
(DEL) Alkane: Str...	16.79	10.1	ng/ul	618624	4	16.96	1227960	20.0
(DEL) Alkane: Str...	17.39	2.7	ng/ul	167630	4	16.96	1227960	20.0
Dibenzothiophene,...	17.54	2.8	ng/ul	171954	4	16.96	1227960	20.0
Phenanthrene, 2-m...	17.83	5.0	ng/ul	304400	4	16.96	1227960	20.0
1H-Cyclopropa[l]p...	17.88	7.0	ng/ul	430548	4	16.96	1227960	20.0
Anthracene, 2-met...	17.96	3.8	ng/ul	235715	4	16.96	1227960	20.0
4H-Cyclopenta[def...	18.02	11.9	ng/ul	728641	4	16.96	1227960	20.0
Anthracene, 1-met...	18.06	5.0	ng/ul	309822	4	16.96	1227960	20.0
unknown-01	18.24	5.3	ng/ul	327206	4	16.96	1227960	20.0
1,2,4,8-Tetrameth...	18.34	2.1	ng/ul	130752	4	16.96	1227960	20.0
18-Norabietane	18.43	19.8	ng/ul	1215640	4	16.96	1227960	20.0
4b,8-Dimethyl-2-i...	18.58	10.5	ng/ul	642641	4	16.96	1227960	20.0
(DEL) Alkane: Str...	18.63	2.9	ng/ul	177173	4	16.96	1227960	20.0
Phenanthrene, 2,5...	18.76	3.4	ng/ul	207643	4	16.96	1227960	20.0
10,18-Bisnorabiet...	19.08	6.7	ng/ul	749790	5	21.14	2250640	20.0
Retene	19.80	4.6	ng/ul	521012	5	21.14	2250640	20.0
11H-Benzo[a]fluorene	19.88	2.5	ng/ul	285160	5	21.14	2250640	20.0
11H-Benzo[b]fluorene	19.98	2.8	ng/ul	310283	5	21.14	2250640	20.0