LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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	6.551	619	623	627	rVB	40327	61184	0.93%	0.086%
2	6.740	650	655	669	rVB	321296	657782	10.01%	0.927%
3	6.898	677	682	692	rVB	259087	442743	6.74%	0.624%
4	7.087	708	714	727	rVB	387757	700377	10.66%	0.987%
5	7.551	782	793	801	rBV	572173	993182	15.11%	1.399%
6	7.775	827	831	835	rBV	50467	71469	1.09%	0.101%
7	8.081	878	883	897	rVB3	71254	162984	2.48%	0.230%
8	8.216	900	906	910	rBV	45328	76911	1.17%	0.108%
9	8.269	910	915	924	rBV	379276	655484	9.97%	0.923%
10	8.381	930	934	938	rBV	32701	61476	0.94%	0.087%
11	8.416	938	940	944	rVB2	27615	32874	0.50%	0.046%
12	8.451	944	946	951	rVB3	25534	29965	0.46%	0.042%
13	8.645	963	979	984	rBV3	24288	91142	1.39%	0.128%
14	8.704	984	989	999	rBV	334268	626872	9.54%	0.883%
15	8.857	1010	1015	1017	rBV3	27431	47942	0.73%	0.068%
16	8.892	1017	1021	1026	rVB6	37357	72677	1.11%	0.102%
17	8.998	1036	1039	1045	rVV6	18792	38473	0.59%	0.054%
18	9.122	1053	1060	1064	rVV2	58796	94224	1.43%	0.133%
19	9.181	1064	1070	1075	rVV5	25189	55283	0.84%	0.078%
20	9.239	1076	1080	1087	rVB5	37576	72426	1.10%	0.102%
21	9.304	1087	1091	1095	rVB3	21790	30386	0.46%	0.043%
22	9.422	1103	1111	1120	rBV	305812	580699	8.84%	0.818%
23	9.504	1120	1125	1133	rVB6	64602	130850	1.99%	0.184%
24	9.739	1160	1165	1168	rBV4	28822	49073	0.75%	0.069%
25	9.816	1176	1178	1189	rVB6	22607	46978	0.71%	0.066%
26	9.922	1189	1196	1197	rBV5	32616	53213	0.81%	0.075%
27	9.963	1197	1203	1212	rVV	368361	668497	10.17%	0.942%
28	10.063	1217	1220	1224	rVV4	25314	33494	0.51%	0.047%
29	10.110	1224	1228	1233	rVB7	19874	35869	0.55%	0.051%
30	10.186	1237	1241	1245	rBV5	17970	30064	0.46%	0.042%
31	10.322	1251	1264	1269	rBV	882462	1580910	24.06%	2.227%
32	10.375	1269	1273	1281	rVB	496874	831783	12.66%	1.172%
33	10.481	1281	1291	1301	rBV2	228784	607601	9.25%	0.856%
34	10.616	1311	1314	1320	rVB6	27672	46425	0.71%	0.065%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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	10.722	1326	1332	1337	rBV4	34094	62053	0.94%	0.087%
36	10.810	1342	1347	1351	rVV3	47614	72949	1.11%	0.103%
37	10.998	1372	1379	1387	rVB7	47278	137211	2.09%	0.193%
38	11.098	1387	1396	1401	rBV10	22318	71927	1.09%	0.101%
39	11.157	1401	1406	1409	rBV7	23282	47457	0.72%	0.067%
40	11.357	1435	1440	1443	rBV2	106000	173801	2.64%	0.245%
41	11.510	1460	1466	1470	rBV4	27728	50830	0.77%	0.072%
42	11.610	1475	1483	1488	rBV4	59362	114106	1.74%	0.161%
43	11.739	1500	1505	1506	rBV4	23169	32238	0.49%	0.045%
44	11.851	1520	1524	1528	rBV6	20653	41112	0.63%	0.058%
45	11.898	1529	1532	1536	rVV6	22657	32278	0.49%	0.045%
46	11.998	1544	1549	1554	rVB2	162822	278839	4.24%	0.393%
47	12.063	1556	1560	1568	rVB8	37319	72474	1.10%	0.102%
48	12.133	1568	1572	1574	rBV4	35289	48527	0.74%	0.068%
49	12.216	1580	1586	1591	rBV2	117452	221590	3.37%	0.312%
50	12.380	1610	1614	1616	rBV3	30403	46111	0.70%	0.065%
51	12.469	1625	1629	1636	rVB5	44175	84805	1.29%	0.119%
52	12.539	1637	1641	1644	rBV6	32564	52388	0.80%	0.074%
53	12.616	1651	1654	1660	rVB6	47942	78527	1.19%	0.111%
54	12.686	1662	1666	1670	rVV4	36323	60768	0.92%	0.086%
55	12.733	1670	1674	1678	rVV	138185	197681	3.01%	0.278%
56	12.780	1678	1682	1688	rVB5	52179	90199	1.37%	0.127%
57	12.969	1709	1714	1716	rBV3	87289	126070	1.92%	0.178%
58	13.027	1722	1724	1732	rVB4	53768	100869	1.53%	0.142%
59	13.116	1736	1739	1743	rVB5	48805	66847	1.02%	0.094%
60	13.516	1803	1807	1812	rBV3	72493	129265	1.97%	0.182%
61	13.616	1819	1824	1829	rBV	1059419	1485037	22.60%	2.092%
62	13.663	1829	1832	1833	rVV	67341	64843	0.99%	0.091%
63	13.692	1833	1837	1840	rVB2	173784	232107	3.53%	0.327%
64	13.886	1860	1870	1876	rBV	1081710	1750461	26.64%	2.466%
65	14.021	1890	1893	1902	rVB2	189287	327979	4.99%	0.462%
66	14.098	1902	1906	1908	rBV3	72972	109562	1.67%	0.154%
67	14.198	1918	1923	1929	rVB	1369659	2024205	30.80%	2.851%
68	14.263	1929	1934	1943	rBV	473897	728437	11.08%	1.026%
69	14.445	1962	1965	1972	rVB4	109605	185290	2.82%	0.261%
70	14.598	1987	1991	1997	rVB	374463	562176	8.55%	0.792%
71	14.733	2011	2014	2020	rVB4	92784	134544	2.05%	0.190%

LSC Area Percent Report

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Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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

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Peak separation: 5

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

72	14.986	2052	2057	2061	rBV4	175159	280580	4.27%	0.395%
73	15.198	2087	2093	2098	rBV	1319458	1890773	28.77%	2.663%
74	15.251	2098	2102	2107	rBV	455503	609782	9.28%	0.859%
75	15.333	2113	2116	2120	rBV3	144673	205774	3.13%	0.290%
76	15.410	2126	2129	2135	rBV5	95671	153945	2.34%	0.217%
77	15.468	2136	2139	2143	rBV	124229	202127	3.08%	0.285%
78	15.545	2149	2152	2161	rVB2	140378	251911	3.83%	0.355%
79	15.951	2214	2221	2232	rVB3	314175	694345	10.57%	0.978%
80	16.045	2233	2237	2243	rBV3	136948	265969	4.05%	0.375%
81	16.104	2244	2247	2252	rBV3	99610	173304	2.64%	0.244%
82	16.604	2328	2332	2339	rBV	388742	560910	8.54%	0.790%
83	16.768	2356	2360	2369	rVB2	405716	716036	10.90%	1.009%
84	16.945	2385	2390	2393	rBV	1616857	2251032	34.25%	3.171%
85	16.986	2393	2397	2402	rVV	4379626	6186895	94.14%	8.715%
86	17.045	2402	2407	2410	rVV	1557356	2280346	34.70%	3.212%
87	17.074	2410	2412	2418	rVB	428419	552544	8.41%	0.778%
88	17.351	2456	2459	2468	rVB	321499	589794	8.97%	0.831%
89	17.815	2535	2538	2541	rBV	275952	365958	5.57%	0.515%
90	17.862	2542	2546	2553	rVB2	464496	842448	12.82%	1.187%
91	18.009	2567	2571	2575	rBV2	416846	623003	9.48%	0.878%
92	18.368	2629	2632	2637	rVB	495546	662137	10.08%	0.933%
93	19.009	2736	2741	2747	rBV	5138015	6571806	100.00%	9.257%
94	19.345	2793	2798	2800	rBV2	2568509	3775175	57.45%	5.318%
95	19.374	2800	2803	2811	rVB	3841555	4896739	74.51%	6.898%
96	21.062	3086	3090	3094	rBV	3759016	4031568	61.35%	5.679%
97	21.127	3096	3101	3106	rVV2	2692399	5466871	83.19%	7.701%
98	21.168	3106	3108	3117	rVB	2080742	2750588	41.85%	3.875%
99	22.650	3356	3360	3364	rBV2	1382811	2402197	36.55%	3.384%
100	23.156	3443	3446	3449	rBV2	661380	869840	13.24%	1.225%

Sum of corrected areas: 70991272

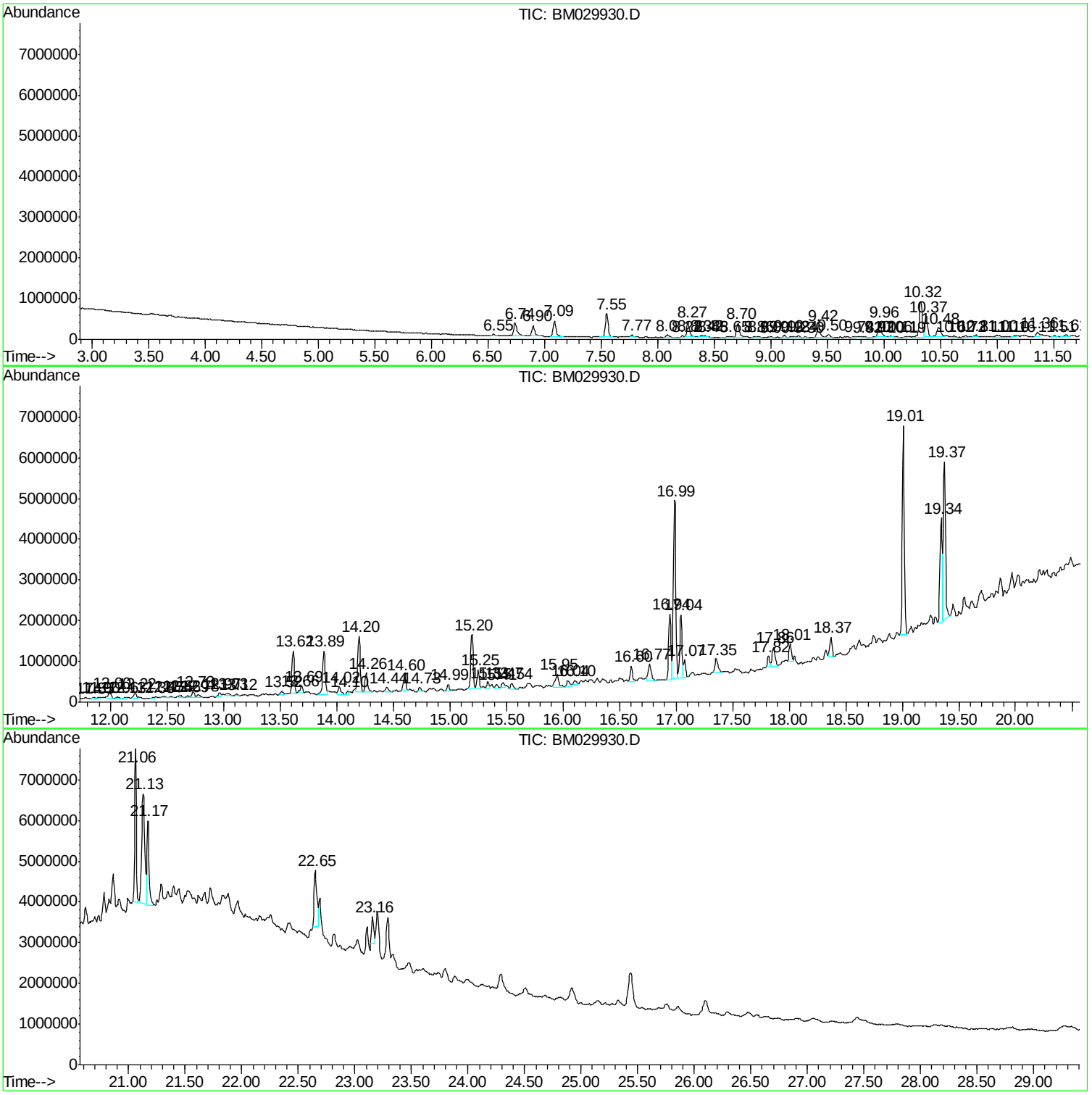
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

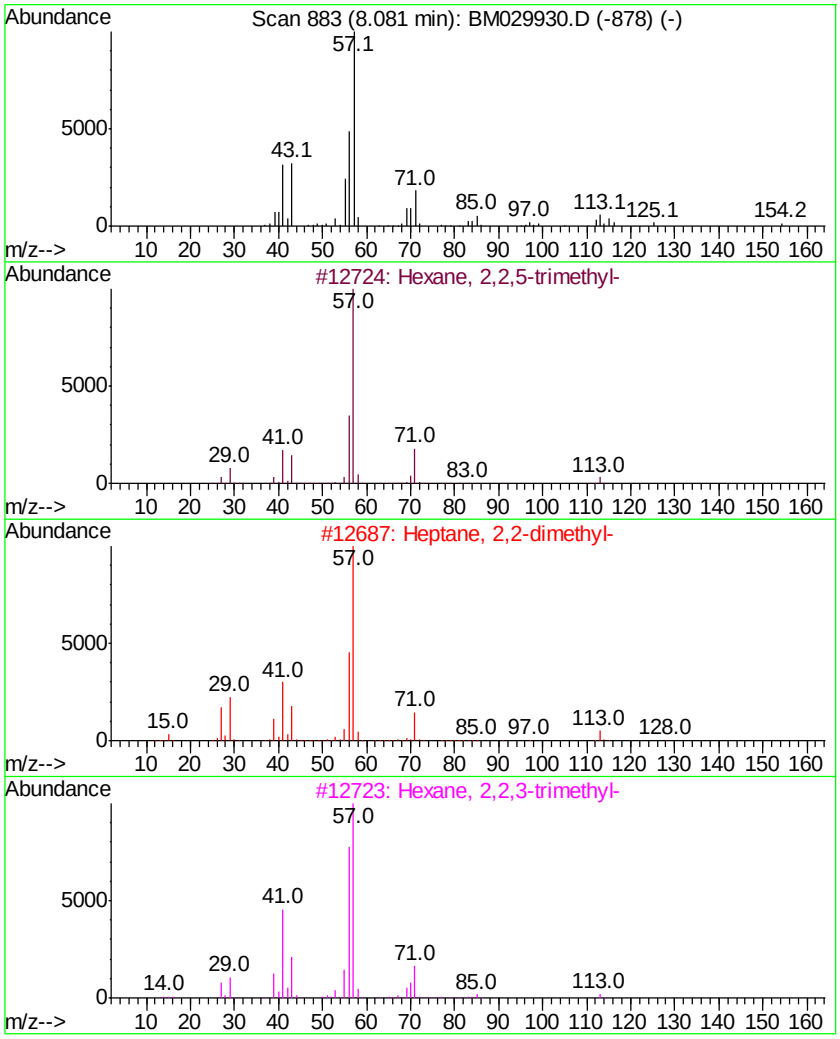
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

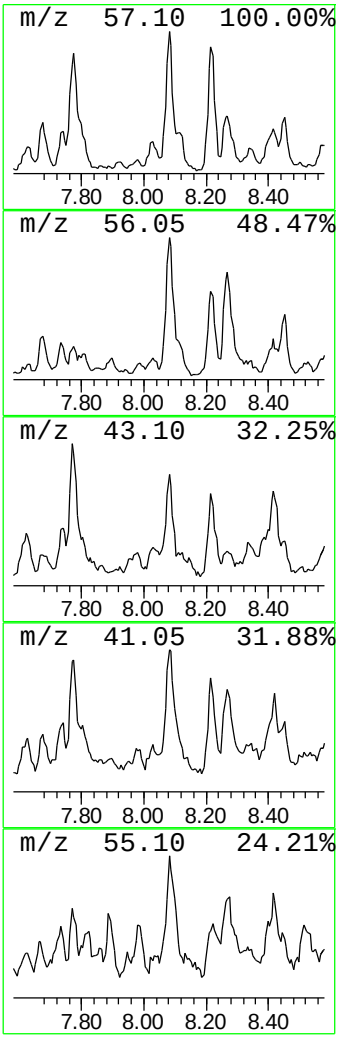
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	3.28 ng/ul	162984	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
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Instrument : BNA_M
ClientSampleId : BG584

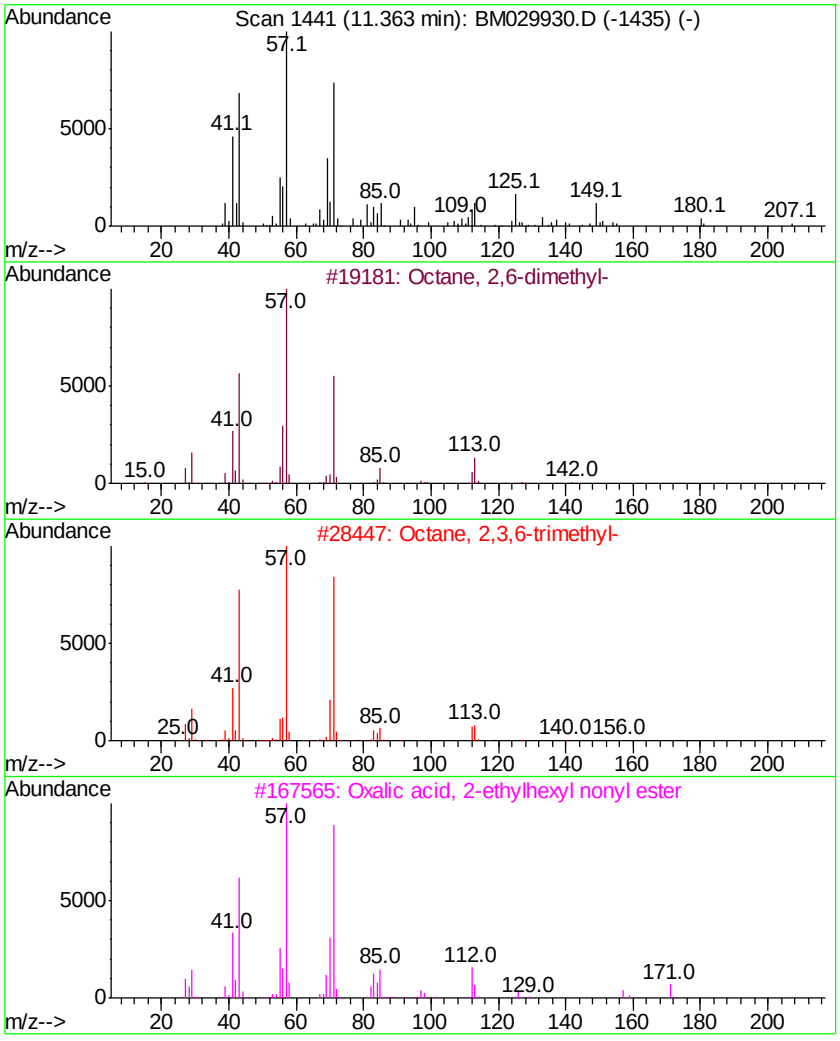
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

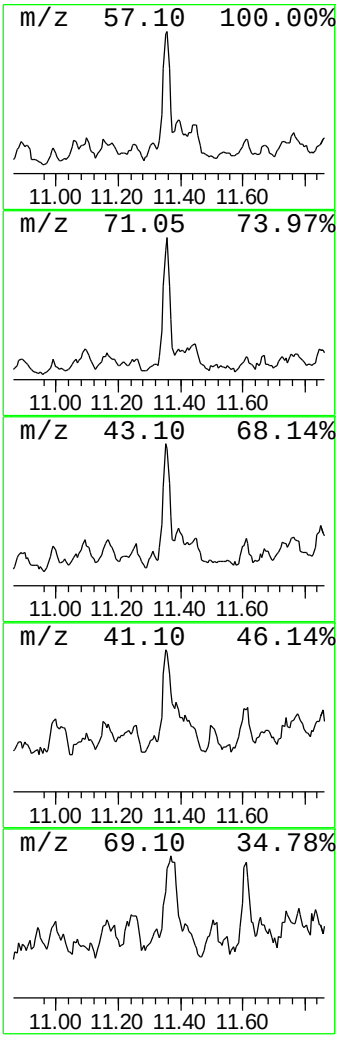
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.20 ng/ul	173801	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
5	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	59





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Quant Title : SVOA CALIBRATION

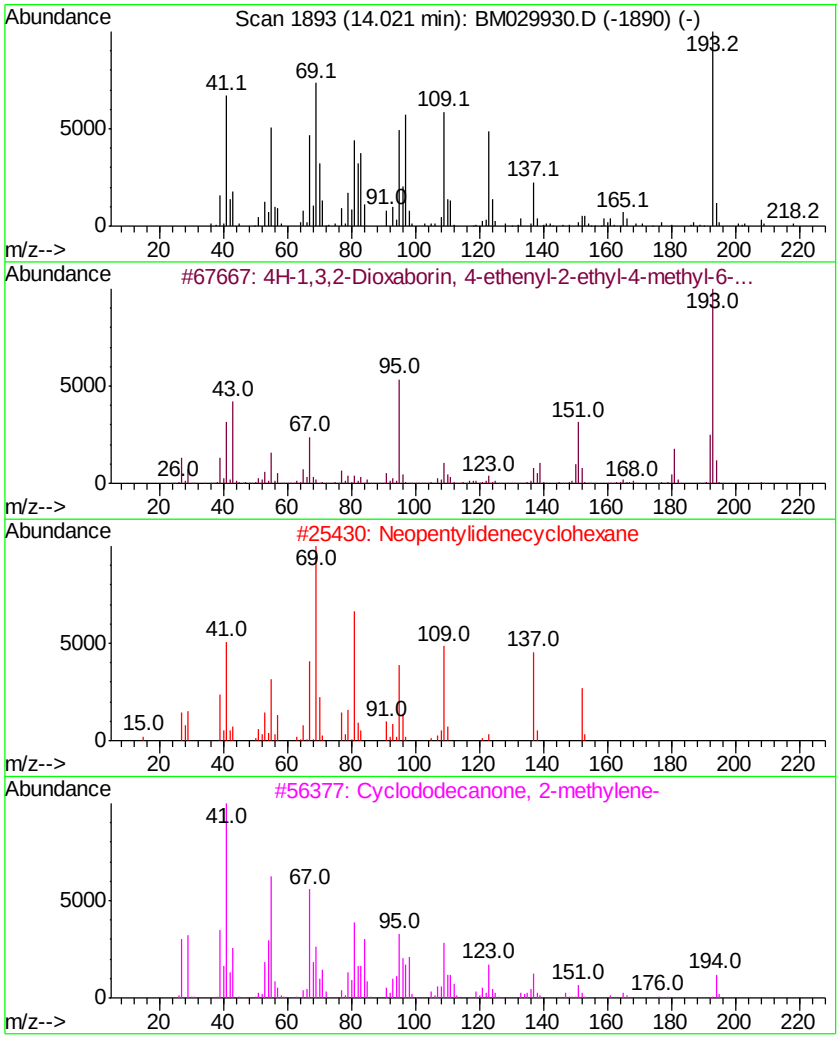
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

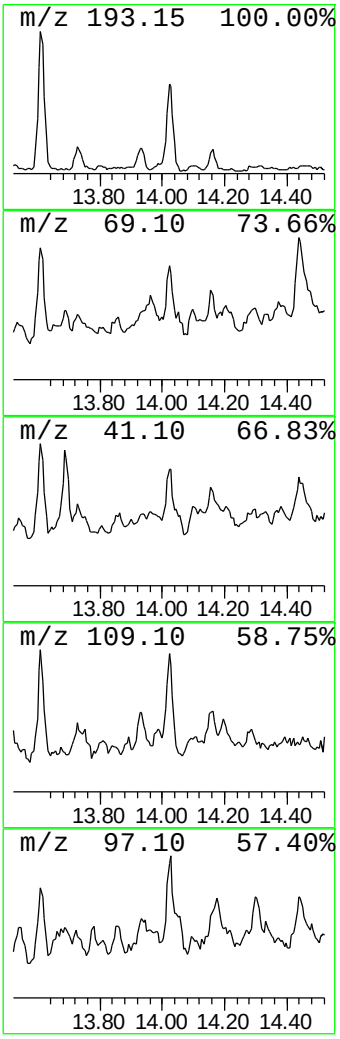
****

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.24 ng/ul	327979	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	35
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
3	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	22
4	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	22
5	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	22





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

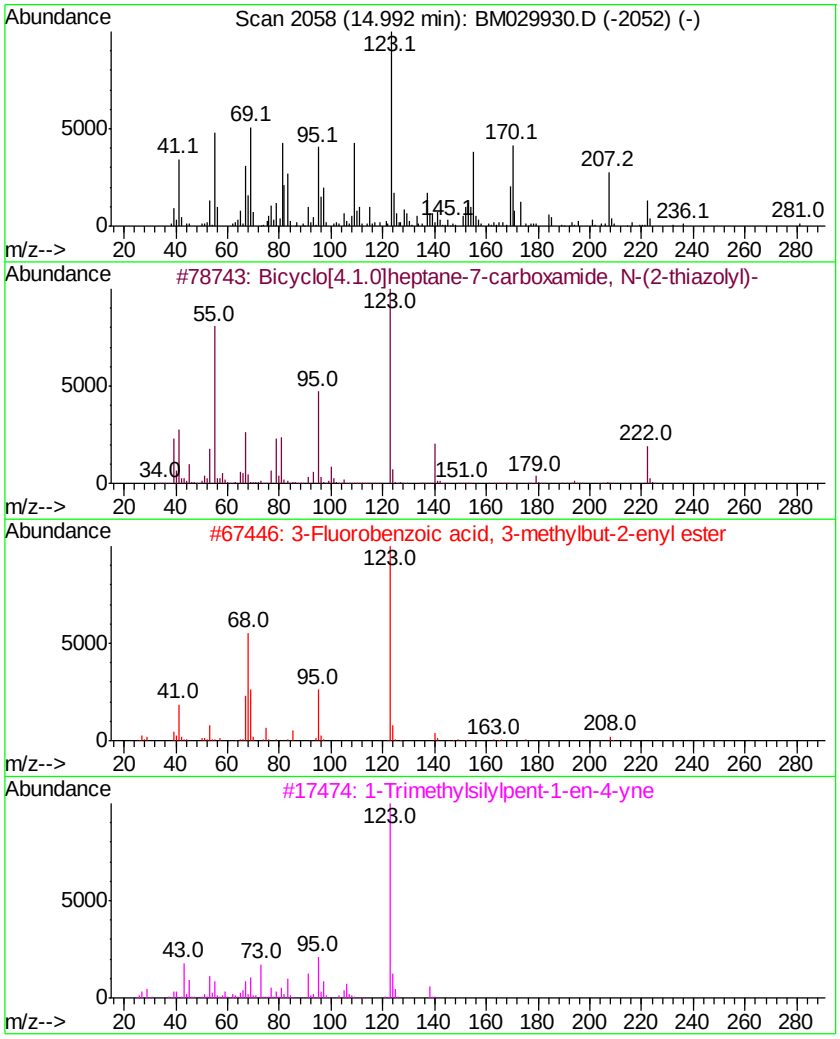
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

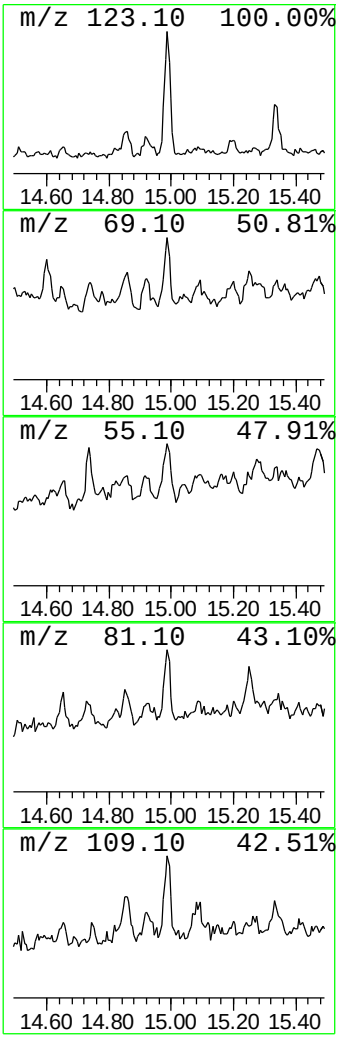
****

Peak Number 4 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.77 ng/ul	280580	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38
2	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	38
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
4	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	35
5	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	35





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Misc :
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Instrument : BNA_M
ClientSampleId : BG584

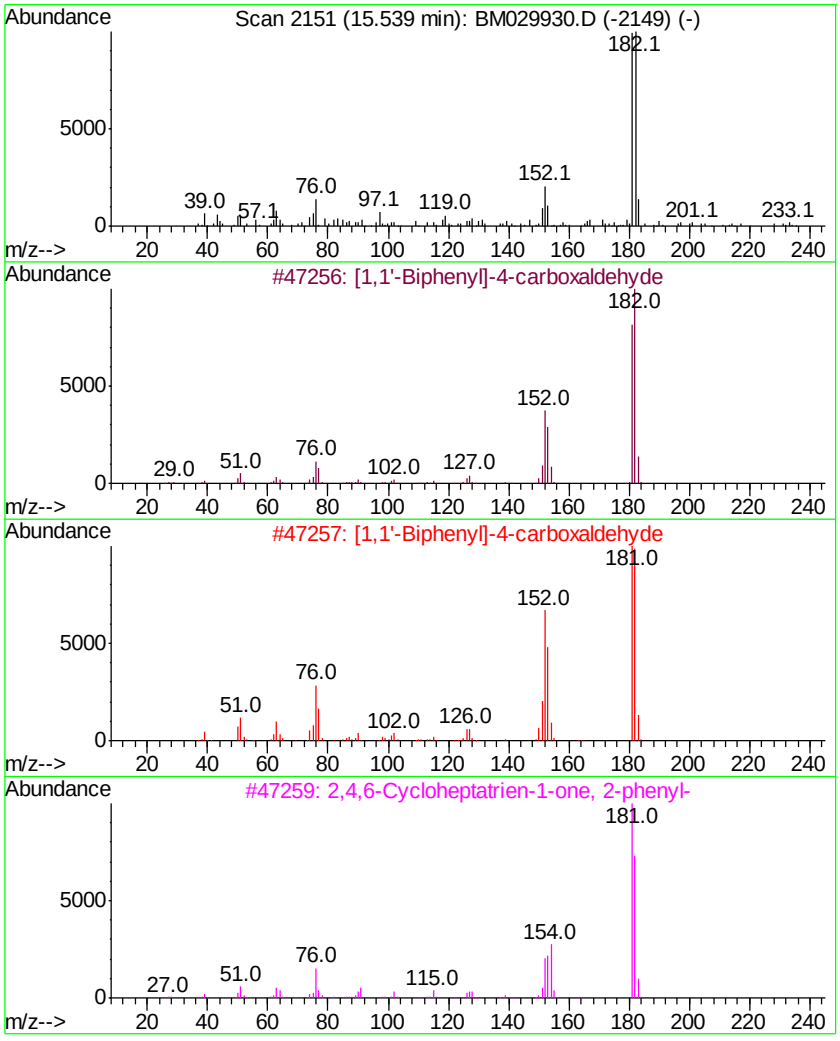
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

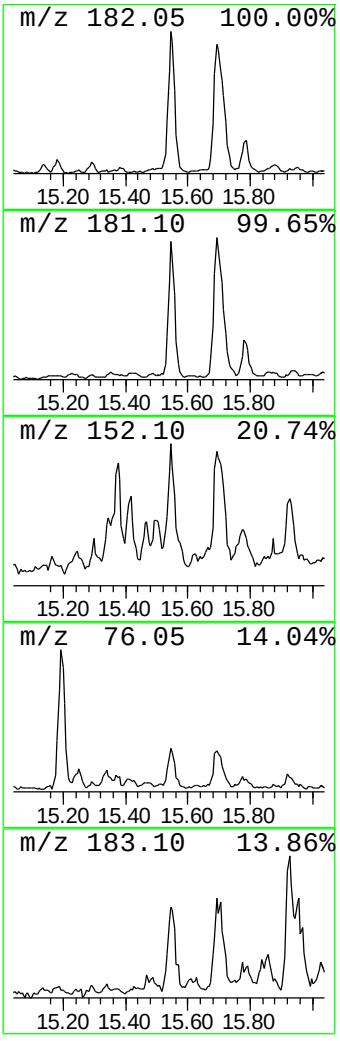
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.49 ng/ul	251911	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





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Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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

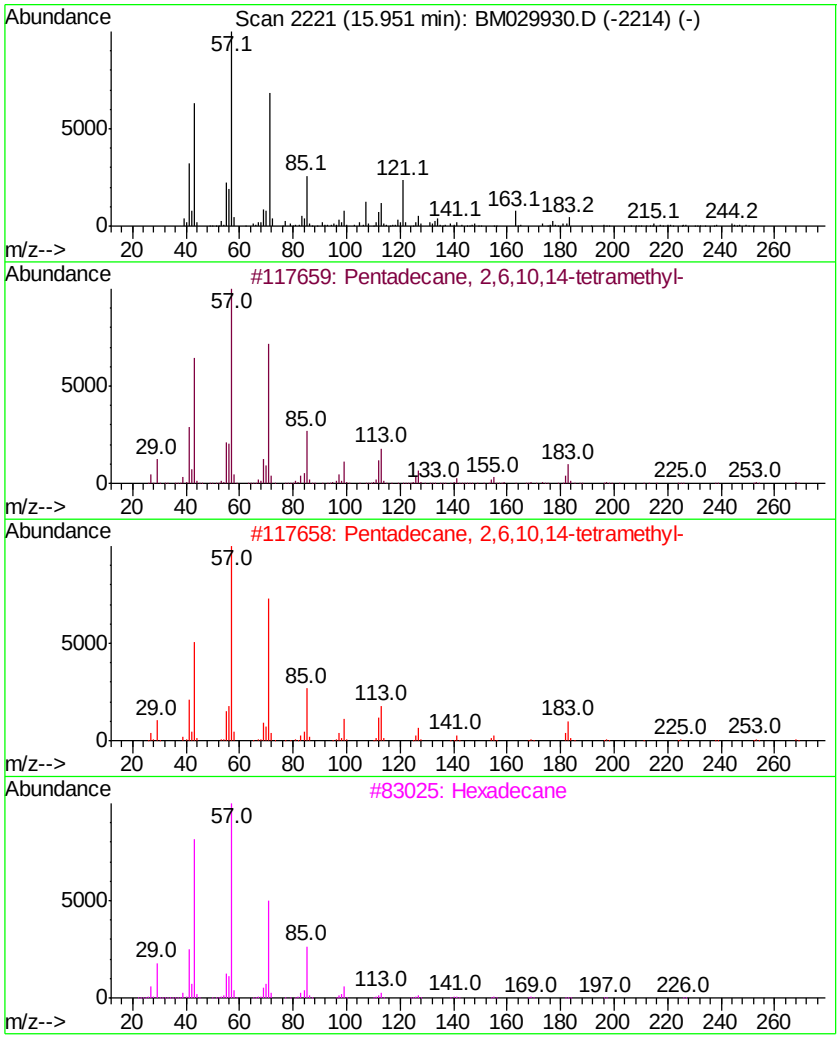
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

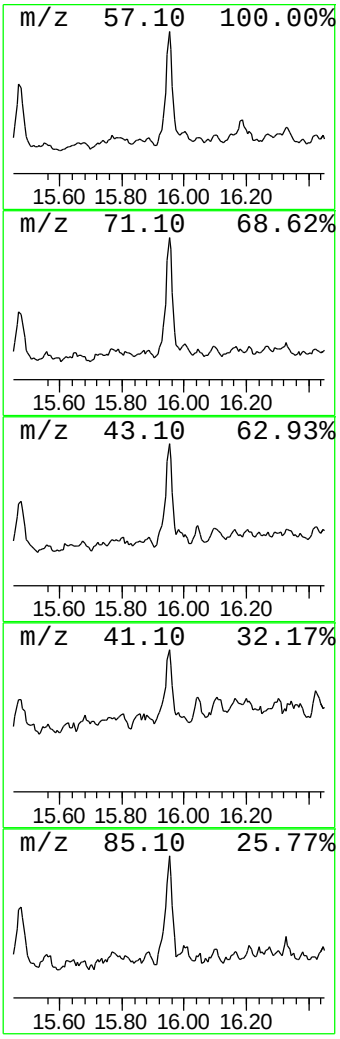
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	6.17 ng/ul	694345	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Hexadecane	226	C16H34	000544-76-3	70
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Acq On : 11 May 2021 06:59
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Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

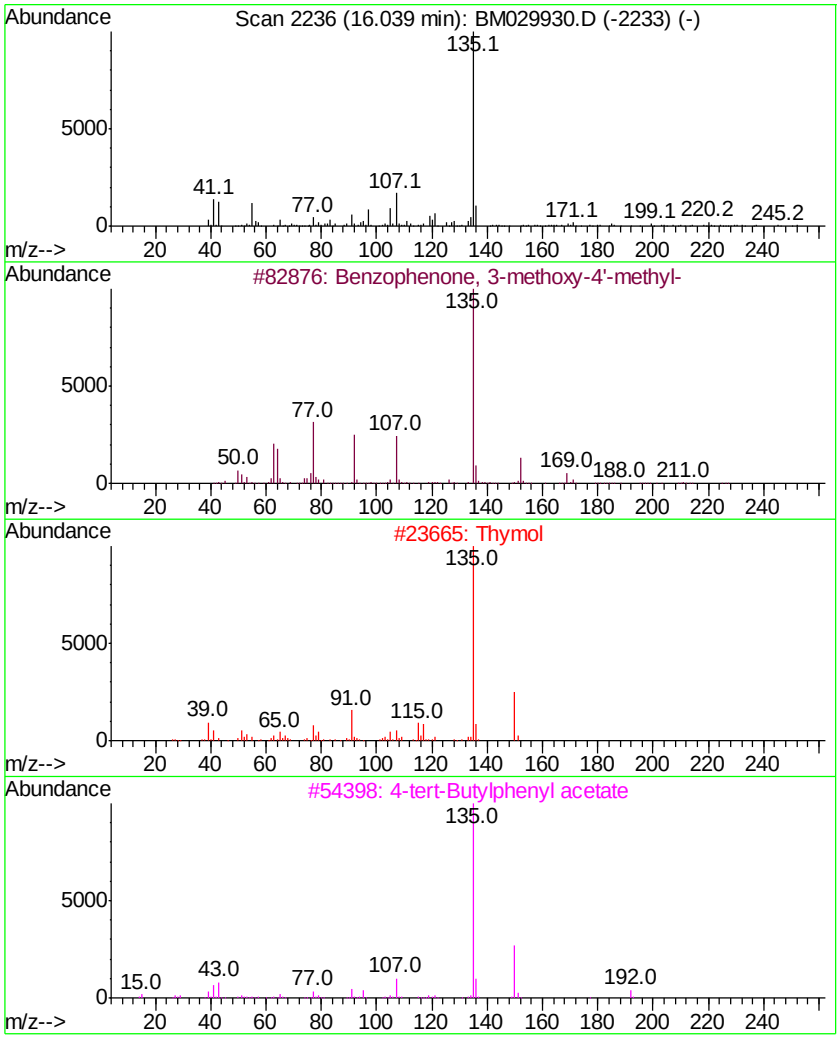
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

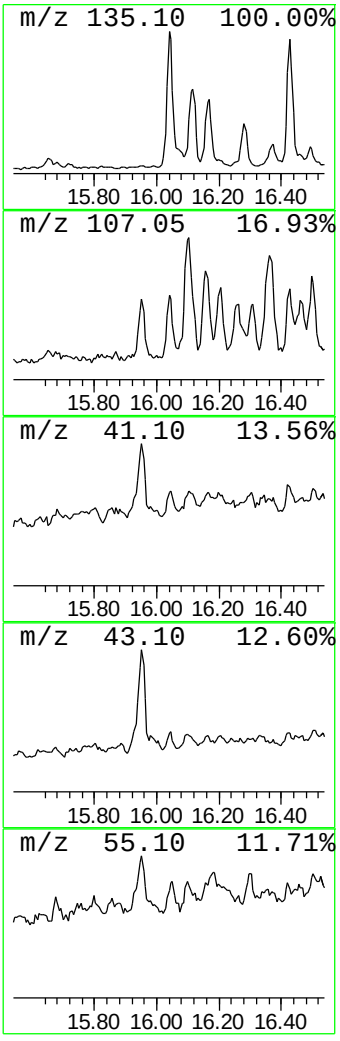
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzophenone, 3-methoxy-4'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.36 ng/ul	265969	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone, 3-methoxy-4'-methyl-	226	C15H14O2	082520-37-4	72
2	Thymol	150	C10H14O	000089-83-8	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	2-Bromo-3'-methoxyacetophenone	228	C9H9BrO2	005000-65-7	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





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Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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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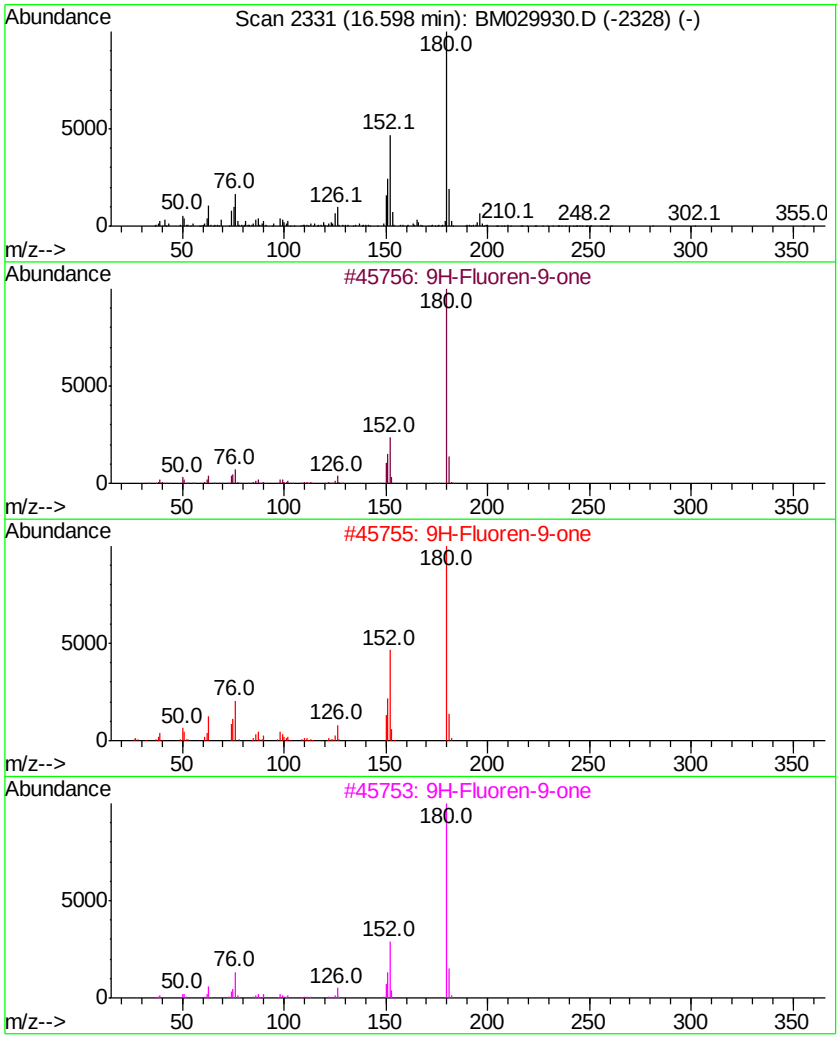
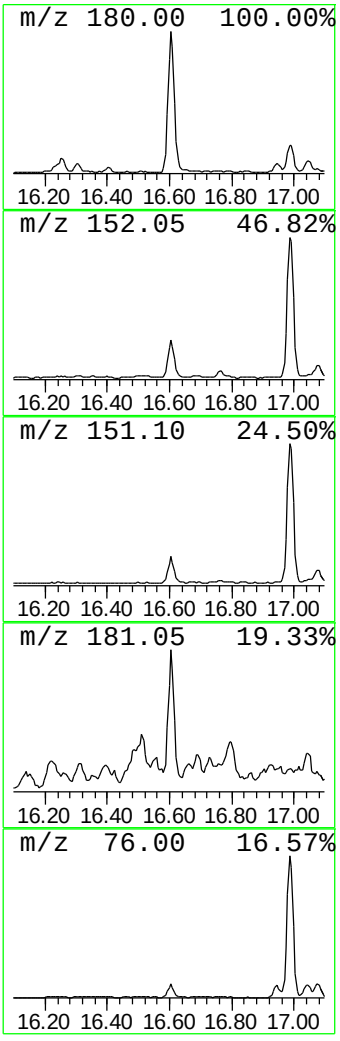
Peak Number 8 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.98 ng/ul	560910	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	Diphenic anhydride	224	C14H8O3	006050-13-1	87





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Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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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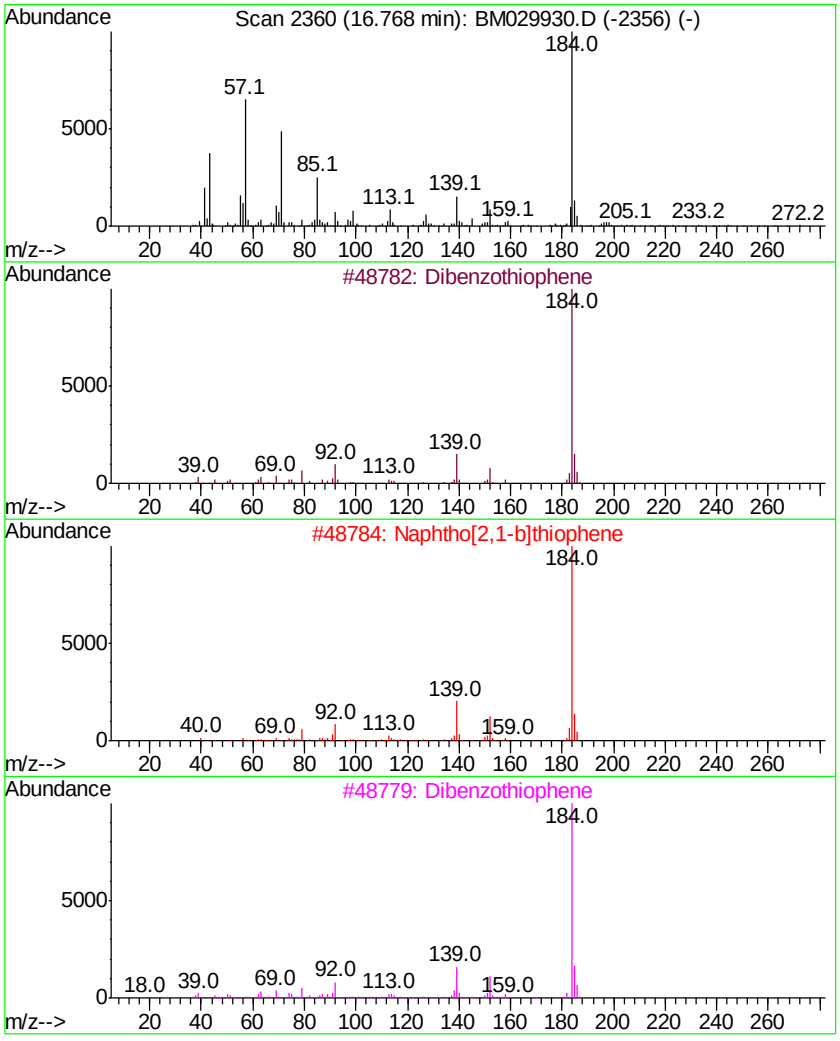
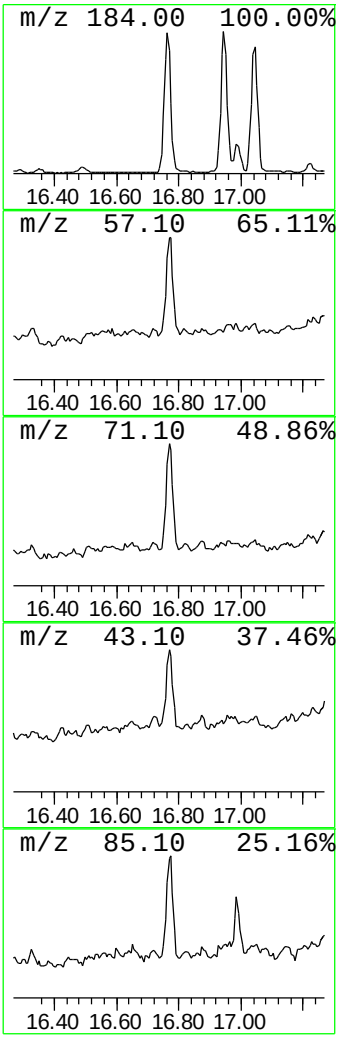
Peak Number 9 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.36 ng/ul	716036	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
3	Dibenzothiophene	184	C12H8S	000132-65-0	78
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
5	Dibenzothiophene	184	C12H8S	000132-65-0	60





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Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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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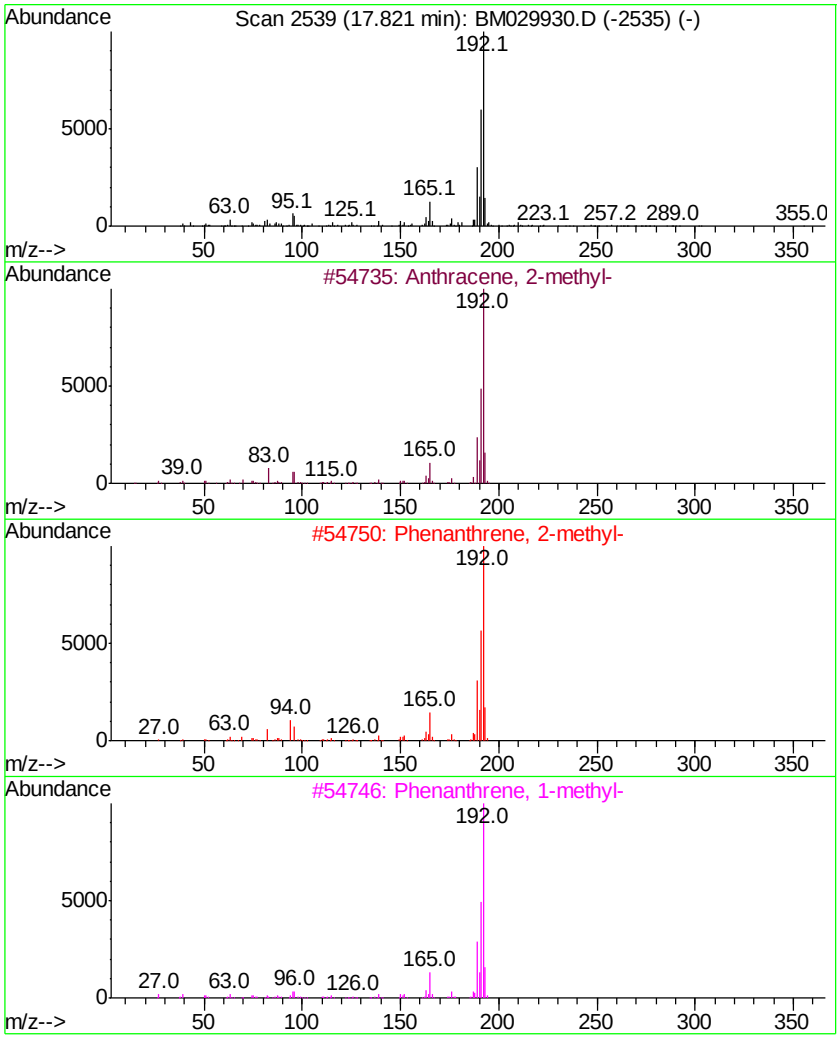
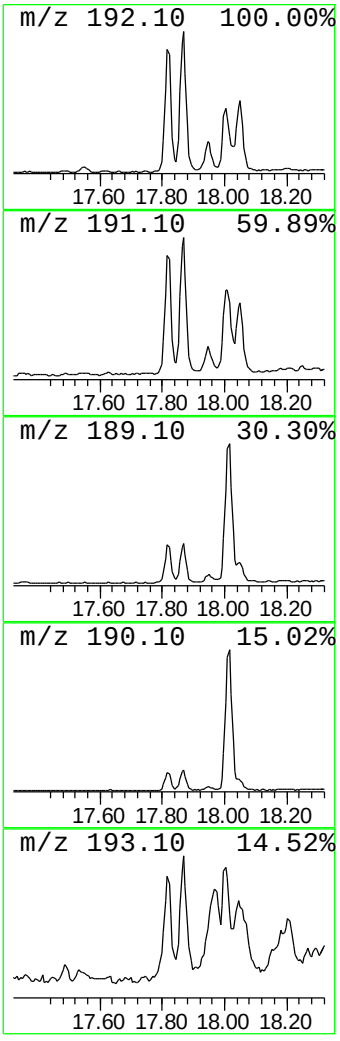
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.25 ng/ul	365958	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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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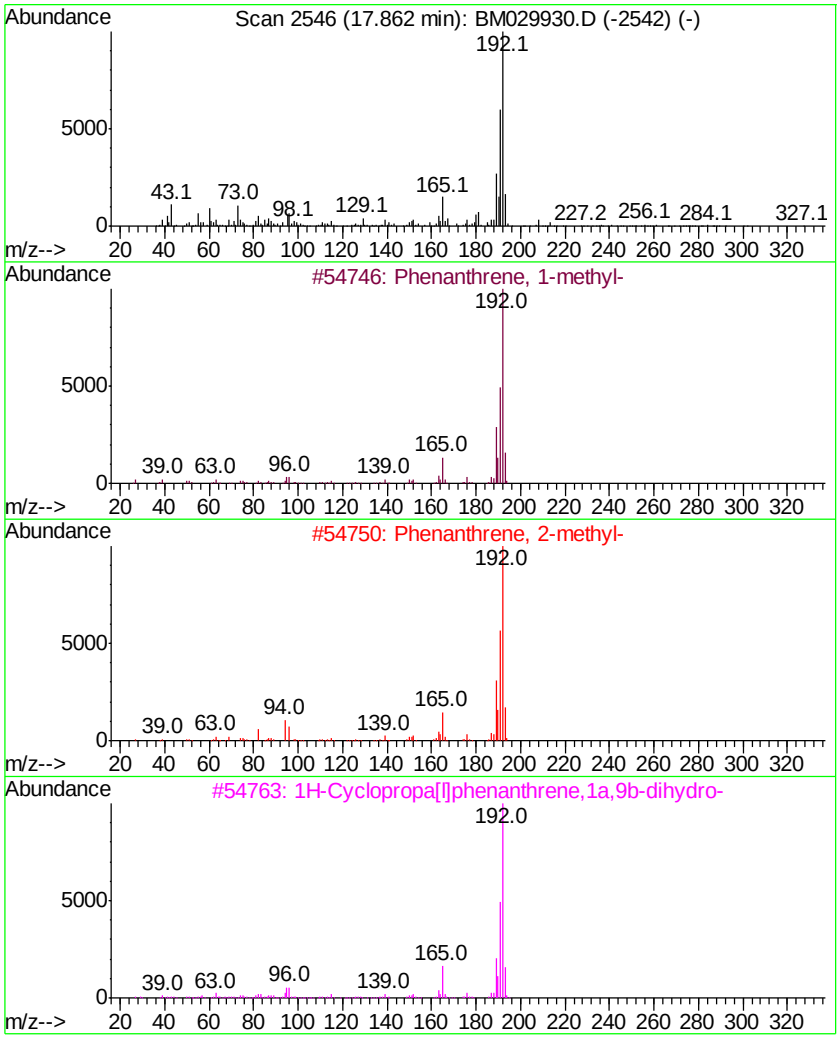
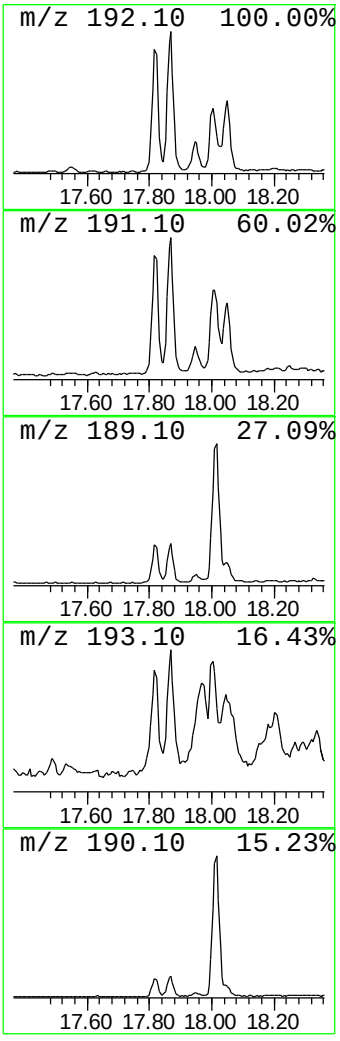
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	7.48 ng/ul	842448	Phenanthrene-d10	16.94

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





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Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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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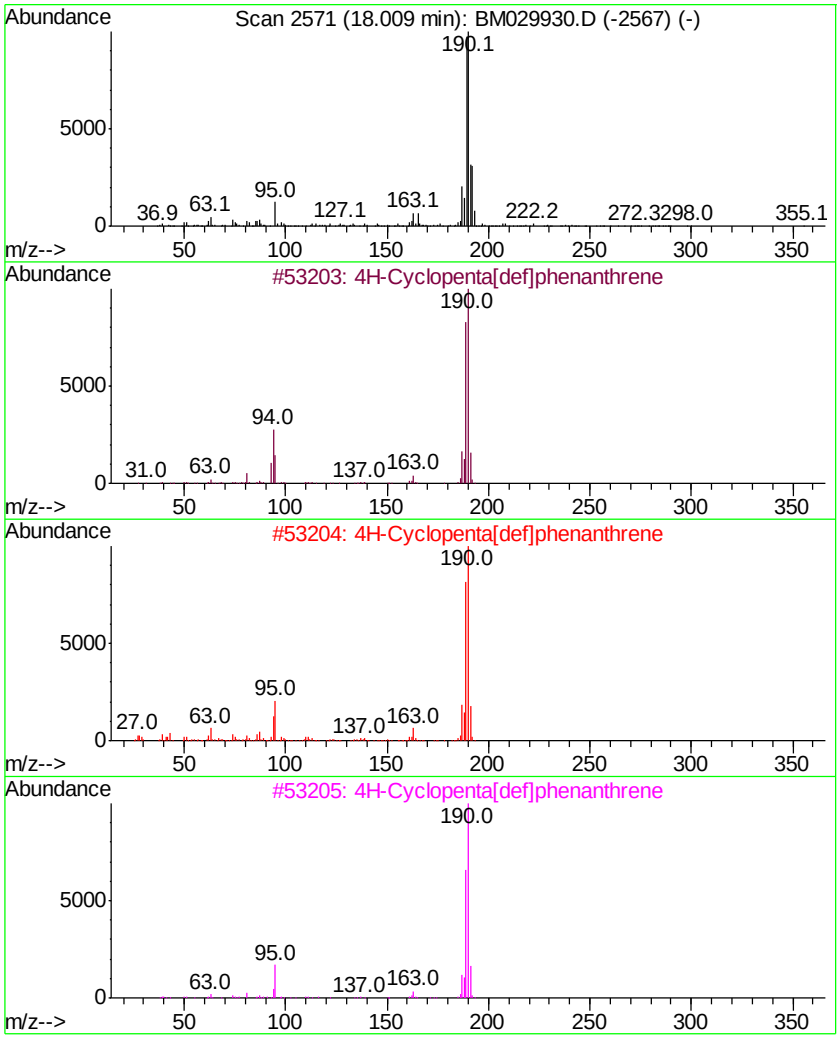
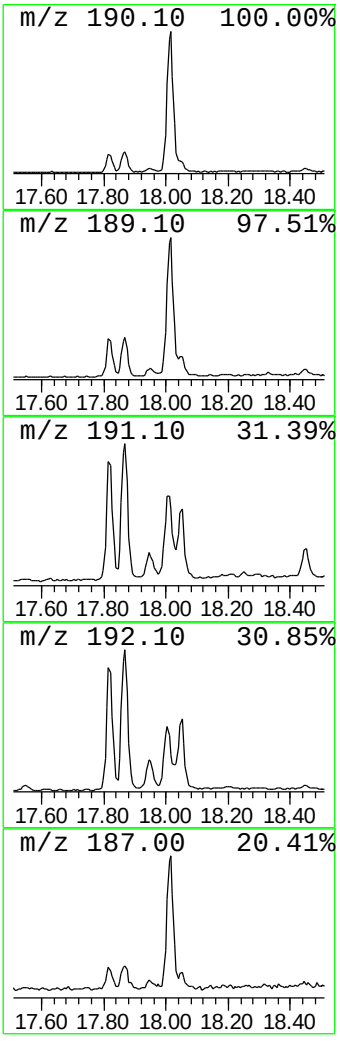
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.54 ng/ul	623003	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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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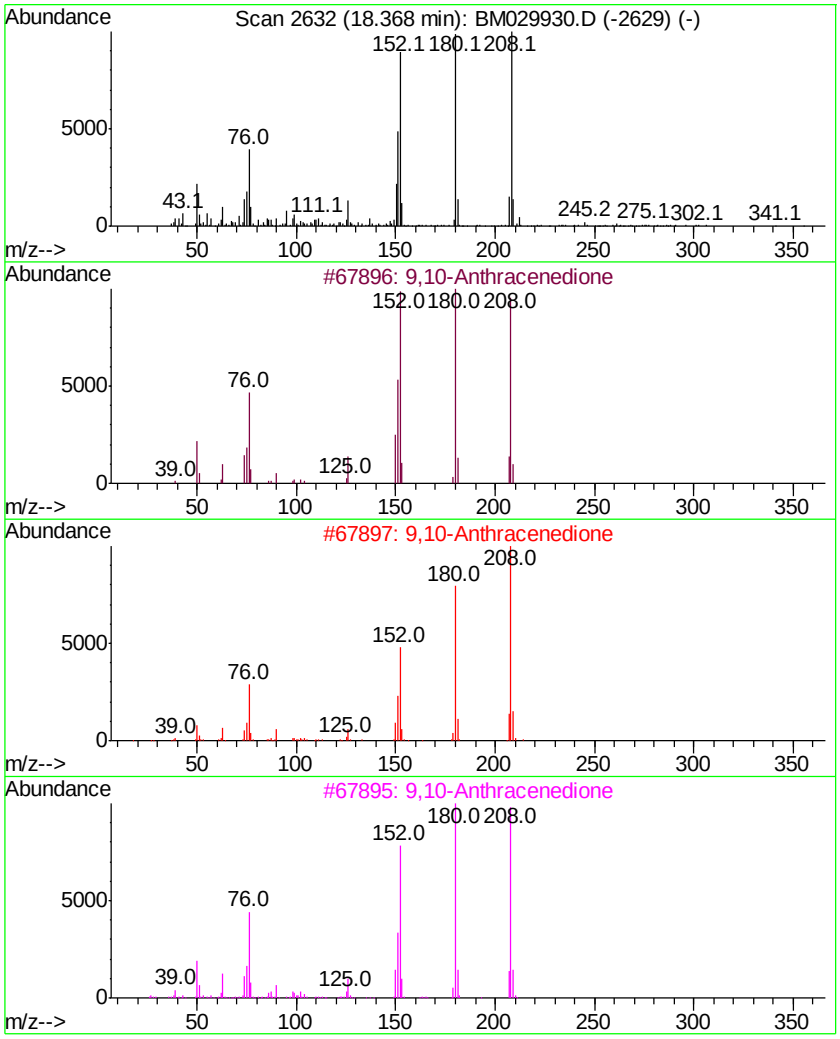
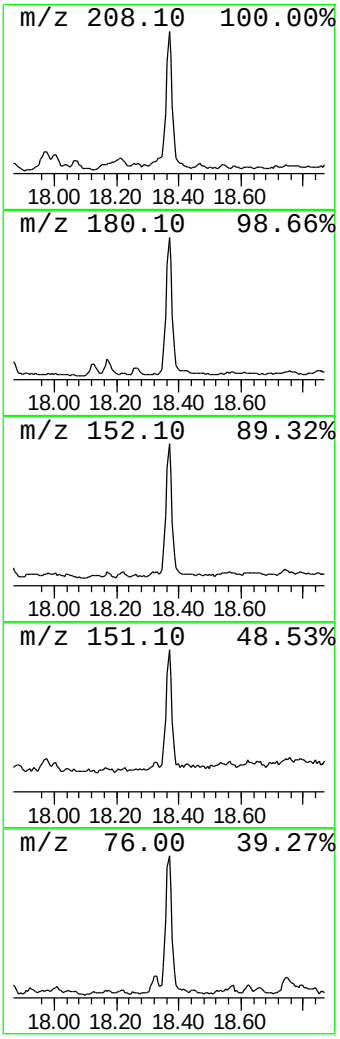
Peak Number 13 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.88 ng/ul	662137	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





Tentatively Identified Compound (LSC) summary

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Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG584

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...	8.08	3.3	ng/ul	162984	1	7.55	993182	20.0
(DEL) Alkane: Str...	11.36	2.2	ng/ul	173801	2	10.32	1580910	20.0
unknown-01	14.02	3.2	ng/ul	327979	3	14.20	2024210	20.0
unknown-02	14.99	2.8	ng/ul	280580	3	14.20	2024210	20.0
[1,1'-Biphenyl]-4...	15.54	2.5	ng/ul	251911	3	14.20	2024210	20.0
(DEL) Alkane: Str...	15.95	6.2	ng/ul	694345	4	16.94	2251030	20.0
Benzophenone, 3-m...	16.04	2.4	ng/ul	265969	4	16.94	2251030	20.0
9H-Fluoren-9-one	16.60	5.0	ng/ul	560910	4	16.94	2251030	20.0
Dibenzothiophene	16.77	6.4	ng/ul	716036	4	16.94	2251030	20.0
Anthracene, 2-met...	17.82	3.3	ng/ul	365958	4	16.94	2251030	20.0
Phenanthrene, 1-m...	17.86	7.5	ng/ul	842448	4	16.94	2251030	20.0
4H-Cyclopenta[def...	18.01	5.5	ng/ul	623003	4	16.94	2251030	20.0
9,10-Anthracenedione	18.37	5.9	ng/ul	662137	4	16.94	2251030	20.0