LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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	3.534	105	110	114	rBV3	38644	86264	2.38%	0.189%
2	3.693	133	137	144	rVB2	25494	43596	1.20%	0.096%
3	3.781	148	152	162	rVB3	15456	28045	0.77%	0.061%
4	5.834	494	501	509	rBV5	20989	49479	1.37%	0.108%
5	5.963	514	523	529	rVB6	12522	28030	0.77%	0.061%
6	6.046	531	537	544	rVB4	24876	43253	1.19%	0.095%
7	6.116	544	549	554	rBV	41868	68061	1.88%	0.149%
8	6.199	559	563	564	rVV2	20678	31580	0.87%	0.069%
9	6.228	564	568	573	rVV	34951	62113	1.72%	0.136%
10	6.551	618	623	629	rVB	75983	110726	3.06%	0.243%
11	6.651	635	640	643	rBV5	24750	39251	1.08%	0.086%
12	6.693	643	647	649	rVV3	24270	38153	1.05%	0.084%
13	6.740	650	655	670	rVV	293925	673688	18.61%	1.476%
14	6.899	674	682	691	rBV	252579	506842	14.00%	1.111%
15	7.034	702	705	709	rVV4	16727	27128	0.75%	0.059%
16	7.087	709	714	726	rVB	369660	715535	19.76%	1.568%
17	7.204	726	734	741	rVB2	55342	106475	2.94%	0.233%
18	7.269	741	745	750	rVB4	18225	32655	0.90%	0.072%
19	7.357	756	760	763	rBV4	24107	41567	1.15%	0.091%
20	7.387	763	765	769	rVB3	23404	26745	0.74%	0.059%
21	7.446	771	775	778	rBV2	28926	50352	1.39%	0.110%
22	7.551	784	793	800	rBV2	499884	880486	24.32%	1.930%
23	7.669	809	813	819	rBV4	38879	67233	1.86%	0.147%
24	7.740	820	825	827	rBV4	52090	69407	1.92%	0.152%
25	7.775	827	831	834	rBV	89355	112906	3.12%	0.247%
26	7.893	848	851	855	rBV2	18902	26550	0.73%	0.058%
27	7.981	862	866	871	rVB6	28649	43573	1.20%	0.095%
28	8.045	871	877	879	rBV5	30413	61738	1.71%	0.135%
29	8.087	879	884	896	rVB3	138620	315232	8.71%	0.691%
30	8.187	896	901	904	rBV	91945	154095	4.26%	0.338%
31	8.216	904	906	911	rVB	44993	62298	1.72%	0.137%
32	8.269	911	915	923	rBV	344290	575239	15.89%	1.261%
33	8.422	934	941	944	rBV2	45960	82700	2.28%	0.181%
34	8.498	950	954	958	rBV	45490	75586	2.09%	0.166%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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	8.545	958	962	970	rVV3	32667	61213	1.69%	0.134%
36	8.645	971	979	984	rBV2	111761	214023	5.91%	0.469%
37	8.710	984	990	999	rBV	320674	676311	18.68%	1.482%
38	8.857	1010	1015	1017	rBV3	67121	111889	3.09%	0.245%
39	8.898	1017	1022	1027	rVB3	97970	204926	5.66%	0.449%
40	8.975	1027	1035	1046	rBV10	61231	229946	6.35%	0.504%
41	9.122	1054	1060	1064	rBV4	65152	110868	3.06%	0.243%
42	9.169	1064	1068	1074	rVV3	112673	224085	6.19%	0.491%
43	9.228	1074	1078	1087	rVV3	136477	315985	8.73%	0.693%
44	9.304	1088	1091	1096	rVB	46292	61187	1.69%	0.134%
45	9.422	1104	1111	1122	rBV4	346903	808759	22.34%	1.772%
46	9.510	1122	1126	1135	rVB5	114990	278883	7.70%	0.611%
47	9.616	1141	1144	1148	rVB2	38049	48787	1.35%	0.107%
48	9.687	1152	1156	1159	rVV5	39073	68357	1.89%	0.150%
49	9.734	1159	1164	1169	rVV2	129962	262115	7.24%	0.574%
50	9.804	1173	1176	1184	rVB4	74449	142149	3.93%	0.312%
51	9.916	1190	1195	1199	rBV7	71614	129160	3.57%	0.283%
52	9.963	1199	1203	1211	rVB	341374	569366	15.72%	1.248%
53	10.034	1211	1215	1218	rBV	57029	79524	2.20%	0.174%
54	10.192	1238	1242	1245	rBV3	44812	76499	2.11%	0.168%
55	10.228	1245	1248	1253	rVV4	55956	110933	3.06%	0.243%
56	10.328	1254	1265	1270	rVV	814360	1648932	45.54%	3.614%
57	10.375	1270	1273	1281	rVV3	153209	336573	9.30%	0.738%
58	10.445	1281	1285	1287	rVV2	81426	126015	3.48%	0.276%
59	10.486	1287	1292	1299	rVV3	275213	675337	18.65%	1.480%
60	10.545	1300	1302	1310	rVB5	63121	124420	3.44%	0.273%
61	10.728	1327	1333	1337	rBV3	60849	134780	3.72%	0.295%
62	10.816	1343	1348	1352	rVB2	92869	139152	3.84%	0.305%
63	10.886	1358	1360	1366	rVB6	25165	41844	1.16%	0.092%
64	10.998	1374	1379	1382	rBV6	76780	152138	4.20%	0.333%
65	11.163	1402	1407	1414	rBV8	48922	130289	3.60%	0.286%
66	11.245	1416	1421	1428	rVB6	76057	196454	5.43%	0.431%
67	11.357	1435	1440	1445	rBV	357713	605388	16.72%	1.327%
68	11.610	1476	1483	1488	rBV5	96789	188387	5.20%	0.413%
69	11.904	1530	1533	1536	rBV4	34235	42553	1.18%	0.093%
70	11.939	1537	1539	1540	rBV2	31660	28361	0.78%	0.062%
71	12.063	1555	1560	1564	rBV4	74962	146835	4.06%	0.322%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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	12.133	1568	1572	1575	rBV2	68171	98312	2.72%	0.215%
73	12.222	1581	1587	1590	rBV	117379	217662	6.01%	0.477%
74	12.469	1625	1629	1635	rVB4	86466	171463	4.74%	0.376%
75	12.686	1661	1666	1670	rBV3	95483	200749	5.54%	0.440%
76	12.733	1670	1674	1679	rVV	480413	659778	18.22%	1.446%
77	12.969	1711	1714	1717	rBV2	92870	106289	2.94%	0.233%
78	13.004	1717	1720	1723	rVV	81693	97407	2.69%	0.213%
79	13.051	1725	1728	1731	rVB4	89764	111447	3.08%	0.244%
80	13.122	1736	1740	1744	rBV2	92013	127227	3.51%	0.279%
81	13.616	1819	1824	1829	rBV	1149156	1665856	46.01%	3.651%
82	13.692	1833	1837	1841	rVB2	651886	874914	24.16%	1.917%
83	13.892	1866	1871	1876	rBV	909679	1333547	36.83%	2.923%
84	14.027	1890	1894	1902	rVB2	284679	569629	15.73%	1.248%
85	14.104	1903	1907	1909	rBV4	107333	175862	4.86%	0.385%
86	14.163	1913	1917	1918	rVV2	126339	168571	4.66%	0.369%
87	14.198	1918	1923	1933	rVB	1239281	2035267	56.21%	4.460%
88	14.739	2011	2015	2020	rVB3	258813	383980	10.60%	0.842%
89	14.986	2052	2057	2062	rBV5	234940	385978	10.66%	0.846%
90	15.198	2088	2093	2098	rVB	1325605	1887240	52.12%	4.136%
91	15.474	2135	2140	2145	rBV2	589898	944233	26.08%	2.069%
92	15.957	2214	2222	2232	rBV	1243476	2159036	59.63%	4.732%
93	16.774	2357	2361	2369	rVB	889960	1409531	38.93%	3.089%
94	16.945	2386	2390	2395	rBV	1283839	1917913	52.97%	4.203%
95	17.045	2402	2407	2416	rVB	1412078	2035611	56.22%	4.461%
96	19.009	2738	2741	2745	rVB	450390	523497	14.46%	1.147%
97	19.345	2793	2798	2801	rBV	1496564	2239773	61.86%	4.909%
98	21.062	3086	3090	3096	rVB	3057560	3306006	91.30%	7.245%
99	21.133	3099	3102	3106	rVB	1161902	1362605	37.63%	2.986%
100	25.433	3826	3833	3847	rVB2	1372933	3620862	100.00%	7.935%

Sum of corrected areas: 45629249

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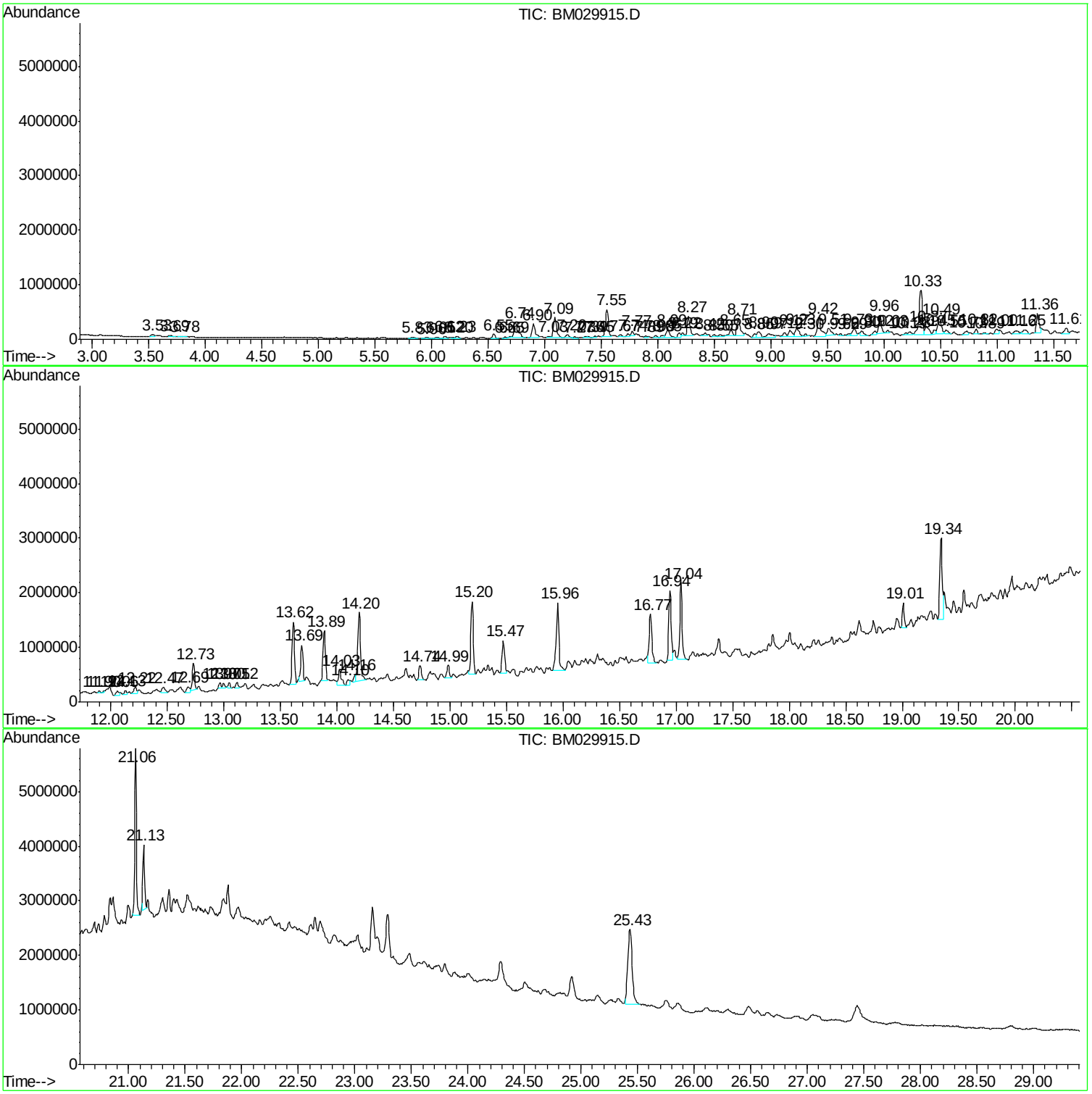
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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\
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Instrument : BNA_M
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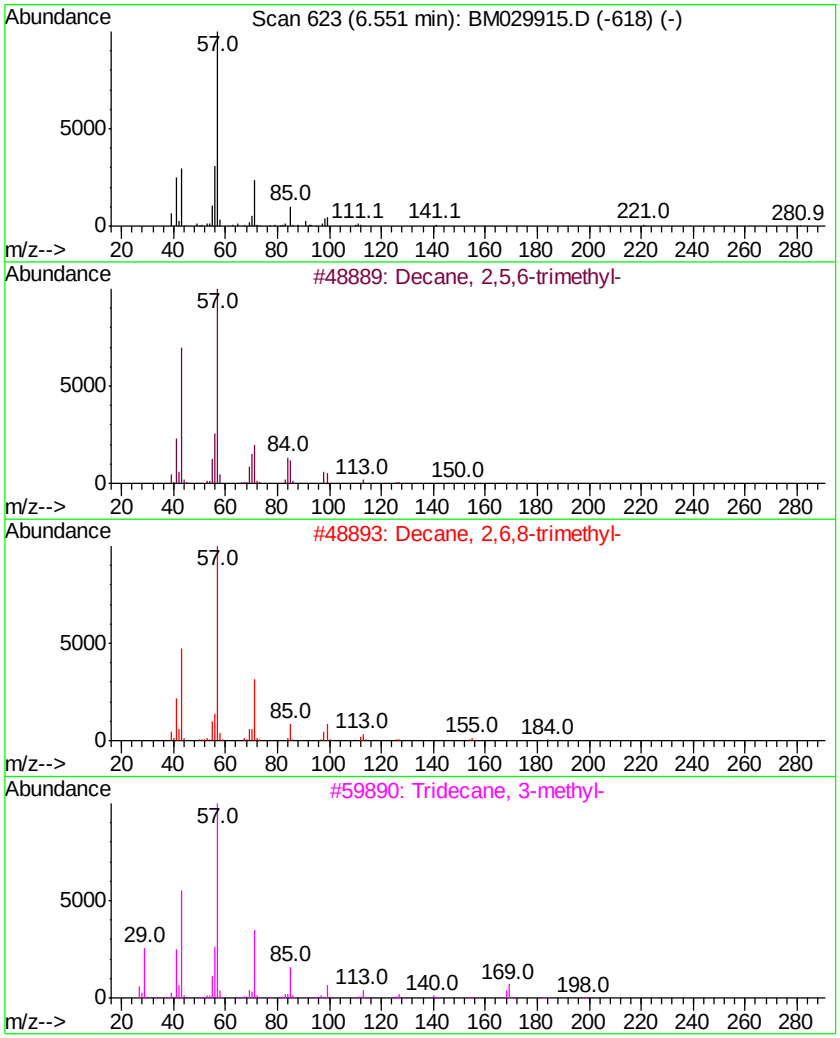
Quant Title : SVOA CALIBRATION

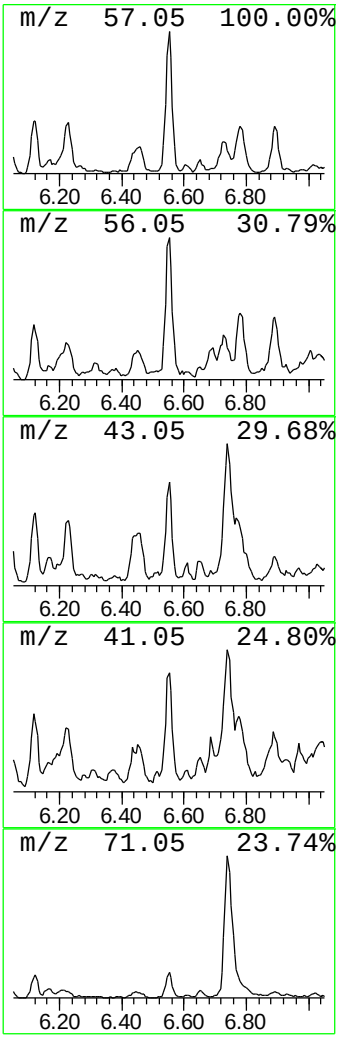
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	2.52 ng/ul	110726	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	45
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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

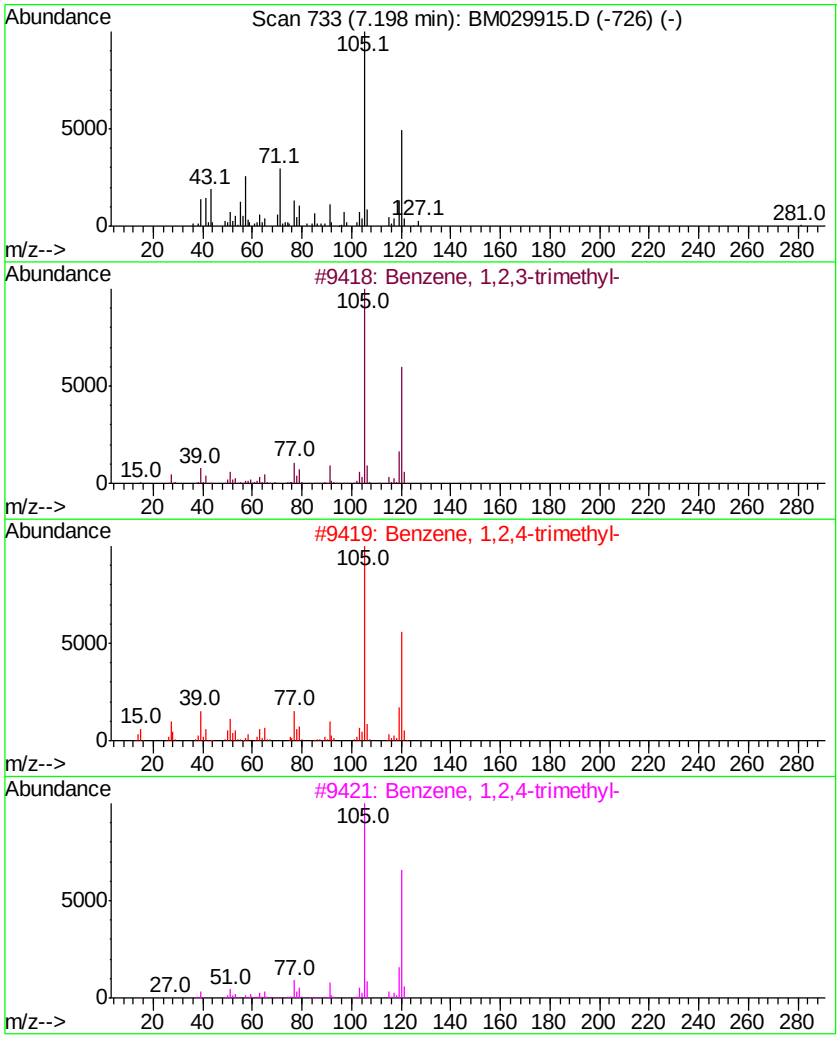
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

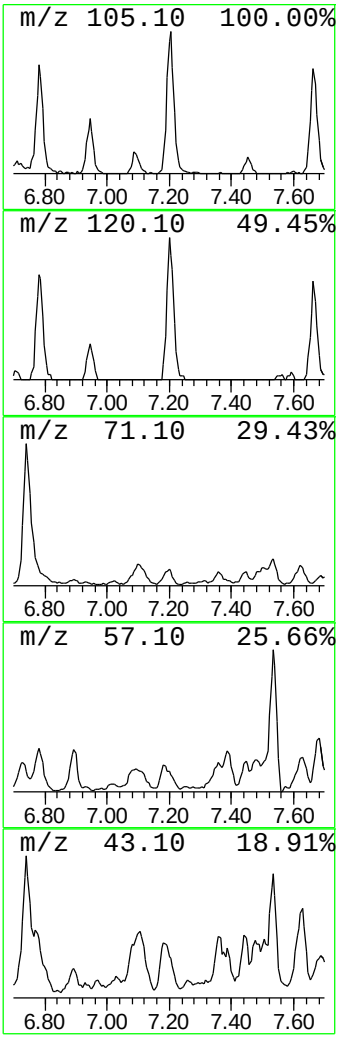
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	2.42 ng/ul	106475	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
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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

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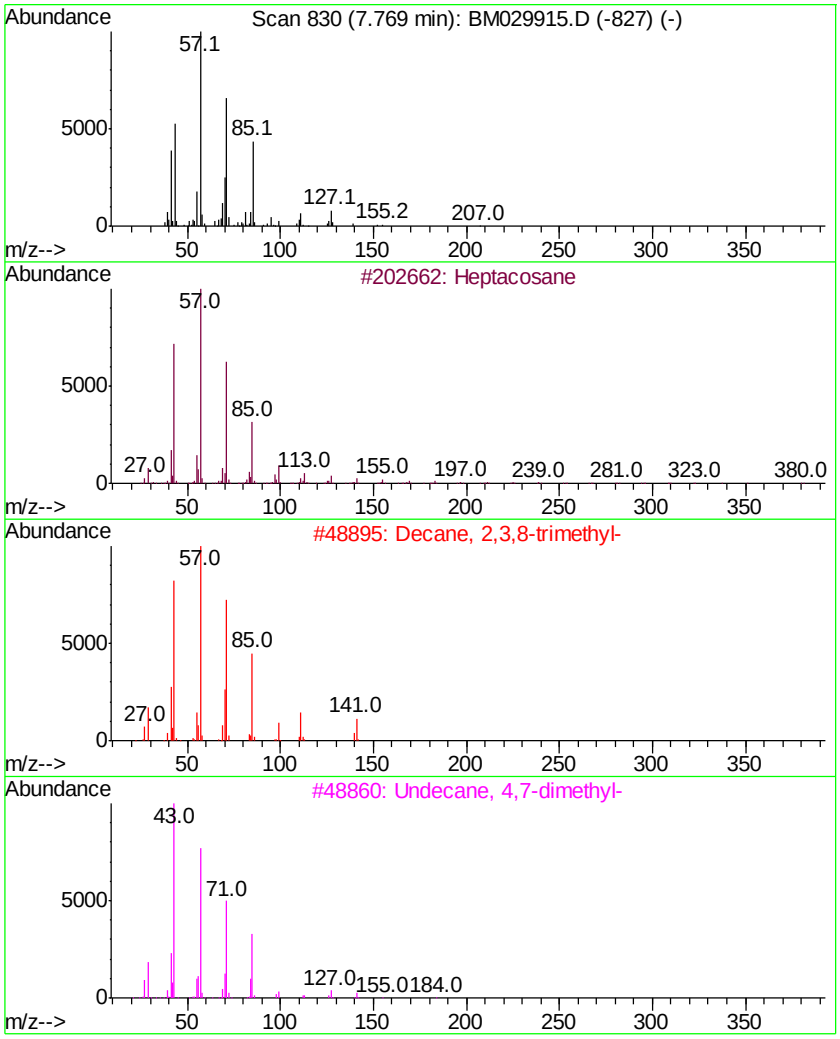
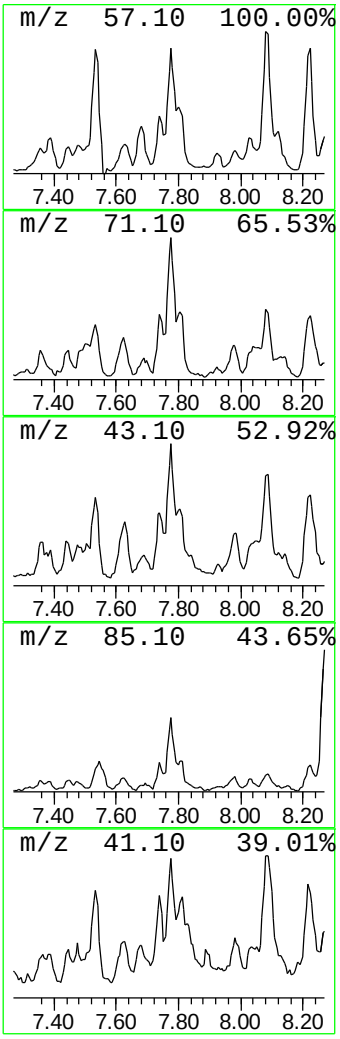
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.56 ng/ul	112906	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59
4	Tetratetracontane	619	C44H90	007098-22-8	59
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
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Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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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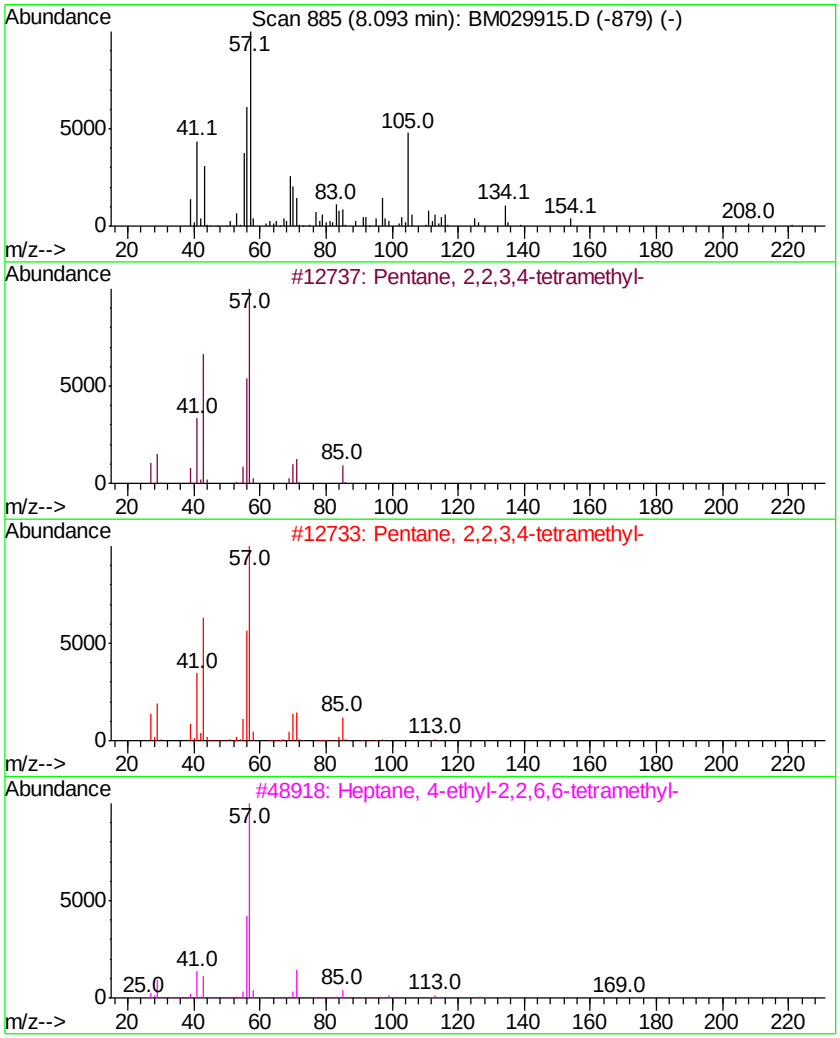
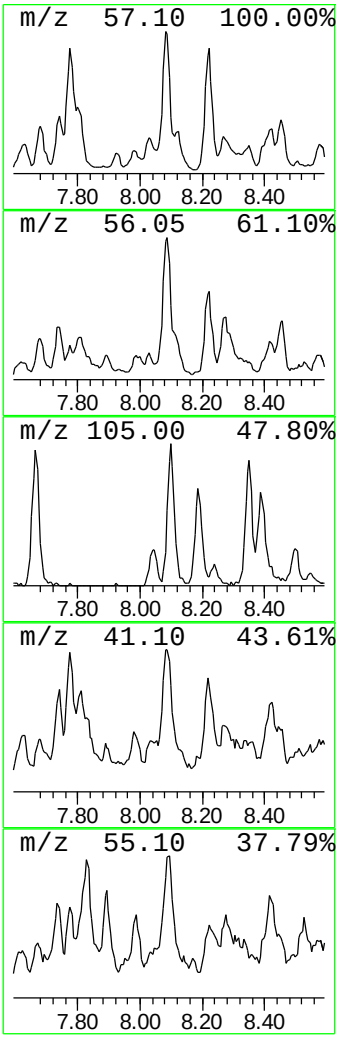
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	7.16 ng/ul	315232	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	50
4	2,2-Dimethyloctadecane	282	C20H42	1000360-43-2	50
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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

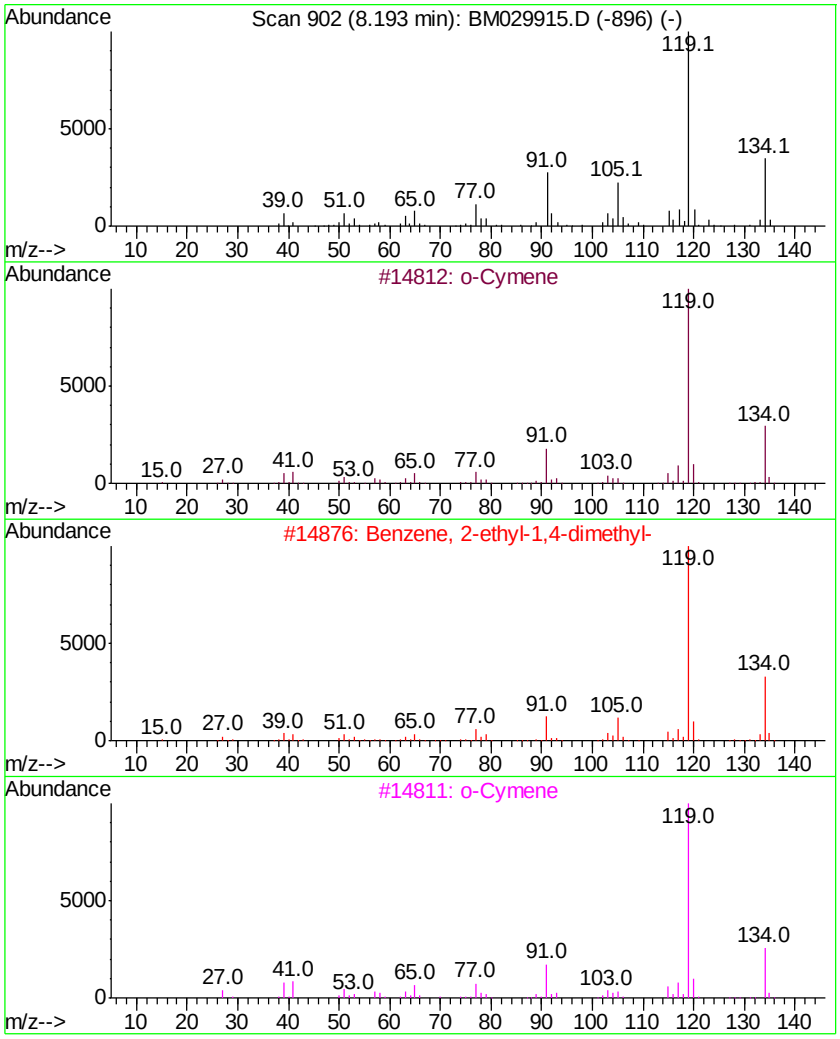
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

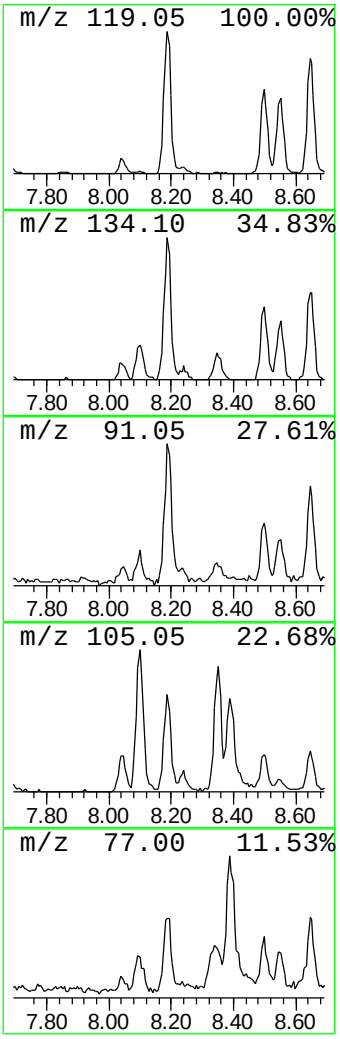
****

Peak Number 5 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.50 ng/ul	154095	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	p-Cymene	134	C10H14	000099-87-6	93





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Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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

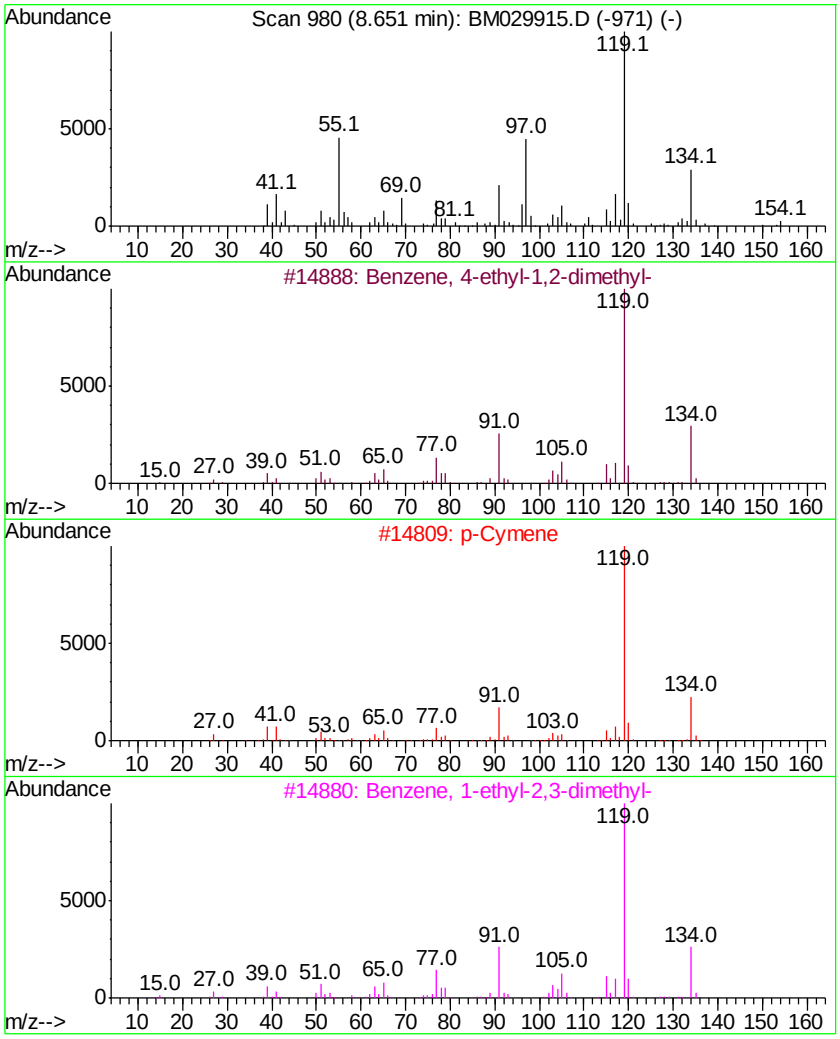
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

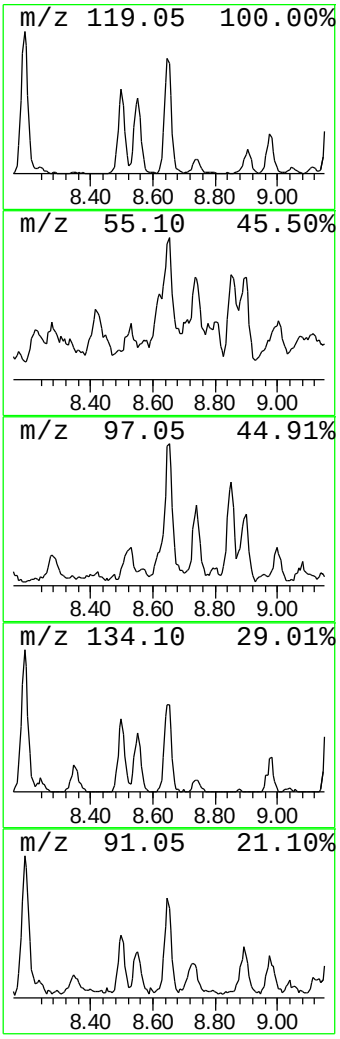
****

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	4.86 ng/ul	214023	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92





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Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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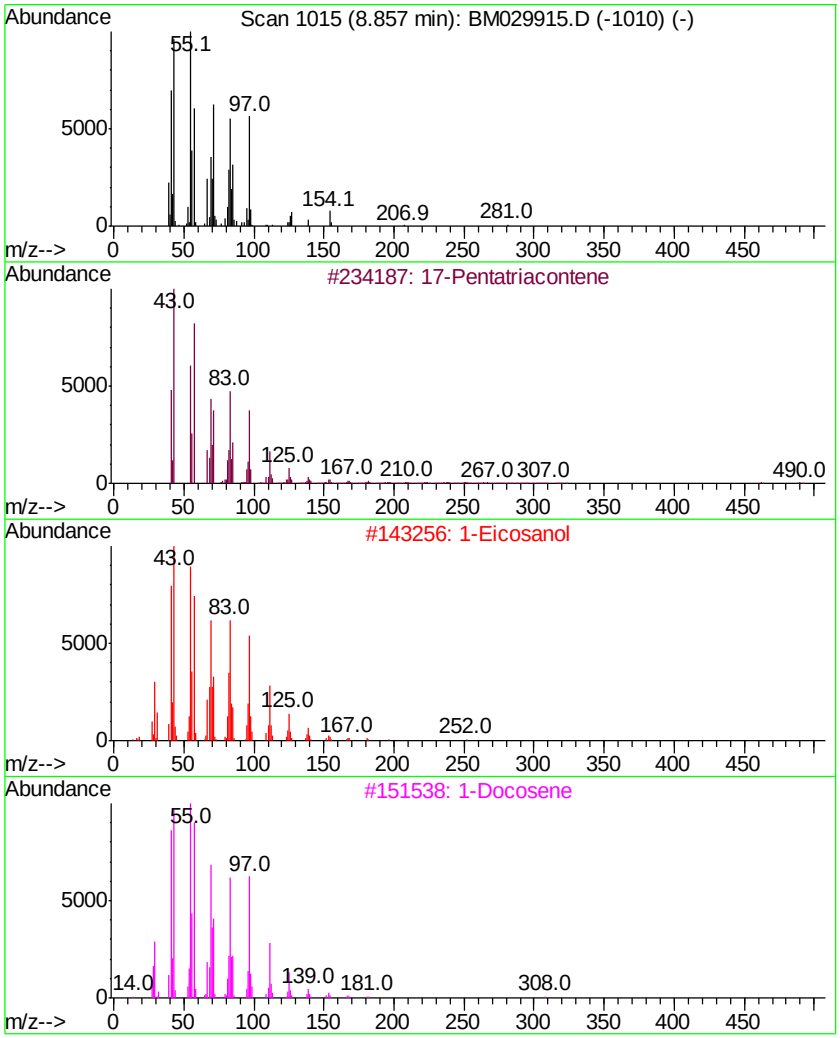
Quant Title : SVOA CALIBRATION

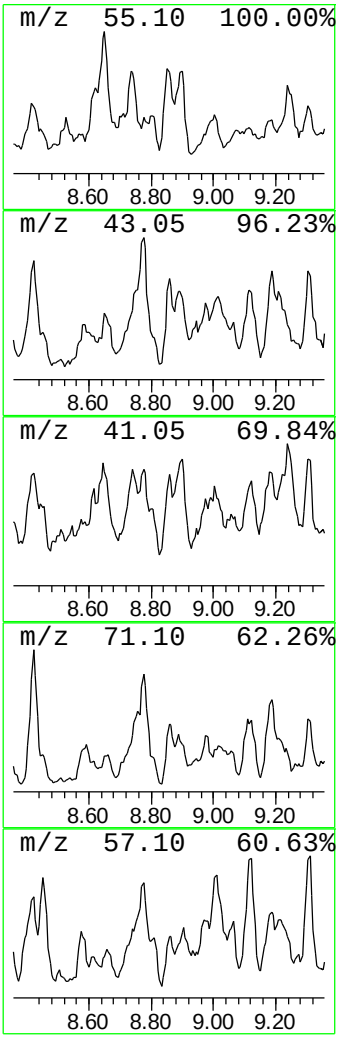
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	2.54 ng/ul	111889	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	1-Eicosanol	298	C20H42O	000629-96-9	80
3	1-Docosene	308	C22H44	001599-67-3	64
4	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	43
5	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	35





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Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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Quant Title : SVOA CALIBRATION

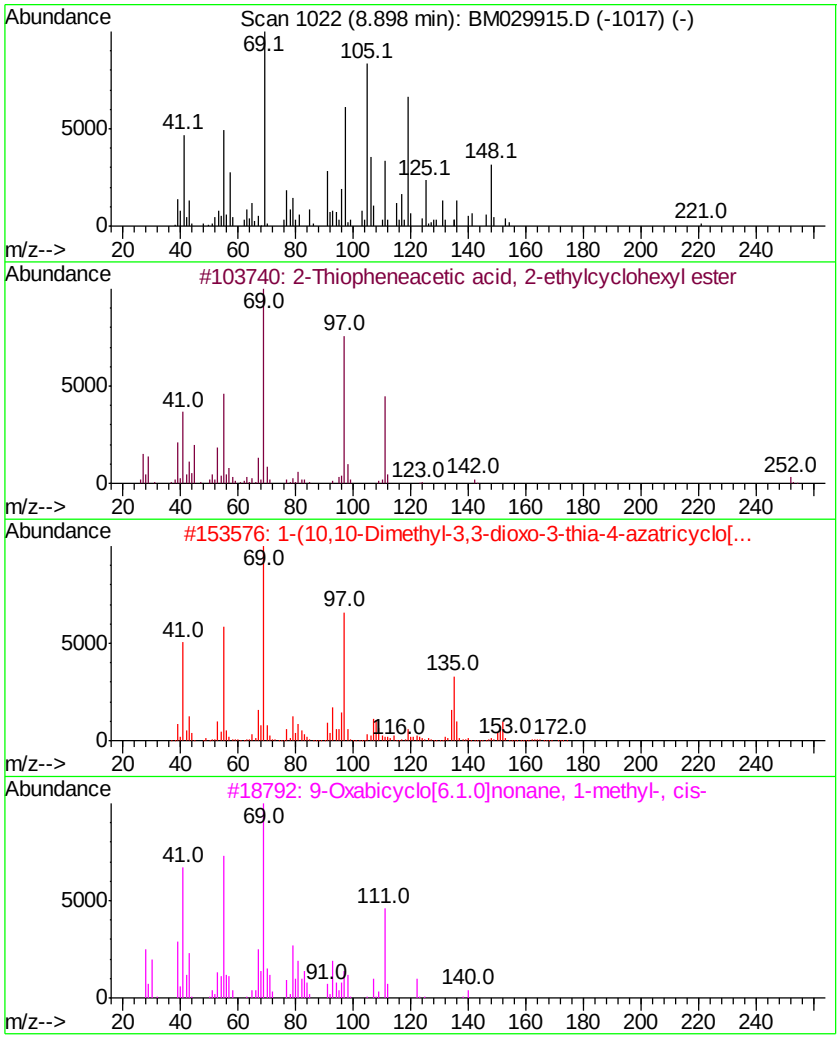
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

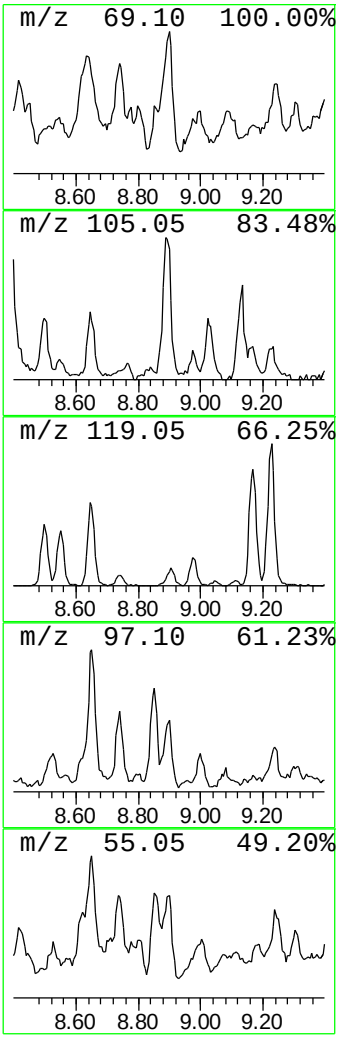
****

Peak Number 8 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	4.65 ng/ul	204926	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	32
2	1-(10,10-Dimethyl-3,3-dioxo-3-th...	311	C16H25NO3S	1000210-42-6	25
3	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	16
4	Silane, trichloro(2-methyl-2-but...	202	C5H9Cl3Si	018163-57-0	14
5	1,4-Butylene glycol dimethacrylate	226	C12H18O4	002082-81-7	14





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Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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Quant Title : SVOA CALIBRATION

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

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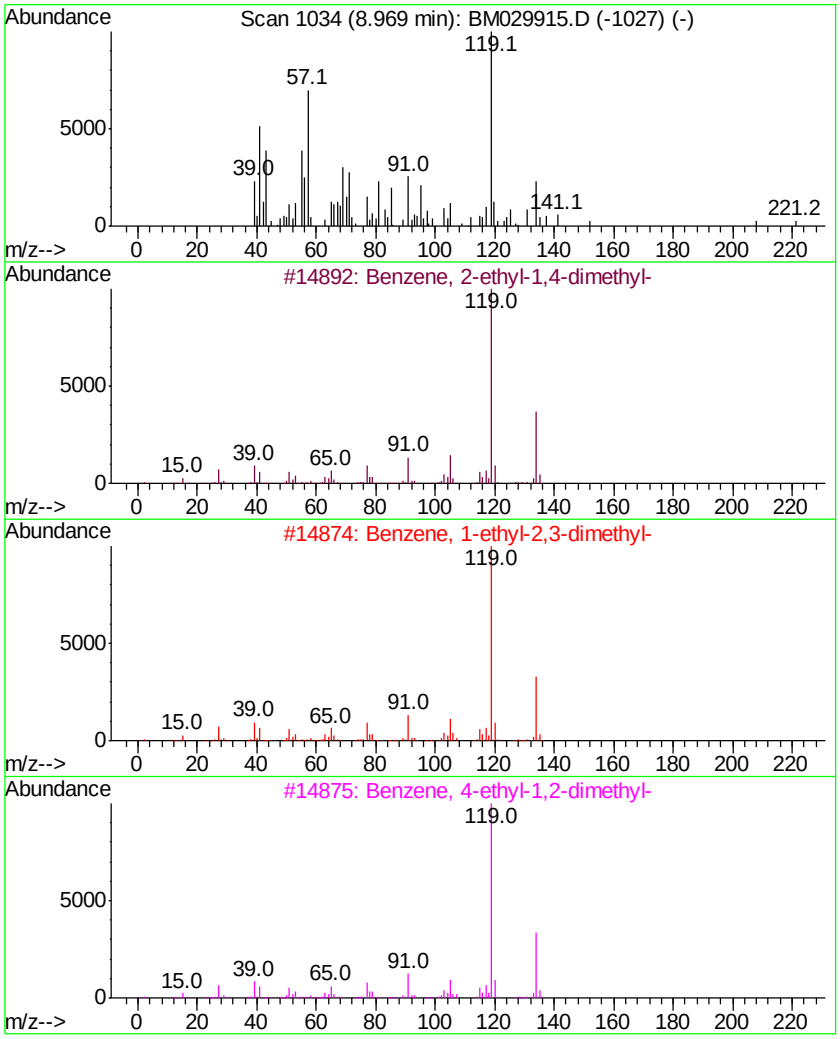
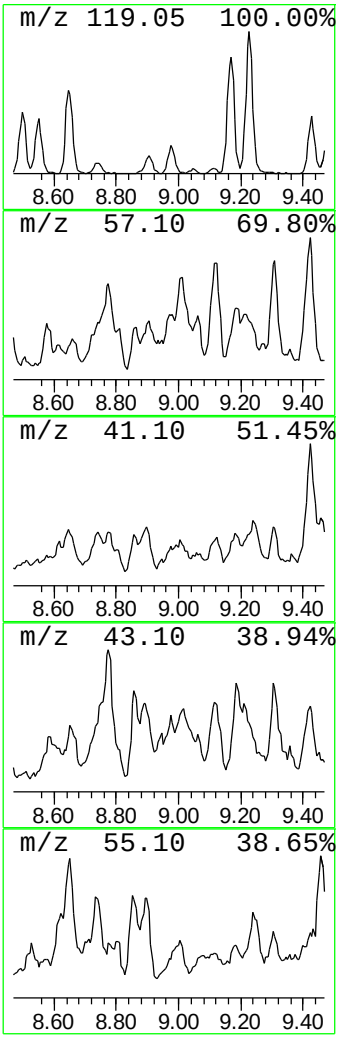
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.79 ng/ul	229946	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





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Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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Quant Title : SVOA CALIBRATION

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

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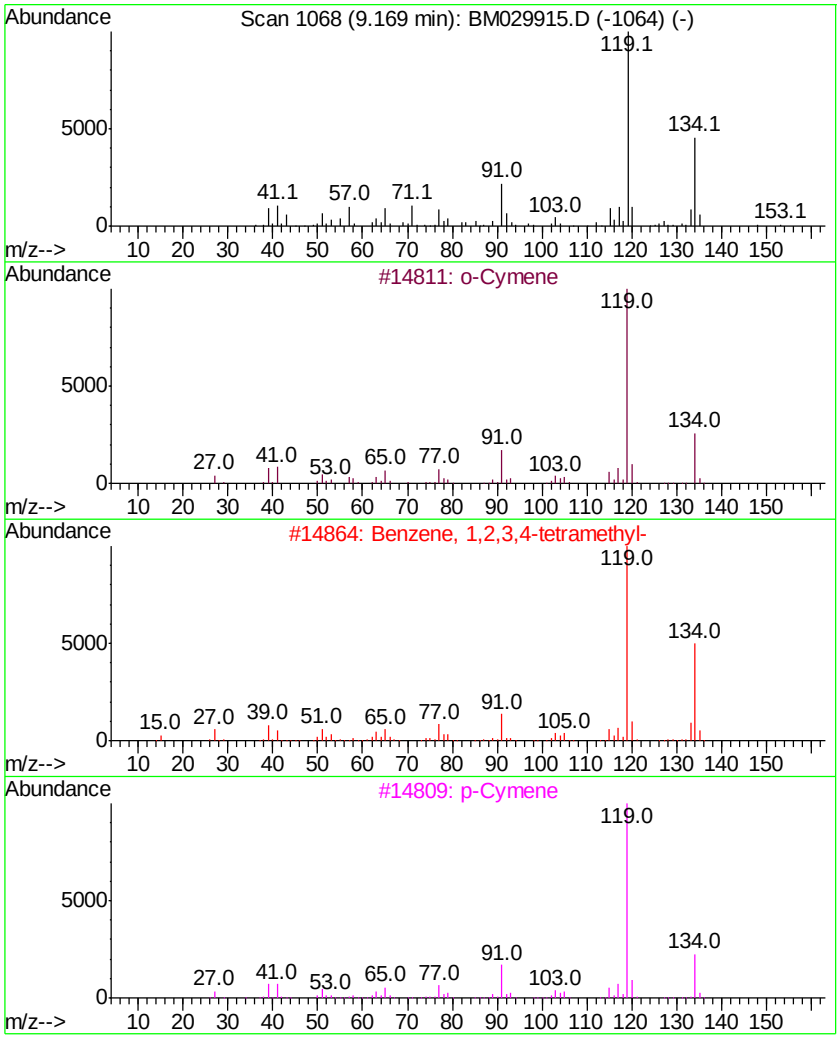
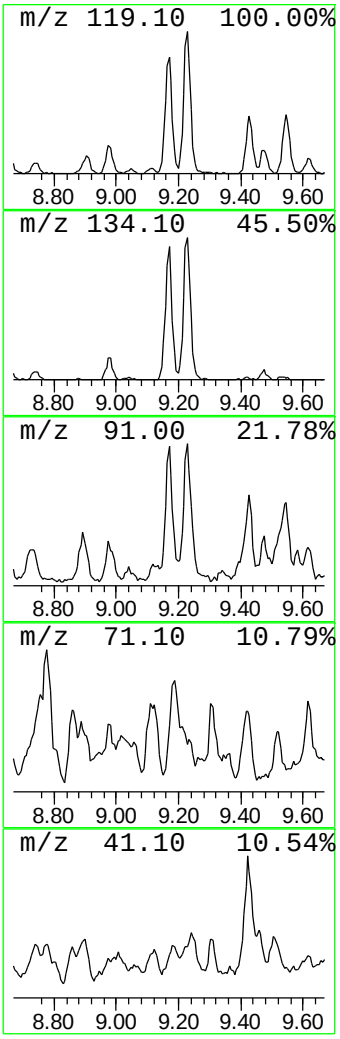
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.72 ng/ul	224085	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

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Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
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Instrument : BNA_M
ClientSampleId : BG583

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Quant Title : SVOA CALIBRATION

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

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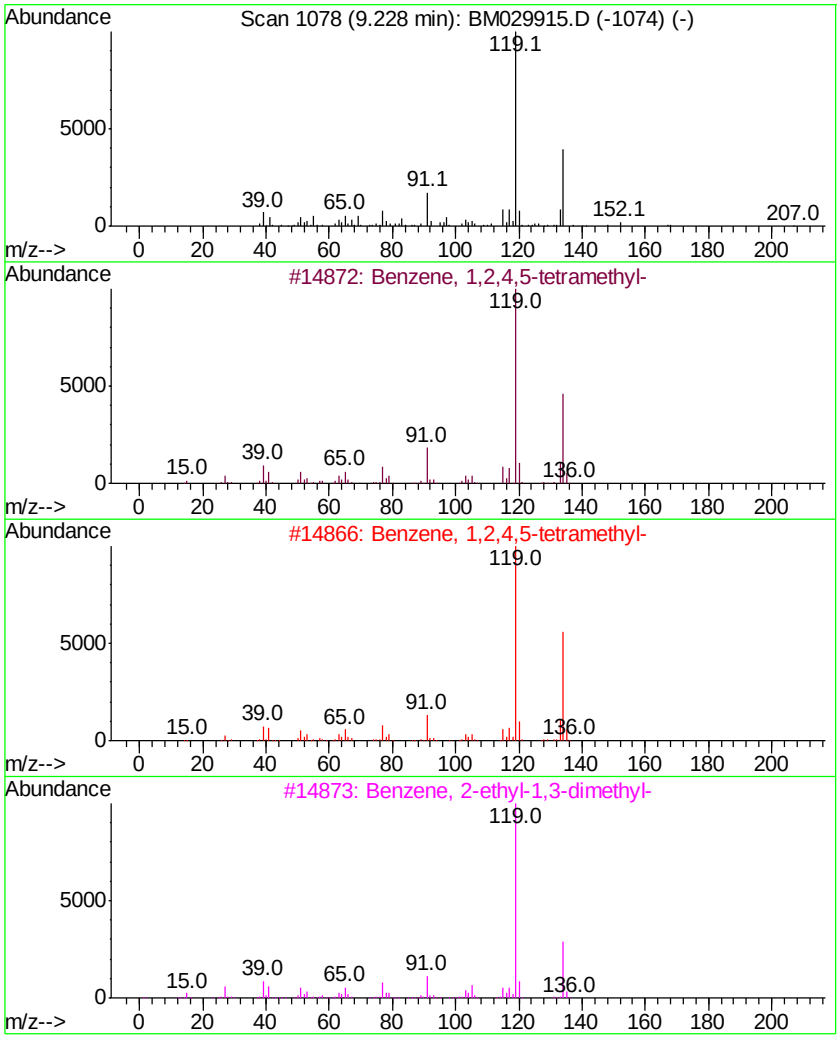
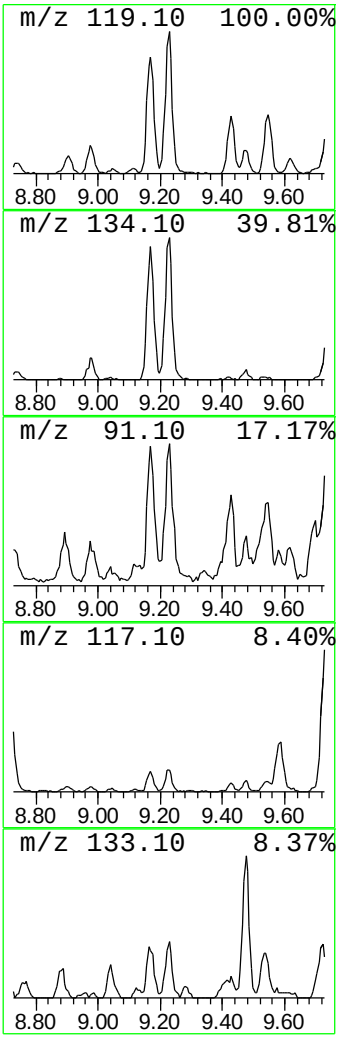
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	3.83 ng/ul	315985	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





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Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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Quant Title : SVOA CALIBRATION

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

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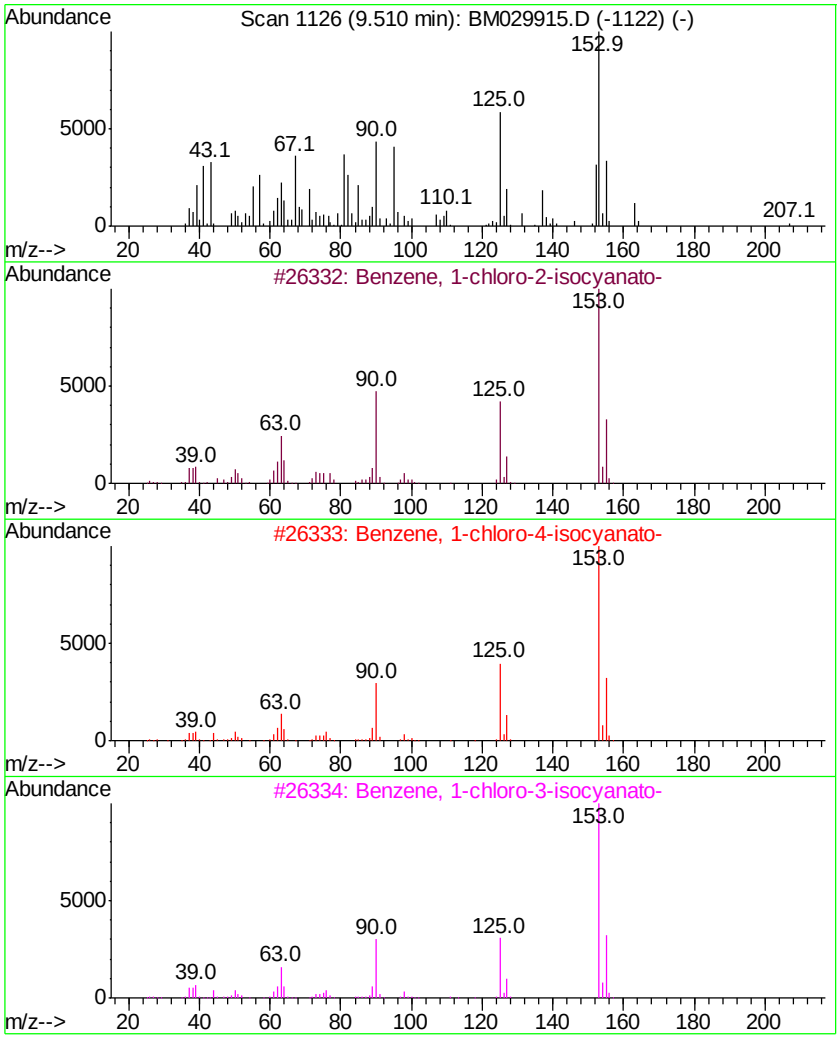
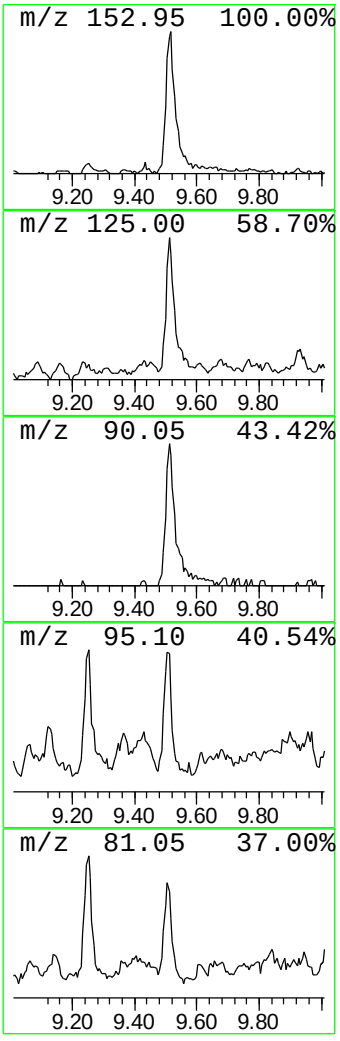
Peak Number 12 Benzene, 1-chloro-2-isocyan... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	3.38 ng/ul	278883	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-isocyanato-	153	C7H4ClNO	003320-83-0	91
2	Benzene, 1-chloro-4-isocyanato-	153	C7H4ClNO	000104-12-1	90
3	Benzene, 1-chloro-3-isocyanato-	153	C7H4ClNO	002909-38-8	70
4	Benzene, 1-chloro-3-isocyanato-	153	C7H4ClNO	002909-38-8	64
5	1H-Benzotriazole, 5-chloro-	153	C6H4ClN3	000094-97-3	60





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Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

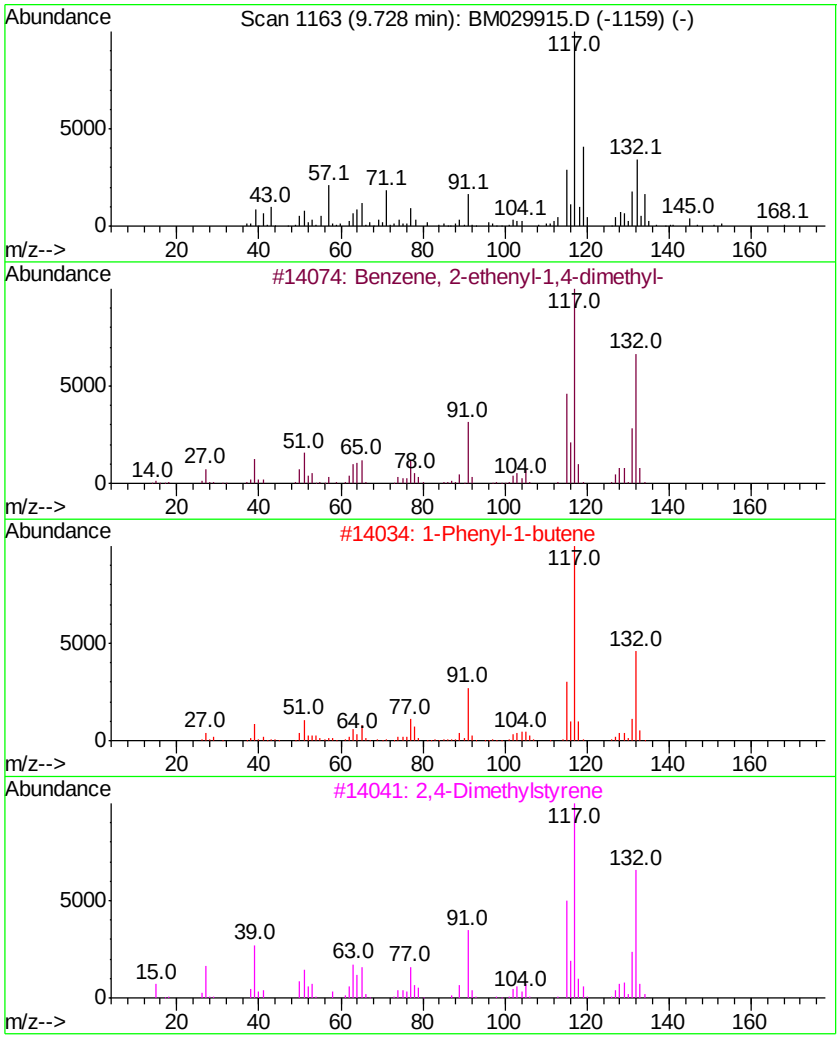
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

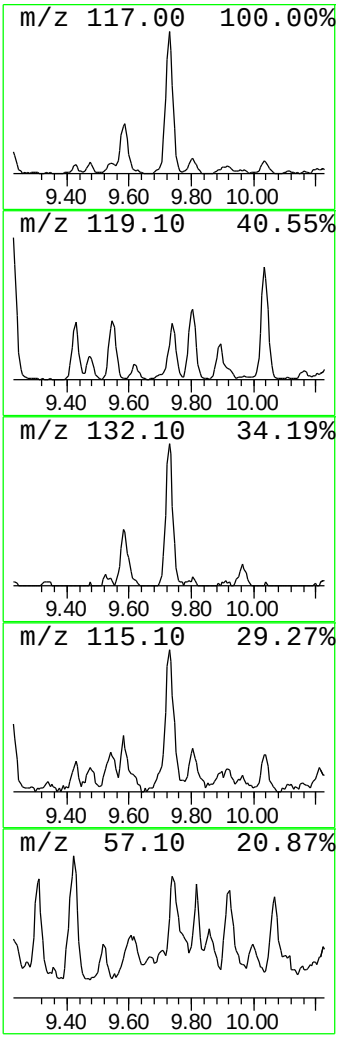
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.18 ng/ul	262115	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60





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Sample : M2177-06
Misc :
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Instrument : BNA_M
ClientSampleId : BG583

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Quant Title : SVOA CALIBRATION

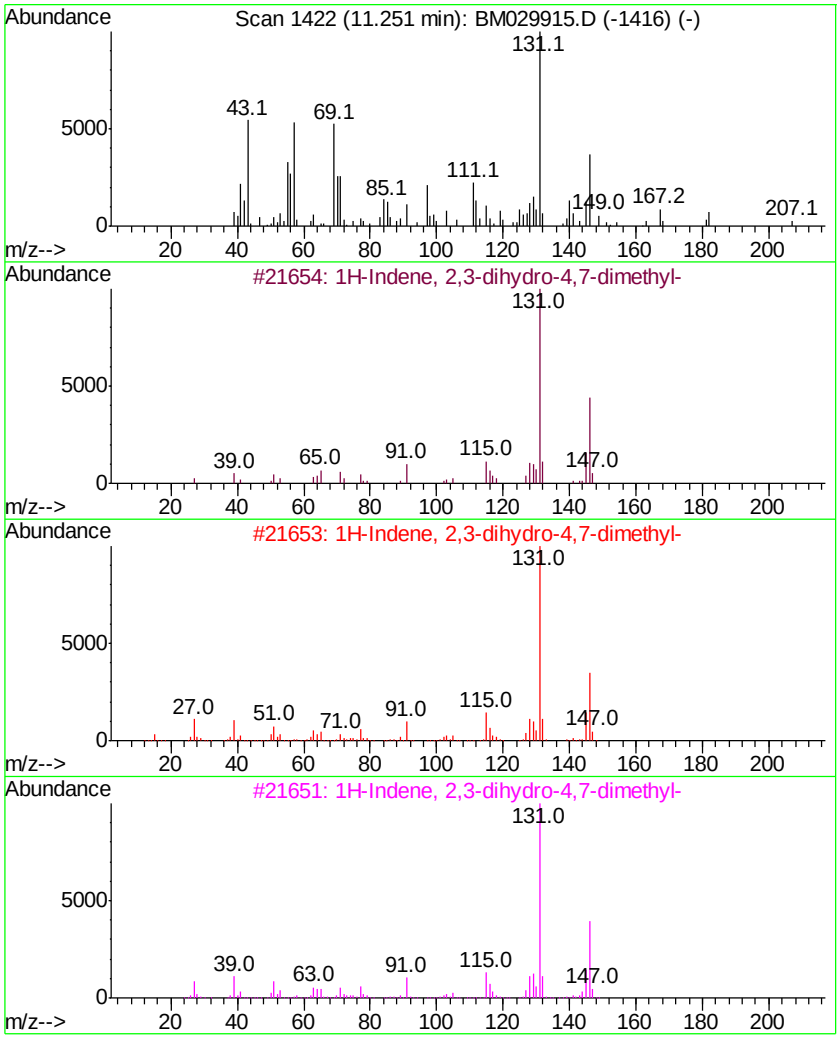
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

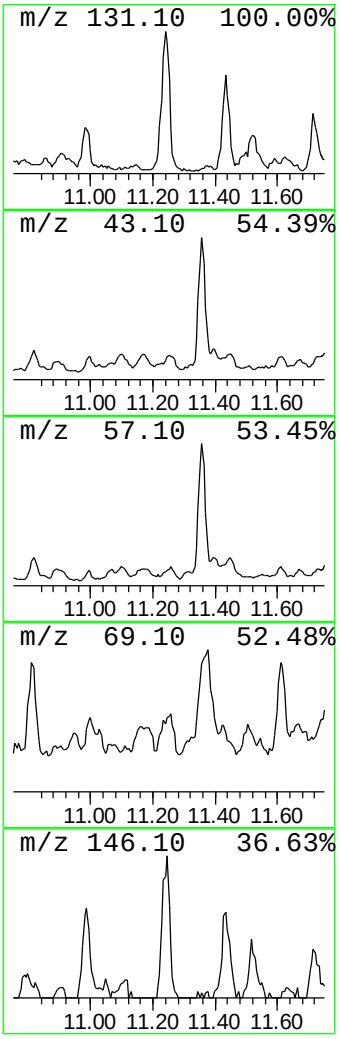
****

Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.38 ng/ul	196454	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	81
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





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Quant Title : SVOA CALIBRATION

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

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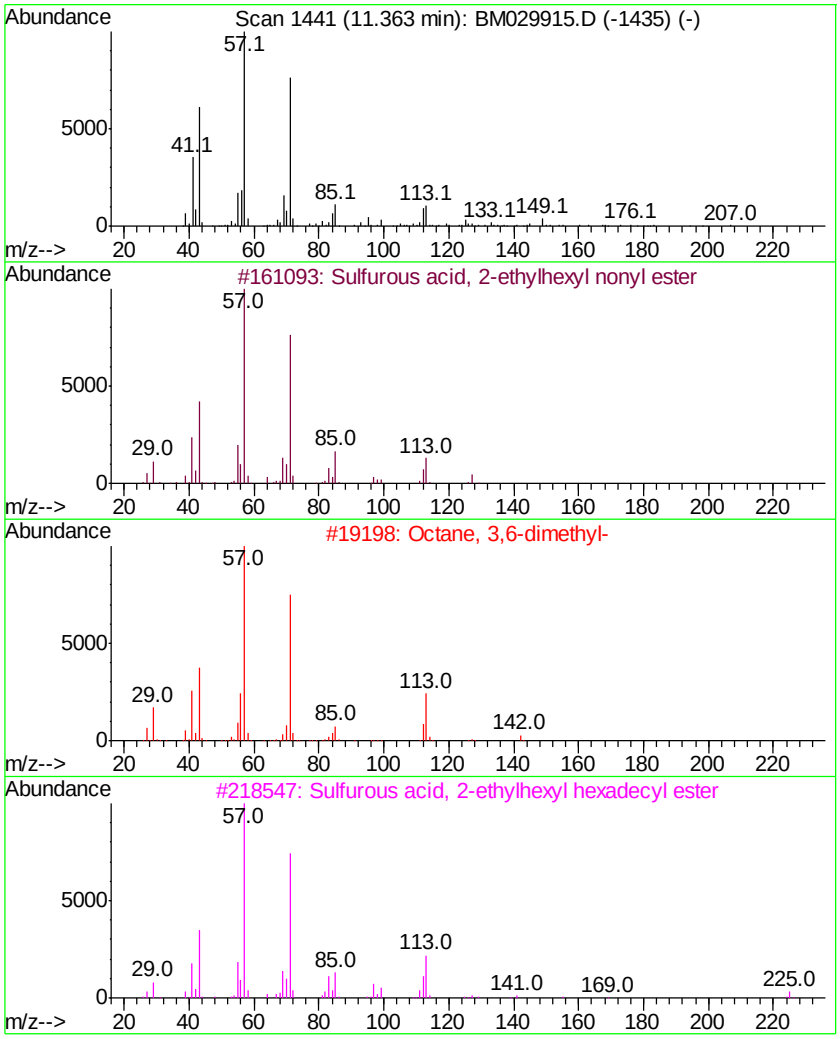
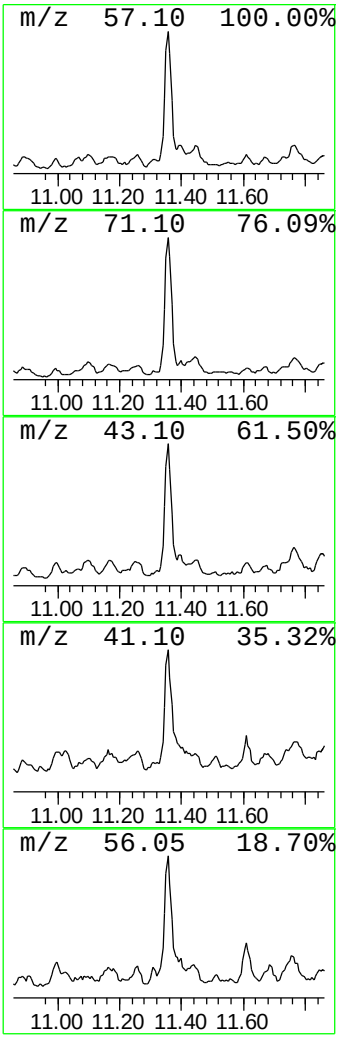
Peak Number 15 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	7.34 ng/ul	605388	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64





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Sample : M2177-06
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Quant Title : SVOA CALIBRATION

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

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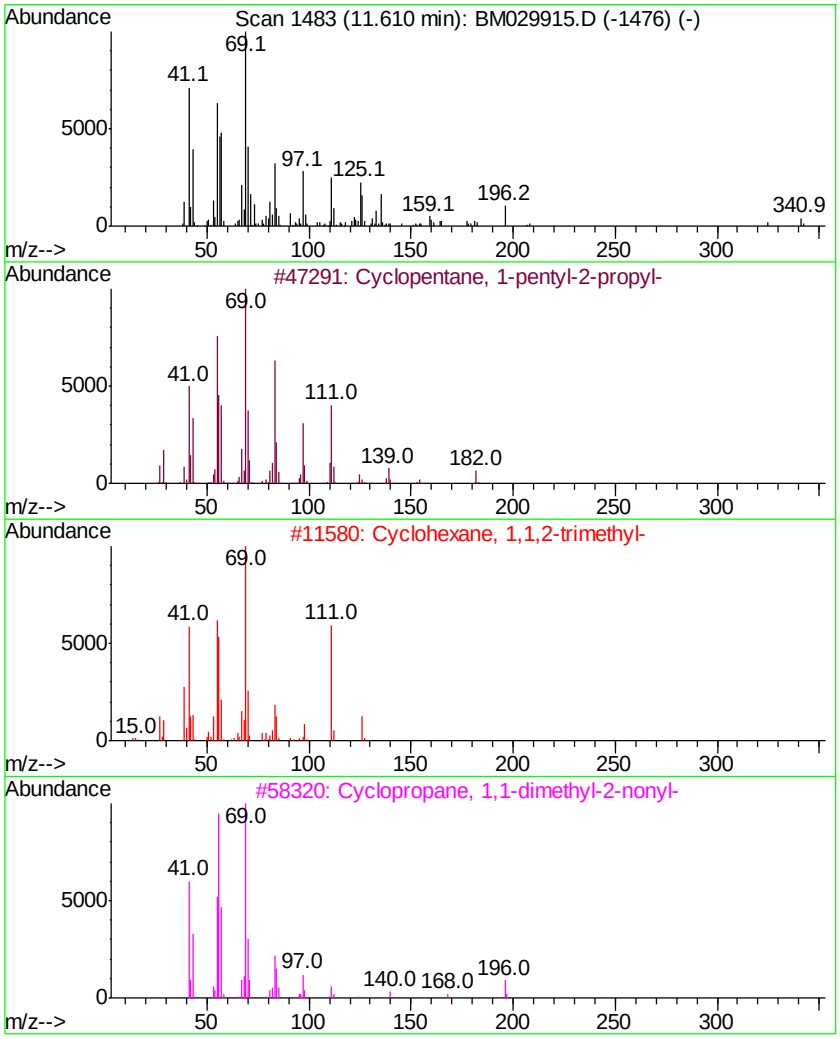
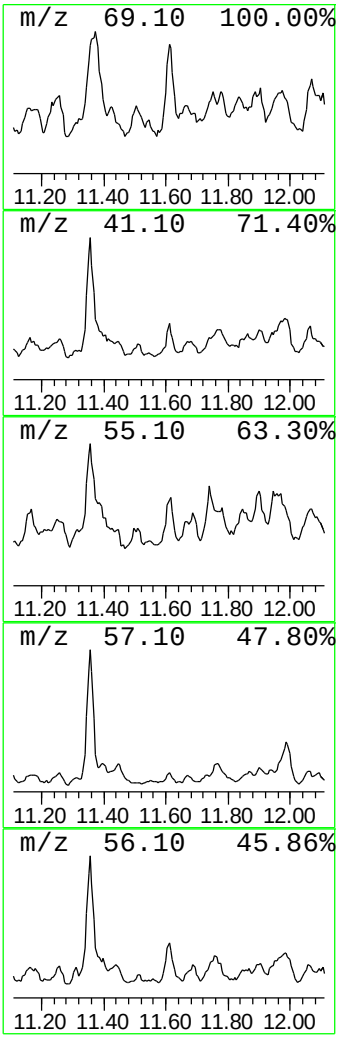
Peak Number 16 (DEL) Alkane: Cyclic11.61 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.28 ng/ul	188387	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	72
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
3	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	46
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	46
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

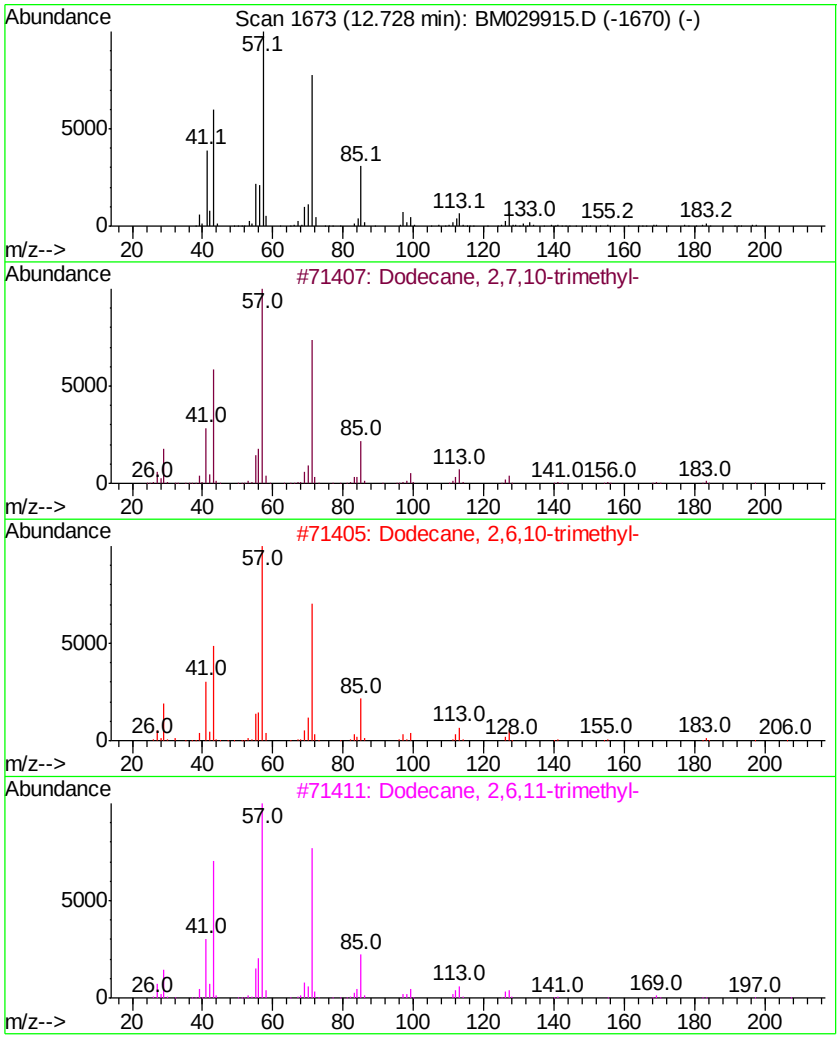
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

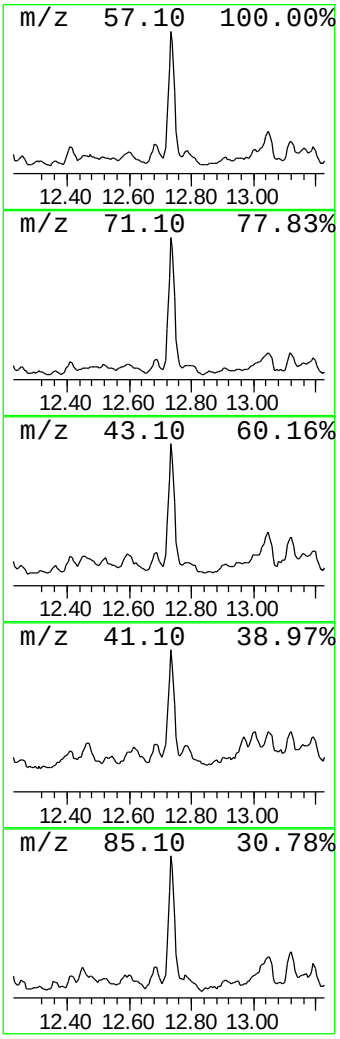
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.48 ng/ul	659778	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78





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Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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

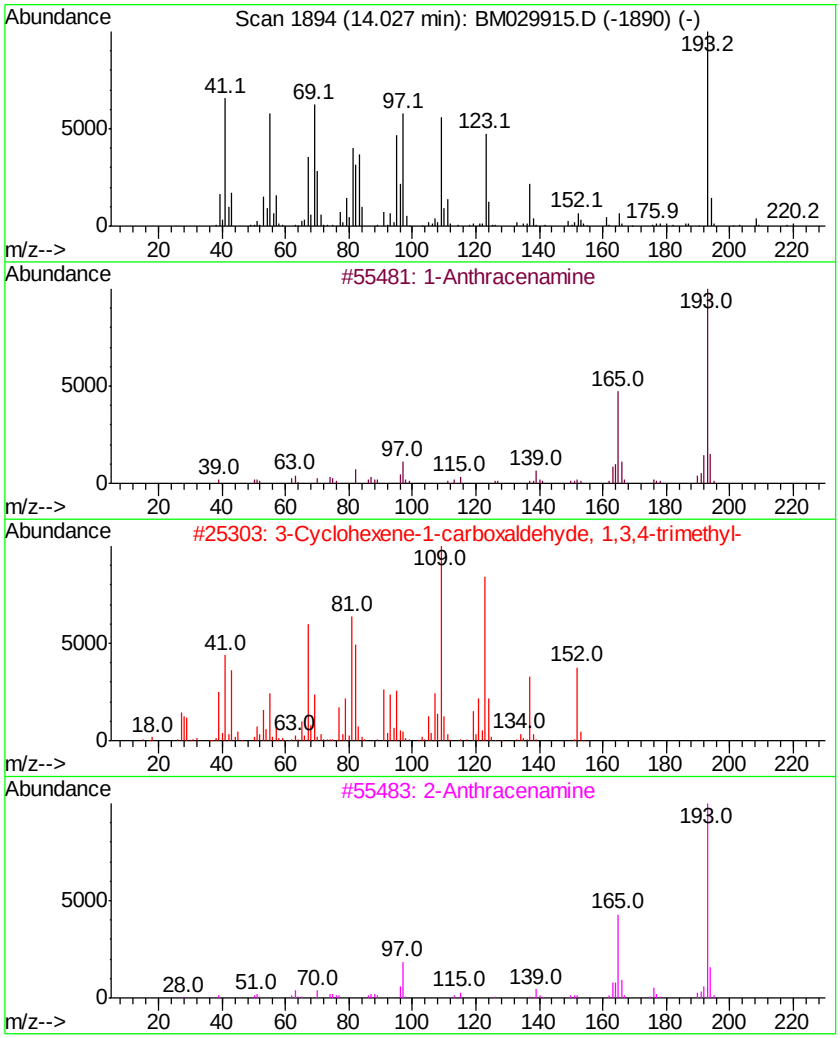
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

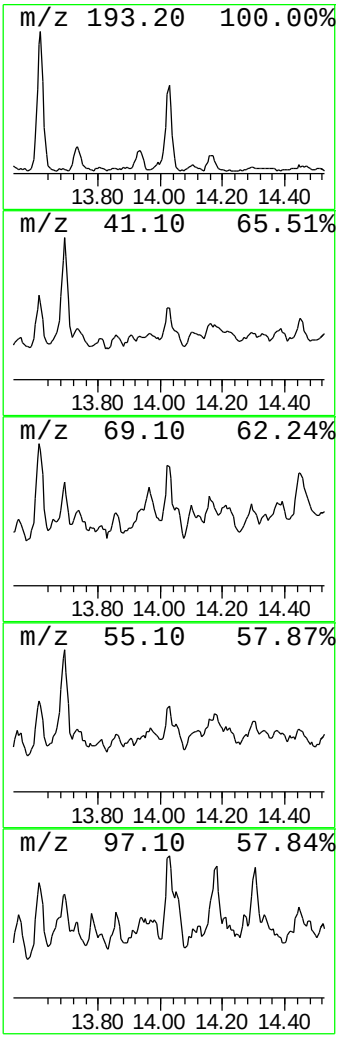
****

Peak Number 18 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.60 ng/ul	569629	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Anthracenamine	193	C14H11N	000610-49-1	38
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	27
3	2-Anthracenamine	193	C14H11N	000613-13-8	27
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	25





Library Search Compound Report

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Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

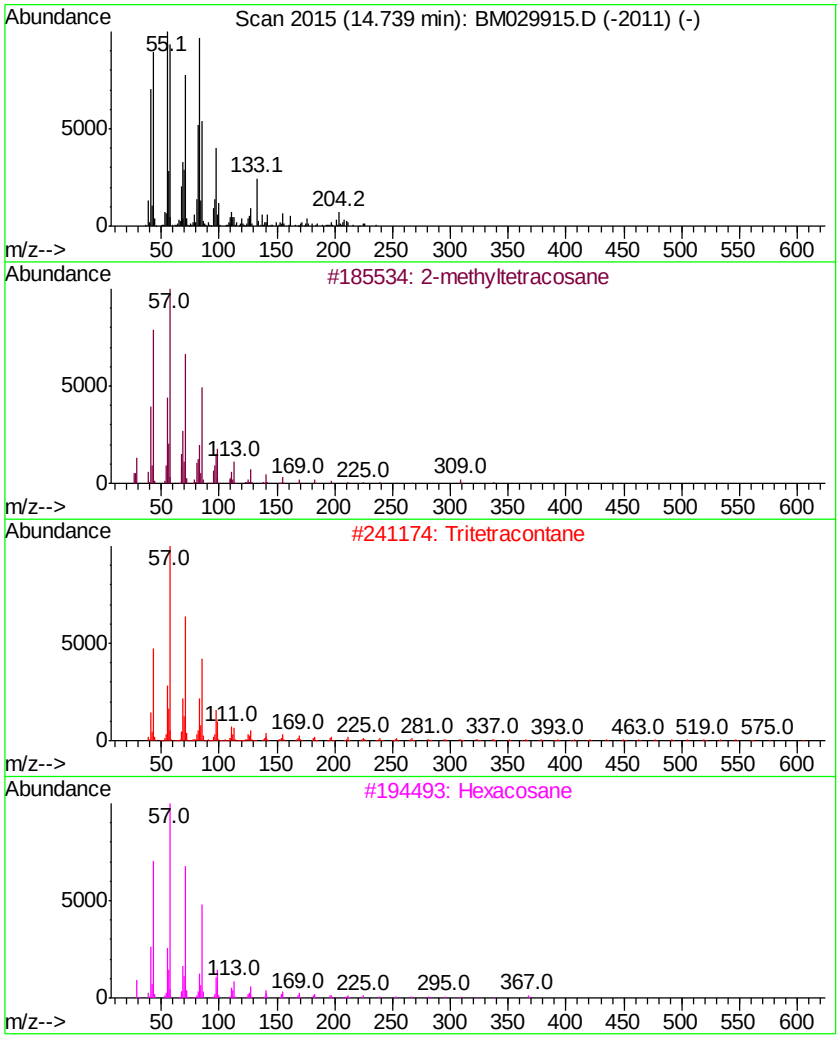
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

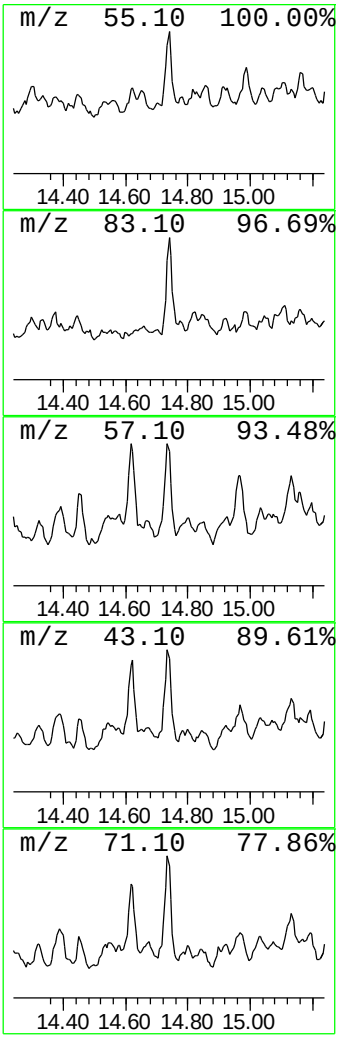
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.77 ng/ul	383980	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	43
2	Tritetracontane	605	C43H88	007098-21-7	43
3	Hexacosane	366	C26H54	000630-01-3	38
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
5	Nonadecane	268	C19H40	000629-92-5	30





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Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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

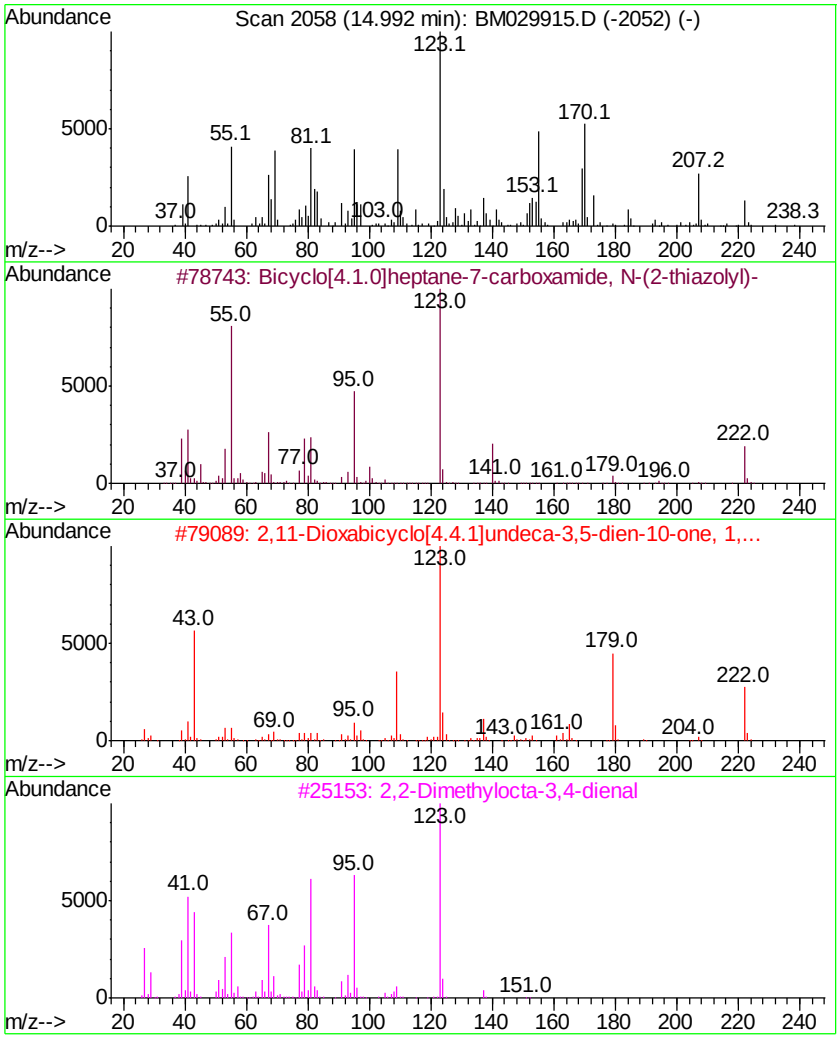
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

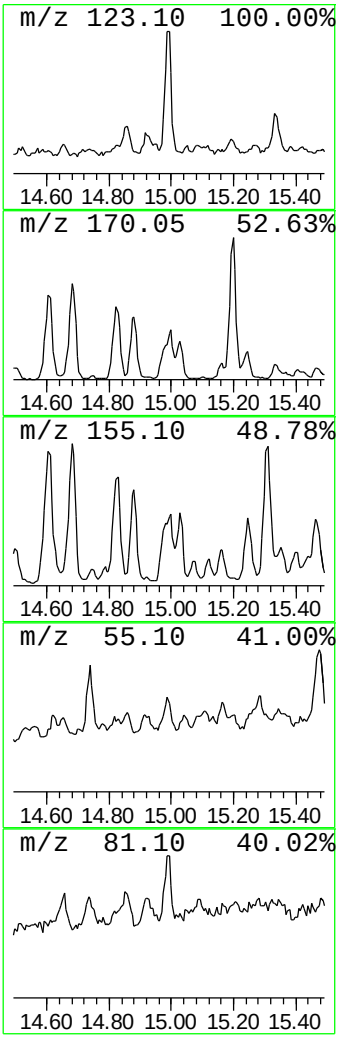
****

Peak Number 20 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.79 ng/ul	385978	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	27
2	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	27
3	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27
4	photocitral A	152	C10H16O	055253-28-6	27
5	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

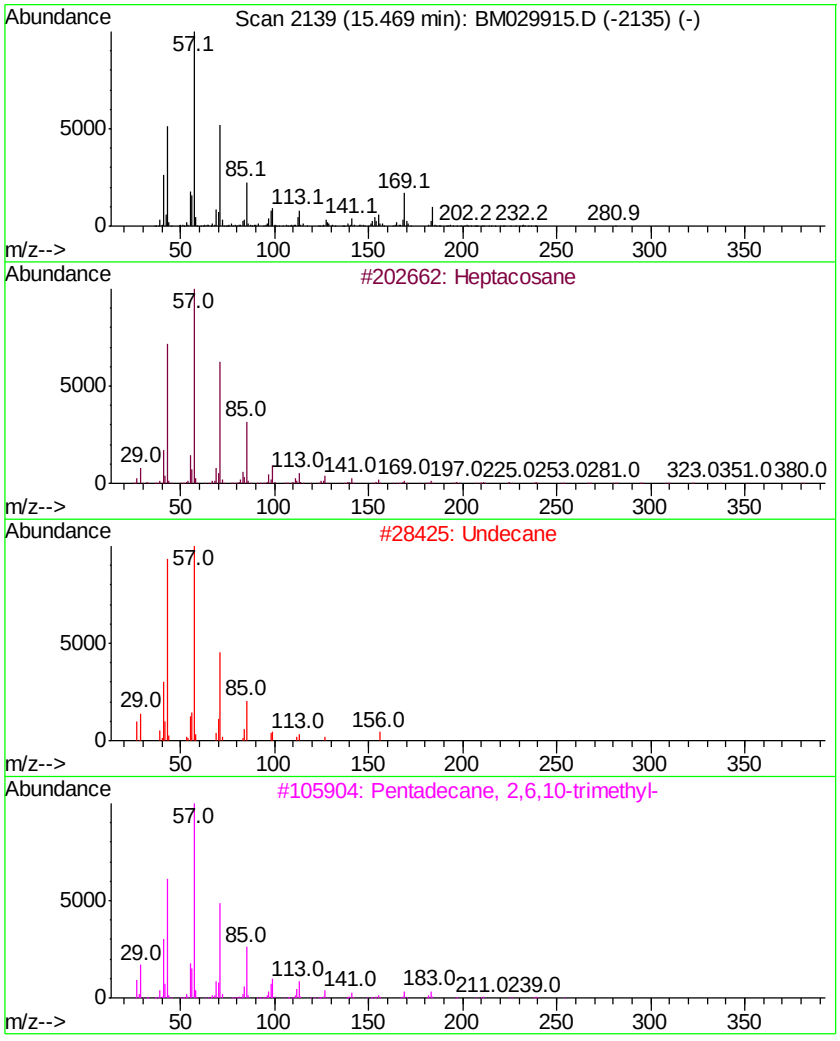
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

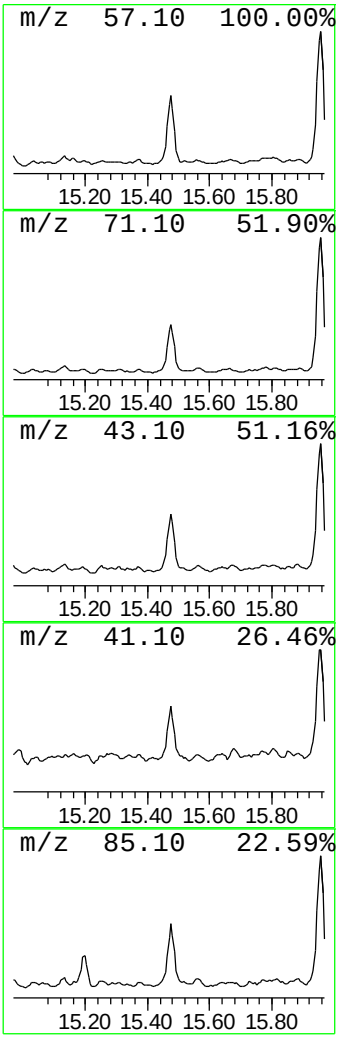
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	9.28 ng/ul	944233	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Undecane	156	C11H24	001120-21-4	72
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Heneicosane	296	C21H44	000629-94-7	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64





Library Search Compound Report

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Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

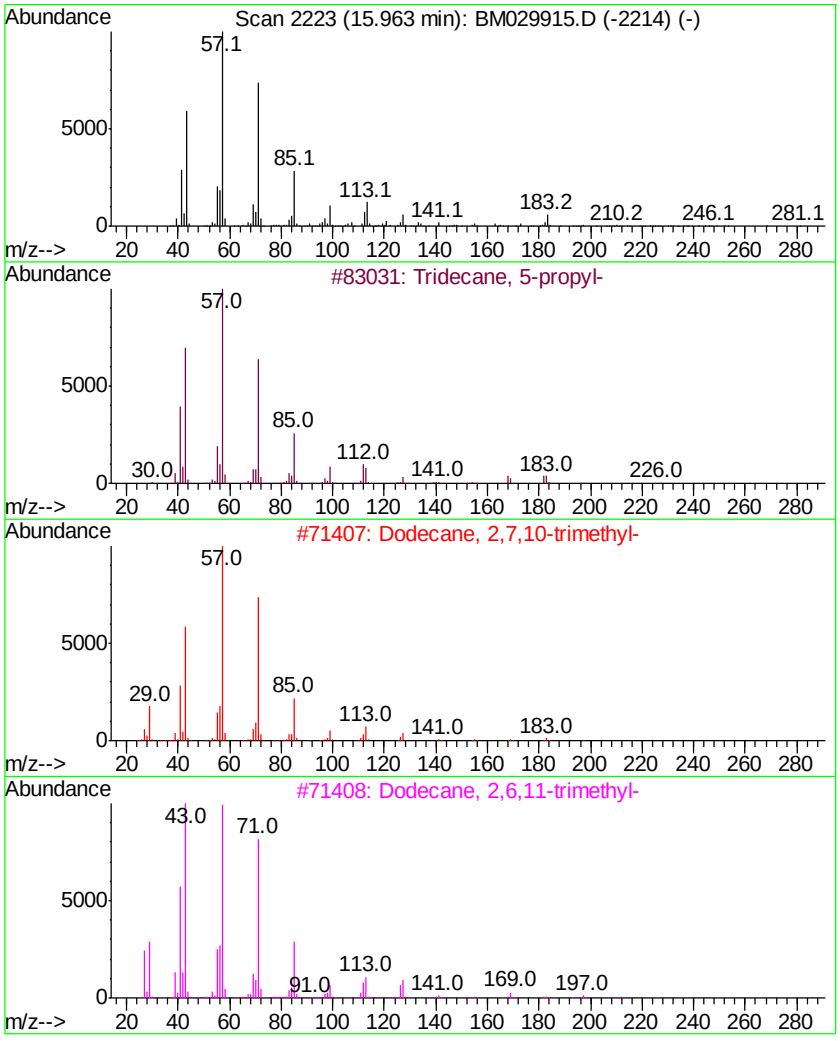
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

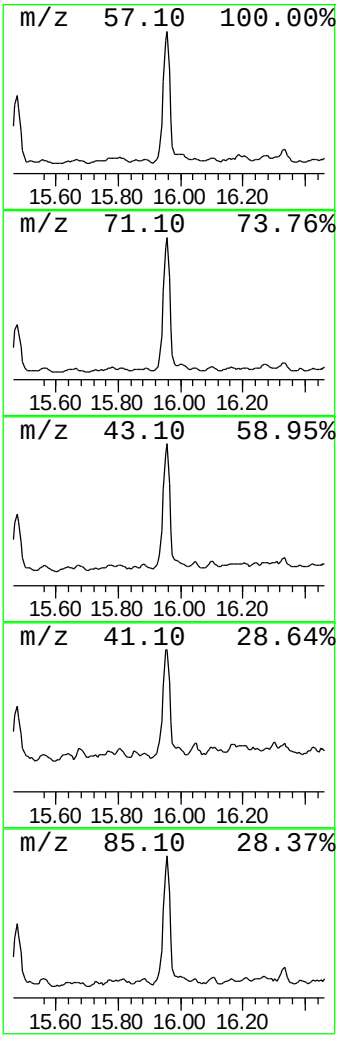
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	22.51 ng/ul	2159040	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





Library Search Compound Report

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Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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

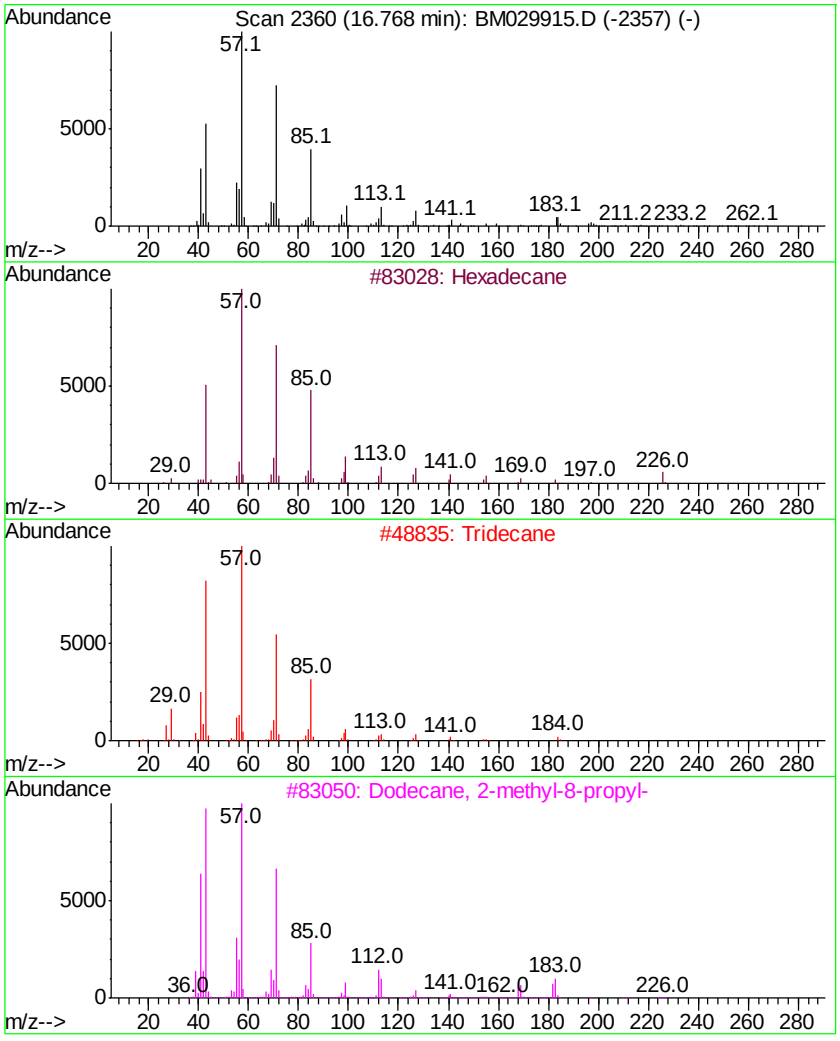
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

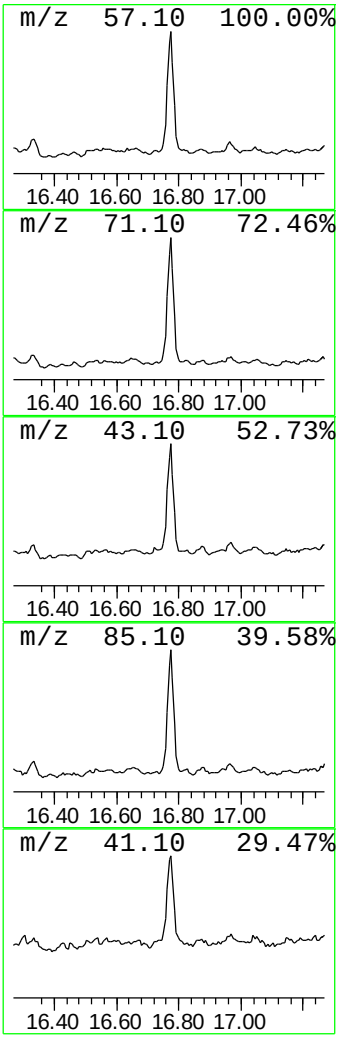
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	14.70 ng/ul	1409530	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





Tentatively Identified Compound (LSC) summary

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Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG583

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...	6.55	2.5	ng/ul	110726	1	7.55	880486	20.0
Benzene, 1,2,3-tr...	7.20	2.4	ng/ul	106475	1	7.55	880486	20.0
(DEL) Alkane: Str...	7.77	2.6	ng/ul	112906	1	7.55	880486	20.0
(DEL) Alkane: Str...	8.09	7.2	ng/ul	315232	1	7.55	880486	20.0
o-Cymene	8.19	3.5	ng/ul	154095	1	7.55	880486	20.0
Benzene, 4-ethyl-...	8.65	4.9	ng/ul	214023	1	7.55	880486	20.0
(DEL) Alkane: Str...	8.86	2.5	ng/ul	111889	1	7.55	880486	20.0
unknown-01	8.90	4.7	ng/ul	204926	1	7.55	880486	20.0
Benzene, 2-ethyl-...	8.97	2.8	ng/ul	229946	2	10.33	1648930	20.0
Benzene, 1,2,3,4-...	9.17	2.7	ng/ul	224085	2	10.33	1648930	20.0
Benzene, 1,2,4,5-...	9.23	3.8	ng/ul	315985	2	10.33	1648930	20.0
Benzene, 1-chloro...	9.51	3.4	ng/ul	278883	2	10.33	1648930	20.0
Benzene, 2-etheny...	9.73	3.2	ng/ul	262115	2	10.33	1648930	20.0
1H-Indene, 2,3-di...	11.25	2.4	ng/ul	196454	2	10.33	1648930	20.0
Sulfurous acid, 2...	11.36	7.3	ng/ul	605388	2	10.33	1648930	20.0
(DEL) Alkane: Cyc...	11.61	2.3	ng/ul	188387	2	10.33	1648930	20.0
(DEL) Alkane: Str...	12.73	6.5	ng/ul	659778	3	14.20	2035270	20.0
unknown-02	14.03	5.6	ng/ul	569629	3	14.20	2035270	20.0
(DEL) Alkane: Str...	14.74	3.8	ng/ul	383980	3	14.20	2035270	20.0
unknown-03	14.99	3.8	ng/ul	385978	3	14.20	2035270	20.0
(DEL) Alkane: Str...	15.47	9.3	ng/ul	944233	3	14.20	2035270	20.0
(DEL) Alkane: Str...	15.96	22.5	ng/ul	2159040	4	16.94	1917910	20.0
(DEL) Alkane: Str...	16.77	14.7	ng/ul	1409530	4	16.94	1917910	20.0