LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

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\SOM-EPA-BM032219MA.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	3.375	59	66	74	rVV	854344	1357608	0.81%	0.163%
2	3.628	102	109	123	rVB	709783	1559003	0.93%	0.187%
3	3.851	136	147	164	rBV4	46052002	141051265	84.43%	16.930%
4	3.969	164	167	173	rVV2	454723	710107	0.43%	0.085%
5	4.028	173	177	180	rVV	405339	593899	0.36%	0.071%
6	4.057	180	182	188	rVV2	196553	267467	0.16%	0.032%
7	4.122	188	193	203	rVB2	369883	659414	0.39%	0.079%
8	4.440	240	247	253	rBV2	168279	295240	0.18%	0.035%
9	4.598	270	274	288	rBV	450582	950290	0.57%	0.114%
10	4.710	288	293	299	rBV	268030	418691	0.25%	0.050%
11	4.775	299	304	309	rBV	704680	1083585	0.65%	0.130%
12	4.828	309	313	325	rVB	607577	1131272	0.68%	0.136%
13	4.934	325	331	336	rBV2	154116	311666	0.19%	0.037%
14	5.128	355	364	377	rVB2	41269330	79696669	47.70%	9.566%
15	5.287	377	391	393	rBV6	49356922	167061874	100.00%	20.052%
16	5.410	404	412	417	rVB2	184692	340518	0.20%	0.041%
17	5.469	417	422	427	rBV2	144924	233001	0.14%	0.028%
18	5.640	438	451	455	rVV2	48394251	117006653	70.04%	14.044%
19	5.698	455	461	464	rVV	283536	470884	0.28%	0.057%
20	5.728	464	466	472	rVB	230997	300771	0.18%	0.036%
21	6.075	516	525	538	rBV	2366015	3814936	2.28%	0.458%
22	6.181	538	543	551	rBV	158988	285916	0.17%	0.034%
23	6.257	551	556	565	rVB2	329689	590749	0.35%	0.071%
24	6.563	602	608	616	rVB	5949291	8916933	5.34%	1.070%
25	6.675	616	627	632	rBV	25184341	38952066	23.32%	4.675%
26	6.734	632	637	642	rVV	11575635	15706442	9.40%	1.885%
27	6.810	643	650	656	rVB	11103917	16146116	9.66%	1.938%
28	6.969	666	677	688	rBV	11971719	17586818	10.53%	2.111%
29	7.122	698	703	709	rBV2	397388	669979	0.40%	0.080%
30	7.239	714	723	733	rVV2	37363792	64511877	38.62%	7.743%
31	7.434	751	756	759	rBV2	155732	238519	0.14%	0.029%
32	7.469	759	762	769	rVB	201243	301108	0.18%	0.036%
33	7.610	777	786	792	rBV3	601989	1579210	0.95%	0.190%
34	7.692	792	800	807	rVV	12329860	18347088	10.98%	2.202%

LSC Area Percent Report

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Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

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\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	7.839	816	825	828	rBV2	279650	509229	0.30%	0.061%
36	7.881	828	832	836	rVV	254200	387567	0.23%	0.047%
37	7.951	836	844	850	rVB	9696448	15365692	9.20%	1.844%
38	8.057	855	862	866	rBV	867666	1369388	0.82%	0.164%
39	8.110	866	871	879	rVB	2240906	3492556	2.09%	0.419%
40	8.204	880	887	892	rBV	2996776	4561461	2.73%	0.548%
41	8.251	892	895	899	rVV2	228588	338061	0.20%	0.041%
42	8.304	899	904	909	rVB	278142	447850	0.27%	0.054%
43	8.363	909	914	920	rBV	655061	991038	0.59%	0.119%
44	8.422	920	924	929	rVB	151282	235060	0.14%	0.028%
45	8.516	929	940	944	rBV	1611669	2657255	1.59%	0.319%
46	8.569	944	949	954	rVV	1585763	2498436	1.50%	0.300%
47	8.669	954	966	974	rVV	3416056	6302543	3.77%	0.756%
48	8.751	974	980	987	rVB2	1648199	2718419	1.63%	0.326%
49	8.916	997	1008	1016	rVB10	106065	354844	0.21%	0.043%
50	8.998	1016	1022	1029	rBV	717724	1201946	0.72%	0.144%
51	9.081	1031	1036	1044	rVB2	210728	361778	0.22%	0.043%
52	9.186	1045	1054	1059	rBV	1505703	2227943	1.33%	0.267%
53	9.245	1059	1064	1071	rVB	2057864	3047229	1.82%	0.366%
54	9.422	1086	1094	1095	rVV3	128639	284555	0.17%	0.034%
55	9.469	1097	1102	1112	rVB2	468740	1087220	0.65%	0.130%
56	9.563	1112	1118	1120	rBV2	176884	319386	0.19%	0.038%
57	9.610	1120	1126	1133	rVB	1622951	2562516	1.53%	0.308%
58	9.757	1138	1151	1160	rBV2	3202344	5861962	3.51%	0.704%
59	9.880	1166	1172	1180	rVB6	106362	316631	0.19%	0.038%
60	9.998	1180	1192	1198	rVB3	874062	1612096	0.96%	0.193%
61	10.080	1198	1206	1212	rVB	657516	1207682	0.72%	0.145%
62	10.180	1219	1223	1228	rVB2	164405	238952	0.14%	0.029%
63	10.304	1236	1244	1248	rBV	721019	1200442	0.72%	0.144%
64	10.339	1248	1250	1252	rVV	194007	253477	0.15%	0.030%
65	10.369	1252	1255	1257	rVV	341826	479216	0.29%	0.058%
66	10.422	1257	1264	1270	rVB	12220836	20128520	12.05%	2.416%
67	10.539	1278	1284	1295	rVB2	300433	661779	0.40%	0.079%
68	10.886	1337	1343	1353	rBV2	522264	1023083	0.61%	0.123%
69	11.075	1368	1375	1387	rVB8	103225	298150	0.18%	0.036%
70	11.245	1387	1404	1417	rBV2	803868	2957702	1.77%	0.355%
71	11.357	1417	1423	1427	rBV	288203	485893	0.29%	0.058%

LSC Area Percent Report

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Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

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\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	11.404	1427	1431	1437	rVB	158198	241004	0.14%	0.029%
73	11.610	1461	1466	1475	rVB	301007	475375	0.28%	0.057%
74	11.745	1483	1489	1492	rBV3	247410	434860	0.26%	0.052%
75	11.780	1492	1495	1505	rVB	361406	564737	0.34%	0.068%
76	12.039	1528	1539	1548	rVV	2850706	4409310	2.64%	0.529%
77	12.210	1563	1568	1572	rVV	688827	1124063	0.67%	0.135%
78	12.263	1572	1577	1582	rVV	1357026	2310898	1.38%	0.277%
79	12.310	1582	1585	1591	rVV2	161661	306239	0.18%	0.037%
80	12.469	1592	1612	1623	rVV	1173313	3976037	2.38%	0.477%
81	12.563	1623	1628	1634	rVV	208240	367771	0.22%	0.044%
82	12.627	1634	1639	1642	rVV2	140459	251149	0.15%	0.030%
83	12.698	1642	1651	1659	rVV5	311884	788767	0.47%	0.095%
84	13.021	1698	1706	1710	rVV	324395	570383	0.34%	0.068%
85	13.216	1734	1739	1745	rBV	403344	618797	0.37%	0.074%
86	13.386	1762	1768	1771	rBV4	181796	319011	0.19%	0.038%
87	13.427	1771	1775	1779	rVV	512636	776512	0.46%	0.093%
88	13.610	1800	1806	1810	rVV4	96411	214640	0.13%	0.026%
89	13.663	1810	1815	1822	rVB	1033089	1427897	0.85%	0.171%
90	13.939	1856	1862	1871	rVB	1160388	1800373	1.08%	0.216%
91	14.039	1871	1879	1882	rBV2	134801	217491	0.13%	0.026%
92	14.245	1906	1914	1920	rBV2	772974	1281797	0.77%	0.154%
93	15.245	2078	2084	2088	rBV	1470949	2102700	1.26%	0.252%
94	15.392	2103	2109	2118	rVB	507836	760953	0.46%	0.091%
95	17.004	2377	2383	2393	rBV	952552	1366285	0.82%	0.164%
96	17.104	2393	2400	2413	rVB	1672780	2342302	1.40%	0.281%
97	19.409	2786	2792	2803	rBV	2058648	2806365	1.68%	0.337%
98	21.209	3093	3098	3105	rBV	1438242	1843535	1.10%	0.221%
99	23.274	3442	3449	3461	rBV2	2162722	3961095	2.37%	0.475%
100	23.415	3467	3473	3486	rVB	1188791	2277161	1.36%	0.273%

Sum of corrected areas: 833132698

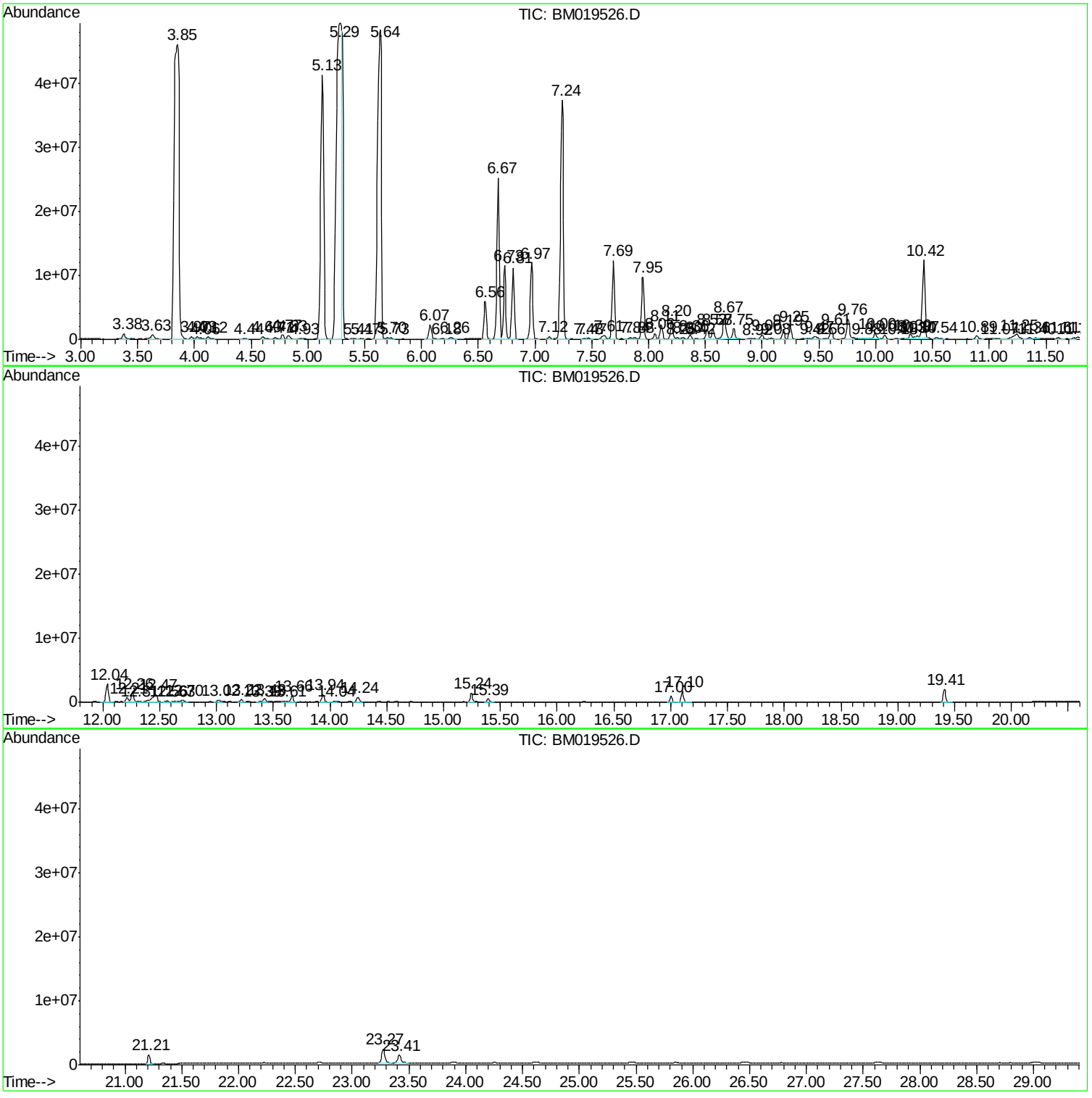
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
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Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

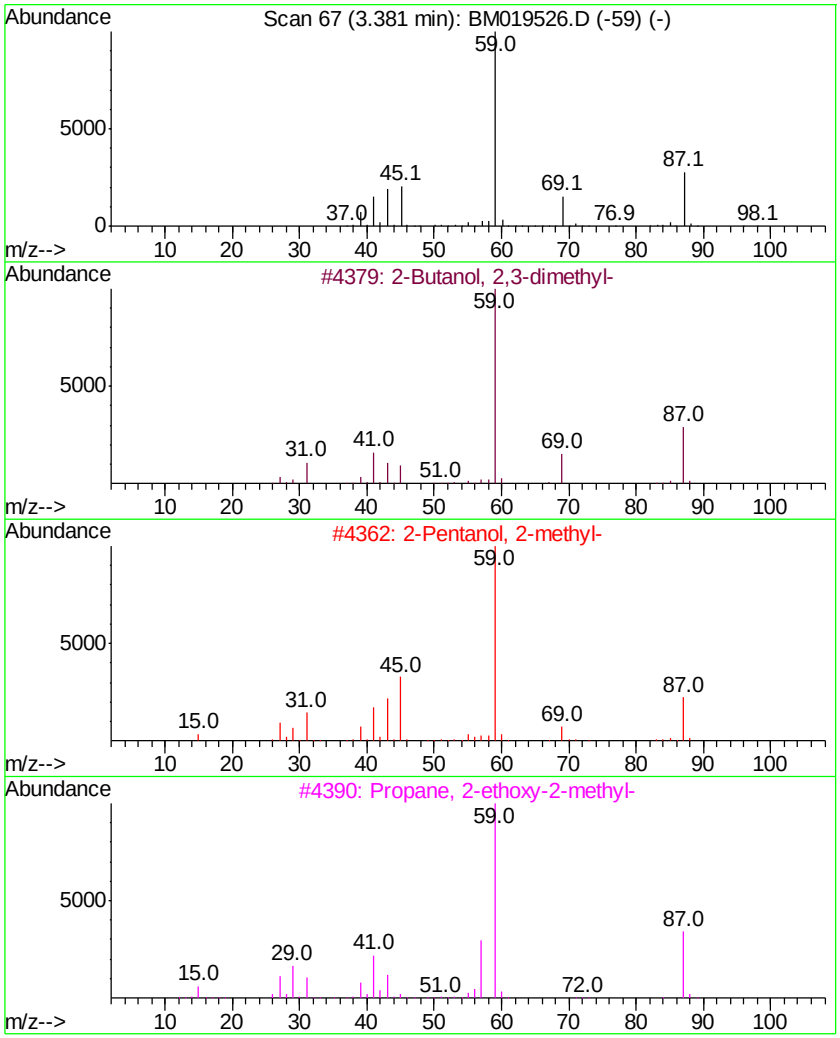
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

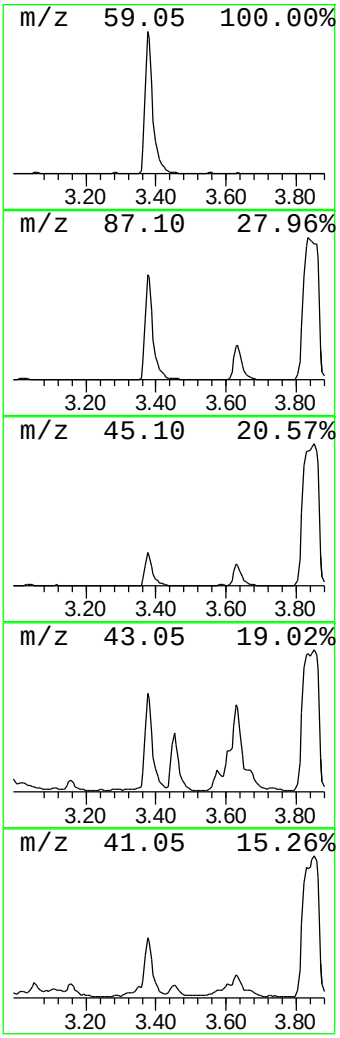
****

Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	17.19 ng/ul	1357610	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
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Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

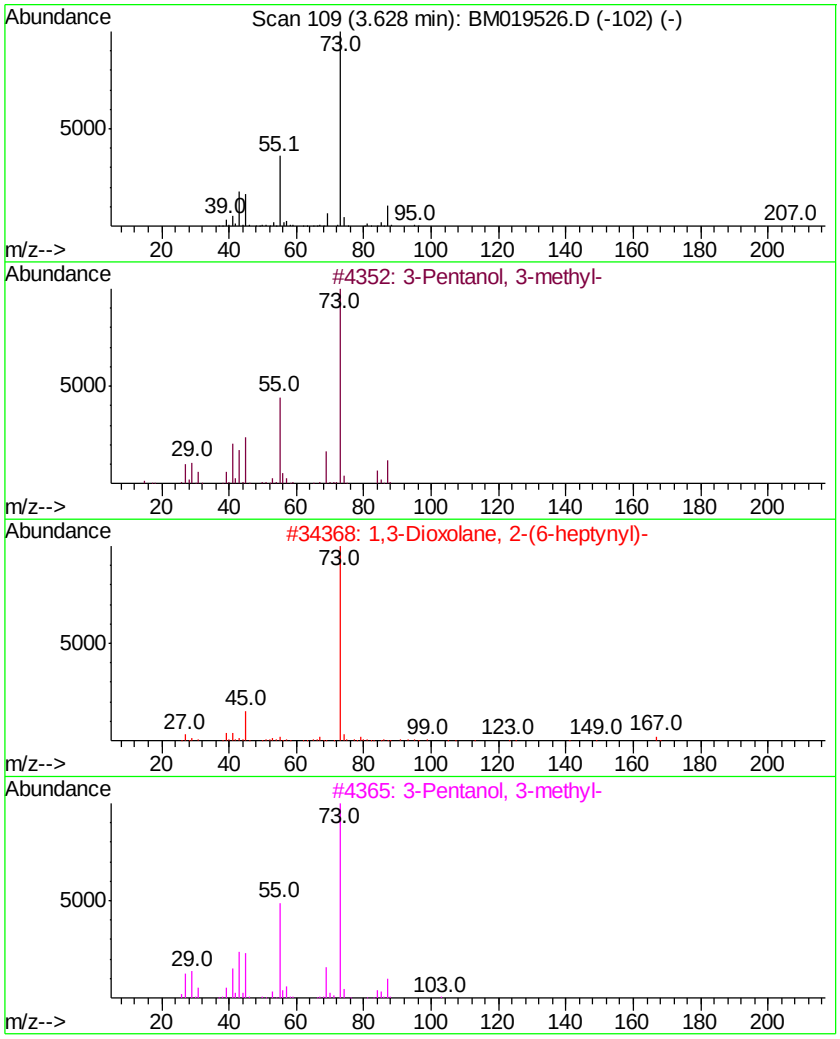
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

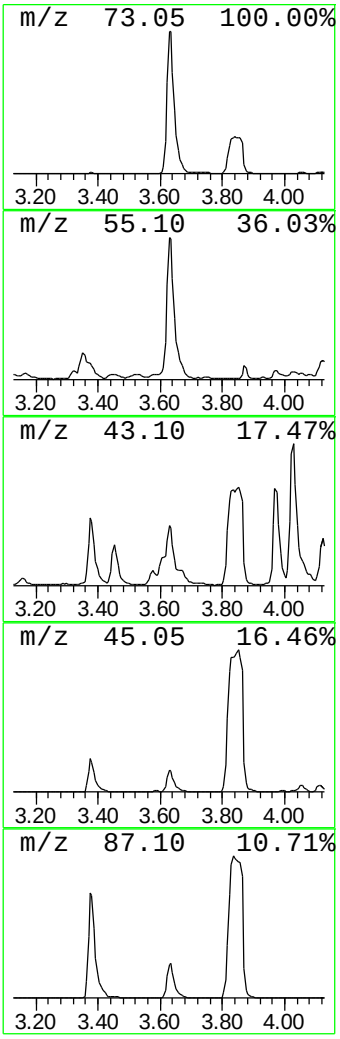
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	19.74 ng/ul	1559000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	64
2	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	38
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28





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Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

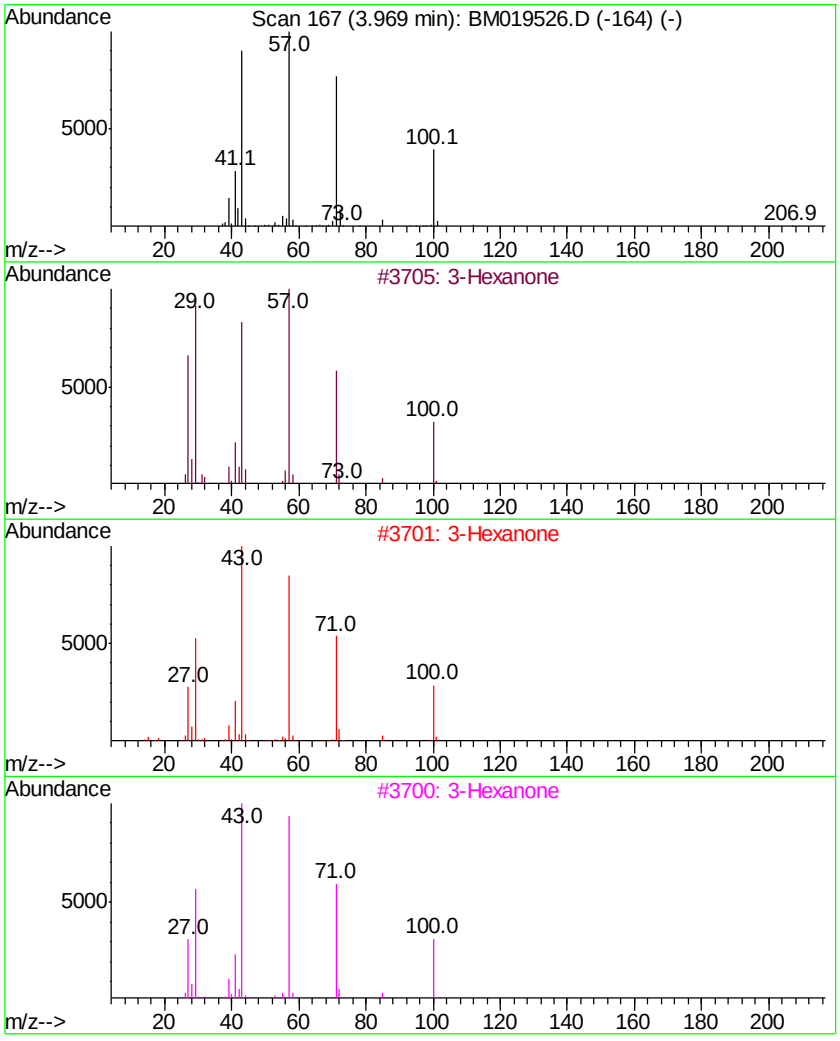
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

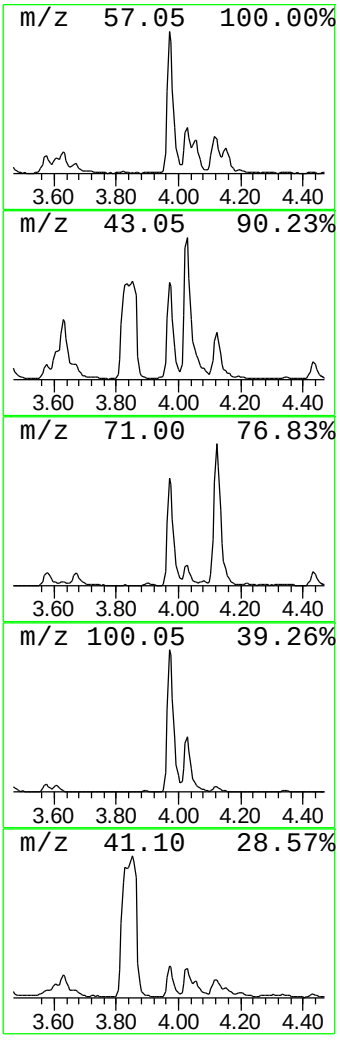
****

Peak Number 4 3-Hexanone Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	8.99 ng/ul	710107	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	3-Hexanone	100	C6H12O	000589-38-8	83
3	3-Hexanone	100	C6H12O	000589-38-8	80
4	3-Hexanone	100	C6H12O	000589-38-8	59
5	3-Hexanone	100	C6H12O	000589-38-8	56





Library Search Compound Report

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Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

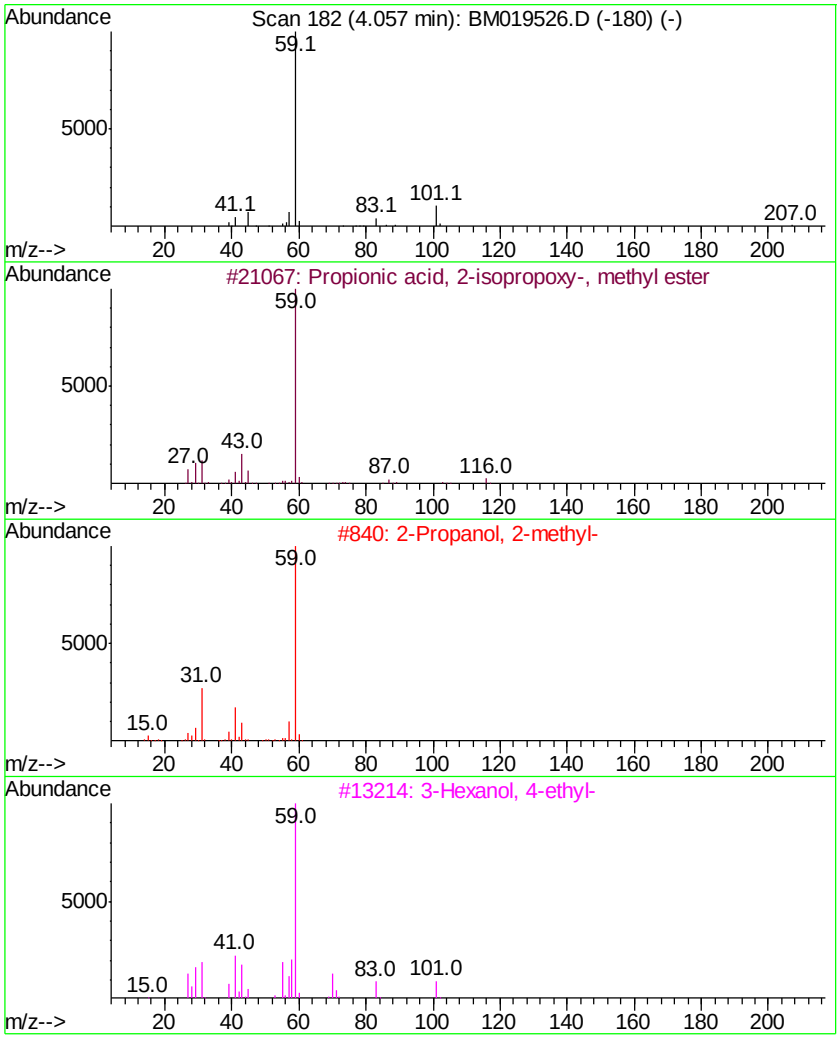
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

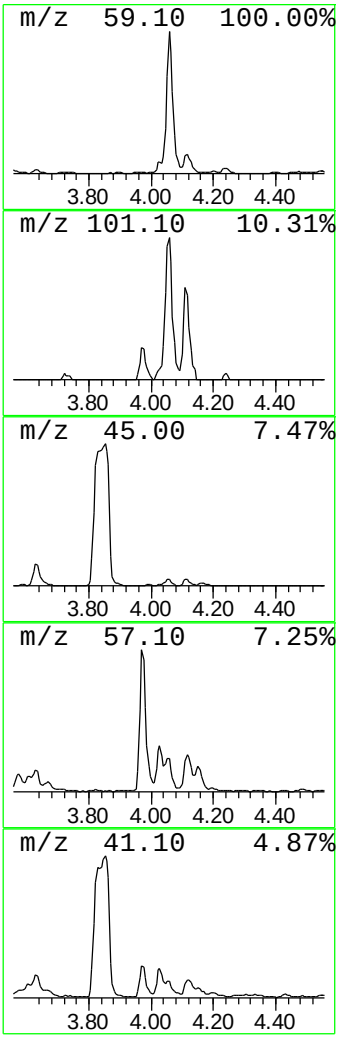
****

Peak Number 6 unknown-01 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	3.39 ng/ul	267467	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	38
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	9
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





Library Search Compound Report

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Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

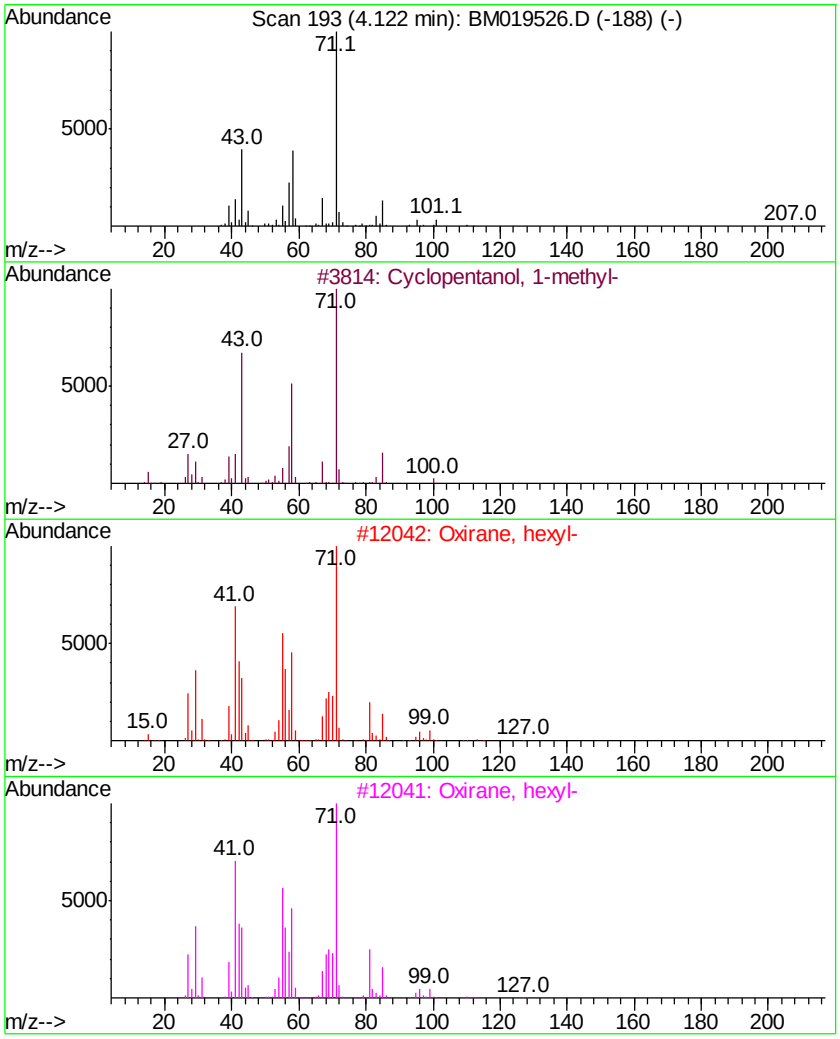
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

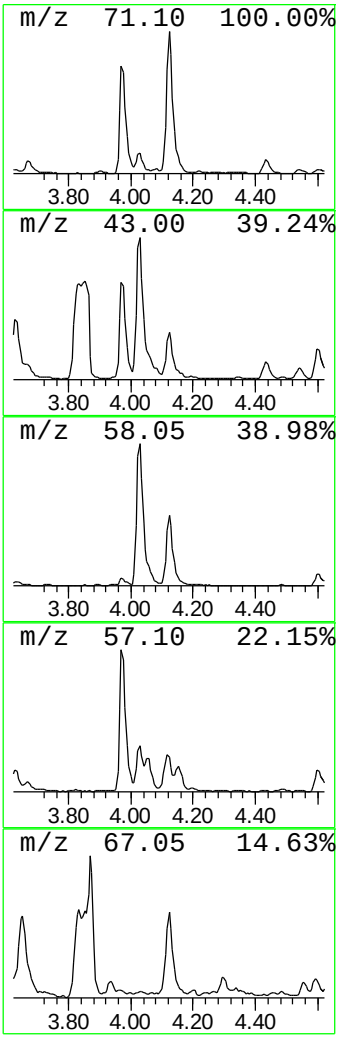
****

Peak Number 7 Cyclopentanol, 1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	8.35 ng/ul	659414	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	78
2	Oxirane, hexyl-	128	C8H16O	002984-50-1	64
3	Oxirane, hexyl-	128	C8H16O	002984-50-1	64
4	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
5	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	38





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Operator : JU/SJ
Sample : K2063-16
Misc :
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Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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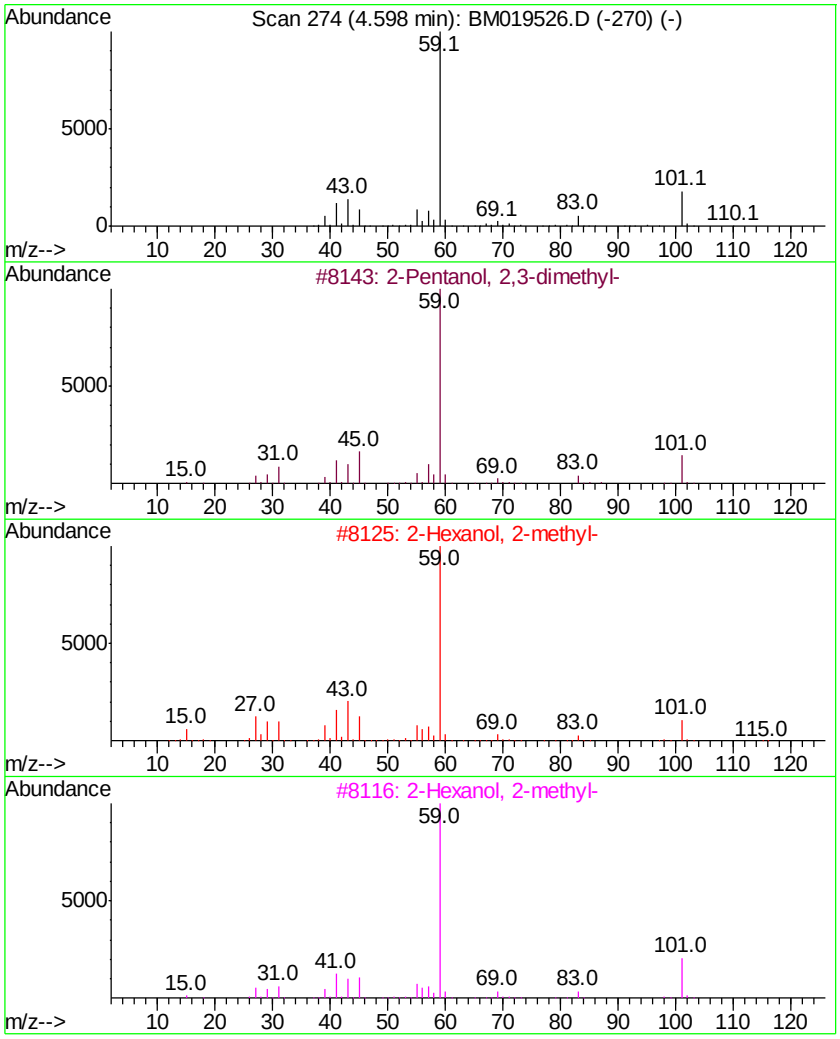
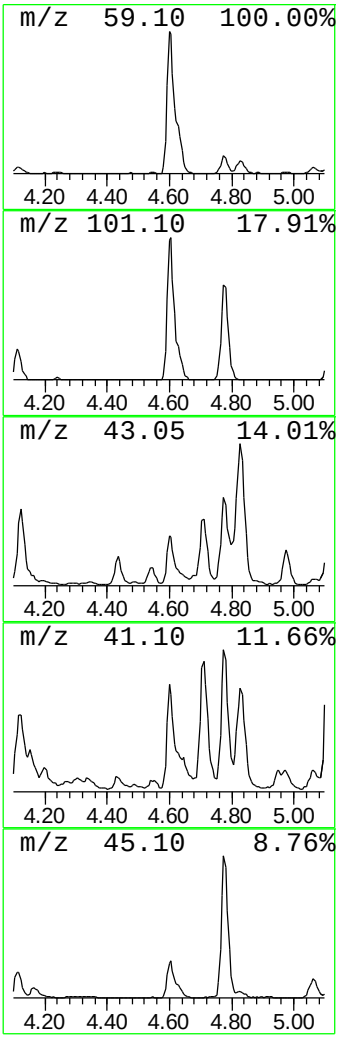
Peak Number 9 2-Pentanol, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	12.04 ng/ul	950290	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	78
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	78
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	74
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	72
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	56





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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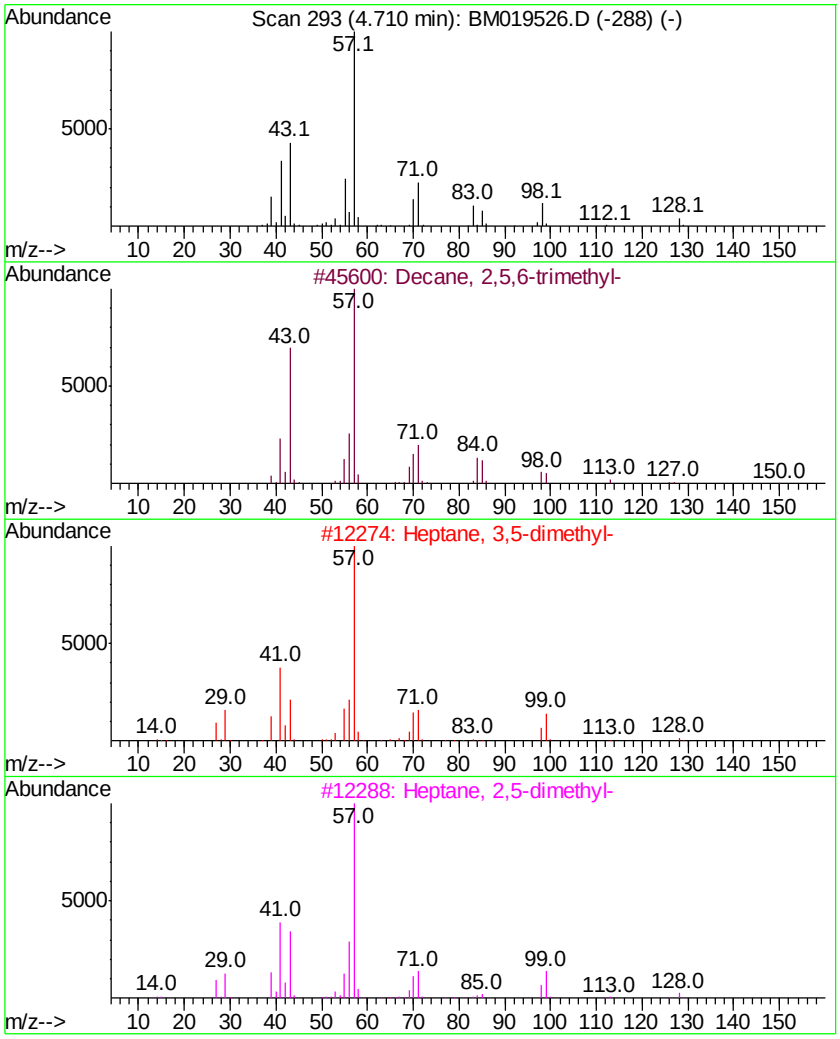
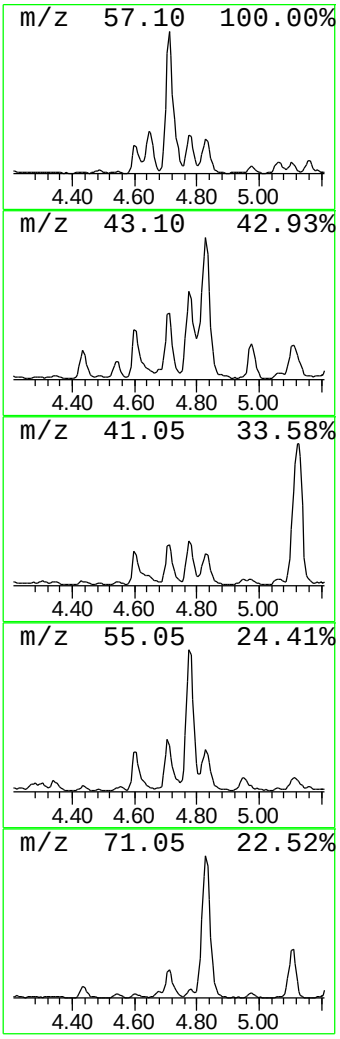
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	5.30 ng/ul	418691	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	45
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	42
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	40
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	40
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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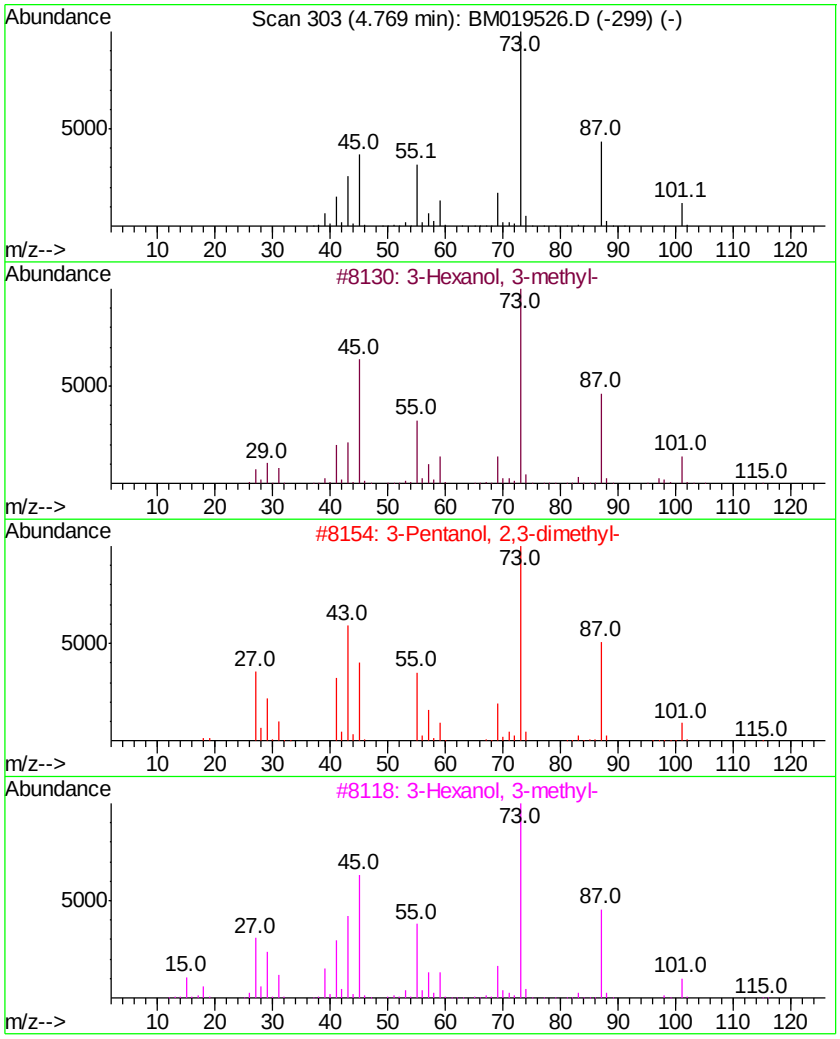
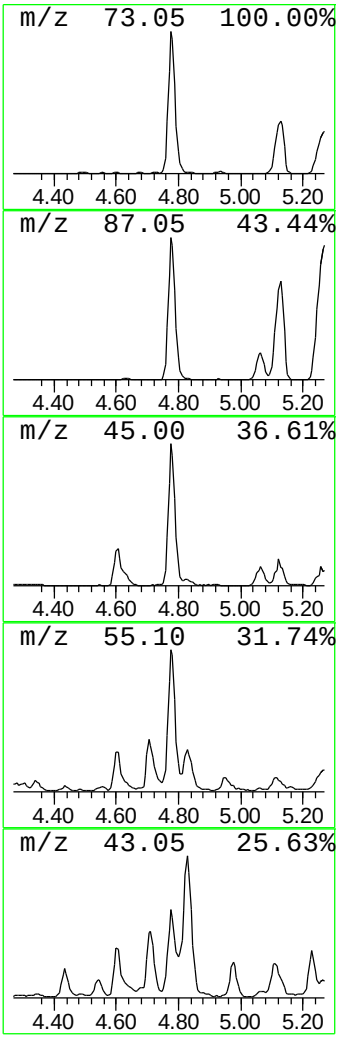
Peak Number 11 3-Hexanol, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	13.72 ng/ul	1083590	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	83
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	64
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	64
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	56
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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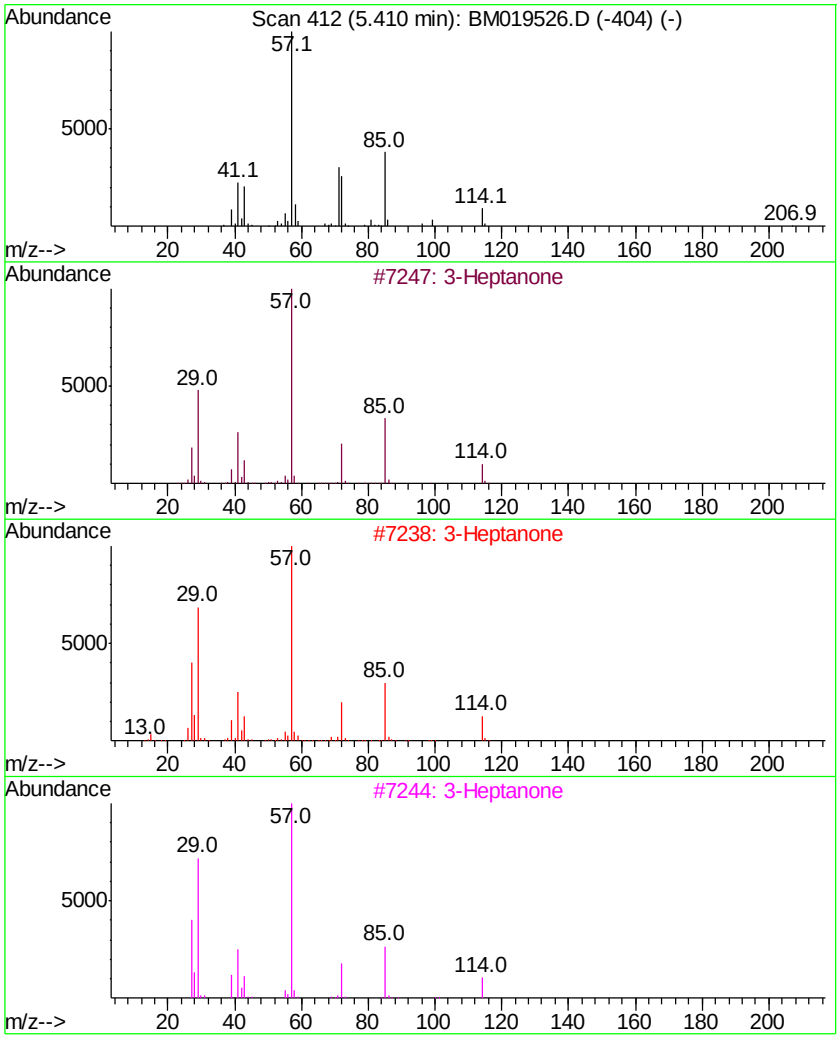
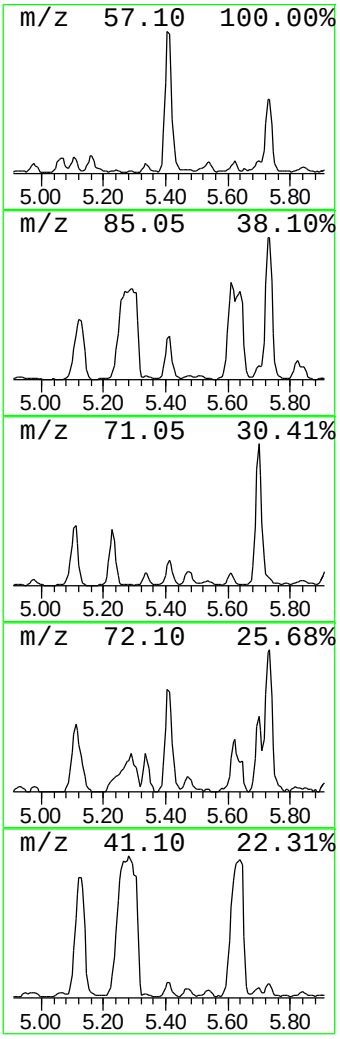
Peak Number 16 3-Heptanone Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	4.31 ng/ul	340518	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	62
2	3-Heptanone	114	C7H14O	000106-35-4	59
3	3-Heptanone	114	C7H14O	000106-35-4	59
4	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	53
5	3-Heptanone	114	C7H14O	000106-35-4	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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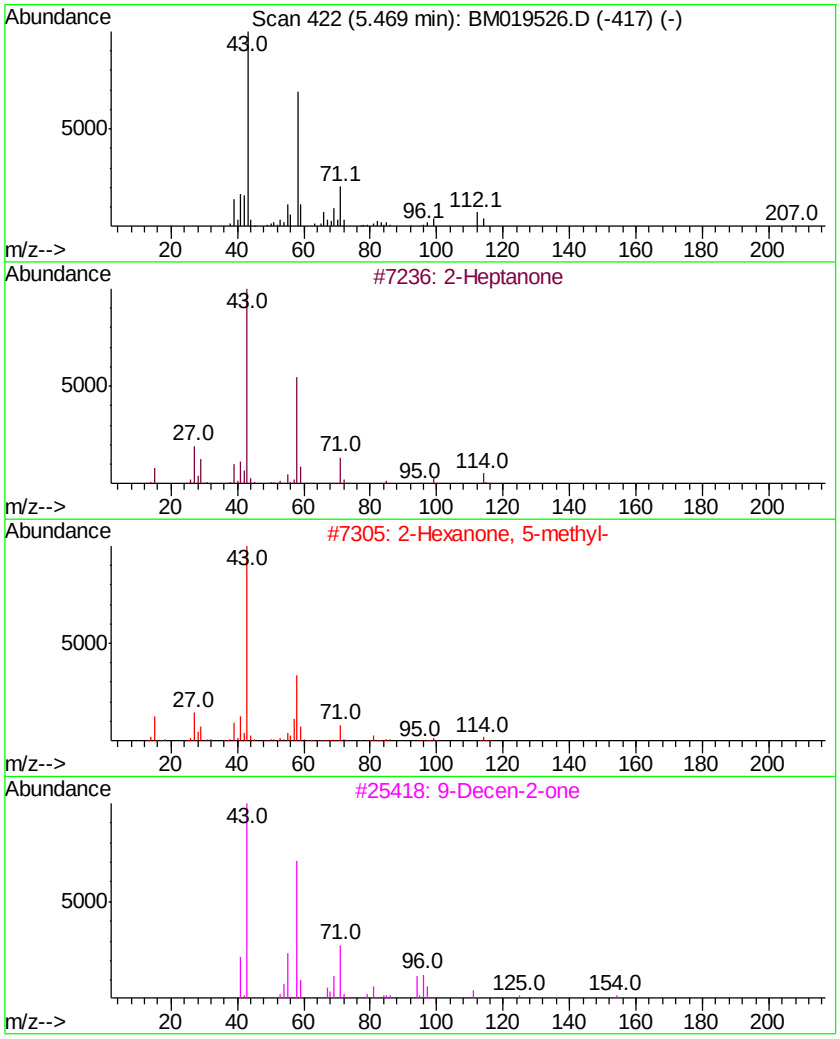
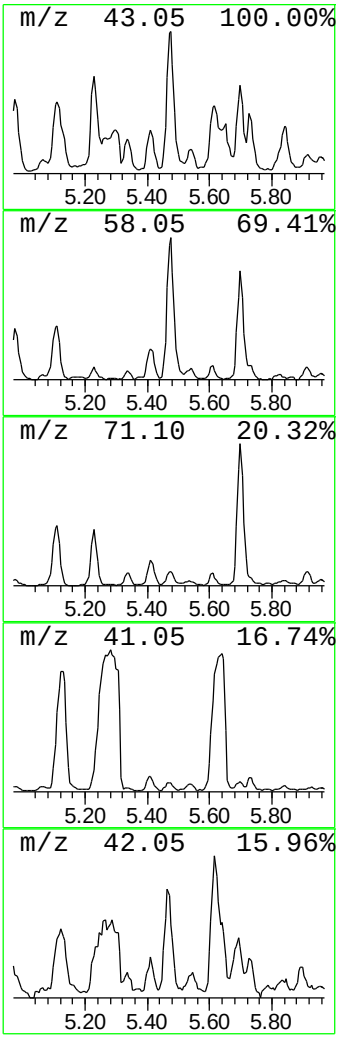
Peak Number 17 2-Heptanone Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.95 ng/ul	233001	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	64
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	59
3	9-Decen-2-one	154	C10H18O	035194-30-0	59
4	2-Heptanone	114	C7H14O	000110-43-0	58
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	56





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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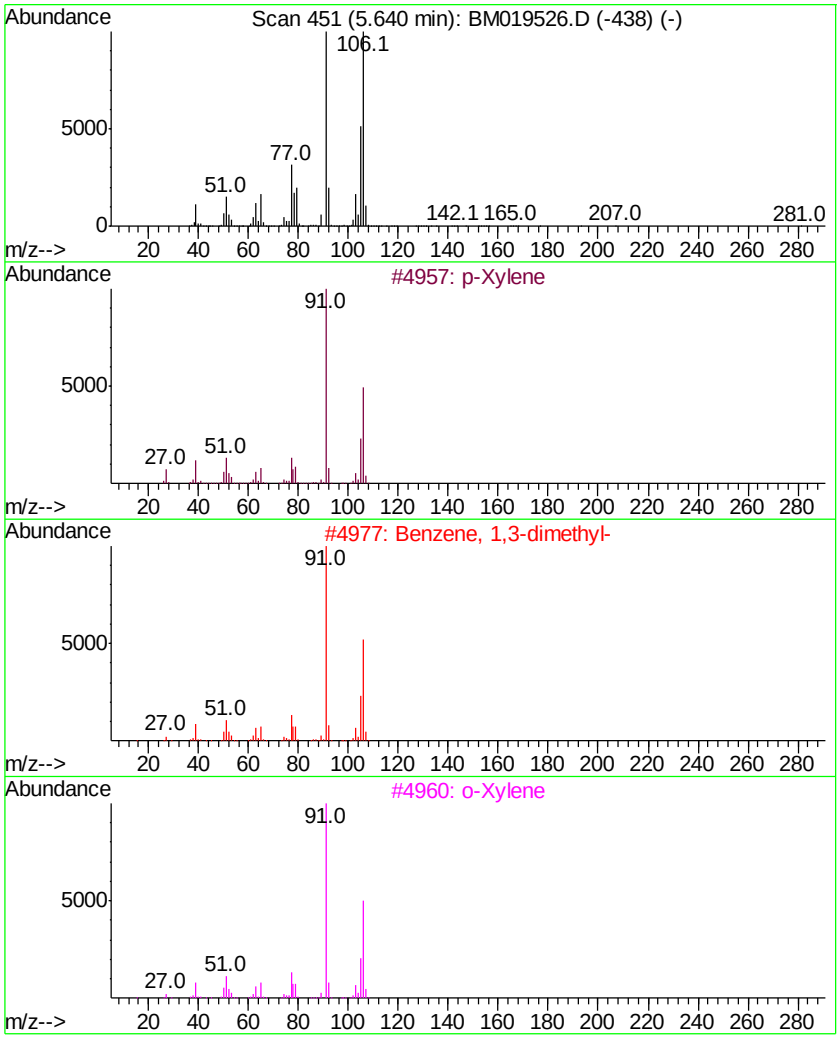
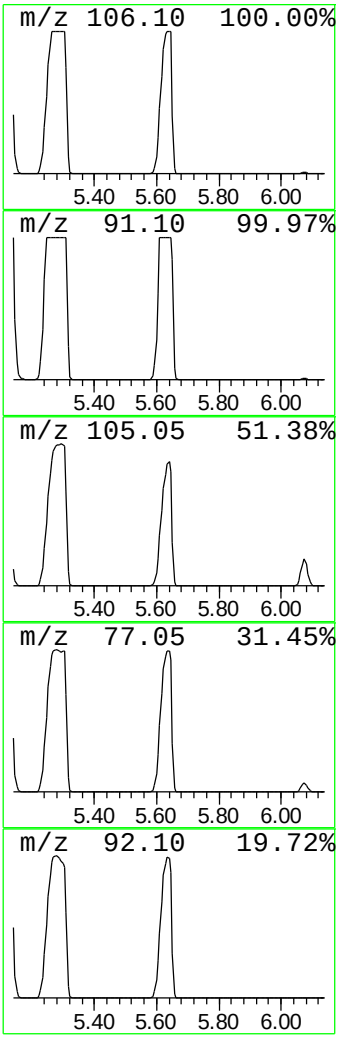
Peak Number 18 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	1481.84 ng/ul	117007000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	93
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
3	o-Xylene	106	C8H10	000095-47-6	93
4	o-Xylene	106	C8H10	000095-47-6	90
5	p-Xylene	106	C8H10	000106-42-3	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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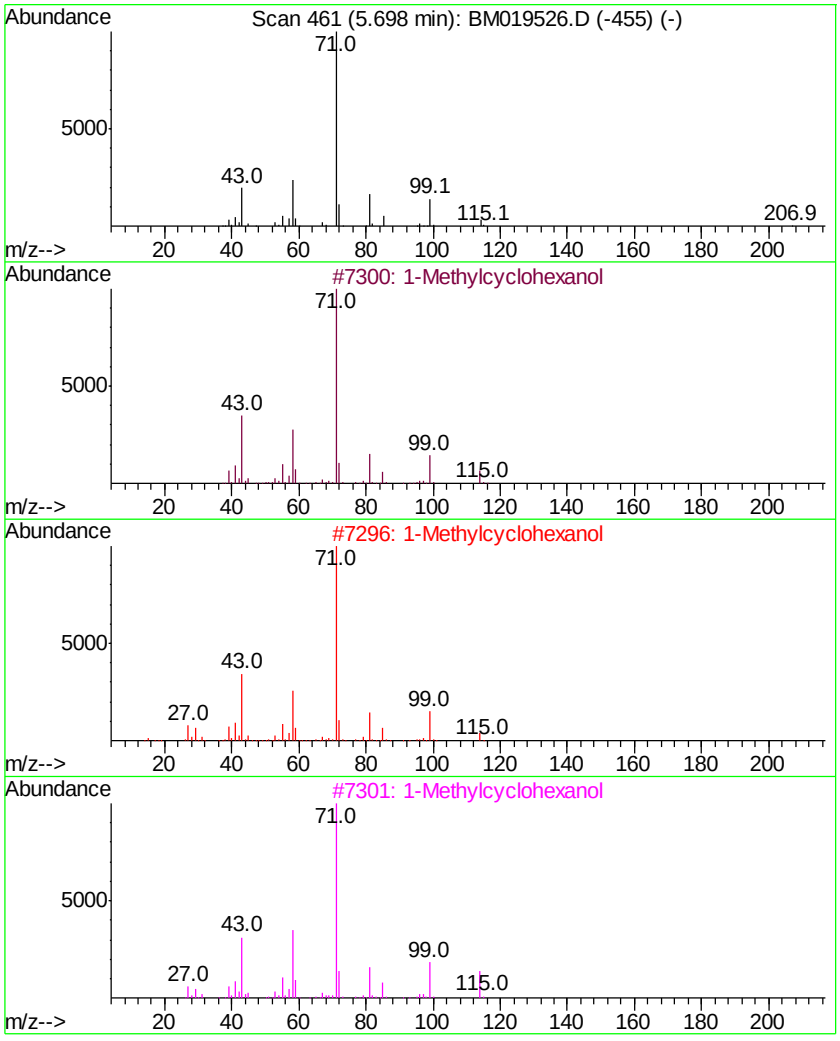
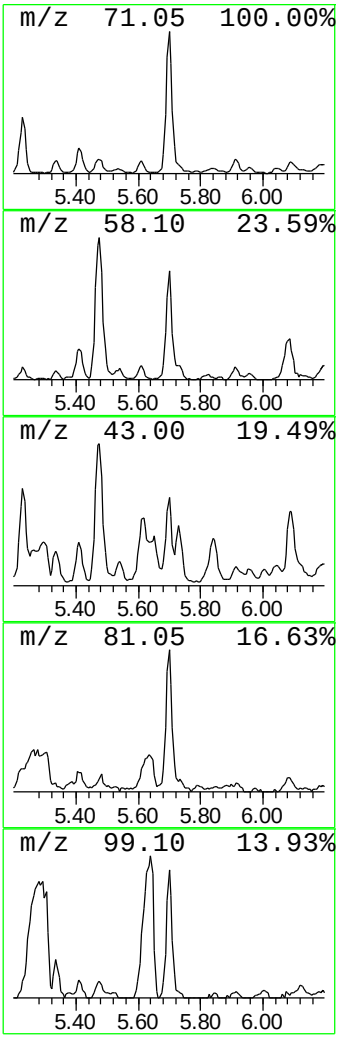
Peak Number 19 1-Methylcyclohexanol Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	5.96 ng/ul	470884	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	86
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	52
3	1-Methylcyclohexanol	114	C7H14O	000590-67-0	50
4	trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	40
5	1-Methylcyclohexanol	114	C7H14O	000590-67-0	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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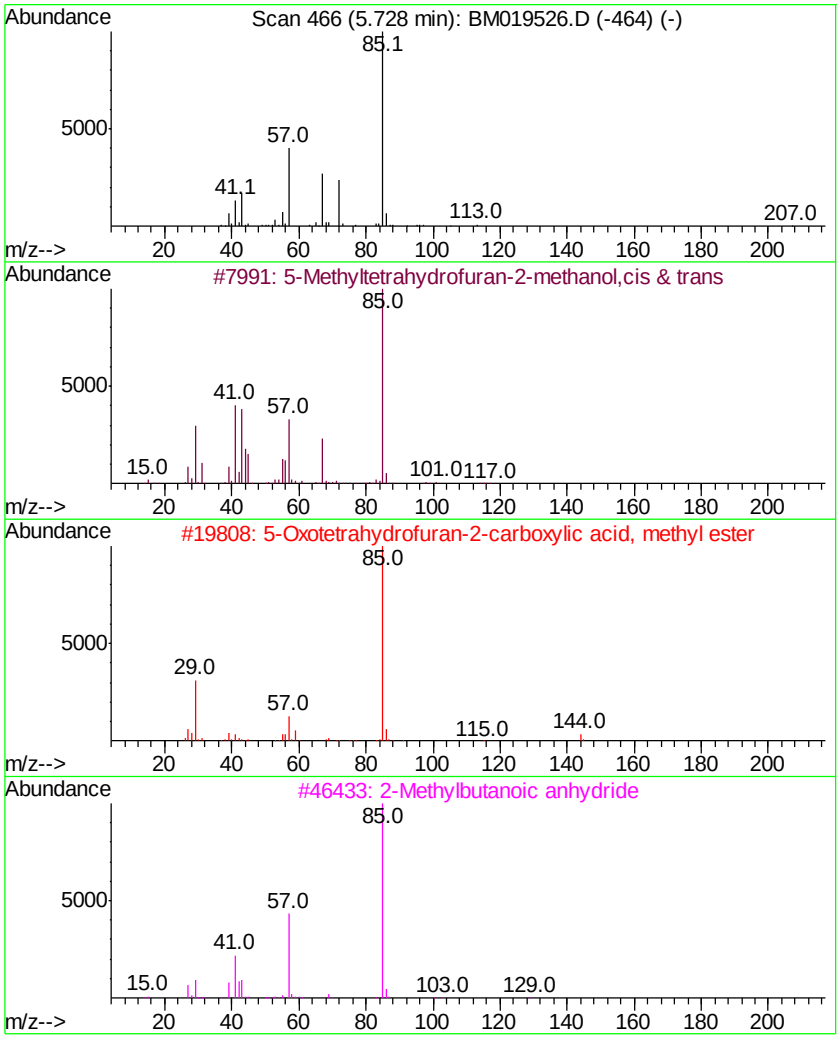
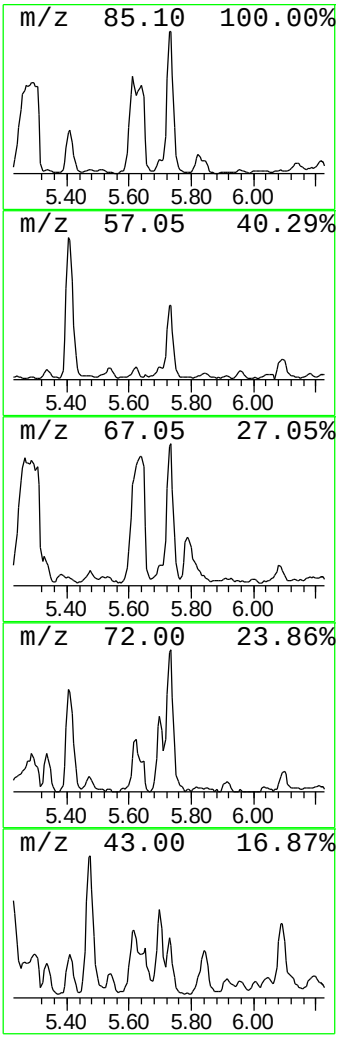
Peak Number 20 unknown-02 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	3.81 ng/ul	300771	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyltetrahydrofuran-2-methan...	116	C6H12O2	006126-49-4	42
2	5-Oxotetrahydrofuran-2-carboxyli...	144	C6H8O4	021461-85-8	33
3	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	9
4	1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	9
5	2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	9





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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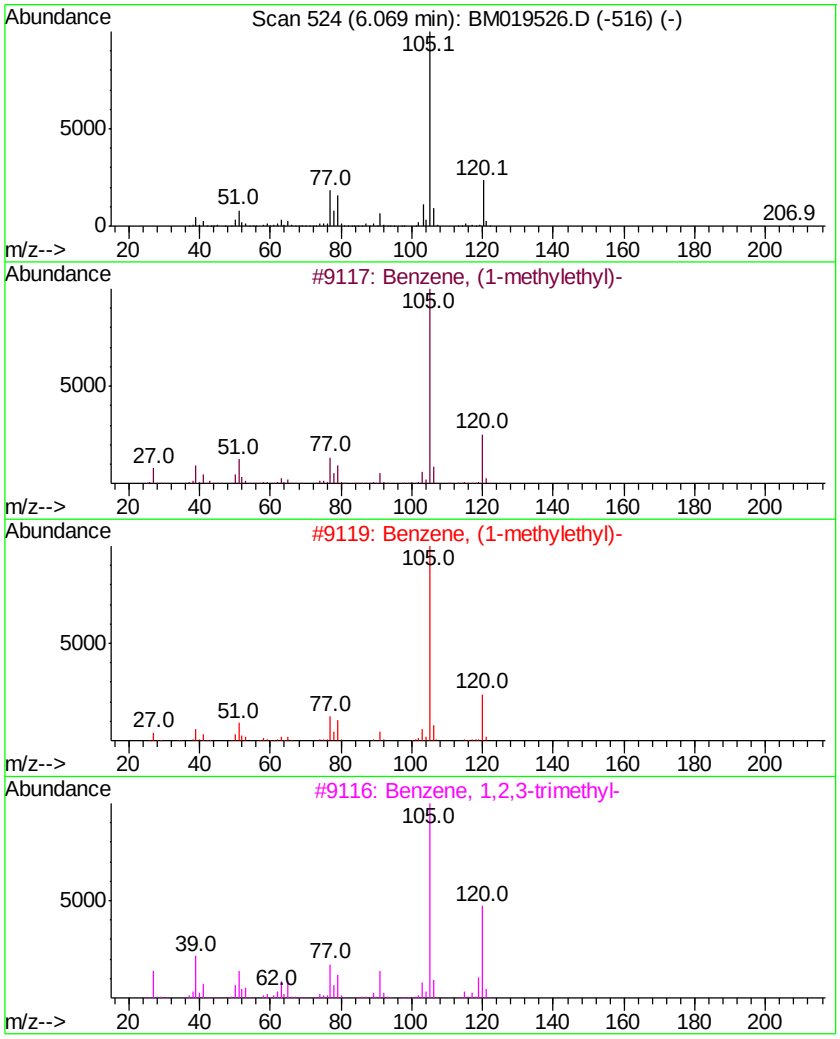
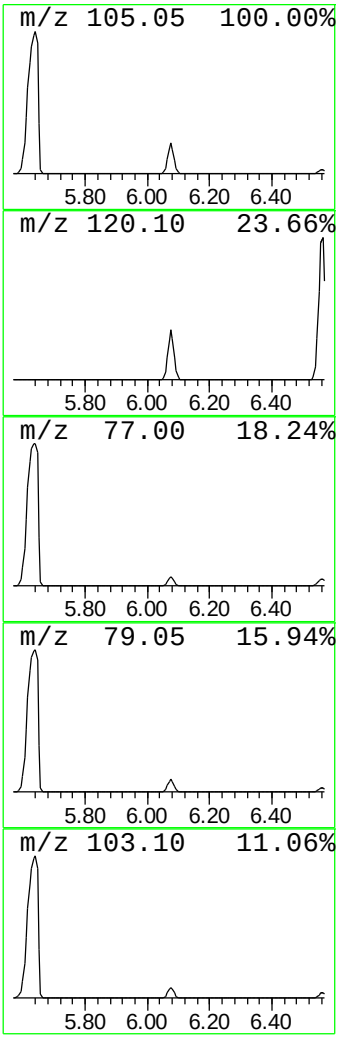
Peak Number 21 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	48.31 ng/ul	3814940	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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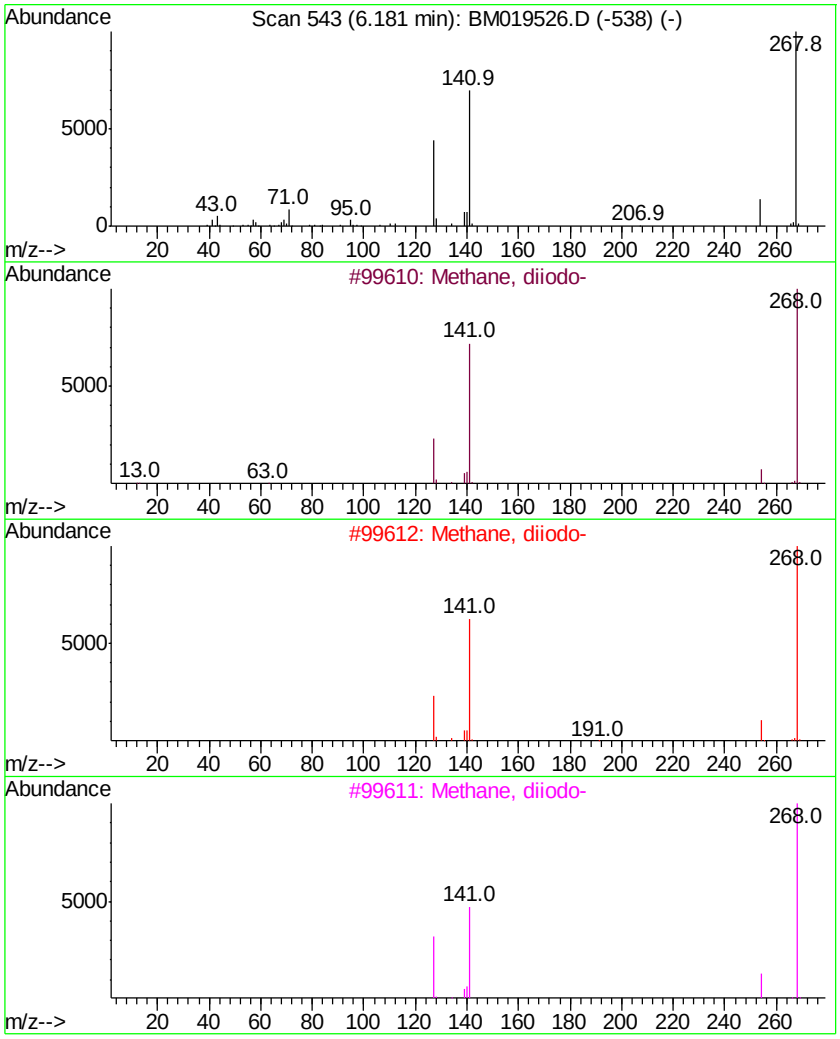
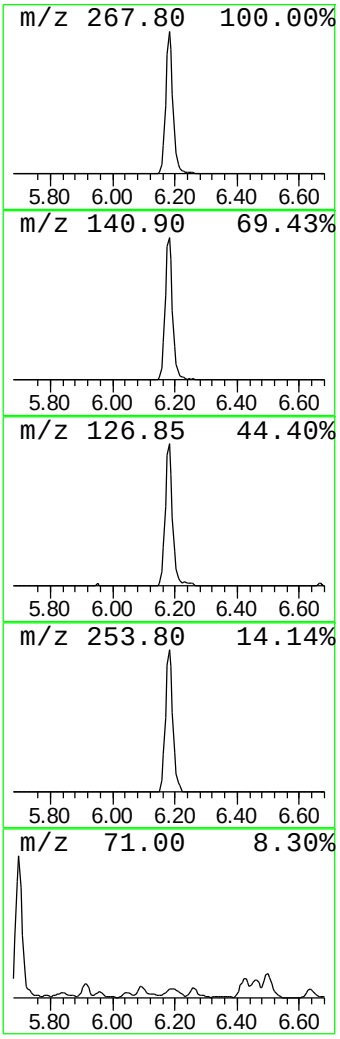
Peak Number 22 Methane, diiodo- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	3.62 ng/ul	285916	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diiodo-	268	CH2I2	000075-11-6	91
2	Methane, diiodo-	268	CH2I2	000075-11-6	90
3	Methane, diiodo-	268	CH2I2	000075-11-6	86
4	Bis-(2,6-difluoro-phenyl)-methanone	254	C13H6F4O	1000278-16-9	9
5	1H-Isoindole-1,3(2H)-dione, 2-(3...	268	C14H8N2O4	036647-25-3	7





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TIC Integration Parameters: LSCINT.P

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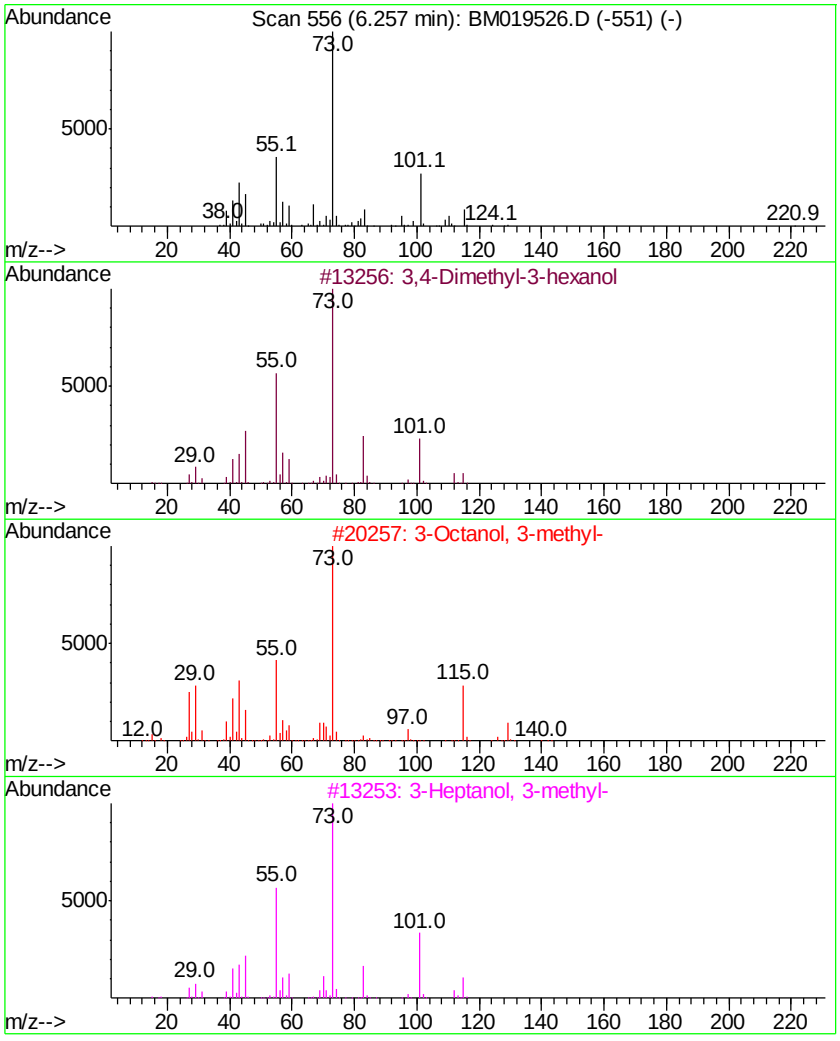
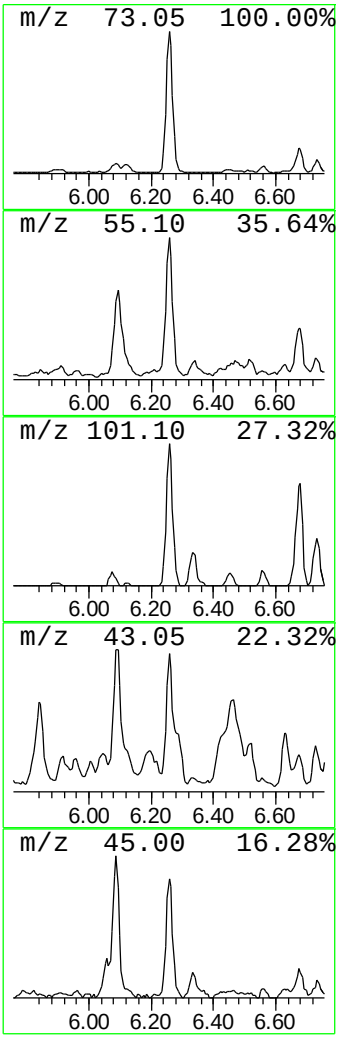
Peak Number 23 3,4-Dimethyl-3-hexanol Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	7.48 ng/ul	590749	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	50
2	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	47
3	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	45
4	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	43
5	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	40





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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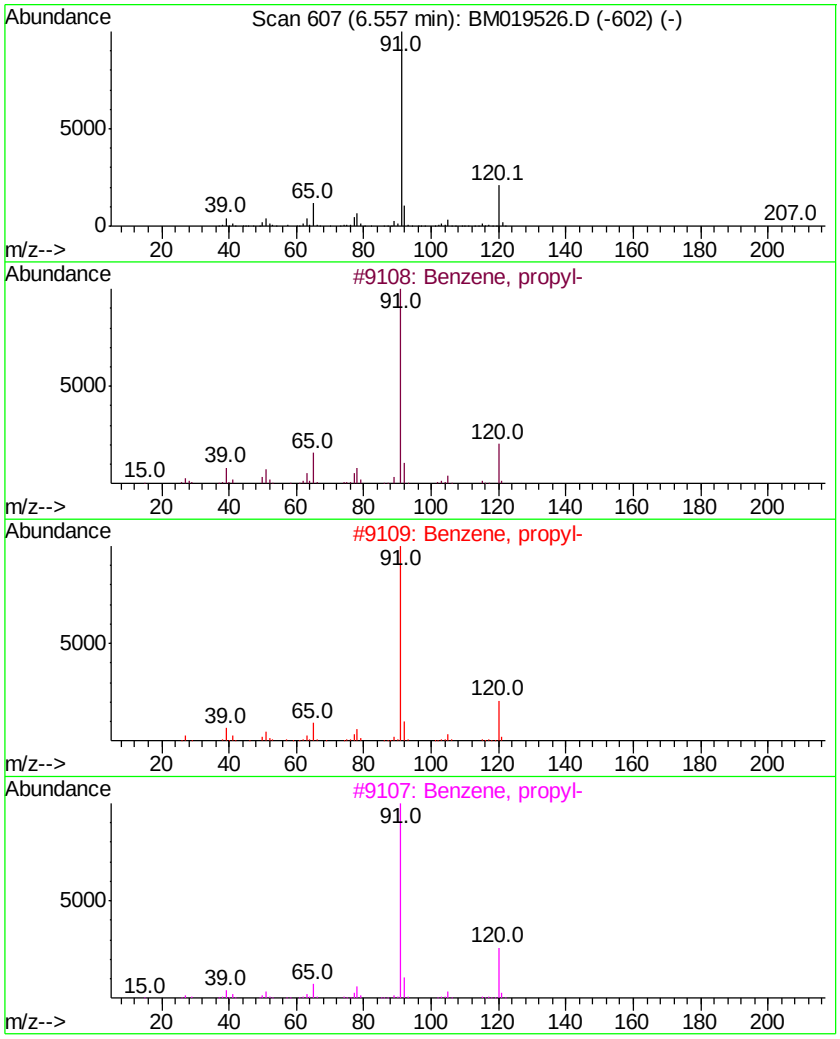
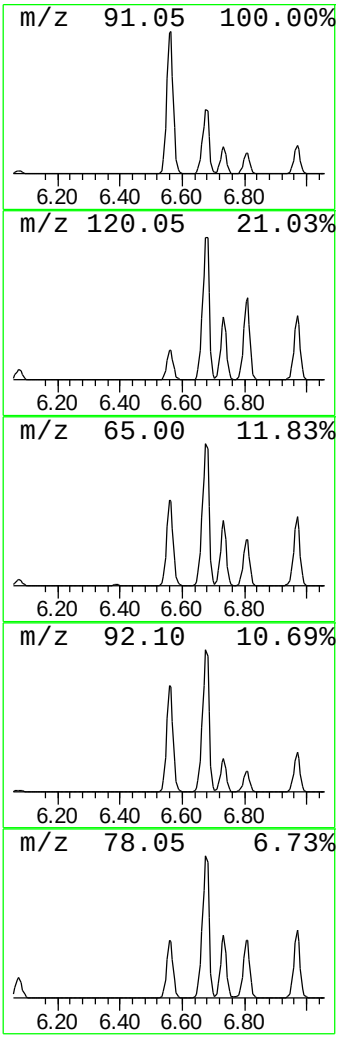
Peak Number 24 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	112.93 ng/ul	8916930	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





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Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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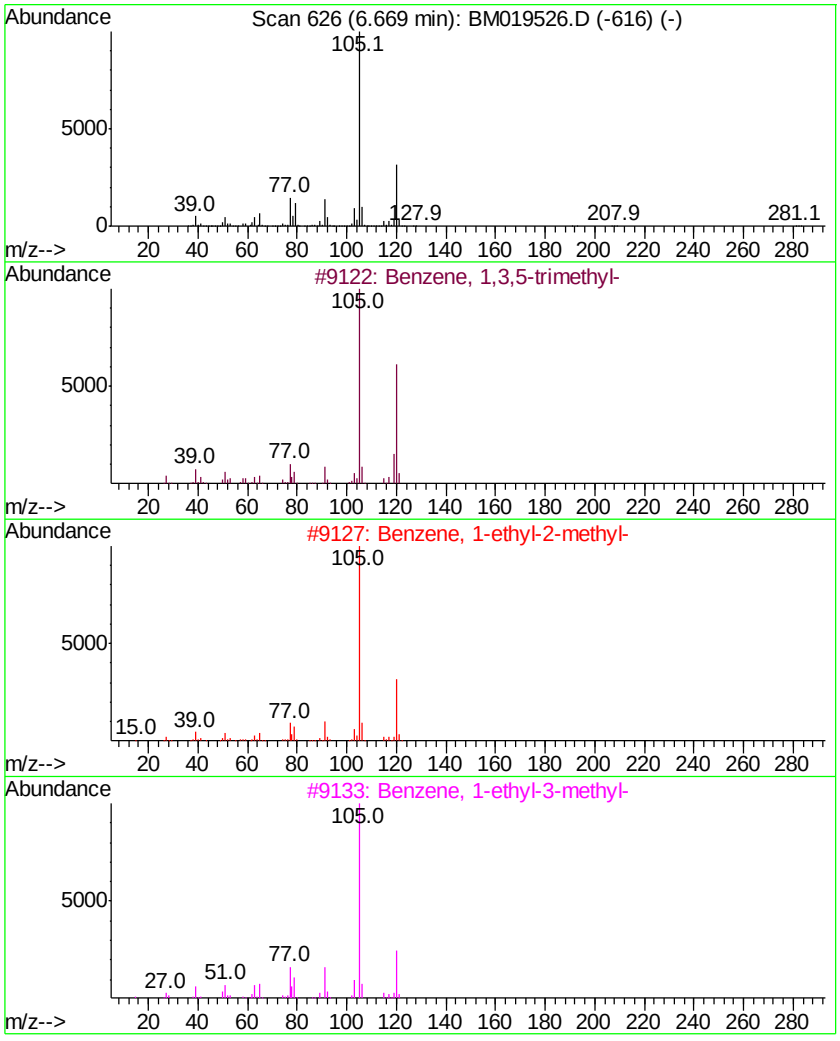
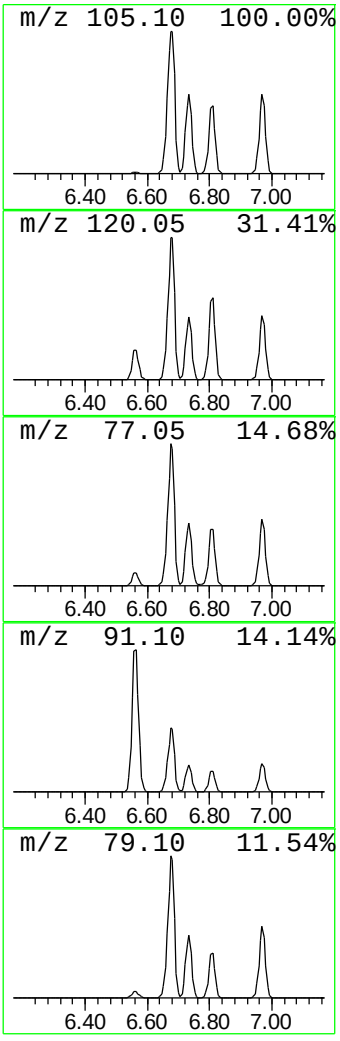
Peak Number 25 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	493.31 ng/ul	38952100	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Misc :
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Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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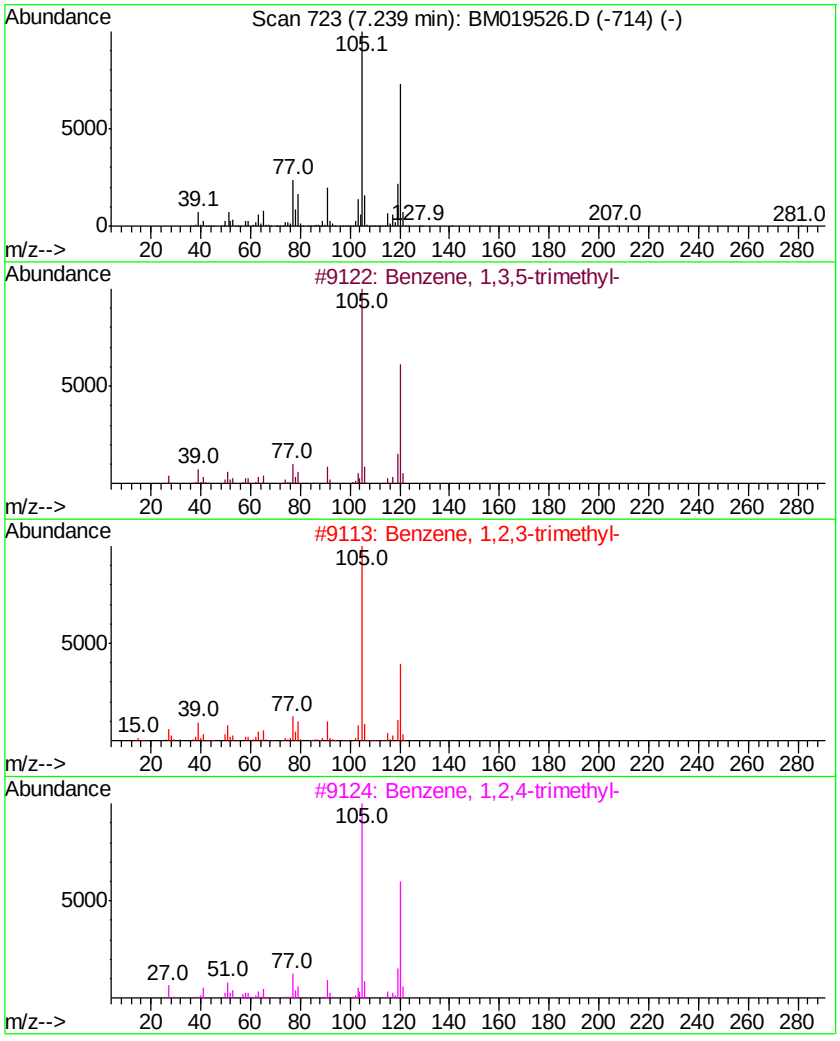
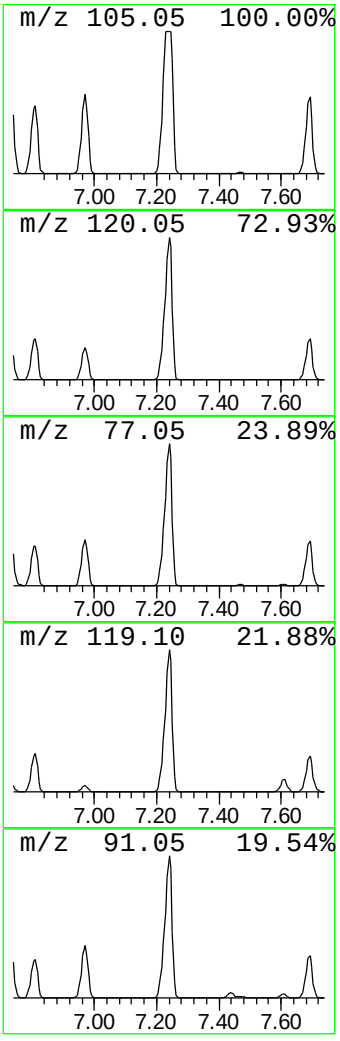
Peak Number 26 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	817.02 ng/ul	64511900	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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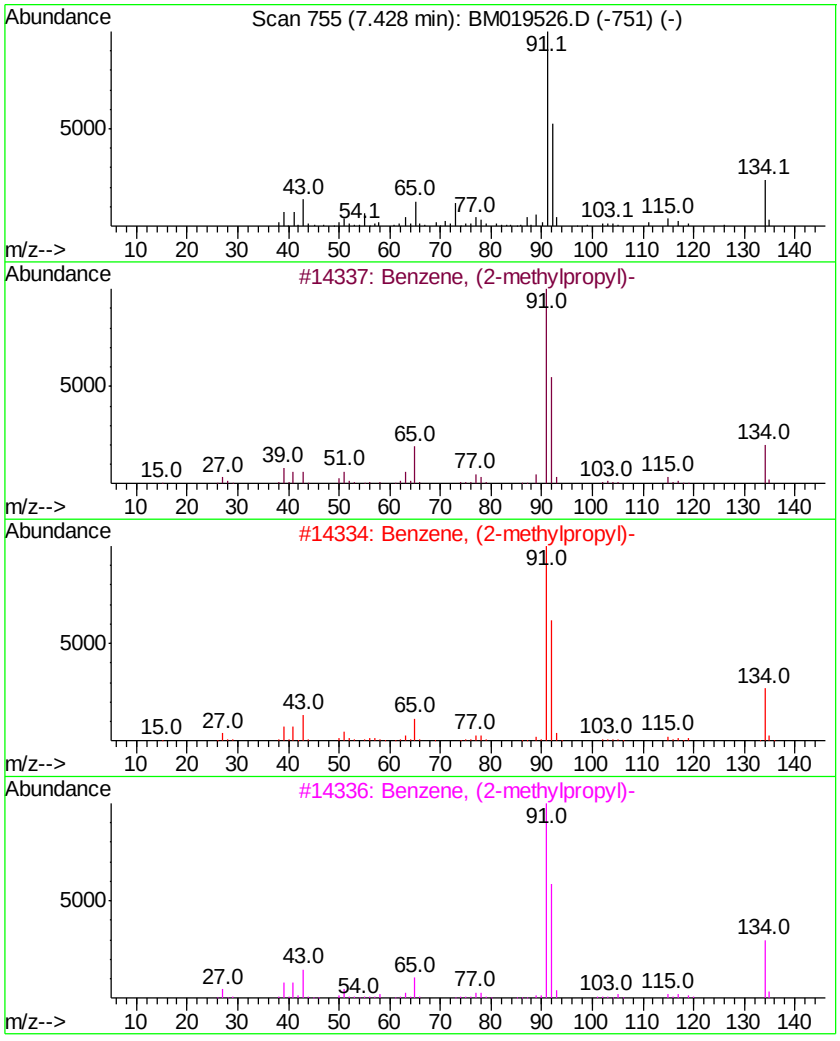
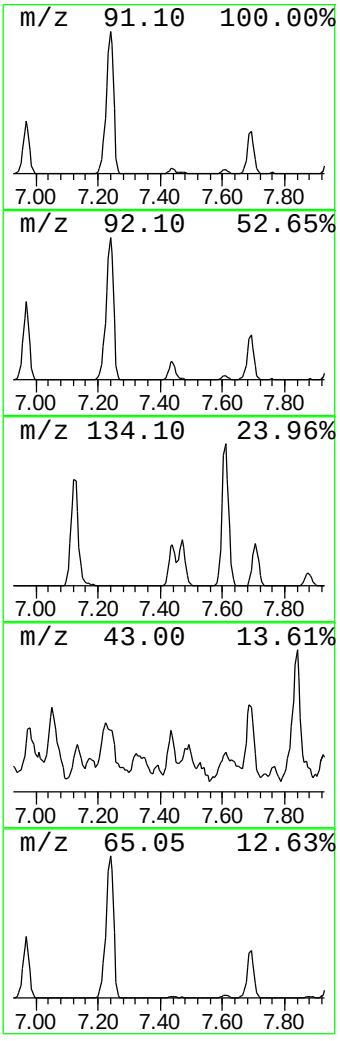
Peak Number 27 Benzene, (2-methylpropyl)- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.02 ng/ul	238519	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	74
4	Benzene, butyl-	134	C10H14	000104-51-8	64
5	Benzene, butyl-	134	C10H14	000104-51-8	58





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Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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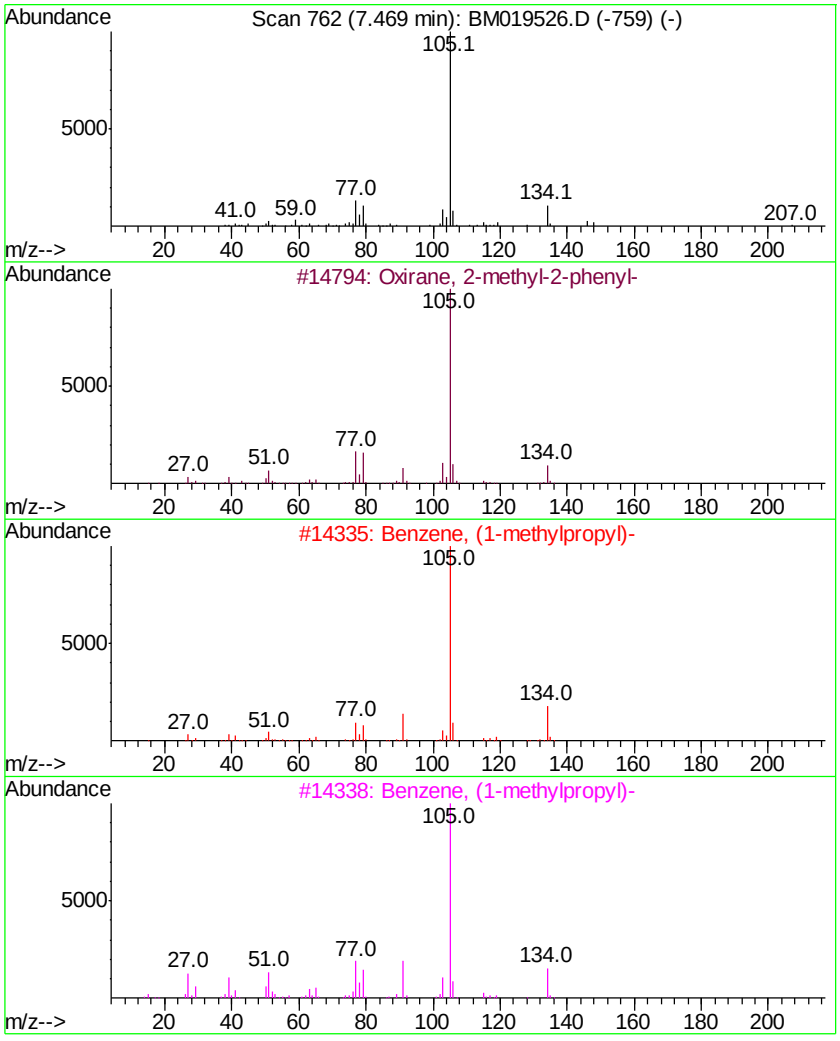
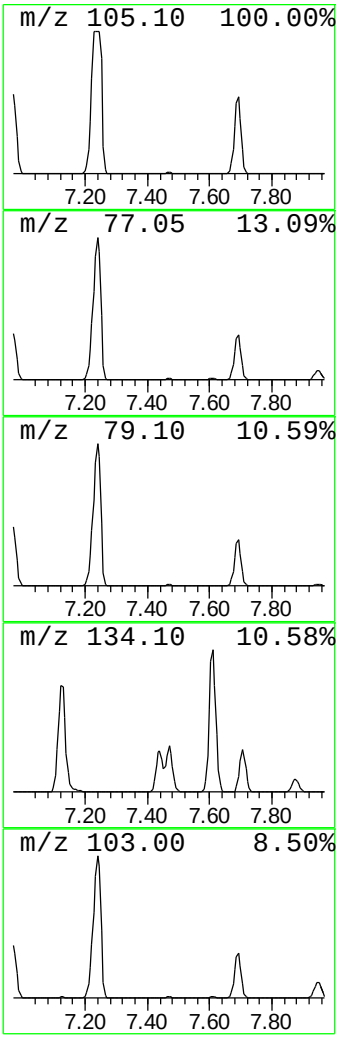
Peak Number 28 Oxirane, 2-methyl-2-phenyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.81 ng/ul	301108	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
4	2-Tolyloxirane	134	C9H10O	002783-26-8	78
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	78





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Sample : K2063-16
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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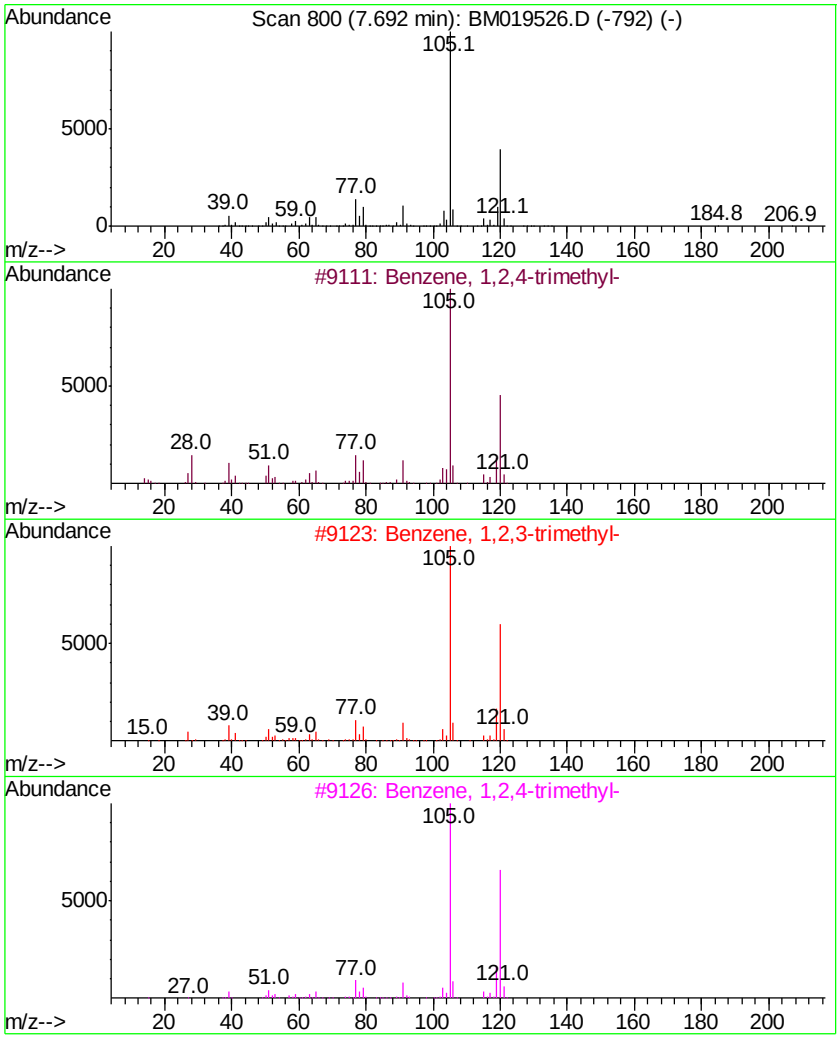
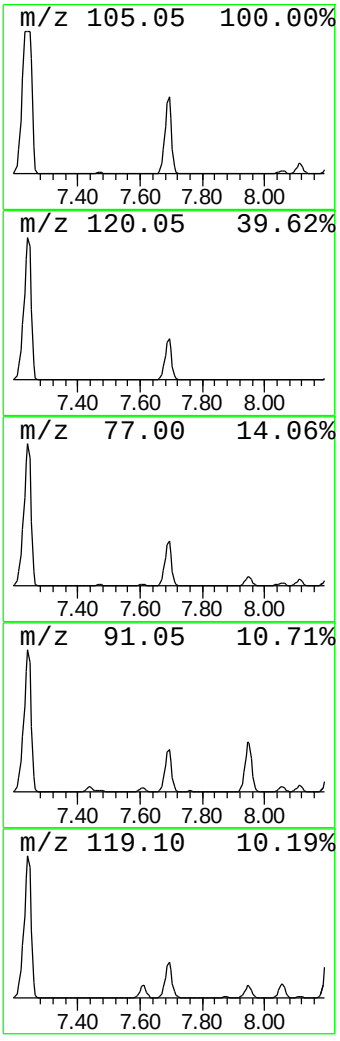
Peak Number 29 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	232.36 ng/ul	18347100	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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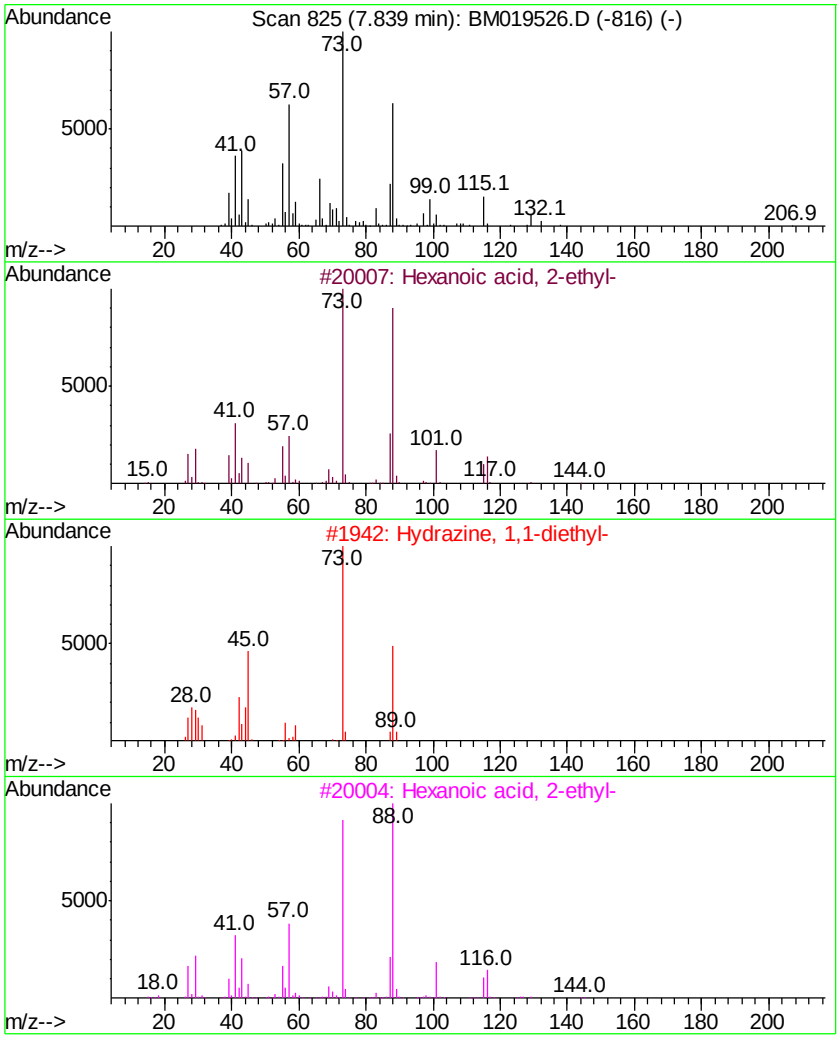
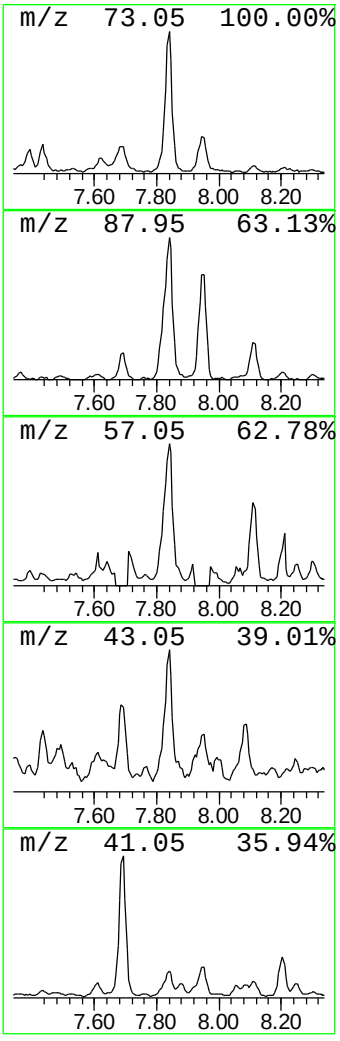
Peak Number 30 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	6.45 ng/ul	509229	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	27
2	Hydrazine, 1,1-diethyl-	88	C4H12N2	000616-40-0	22
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	22
4	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	22
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	16





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Sample : K2063-16
Misc :
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Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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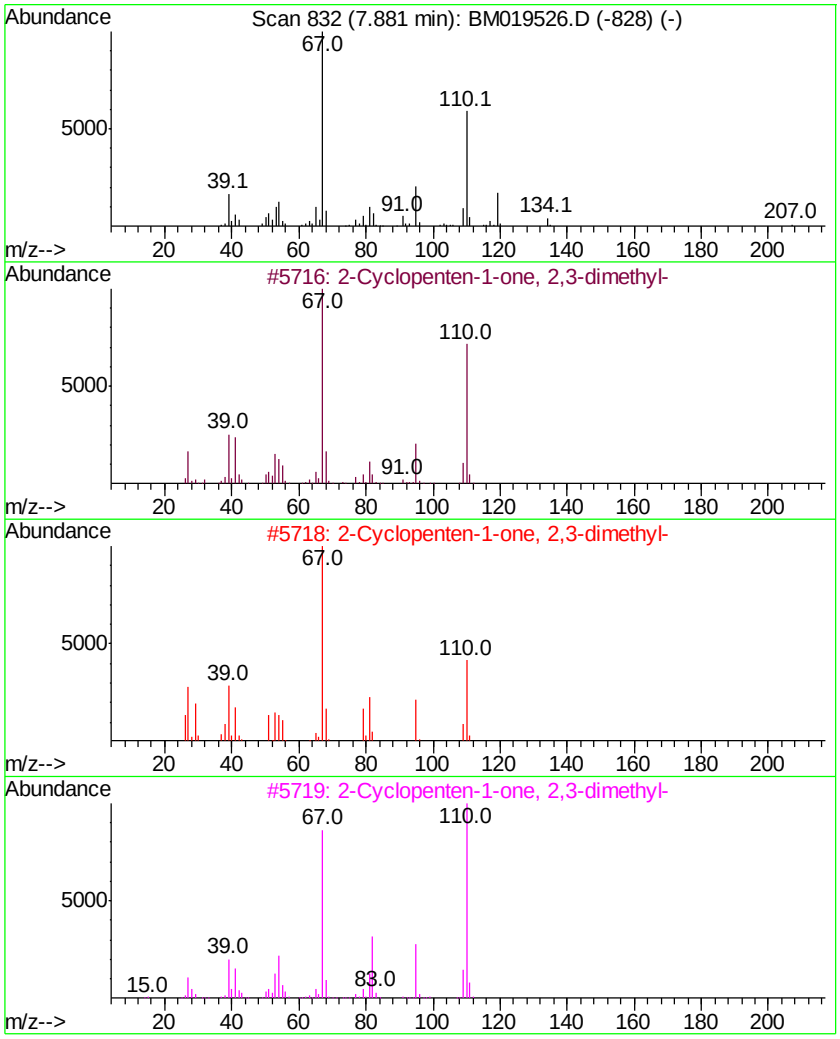
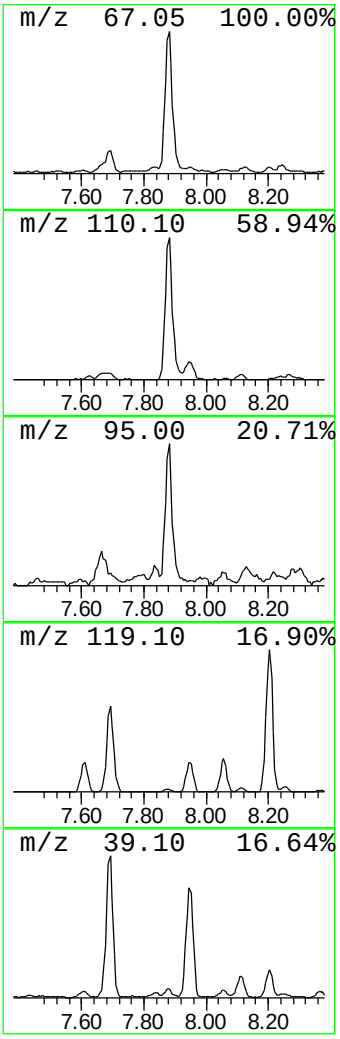
Peak Number 31 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	4.91 ng/ul	387567	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	93
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	72
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	64
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	55
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	46





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Instrument : BNA_M
ClientSampleId : DB6S4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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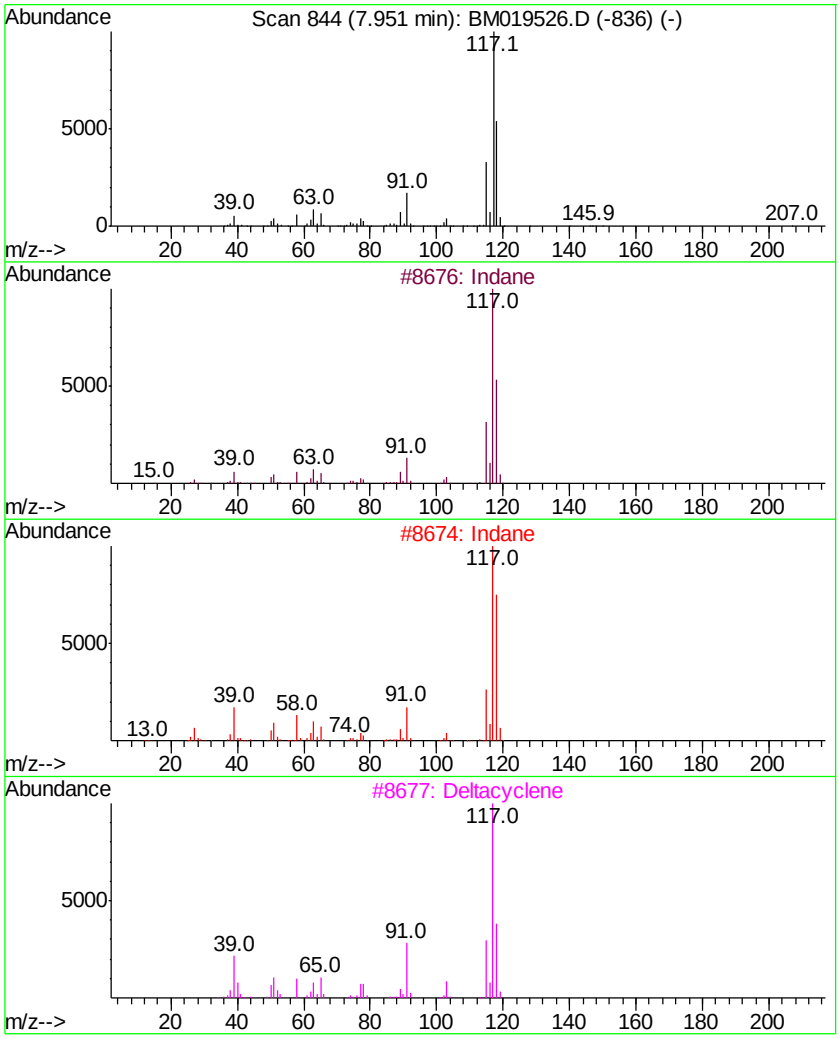
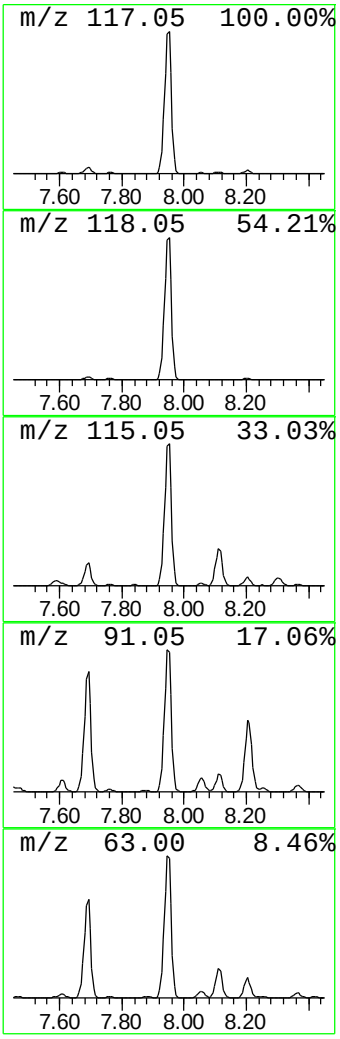
Peak Number 32 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	194.60 ng/ul	15365700	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 33 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	44.23 ng/ul	3492560	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
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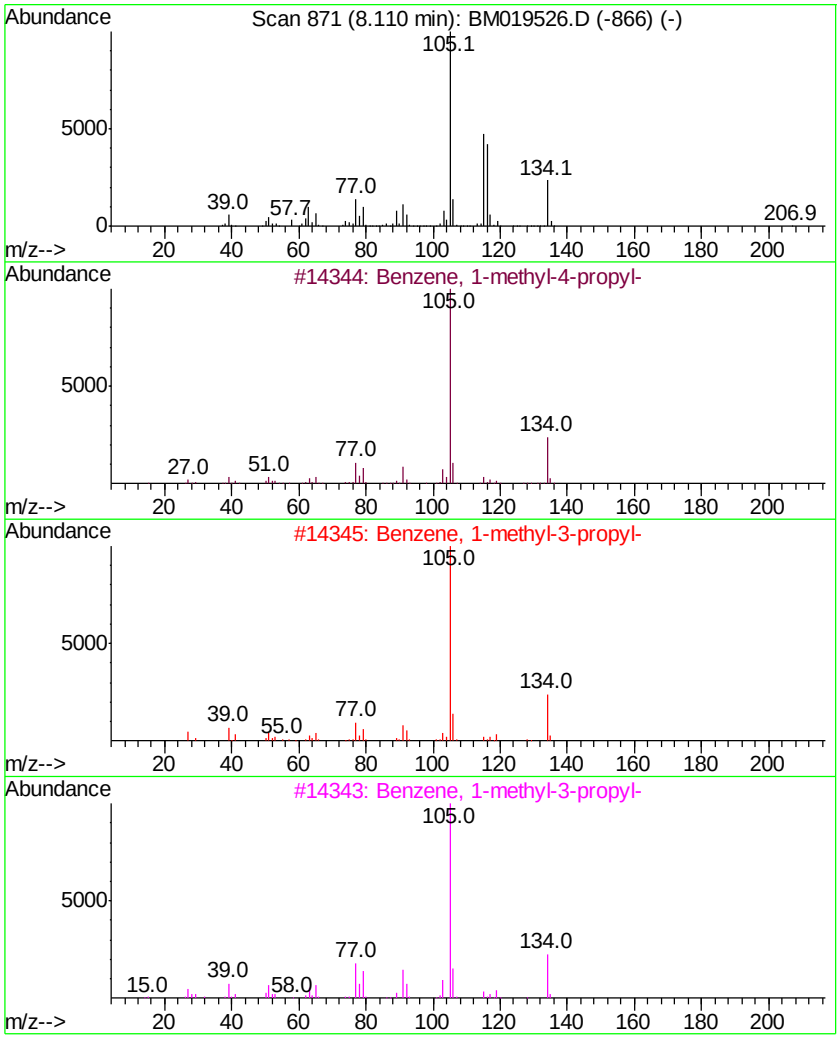

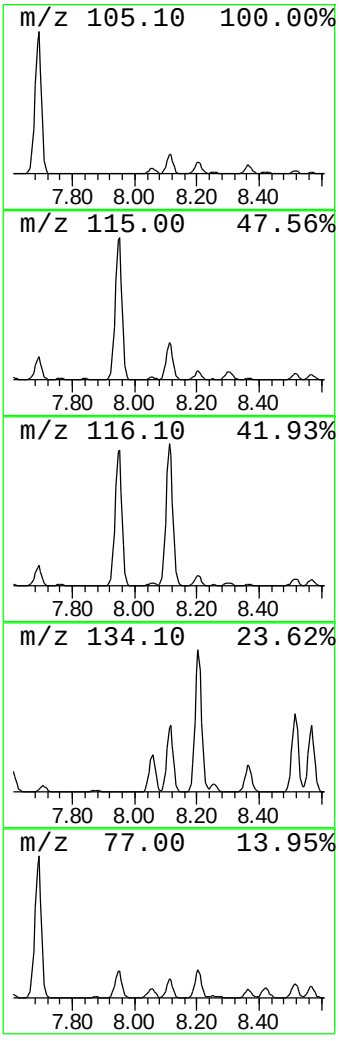

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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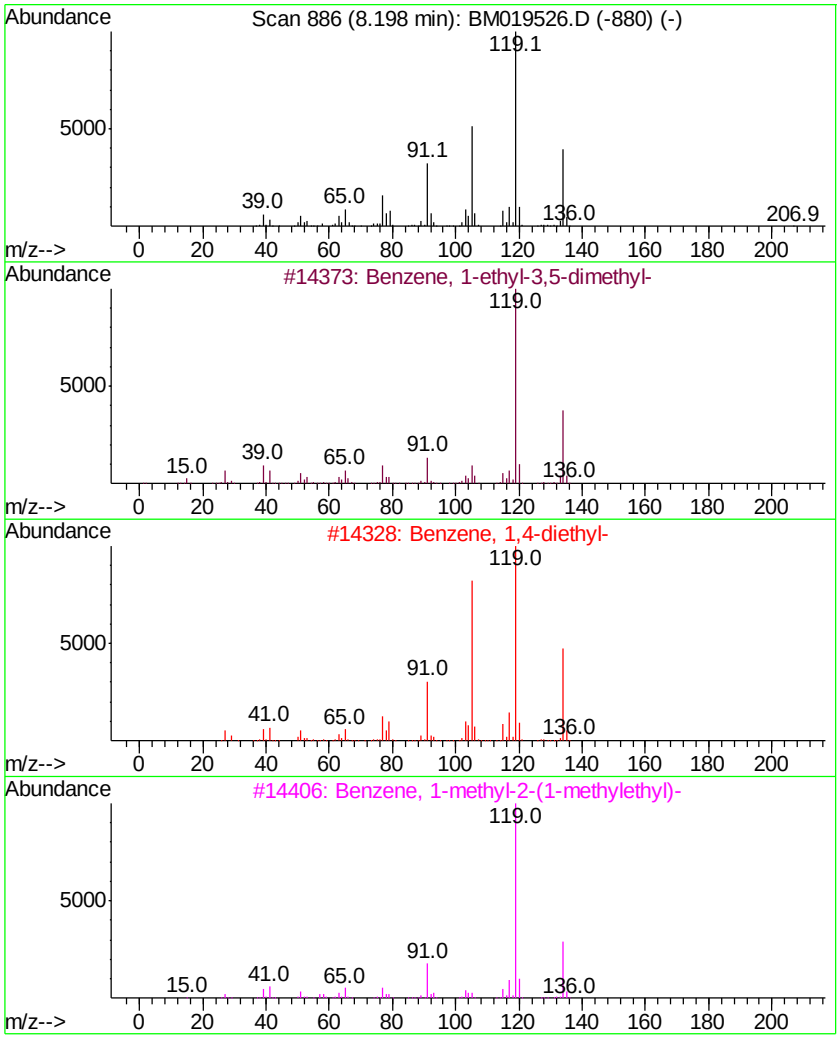
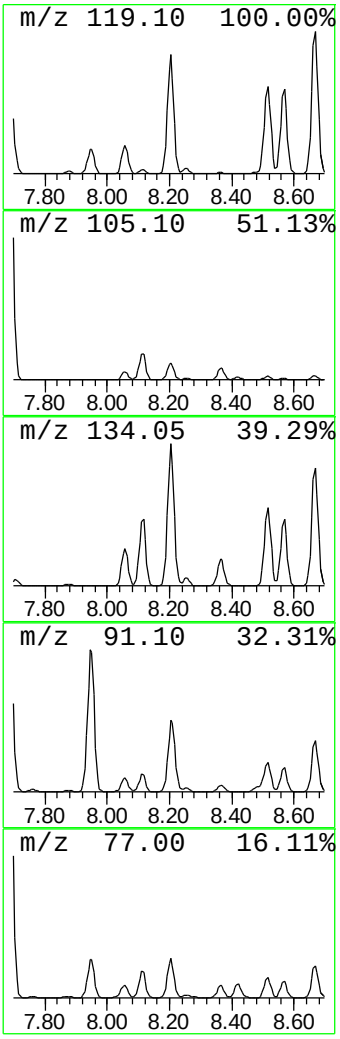
Peak Number 34 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	57.77 ng/ul	4561460	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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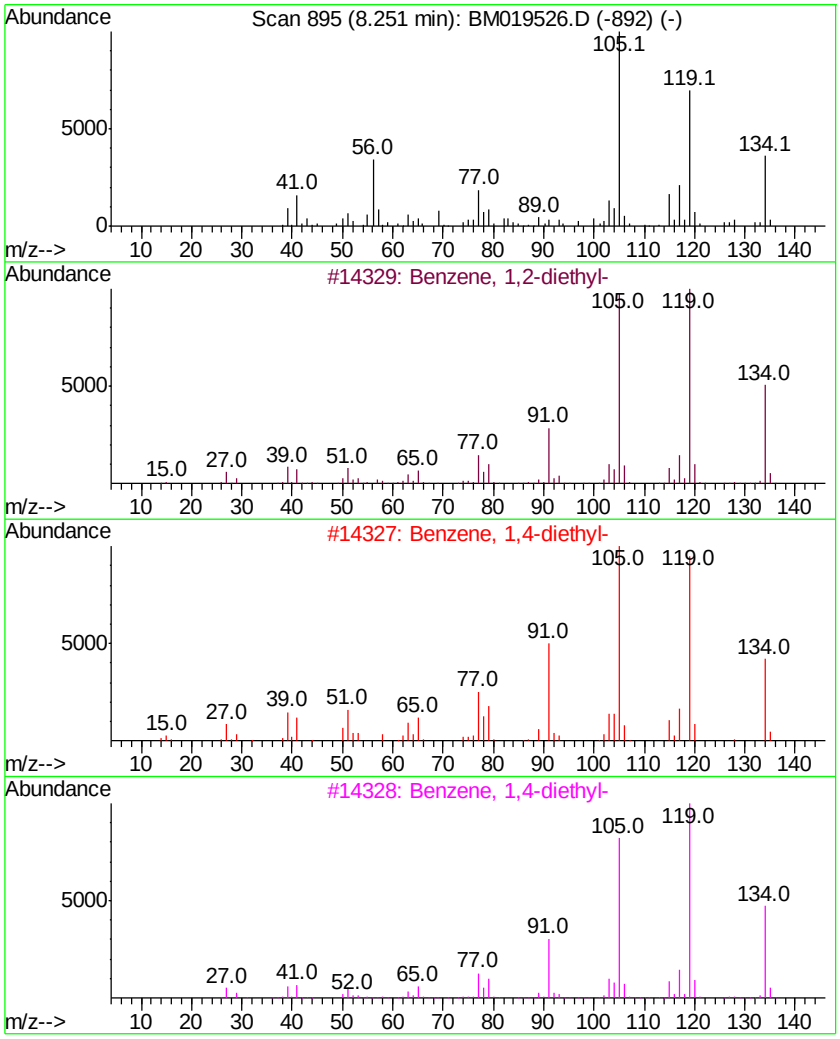
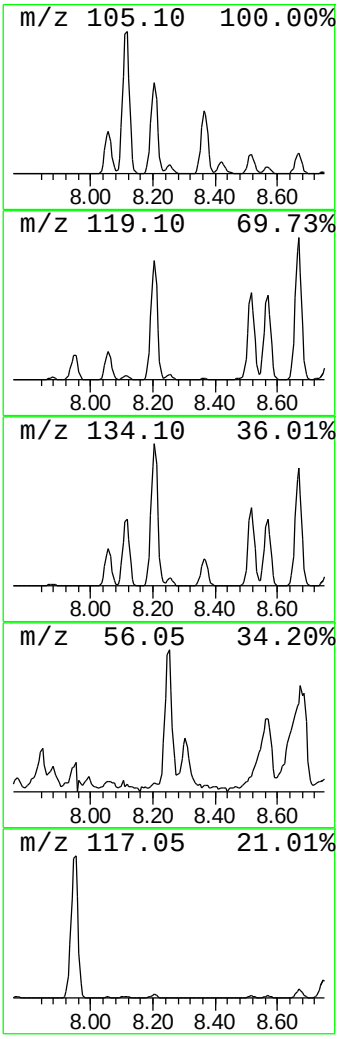
Peak Number 35 Benzene, 1,2-diethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.28 ng/ul	338061	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	74
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	62
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	52
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	52





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Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

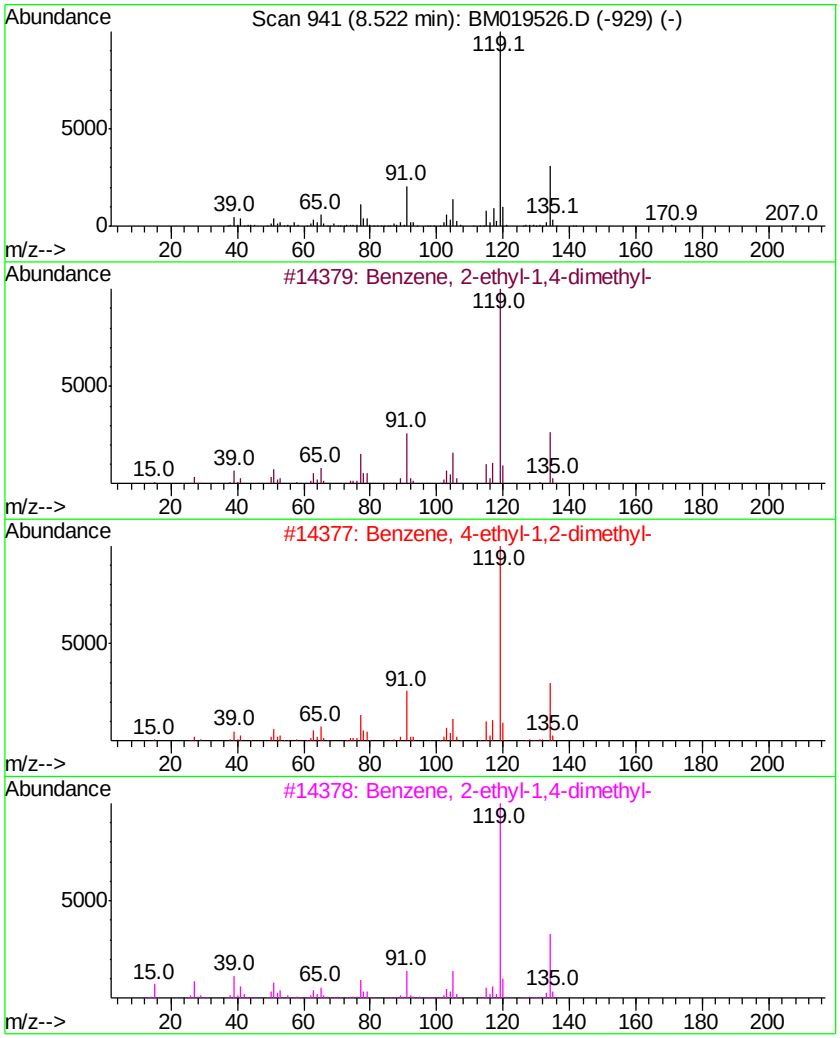
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

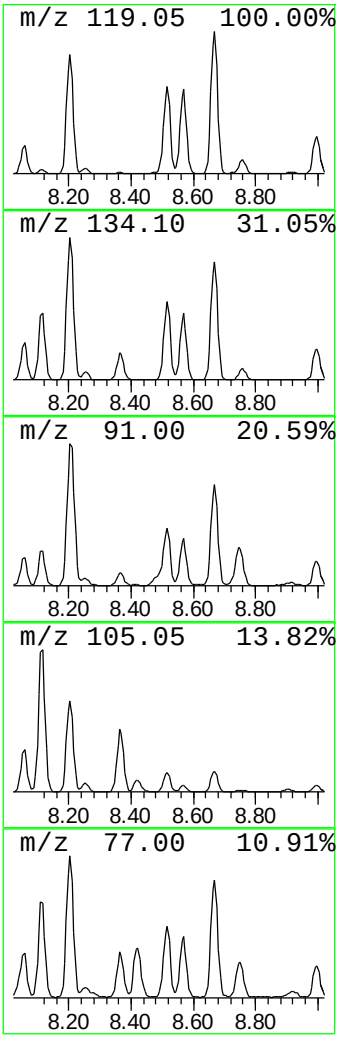
****

Peak Number 36 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	33.65 ng/ul	2657260	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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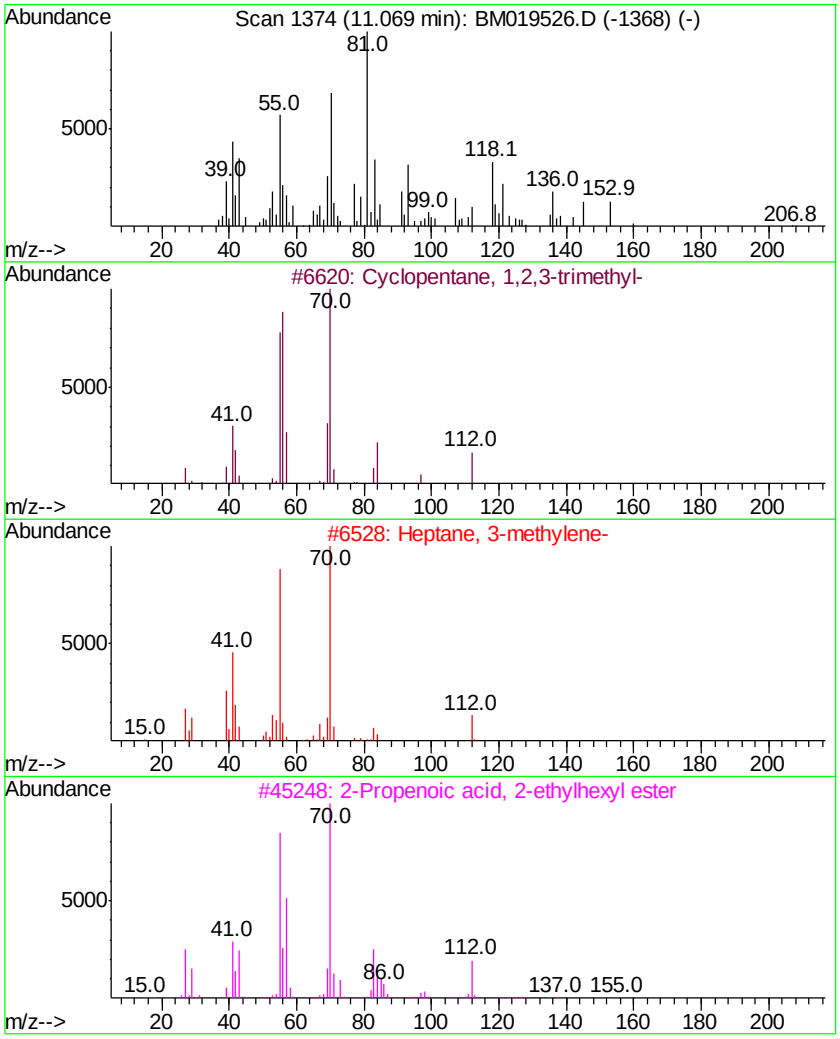
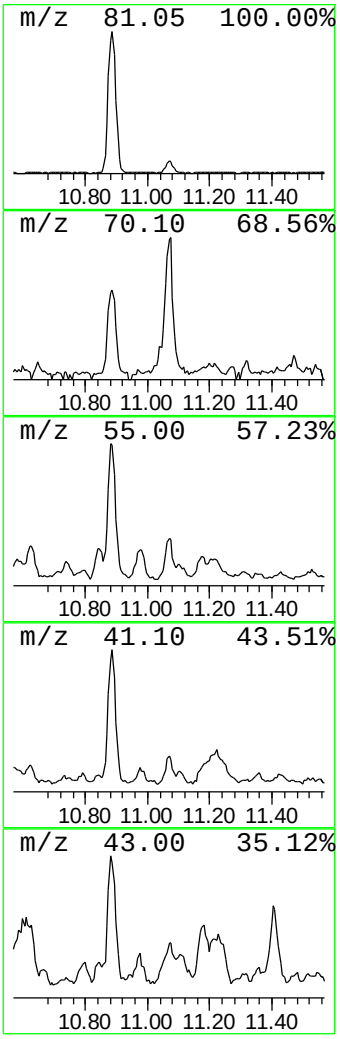
Peak Number 51 (DEL) Alkane: Cyclic11.07 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	12.44 ng/ul	298150	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	18
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	18
3	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	14
4	1-Hepten-3-one	112	C7H12O	002918-13-0	14
5	1,2-Dimethyl-3-ethyldiaziridine	100	C5H12N2	211568-96-6	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butanol, 2,3-di...	3.38	17.2	ng/ul	1357610	1	7.59	1579210	20.0
3-Pentanol, 3-met...	3.63	19.7	ng/ul	1559000	1	7.59	1579210	20.0
3-Hexanone	3.97	9.0	ng/ul	710107	1	7.59	1579210	20.0
unknown-01	4.06	3.4	ng/ul	267467	1	7.59	1579210	20.0
Cyclopentanol, 1-...	4.12	8.3	ng/ul	659414	1	7.59	1579210	20.0
2-Pentanol, 2,3-d...	4.60	12.0	ng/ul	950290	1	7.59	1579210	20.0
(DEL) Alkane: Str...	4.71	5.3	ng/ul	418691	1	7.59	1579210	20.0
3-Hexanol, 3-methyl-	4.77	13.7	ng/ul	1083590	1	7.59	1579210	20.0
3-Heptanone	5.41	4.3	ng/ul	340518	1	7.59	1579210	20.0
2-Heptanone	5.47	3.0	ng/ul	233001	1	7.59	1579210	20.0
p-Xylene	5.64	1481.8	ng/ul	117007000	1	7.59	1579210	20.0
1-Methylcyclohexanol	5.70	6.0	ng/ul	470884	1	7.59	1579210	20.0
unknown-02	5.73	3.8	ng/ul	300771	1	7.59	1579210	20.0
Benzene, (1-methy...	6.07	48.3	ng/ul	3814940	1	7.59	1579210	20.0
Methane, diiodo-	6.18	3.6	ng/ul	285916	1	7.59	1579210	20.0
3,4-Dimethyl-3-he...	6.26	7.5	ng/ul	590749	1	7.59	1579210	20.0
Benzene, propyl-	6.56	112.9	ng/ul	8916930	1	7.59	1579210	20.0
Benzene, 1,3,5-tr...	6.67	493.3	ng/ul	38952100	1	7.59	1579210	20.0
Benzene, 1-ethyl-...	7.24	817.0	ng/ul	64511900	1	7.59	1579210	20.0
Benzene, (2-methy...	7.43	3.0	ng/ul	238519	1	7.59	1579210	20.0
Oxirane, 2-methyl...	7.47	3.8	ng/ul	301108	1	7.59	1579210	20.0
Benzene, 1,2,4-tr...	7.69	232.4	ng/ul	18347100	1	7.59	1579210	20.0
unknown-03	7.84	6.5	ng/ul	509229	1	7.59	1579210	20.0
2-Cyclopenten-1-o...	7.88	4.9	ng/ul	387567	1	7.59	1579210	20.0
Indane	7.95	194.6	ng/ul	15365700	1	7.59	1579210	20.0
unknown-04	8.11	44.2	ng/ul	3492560	1	7.59	1579210	20.0
Benzene, 1-ethyl-...	8.20	57.8	ng/ul	4561460	1	7.59	1579210	20.0
Benzene, 1,2-diet...	8.25	4.3	ng/ul	338061	1	7.59	1579210	20.0
Benzene, 2-ethyl-...	8.52	33.6	ng/ul	2657260	1	7.59	1579210	20.0
(DEL) Alkane: Cyc...	11.07	12.4	ng/ul	298150	2	10.37	479216	20.0