LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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	63	66	85	rVB	114452	206131	0.76%	0.208%
2	3.628	105	109	121	rVB	95145	170734	0.63%	0.172%
3	3.828	136	143	163	rBV	17386113	27102402	100.00%	27.344%
4	3.987	166	170	177	rVB	24256	39468	0.15%	0.040%
5	4.122	188	193	208	rVB	119261	206434	0.76%	0.208%
6	4.440	242	247	253	rBV	35150	57744	0.21%	0.058%
7	4.598	270	274	283	rBV	53104	100657	0.37%	0.102%
8	4.775	300	304	308	rBV	77341	109378	0.40%	0.110%
9	4.828	308	313	327	rVB	103159	202984	0.75%	0.205%
10	5.110	354	361	372	rVV	3424256	5041925	18.60%	5.087%
11	5.240	376	383	397	rBV	8562729	17216611	63.52%	17.370%
12	5.516	426	430	435	rVB	20456	32622	0.12%	0.033%
13	5.604	436	445	455	rVV	5726302	8632738	31.85%	8.710%
14	5.692	455	460	463	rVV	47725	85756	0.32%	0.087%
15	5.728	463	466	472	rVB	61819	91464	0.34%	0.092%
16	6.069	518	524	538	rVB2	162179	298822	1.10%	0.301%
17	6.257	551	556	563	rVB	32315	47532	0.18%	0.048%
18	6.428	577	585	588	rBV5	21429	42784	0.16%	0.043%
19	6.557	601	607	617	rVB	463886	698408	2.58%	0.705%
20	6.663	617	625	631	rVV	2099940	3073209	11.34%	3.101%
21	6.722	631	635	642	rVV	834496	1219749	4.50%	1.231%
22	6.798	642	648	662	rVB	955177	1420952	5.24%	1.434%
23	6.963	668	676	682	rBV	829098	1284388	4.74%	1.296%
24	7.122	698	703	708	rBV	32455	57597	0.21%	0.058%
25	7.222	713	720	731	rVV	3737898	5775152	21.31%	5.827%
26	7.316	733	736	742	rVB3	18040	30017	0.11%	0.030%
27	7.434	751	756	759	rBV	21456	38440	0.14%	0.039%
28	7.463	759	761	767	rVB	24264	32477	0.12%	0.033%
29	7.581	775	781	791	rBV2	426226	782493	2.89%	0.789%
30	7.681	792	798	808	rVB	1126086	1730065	6.38%	1.746%
31	7.757	808	811	817	rVB2	20481	27987	0.10%	0.028%
32	7.828	817	823	829	rBV	74108	121378	0.45%	0.122%
33	7.939	836	842	850	rVB	929638	1471434	5.43%	1.485%
34	8.051	856	861	866	rBV	124427	194427	0.72%	0.196%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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	8.110	866	871	879	rVV	494729	774920	2.86%	0.782%
36	8.198	879	886	892	rVV	414172	682447	2.52%	0.689%
37	8.251	892	895	901	rVV3	37639	58788	0.22%	0.059%
38	8.316	901	906	909	rVV3	21488	36558	0.13%	0.037%
39	8.363	909	914	921	rVB	89317	141225	0.52%	0.142%
40	8.510	931	939	944	rBV	221281	358539	1.32%	0.362%
41	8.563	944	948	953	rVV	178565	258332	0.95%	0.261%
42	8.663	959	965	973	rBV2	403306	641993	2.37%	0.648%
43	8.745	973	979	988	rVB3	235938	435148	1.61%	0.439%
44	8.910	997	1007	1015	rVB9	21755	60364	0.22%	0.061%
45	8.998	1016	1022	1027	rBV	96995	151973	0.56%	0.153%
46	9.186	1048	1054	1059	rBV	197777	300102	1.11%	0.303%
47	9.245	1059	1064	1072	rVB	284989	441480	1.63%	0.445%
48	9.480	1099	1104	1111	rVB4	42978	90724	0.33%	0.092%
49	9.557	1111	1117	1120	rBV3	34597	62669	0.23%	0.063%
50	9.604	1120	1125	1138	rVB	265478	446493	1.65%	0.450%
51	9.751	1138	1150	1159	rBV2	483082	984285	3.63%	0.993%
52	9.869	1165	1170	1172	rBV3	21447	38518	0.14%	0.039%
53	9.992	1186	1191	1194	rVV	42791	72245	0.27%	0.073%
54	10.051	1198	1201	1207	rVB3	32990	58786	0.22%	0.059%
55	10.269	1234	1238	1241	rBV	21634	30801	0.11%	0.031%
56	10.363	1245	1254	1258	rVV	622882	1186720	4.38%	1.197%
57	10.416	1258	1263	1269	rVV	1487090	2576521	9.51%	2.600%
58	10.463	1269	1271	1278	rVV	63249	88591	0.33%	0.089%
59	10.539	1278	1284	1295	rVB2	72496	165769	0.61%	0.167%
60	11.016	1360	1365	1370	rVB	40064	60474	0.22%	0.061%
61	11.269	1401	1408	1415	rVB	51590	89069	0.33%	0.090%
62	11.463	1435	1441	1448	rBV2	35658	71902	0.27%	0.073%
63	11.551	1451	1456	1463	rVV4	18841	38789	0.14%	0.039%
64	11.745	1484	1489	1497	rBV2	24991	56519	0.21%	0.057%
65	12.039	1532	1539	1551	rBV	478014	831243	3.07%	0.839%
66	12.169	1555	1561	1566	rVB2	52530	84797	0.31%	0.086%
67	12.257	1566	1576	1586	rBV2	238230	603437	2.23%	0.609%
68	13.116	1718	1722	1735	rVB6	25741	58717	0.22%	0.059%
69	13.421	1766	1774	1782	rBV7	16582	47763	0.18%	0.048%
70	13.557	1789	1797	1803	rBV4	23175	42328	0.16%	0.043%
71	13.668	1811	1816	1824	rBV	90556	147394	0.54%	0.149%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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	13.939	1856	1862	1872	rBV	114076	180090	0.66%	0.182%
73	14.245	1907	1914	1924	rBV2	883617	1360481	5.02%	1.373%
74	15.251	2078	2085	2101	rBV	136040	234788	0.87%	0.237%
75	15.409	2107	2112	2122	rBV2	14292	28402	0.10%	0.029%
76	15.915	2193	2198	2210	rBV	18100	41764	0.15%	0.042%
77	17.003	2376	2383	2394	rBV	1141378	1601523	5.91%	1.616%
78	17.109	2395	2401	2412	rVB2	142144	246472	0.91%	0.249%
79	17.898	2530	2535	2544	rBV3	14447	34466	0.13%	0.035%
80	19.409	2787	2792	2802	rBV	199927	313077	1.16%	0.316%
81	21.209	3093	3098	3110	rBV	1604256	2156404	7.96%	2.176%
82	23.274	3444	3449	3457	rVB3	283754	512957	1.89%	0.518%
83	23.415	3467	3473	3483	rVB2	1313218	2484330	9.17%	2.506%

Sum of corrected areas: 99115536

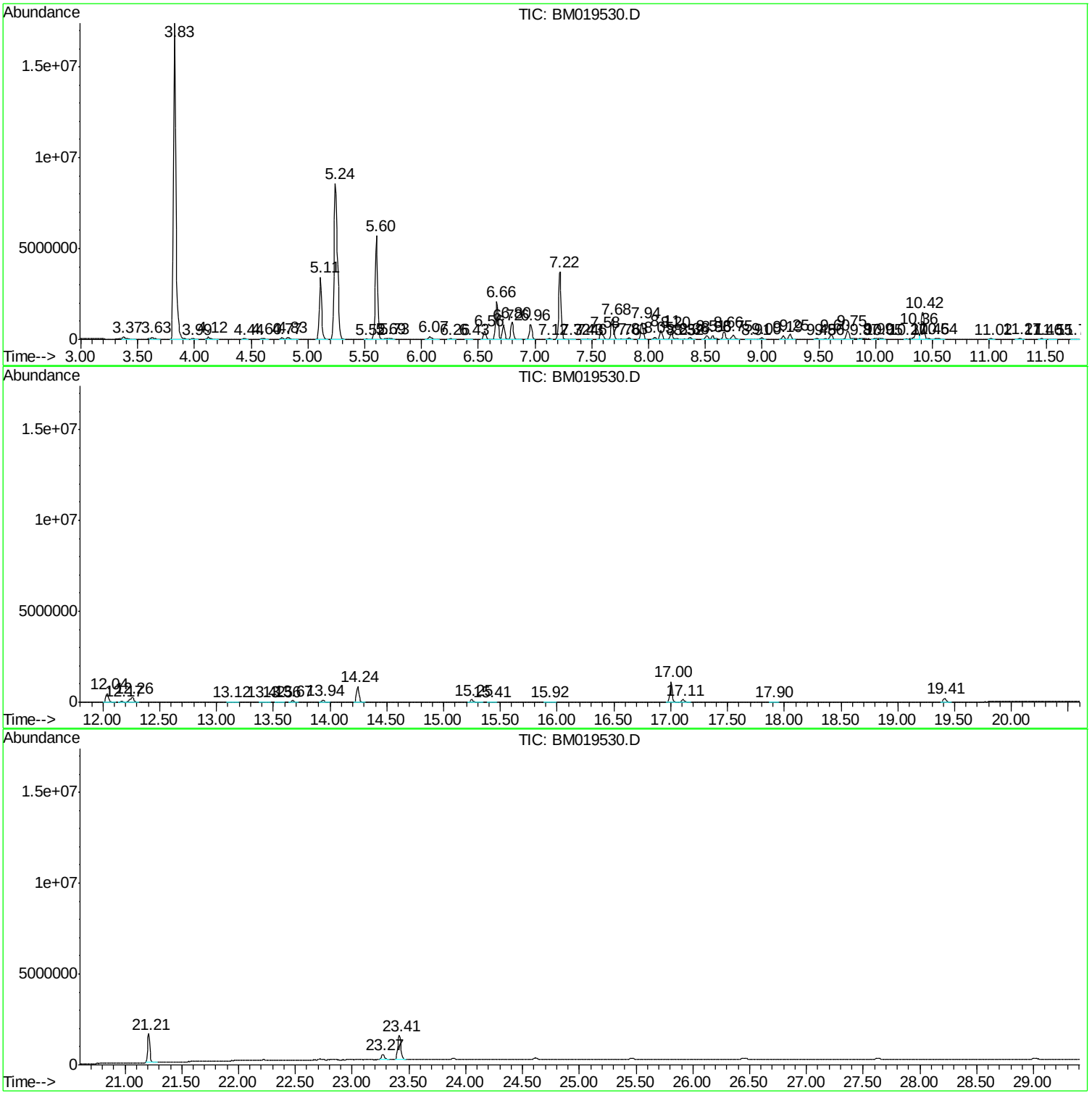
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

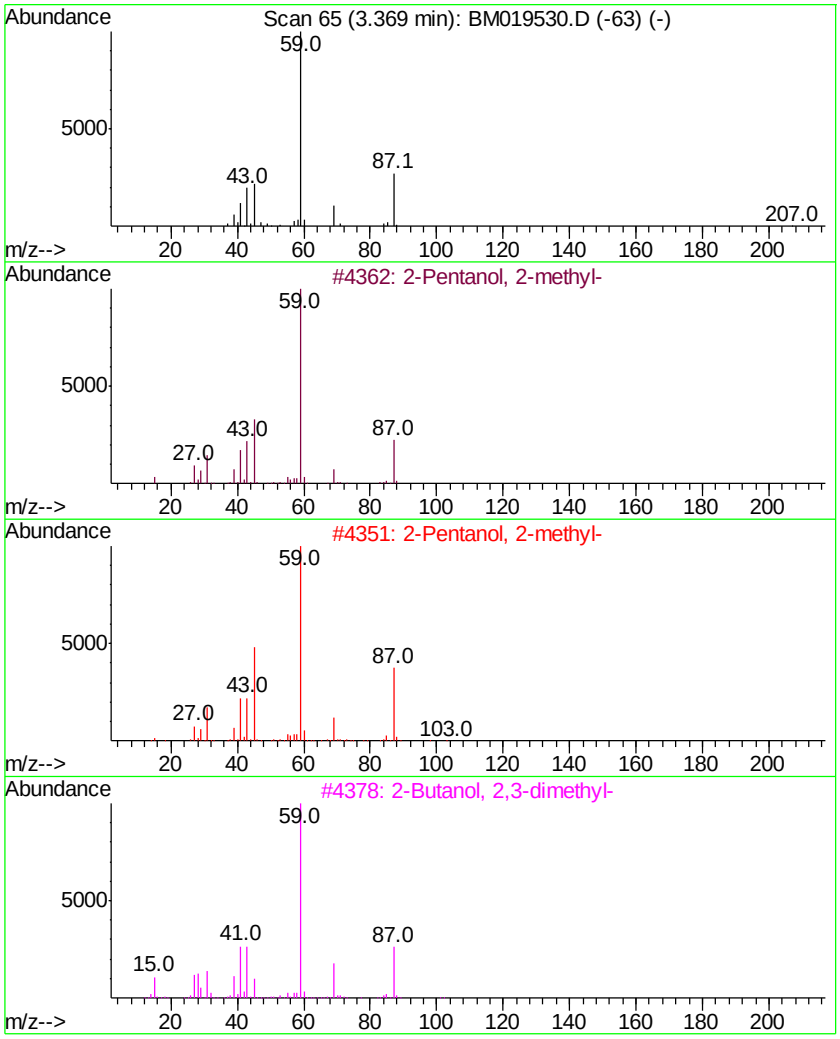
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

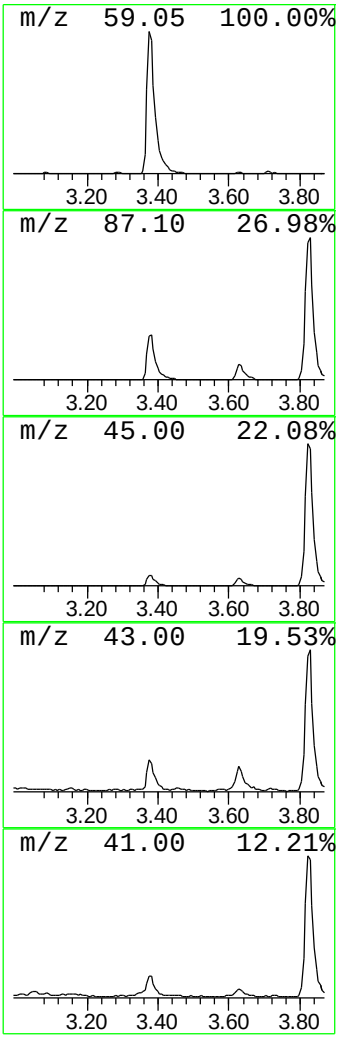
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	5.27 ng/ul	206131	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

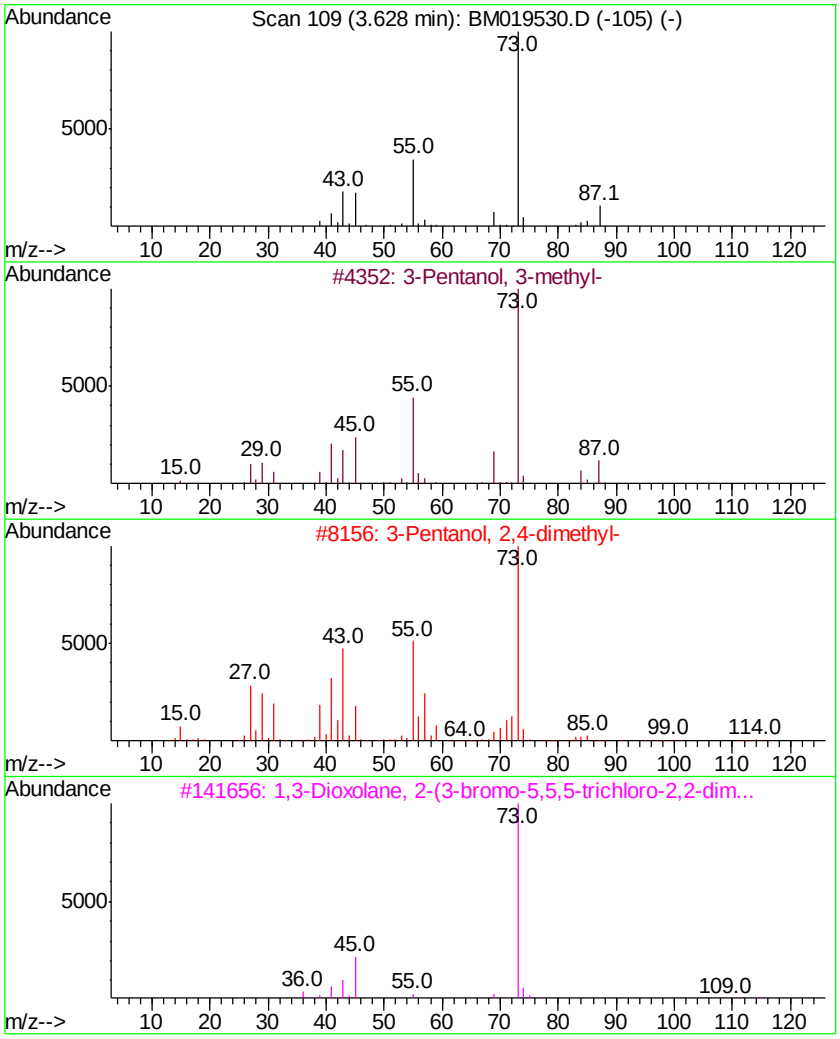
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

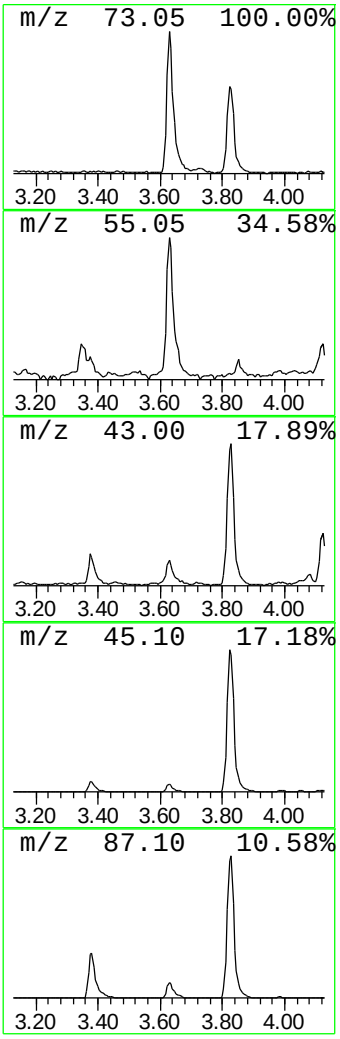
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	4.36 ng/ul	170734	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	56
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	28
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	25
5	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

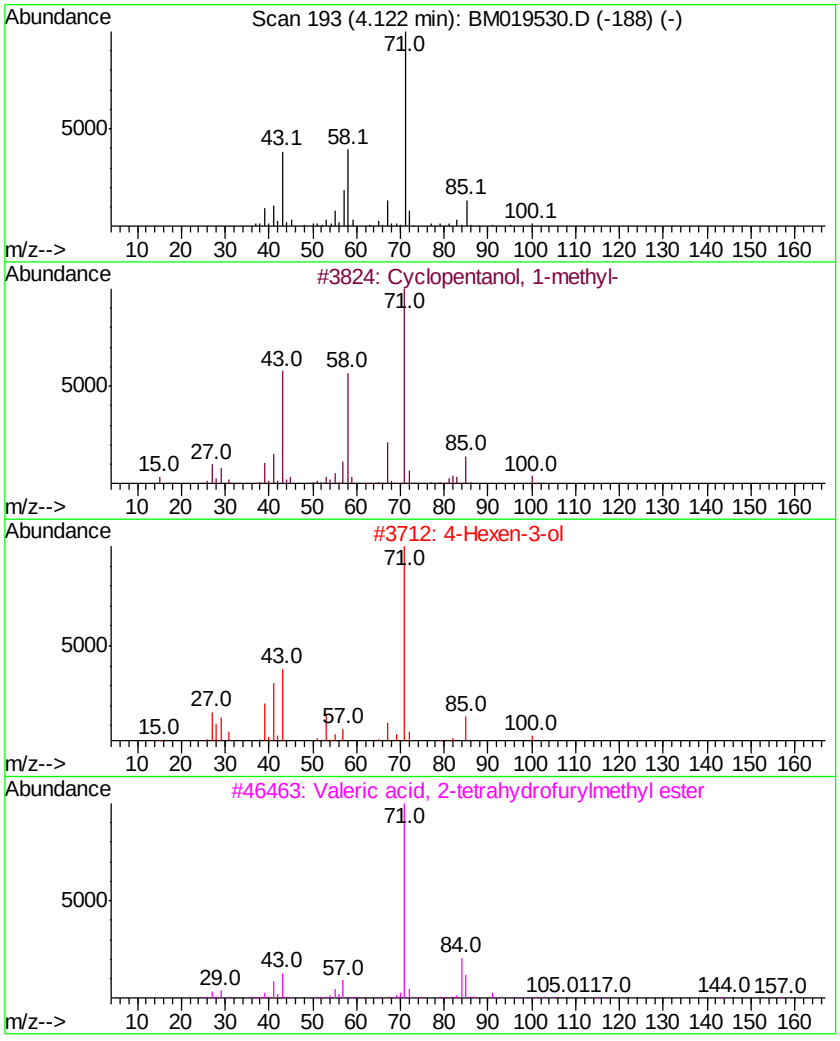
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

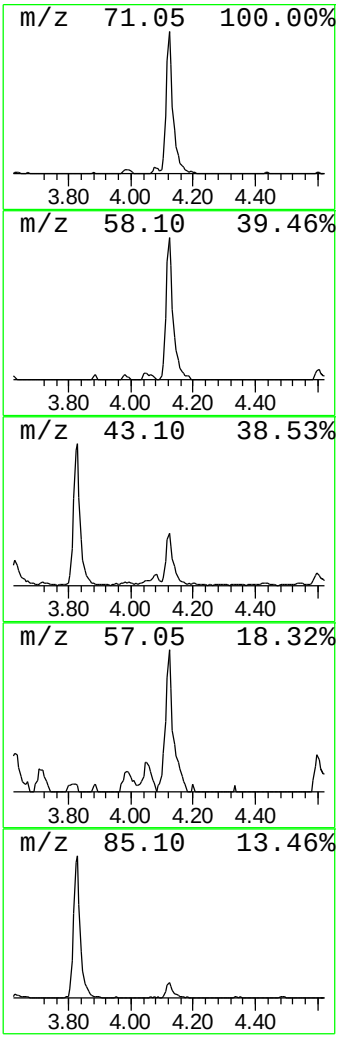
****

Peak Number 4 Cyclopentanol, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	5.28 ng/ul	206434	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	56
2	4-Hexen-3-ol	100	C6H12O	004798-58-7	53
3	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	47
4	Oxirane, butyl-	100	C6H12O	001436-34-6	43
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

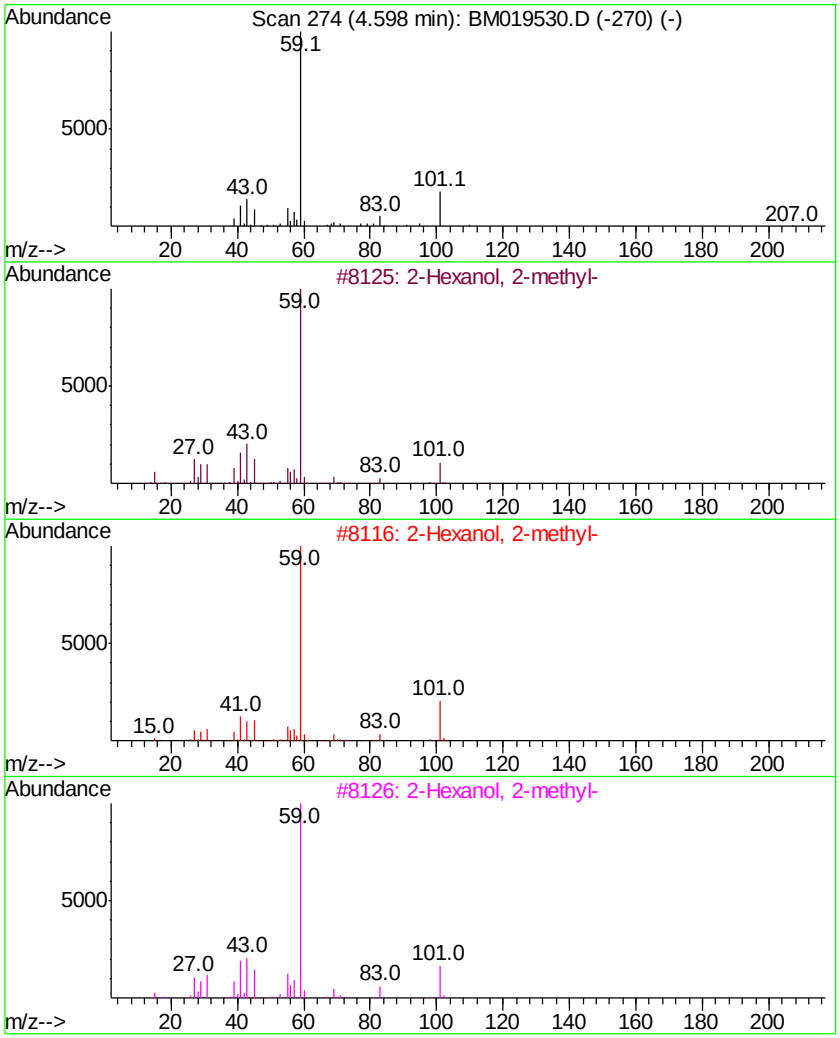
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

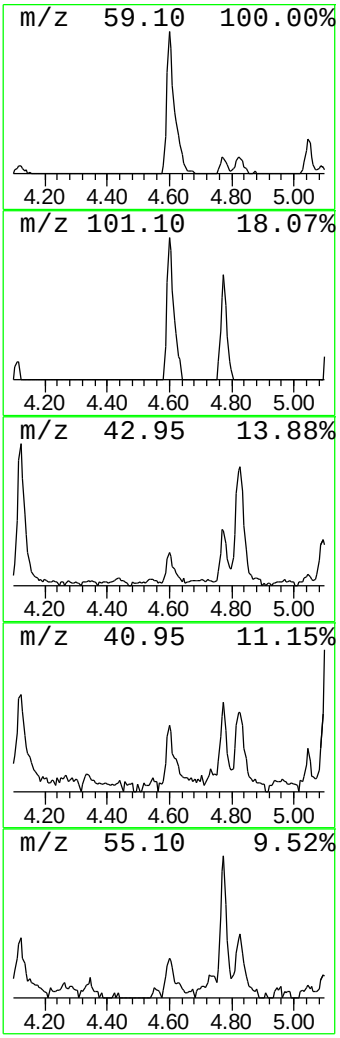
****

Peak Number 5 2-Hexanol, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	2.57 ng/ul	100657	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	78
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
4	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	50
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

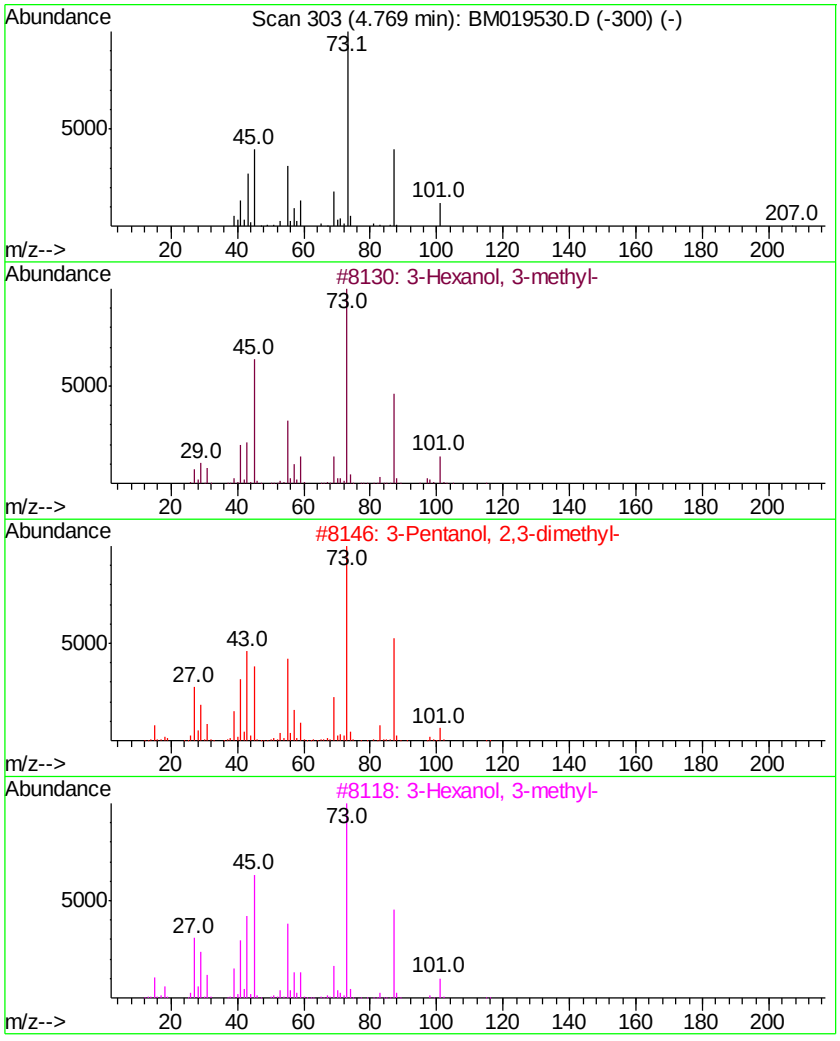
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

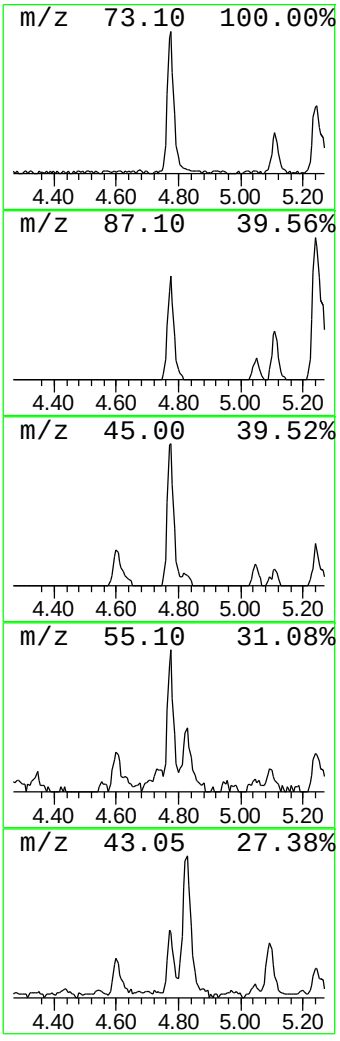
****

Peak Number 6 3-Hexanol, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	2.80 ng/ul	109378	1,4-Dichlorobenzene-d4	7.58

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	78
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	74
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	64
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

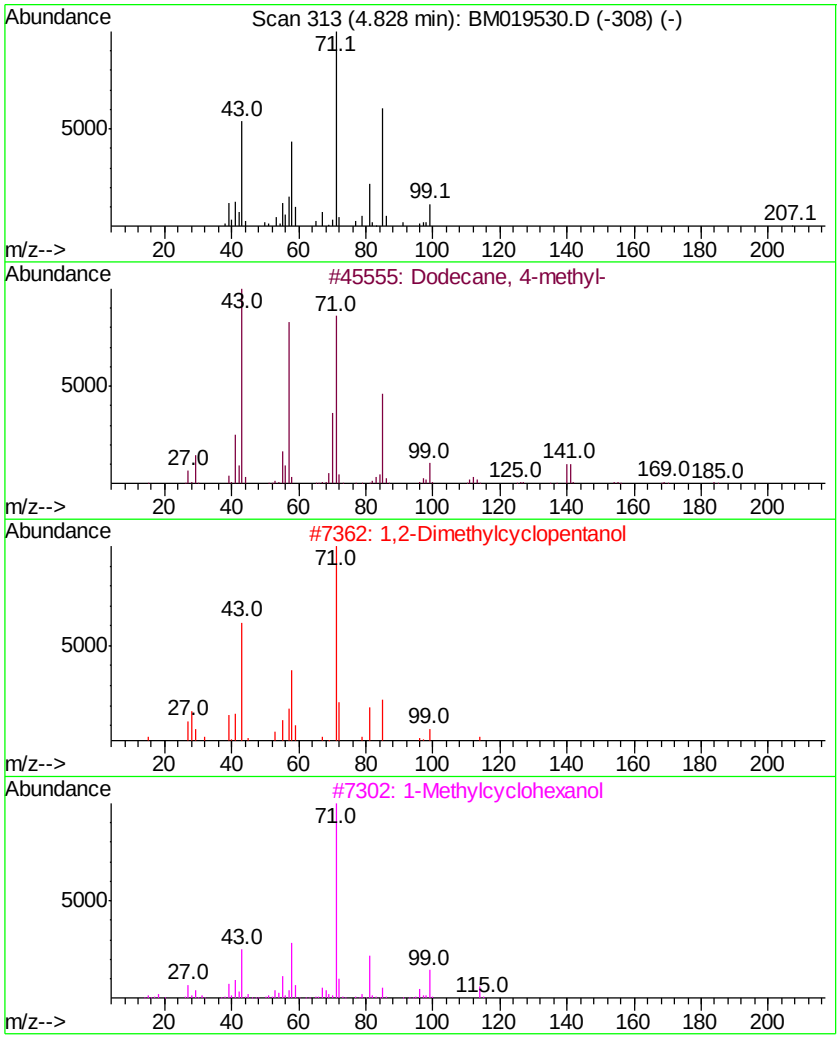
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

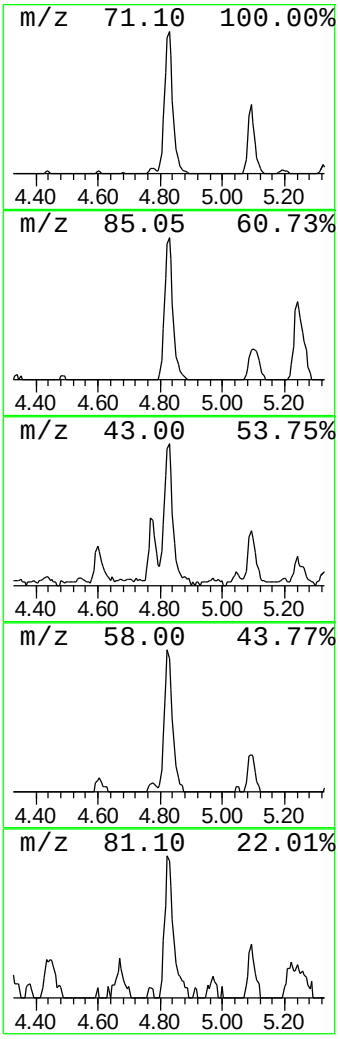
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	5.19 ng/ul	202984	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
2	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	45
3	1-Methylcyclohexanol	114	C7H14O	000590-67-0	42
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38





Library Search Compound Report

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Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

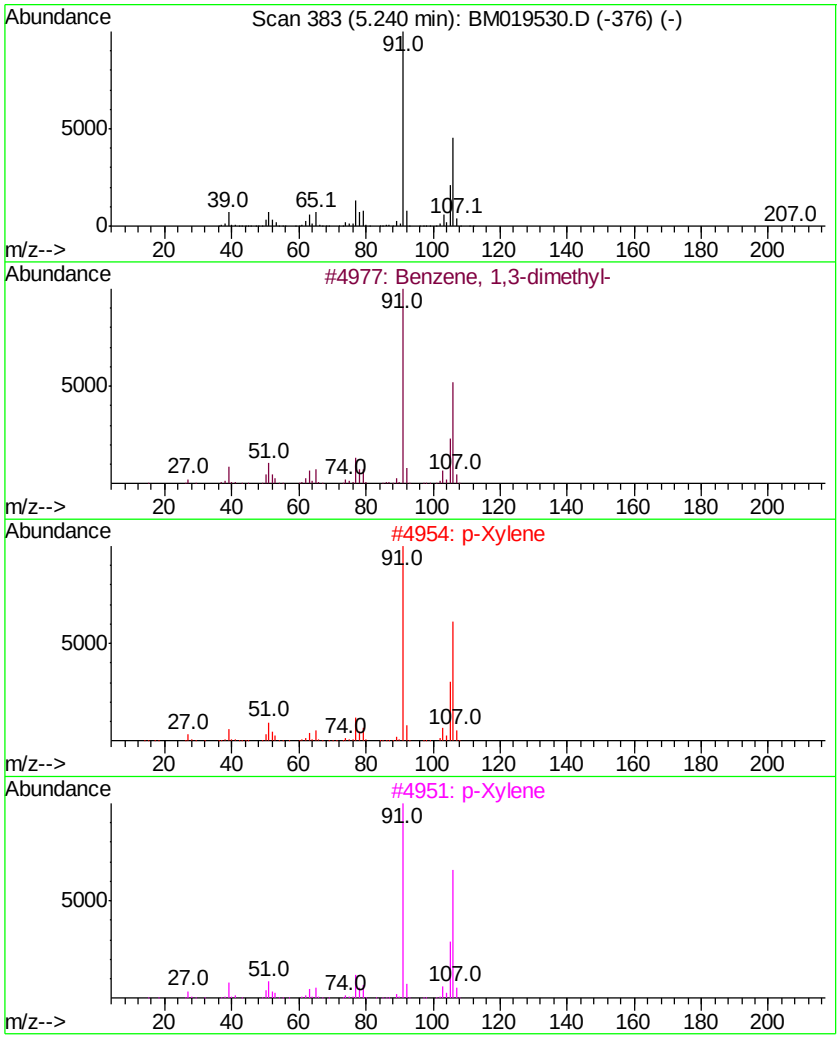
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

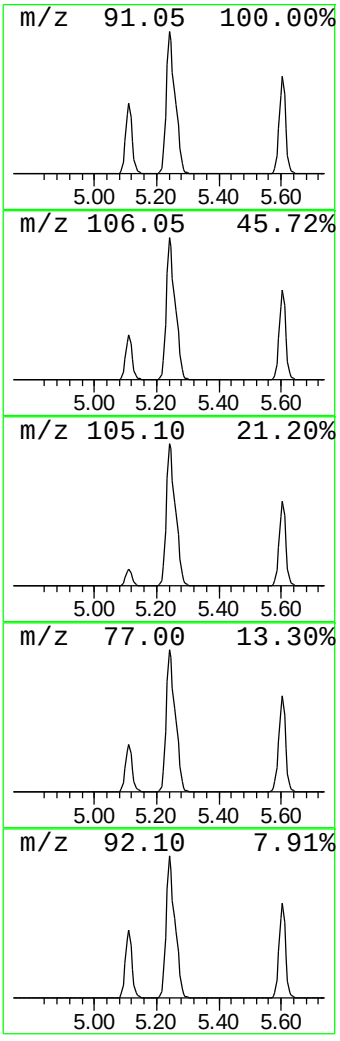
****

Peak Number 9 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	440.05 ng/ul	17216600	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





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Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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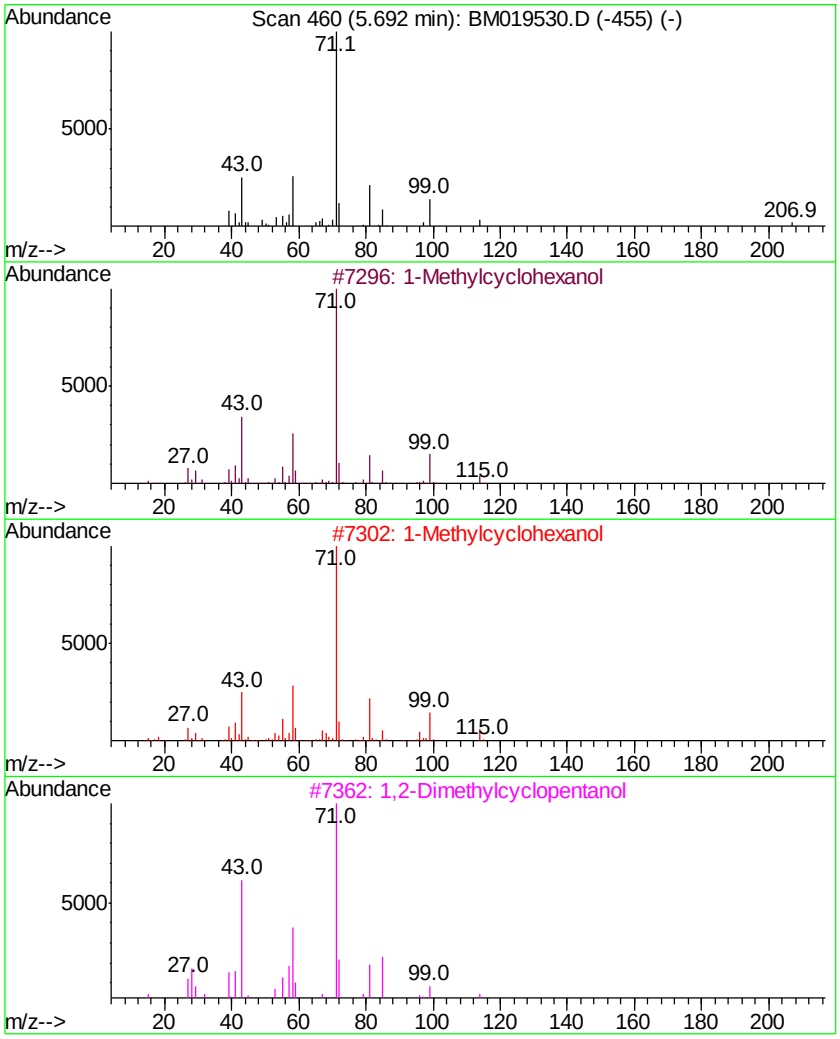
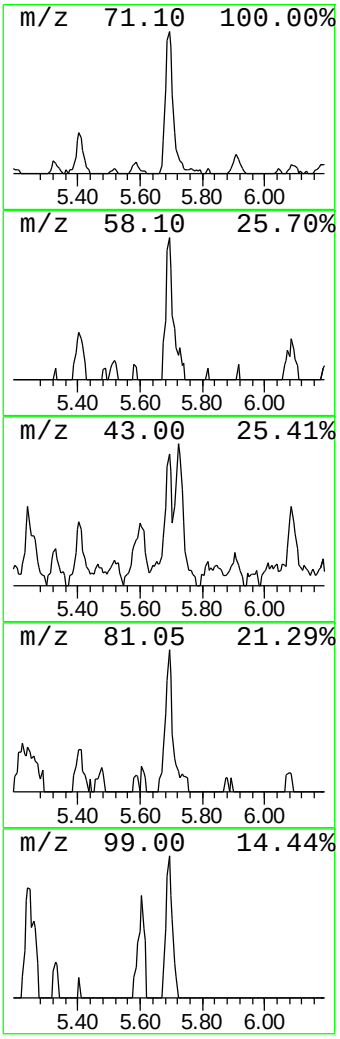
Peak Number 11 1-Methylcyclohexanol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	2.19 ng/ul	85756	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	87
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	86
3	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	64
4	6-Bromohexanoic acid, 2-tetrahyd...	278	C11H19BrO3	1000282-30-9	42
5	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	38





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Instrument : BNA_M
ClientSampleId : DB6R9DL

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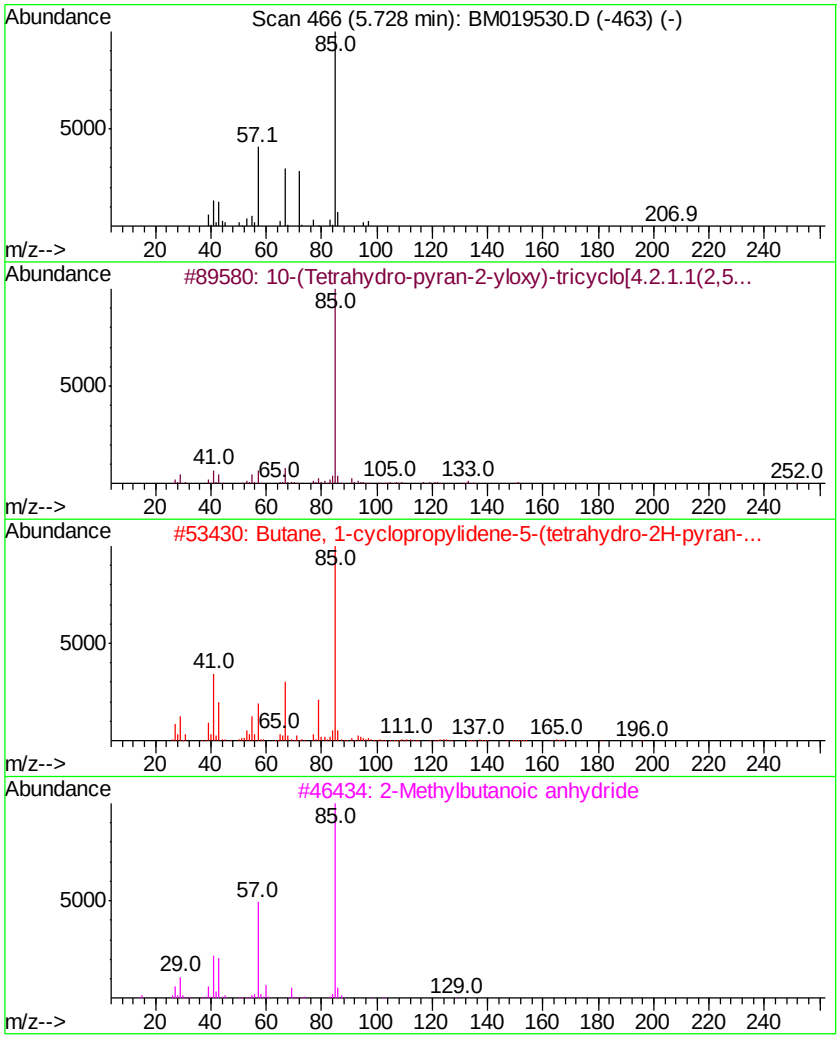
Quant Title : SVOA CALIBRATION

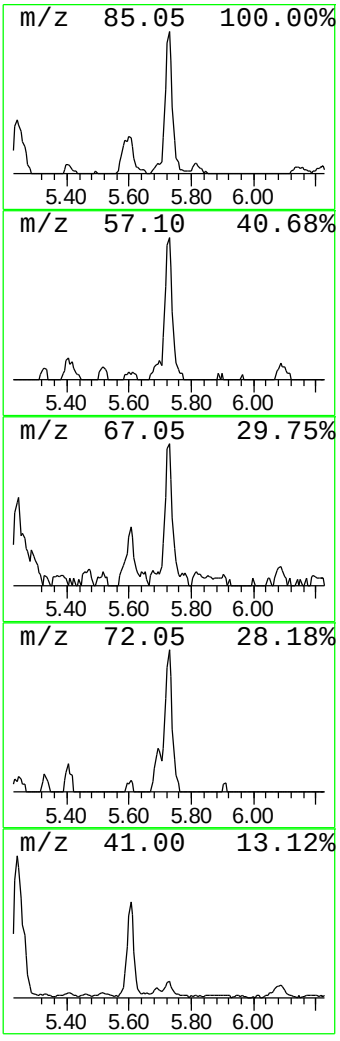
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 10-(Tetrahydro-pyran-2-ylox... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	2.34 ng/ul	91464	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	59
2	Butane, 1-cyclopropylidene-5-(te...	196	C12H20O2	1000156-24-7	39
3	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	38
4	2,3-Dimethyl-undec-1-en-3-ol	198	C13H26O	1000192-40-0	36
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





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Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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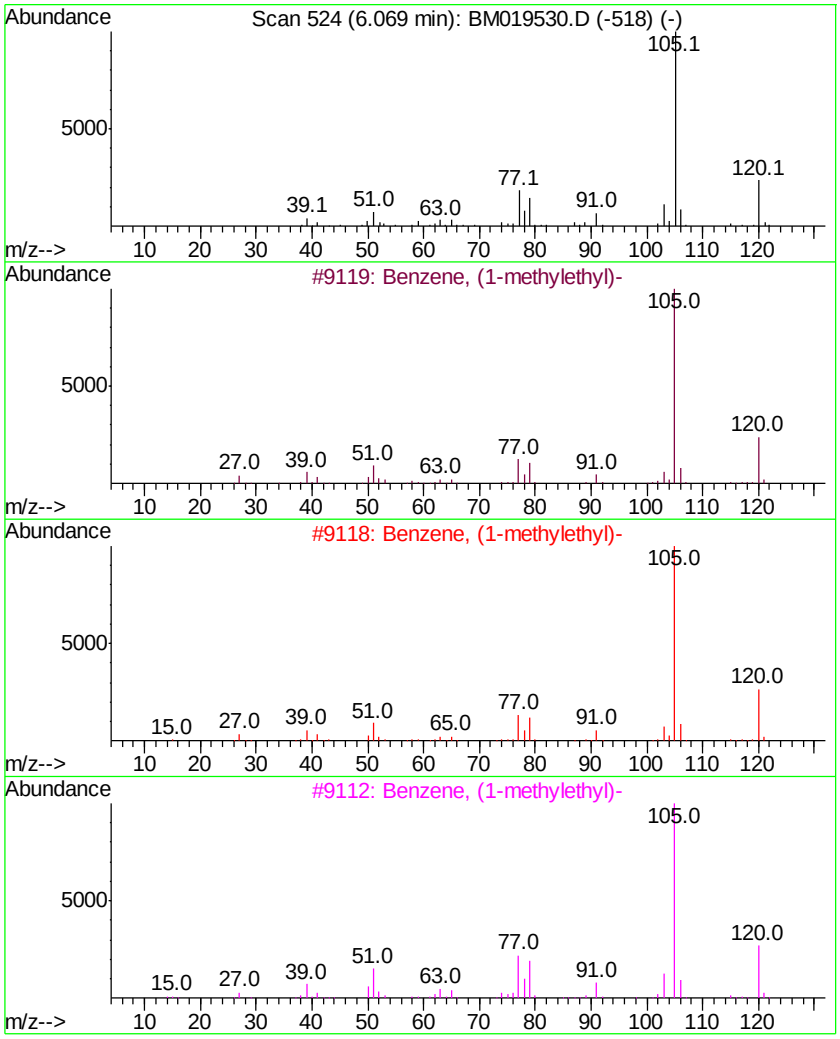
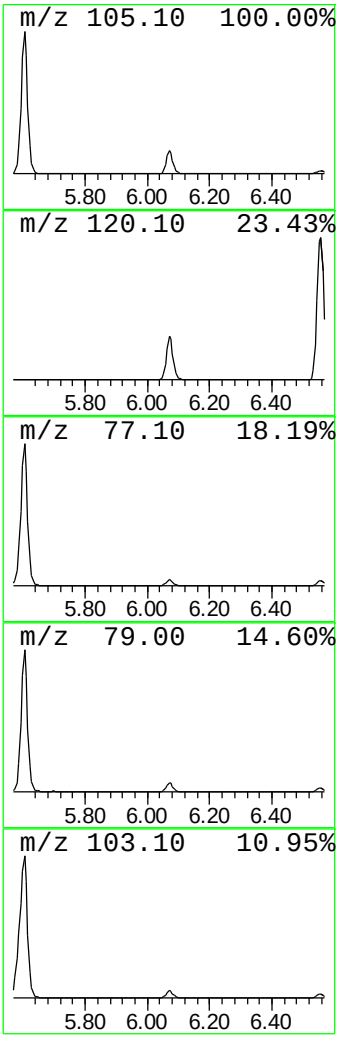
Peak Number 13 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	7.64 ng/ul	298822	1,4-Dichlorobenzene-d4	7.58

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-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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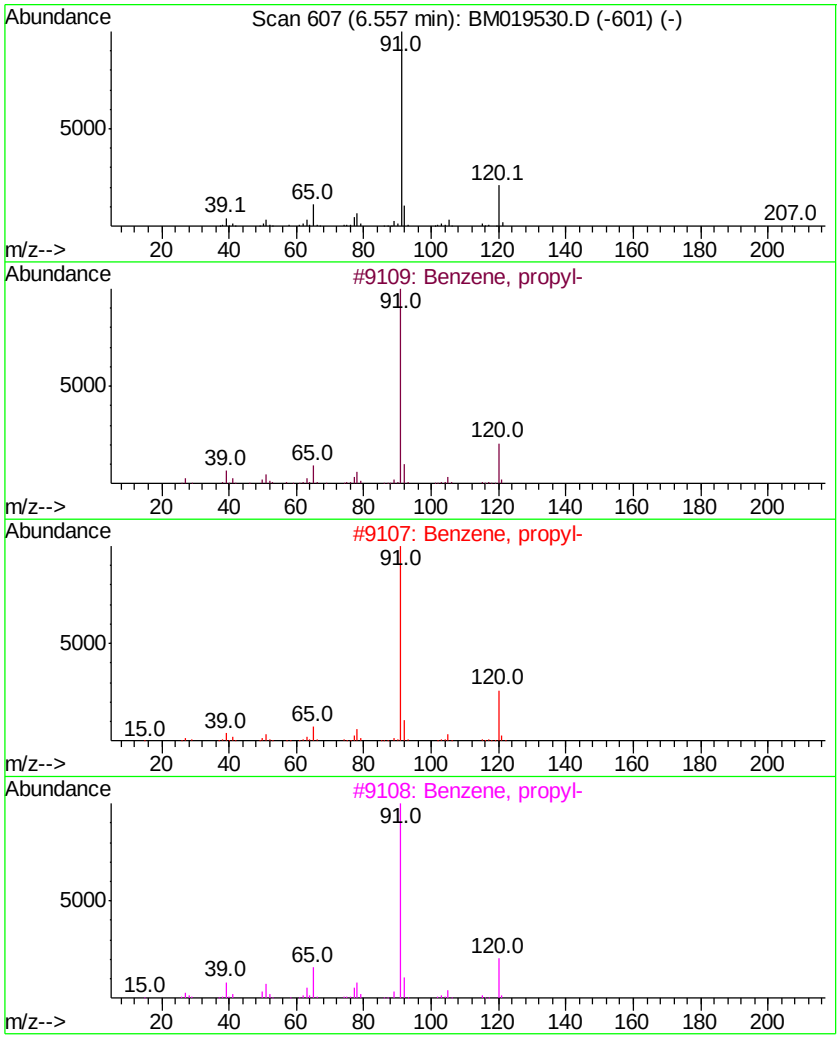
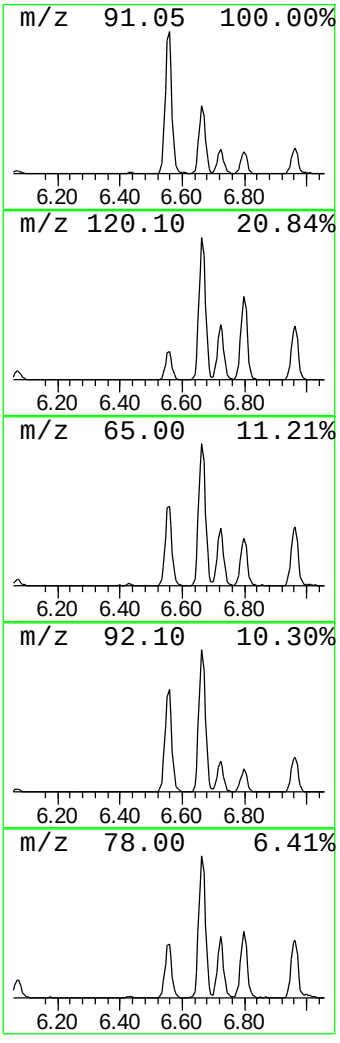
Peak Number 14 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	17.85 ng/ul	698408	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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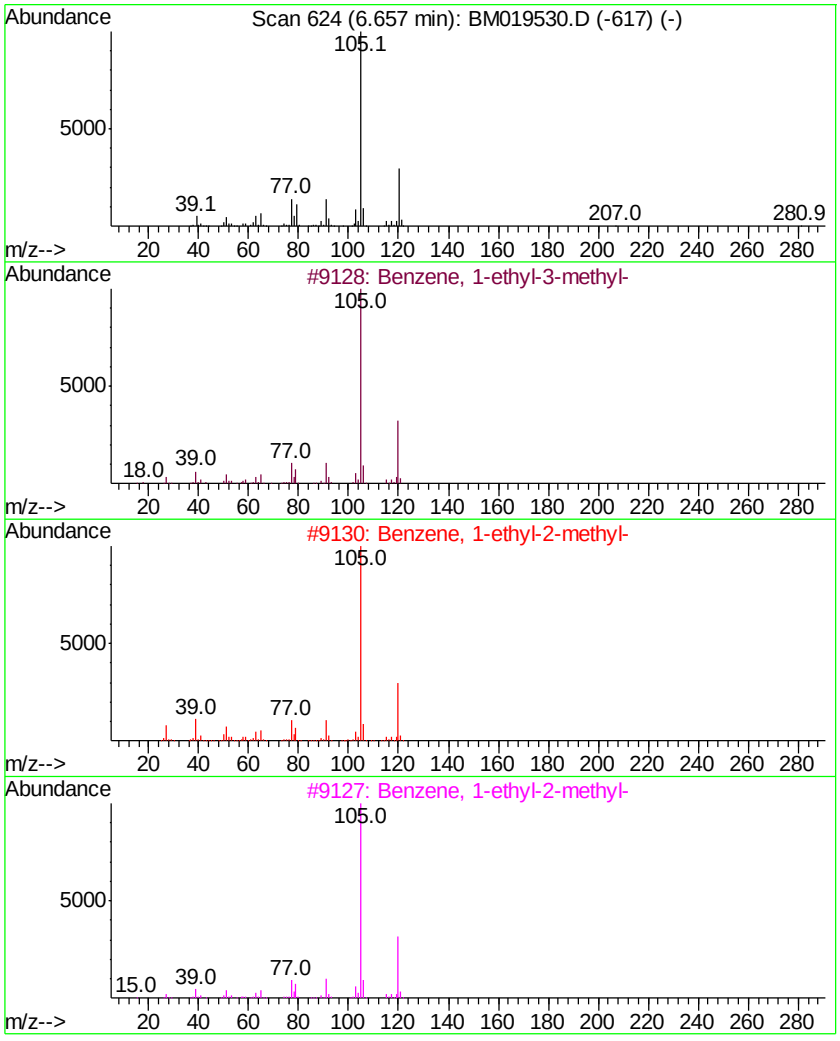
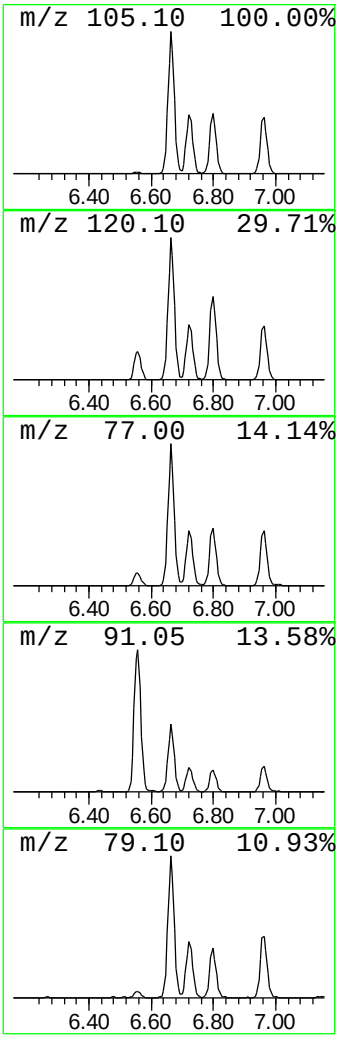
Peak Number 15 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	78.55 ng/ul	3073210	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

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Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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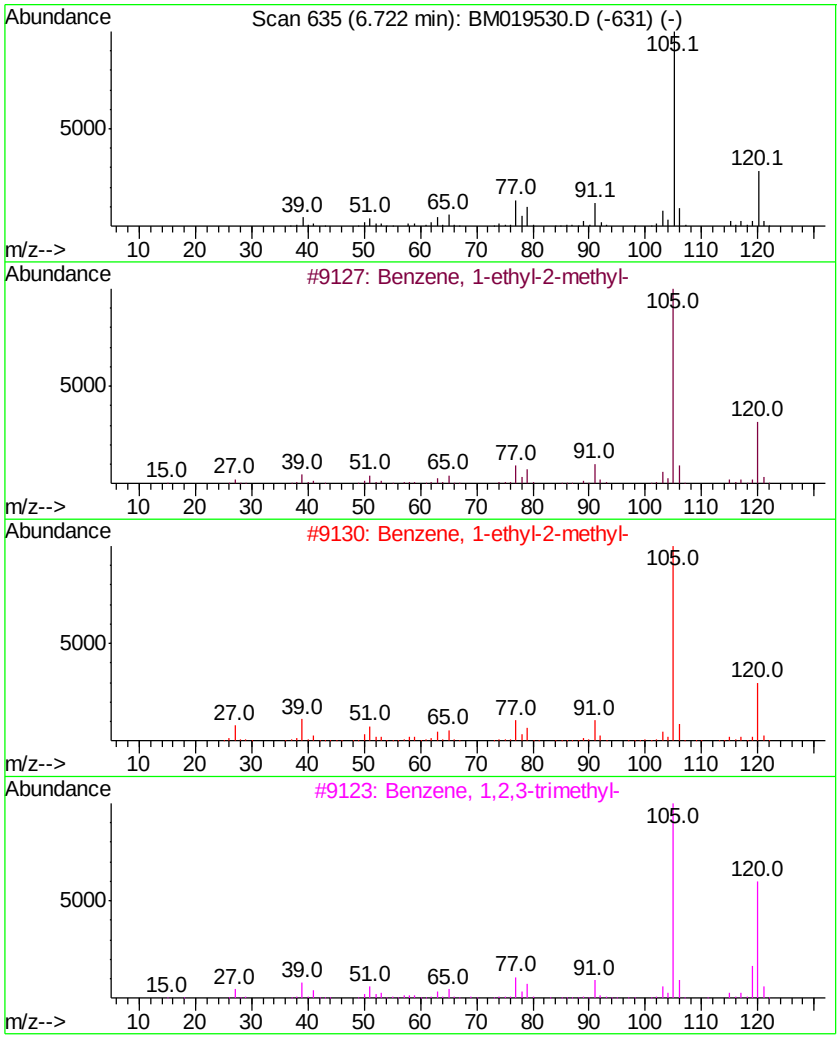
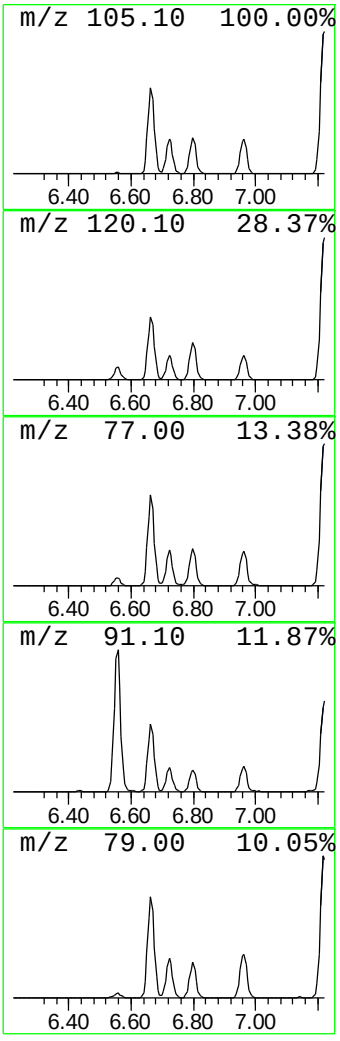
Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	31.18 ng/ul	1219750	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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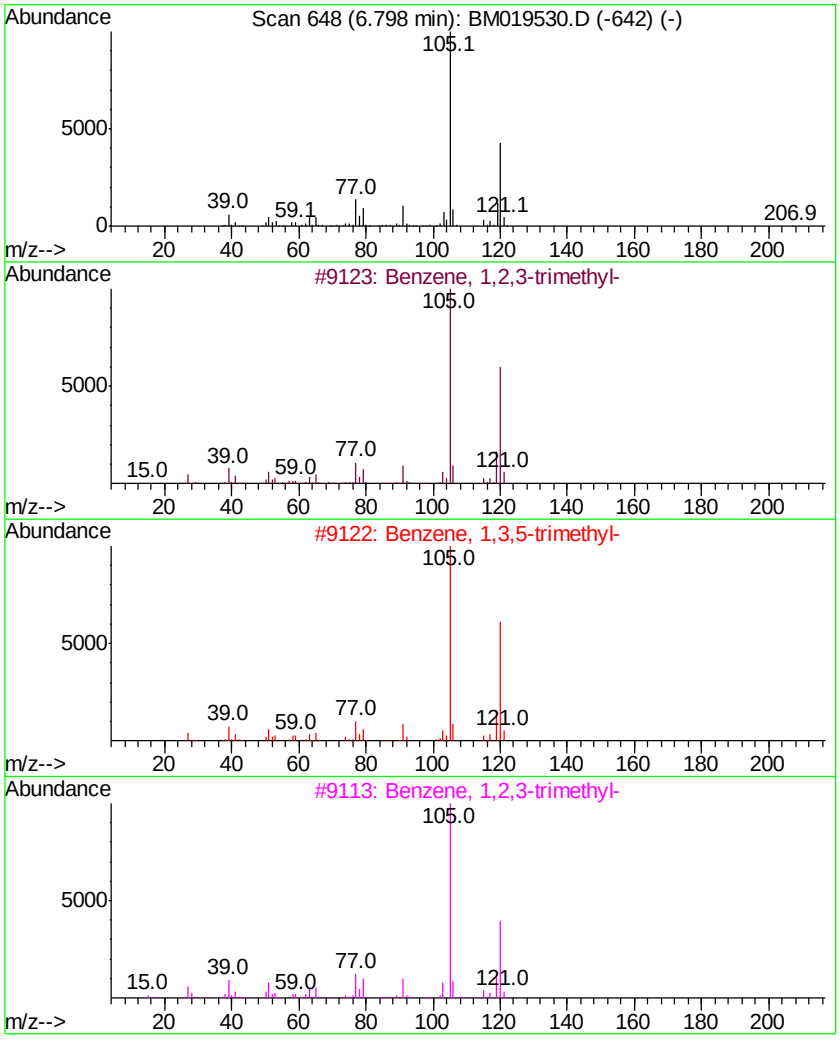
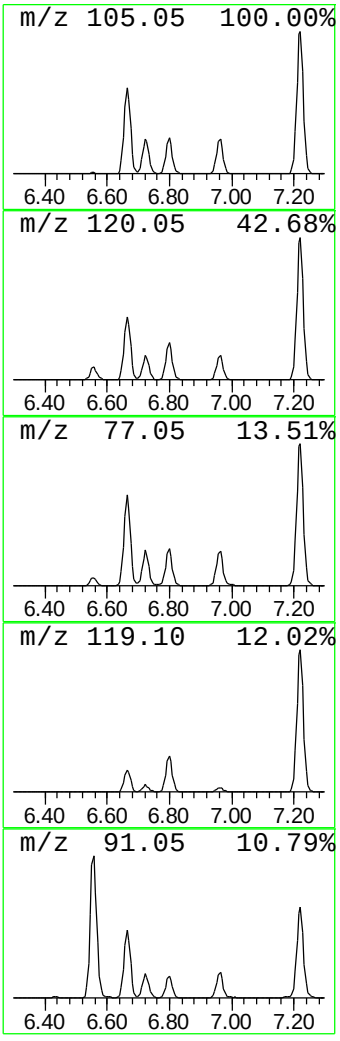
Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	36.32 ng/ul	1420950	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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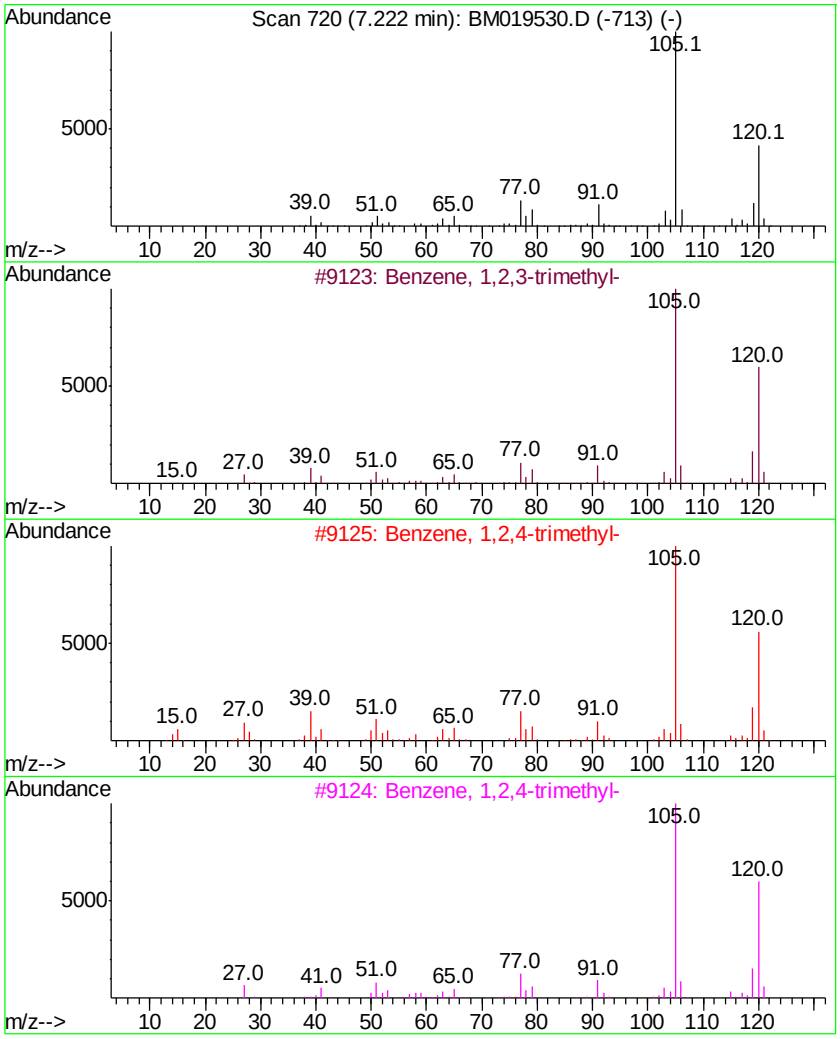
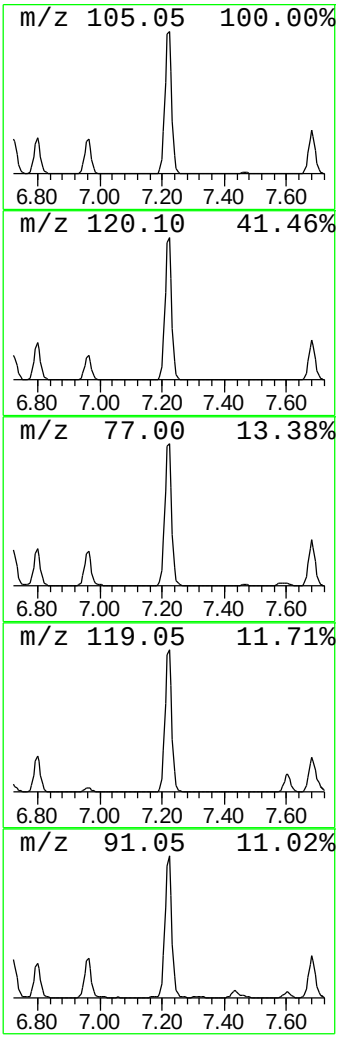
Peak Number 18 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	147.61 ng/ul	5775150	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Misc :
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Quant Title : SVOA CALIBRATION

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

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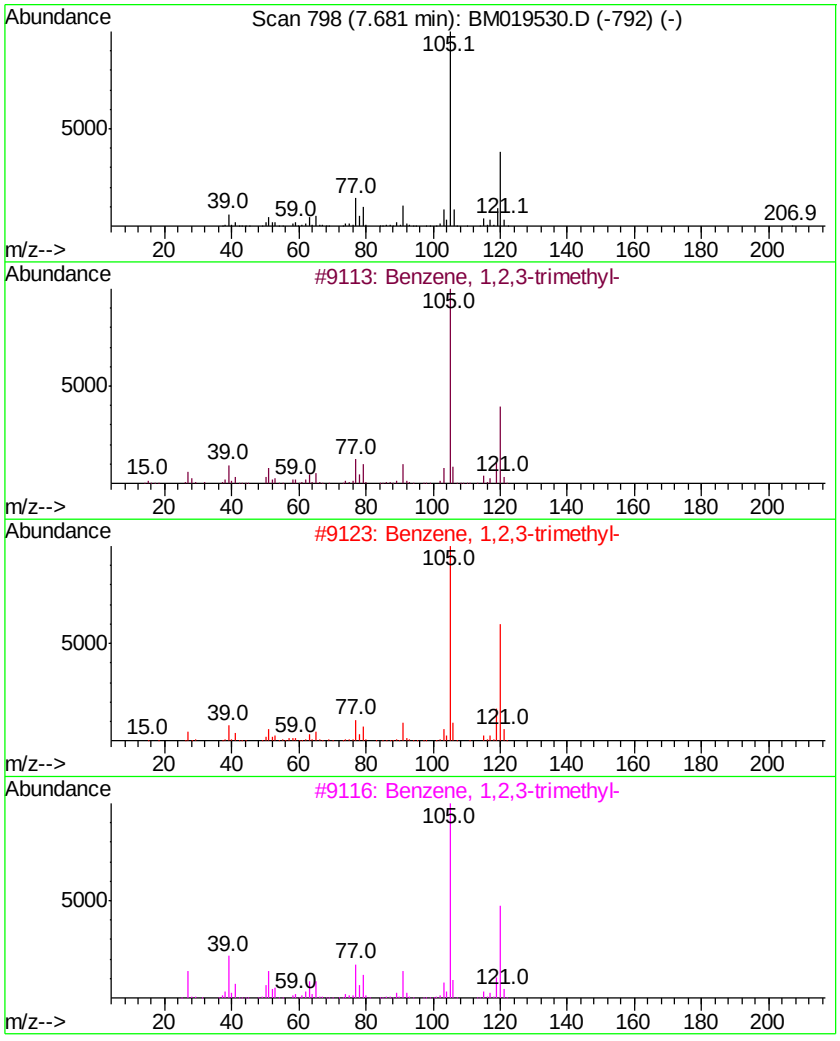
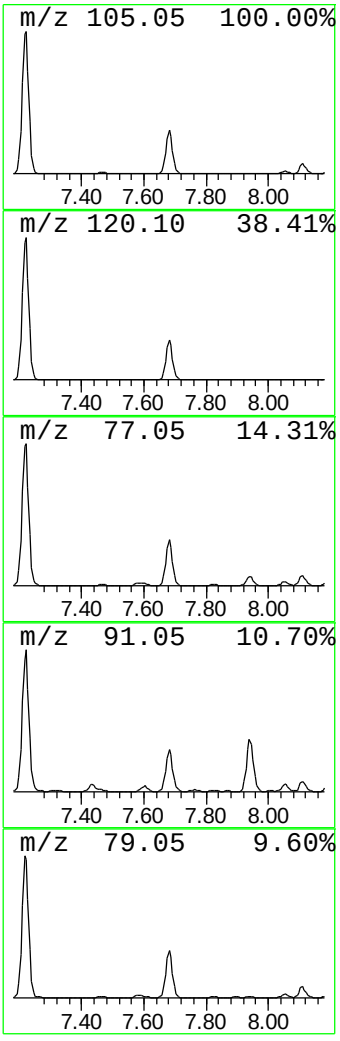
Peak Number 19 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	44.22 ng/ul	1730070	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : DB6R9DL

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Quant Title : SVOA CALIBRATION

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

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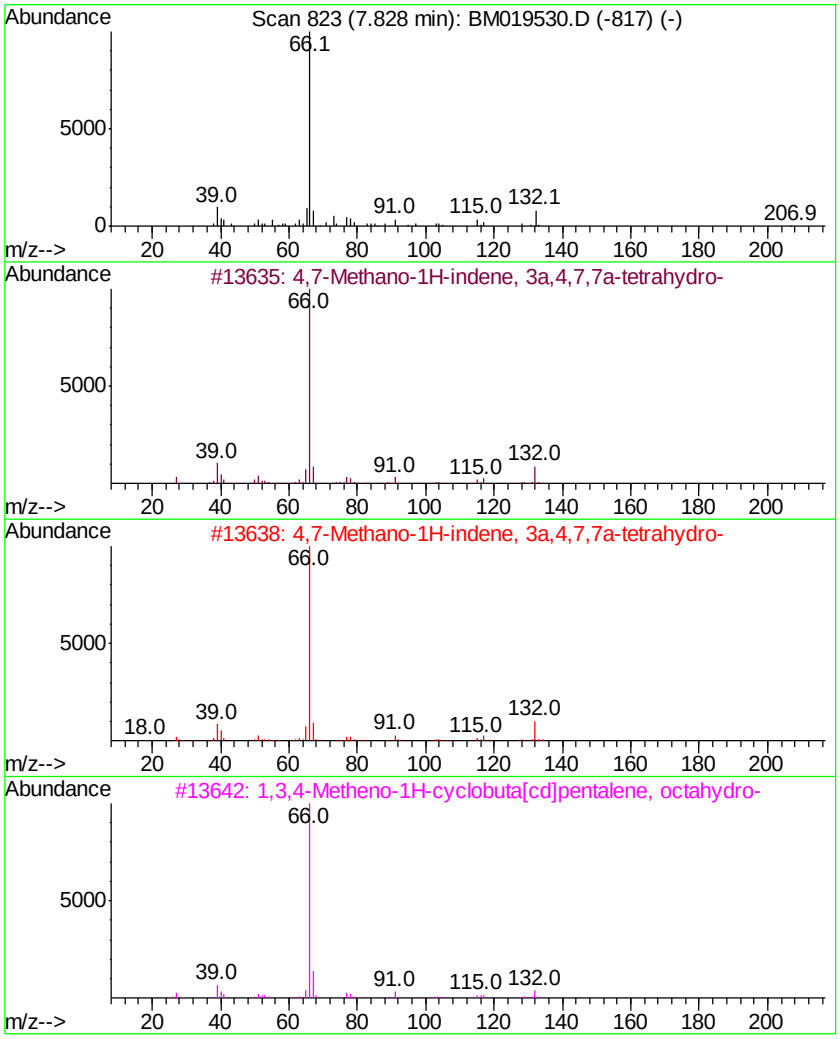
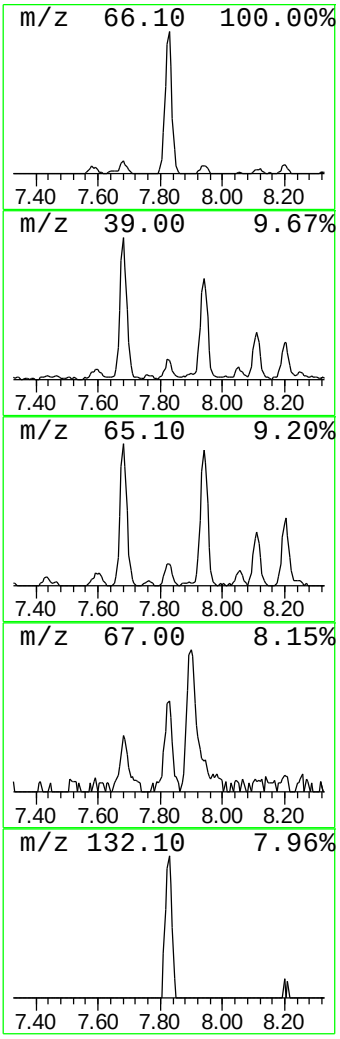
Peak Number 20 4,7-Methano-1H-indene, 3a,4... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.10 ng/ul	121378	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
2	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	90
3	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	90
4	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	83
5	1,2,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-86-4	83





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Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

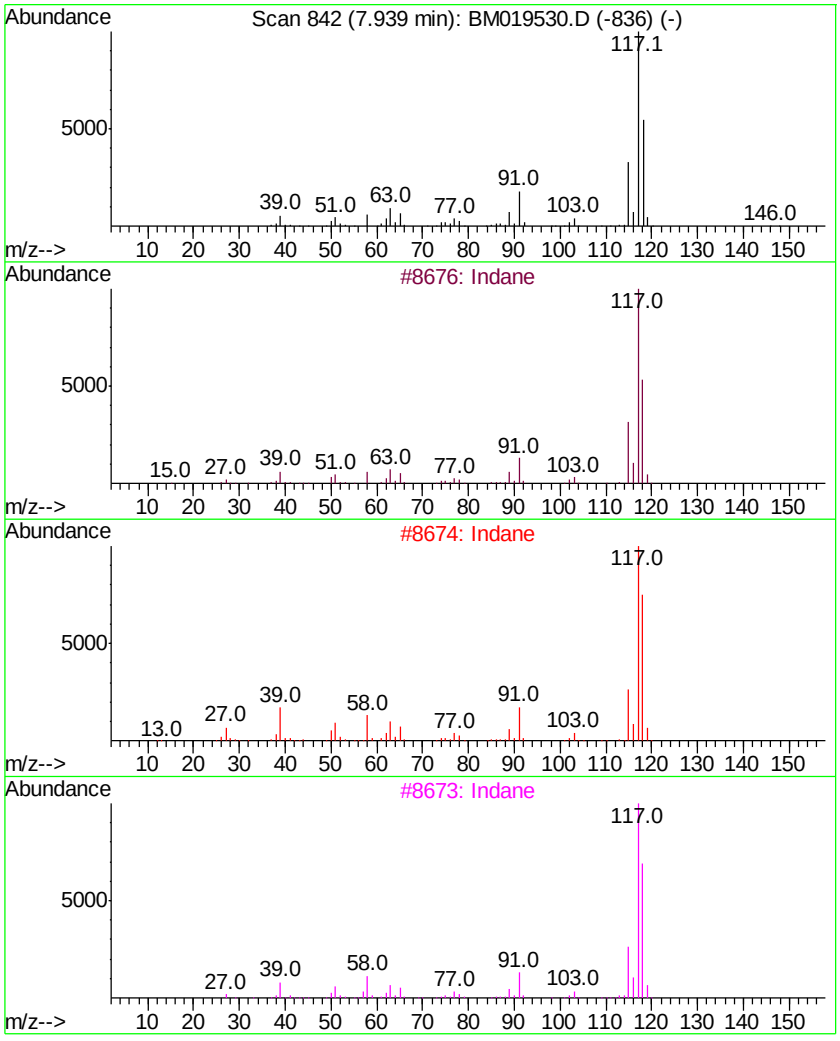
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

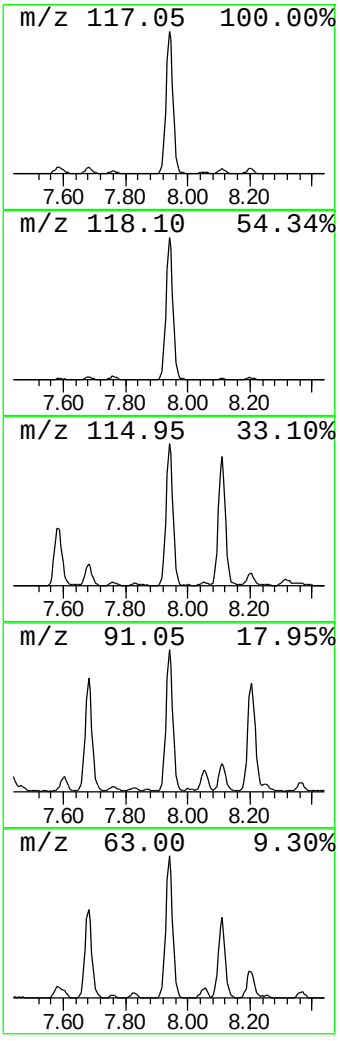
****

Peak Number 21 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	37.61 ng/ul	1471430	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Deltacyclene	118	C9H10	007785-10-6	68





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Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

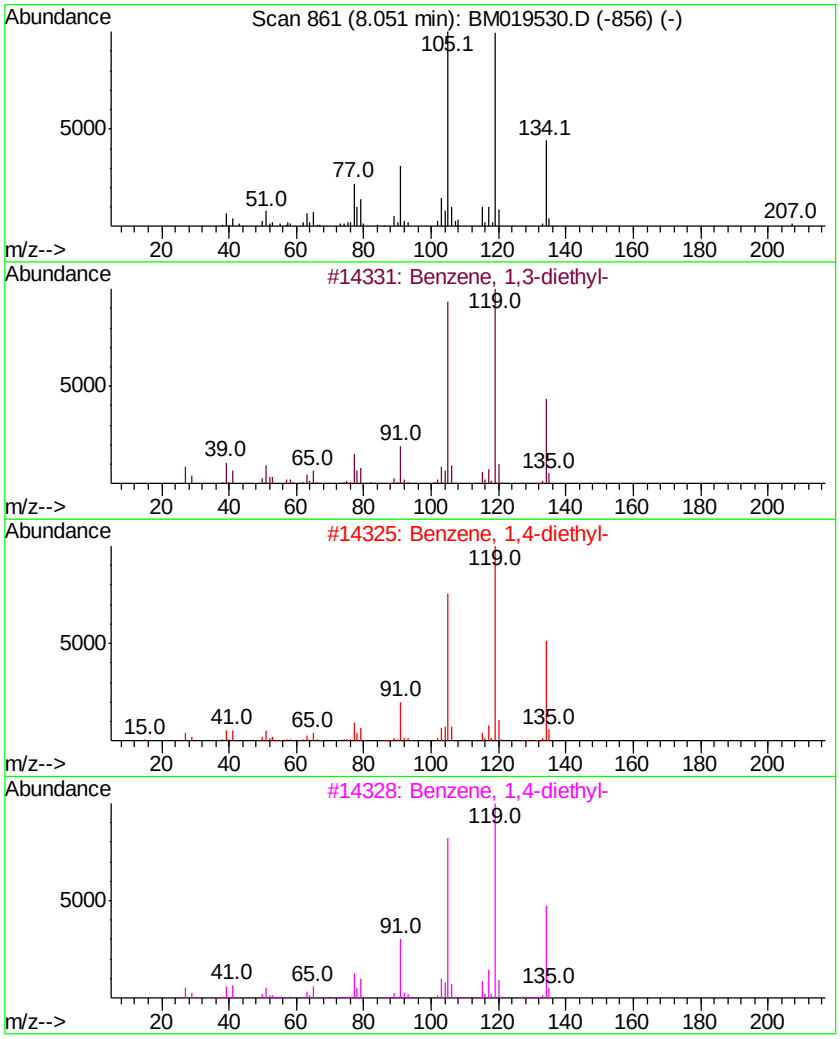
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

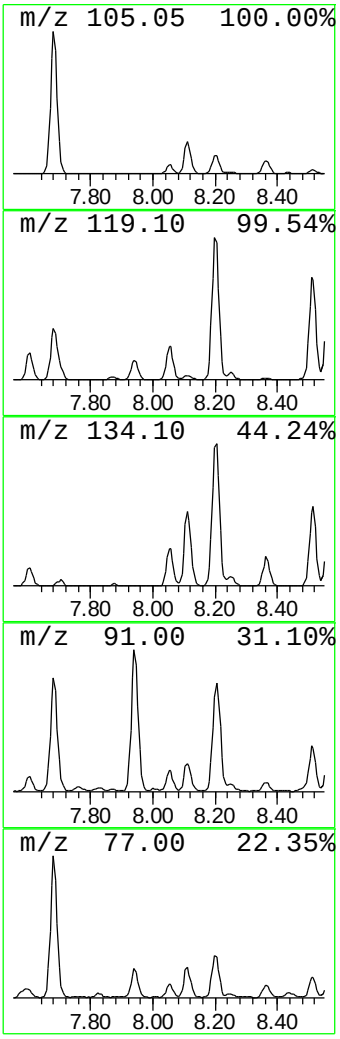
****

Peak Number 22 Benzene, 1,3-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	4.97 ng/ul	194427	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





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Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

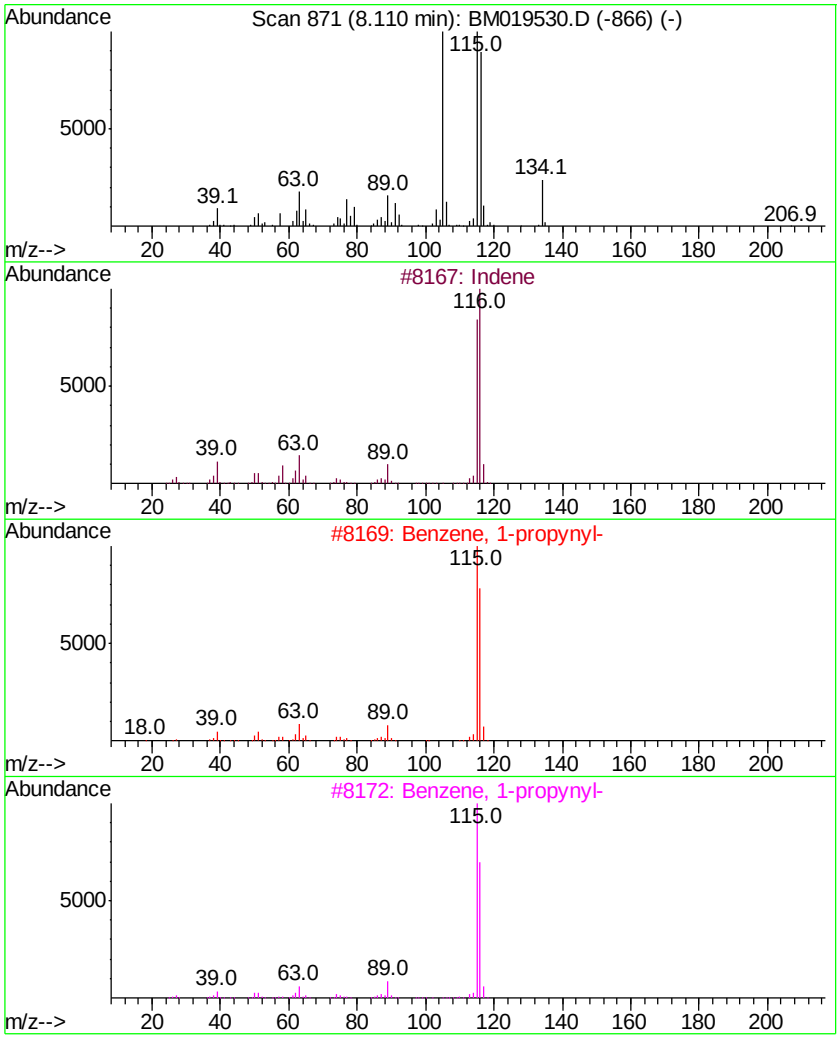
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

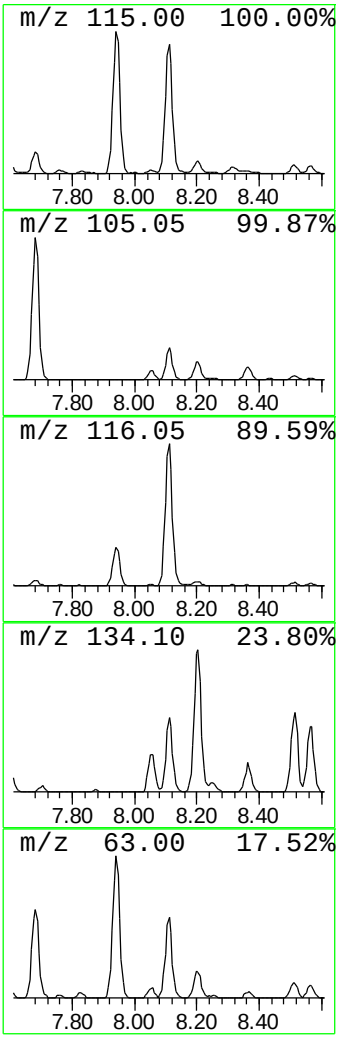
****

Peak Number 23 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	19.81 ng/ul	774920	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	76
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	70





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Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

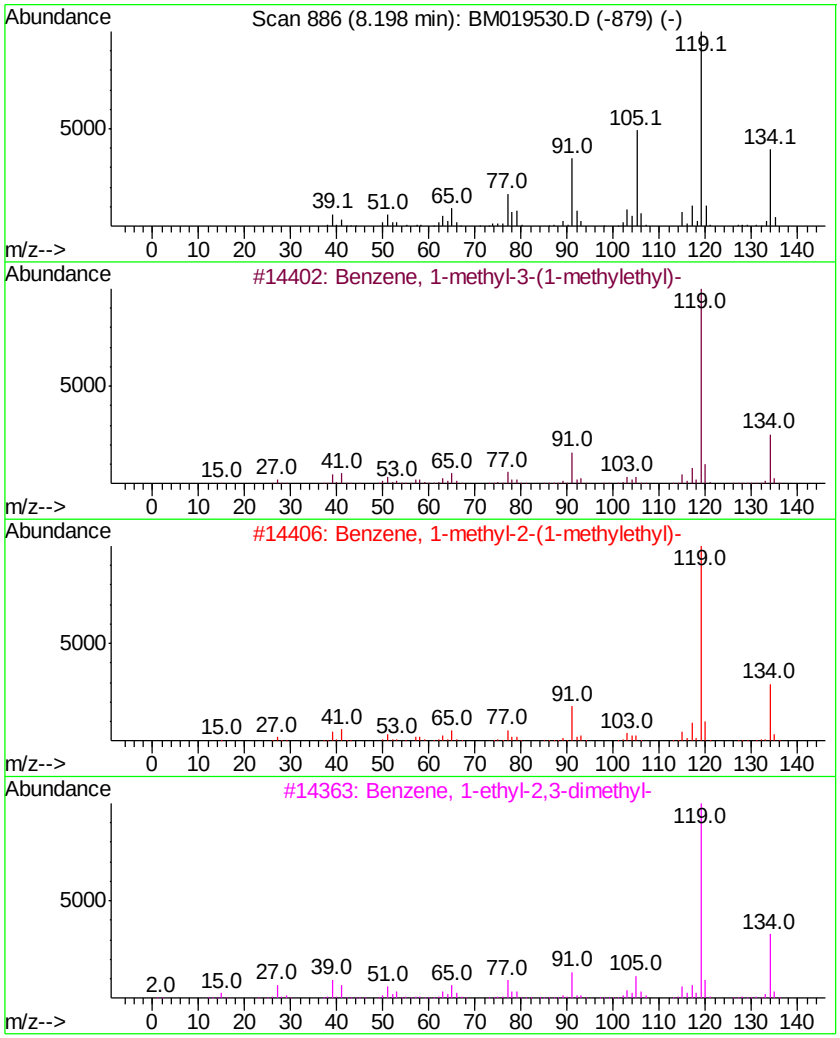
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

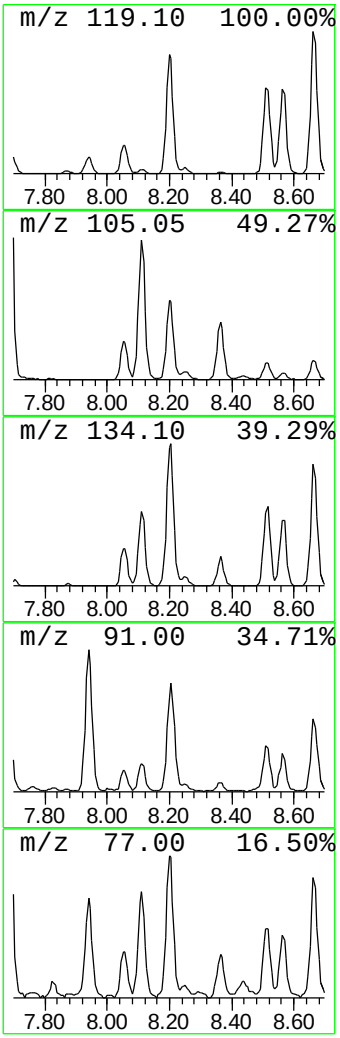
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	17.44 ng/ul	682447	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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

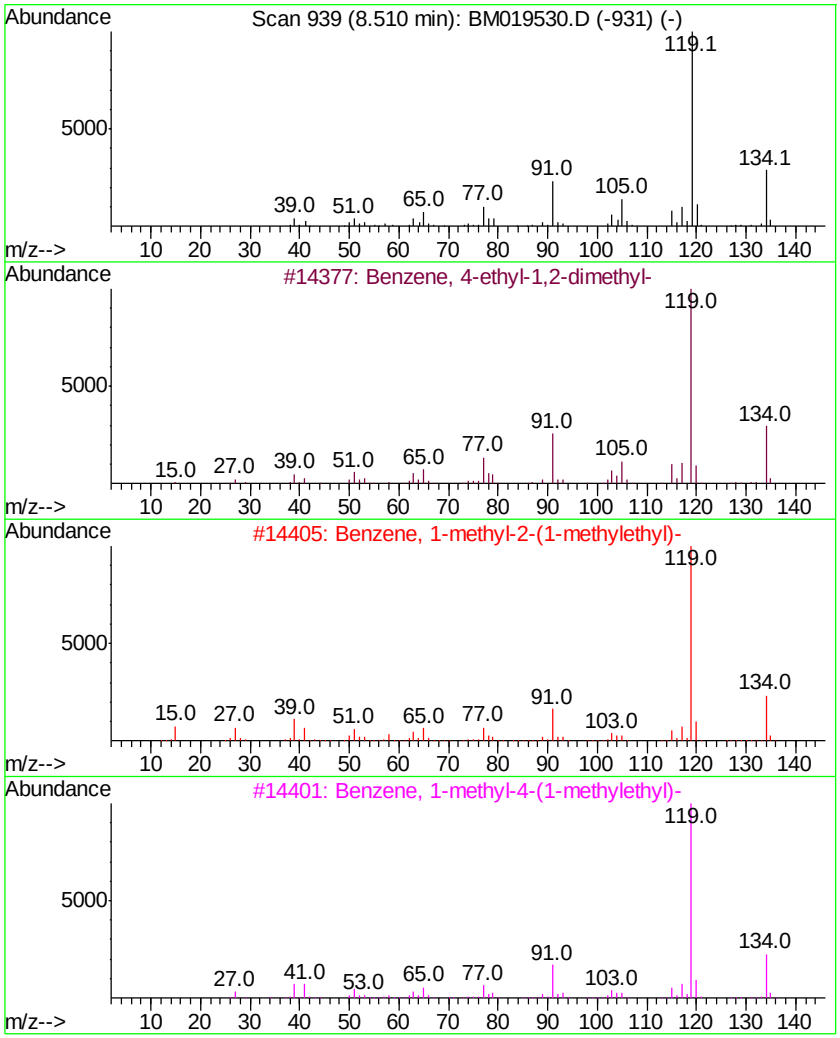
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

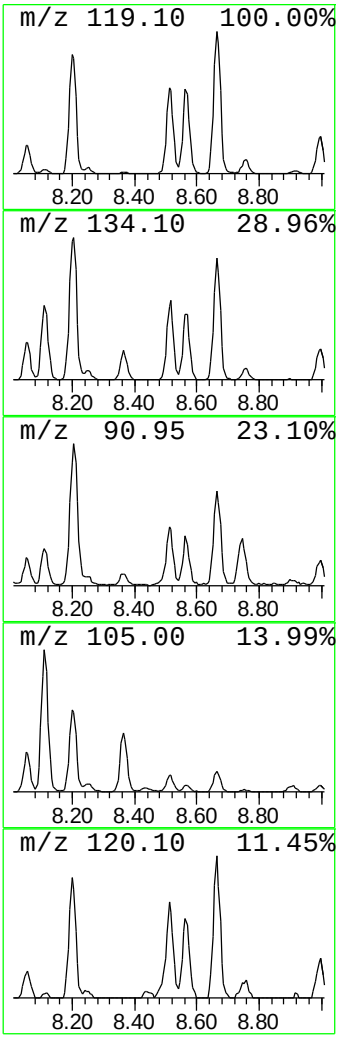
****

Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	9.16 ng/ul	358539	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Library Search Compound Report

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Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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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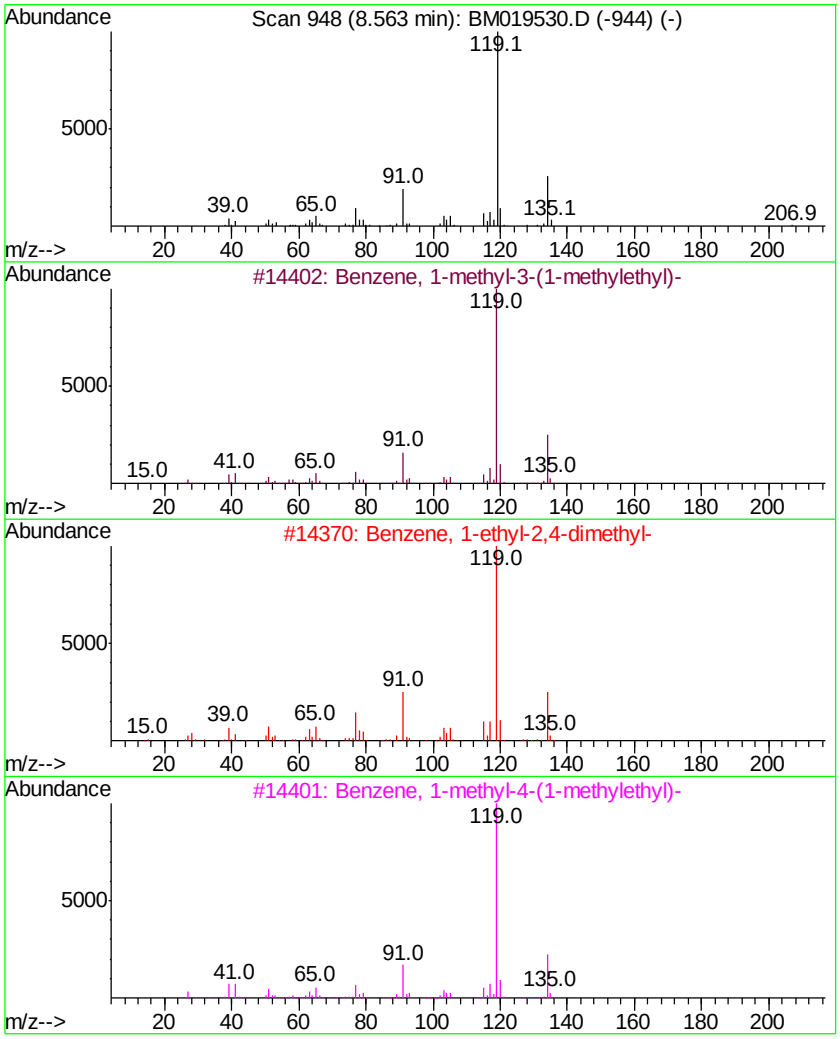
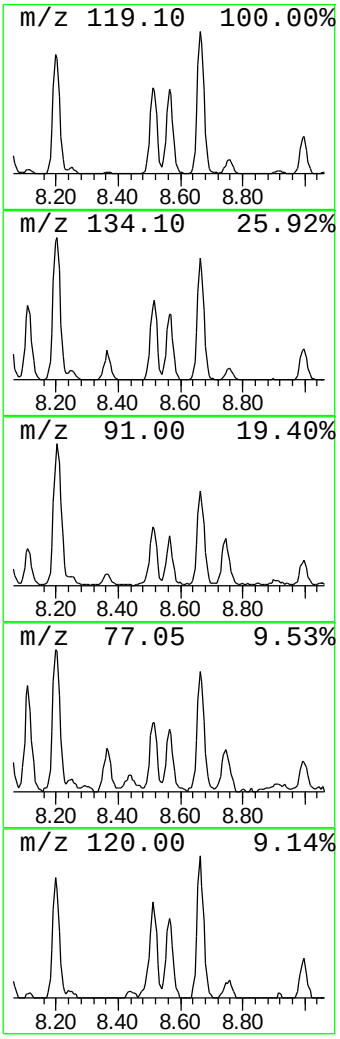
Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	6.60 ng/ul	258332	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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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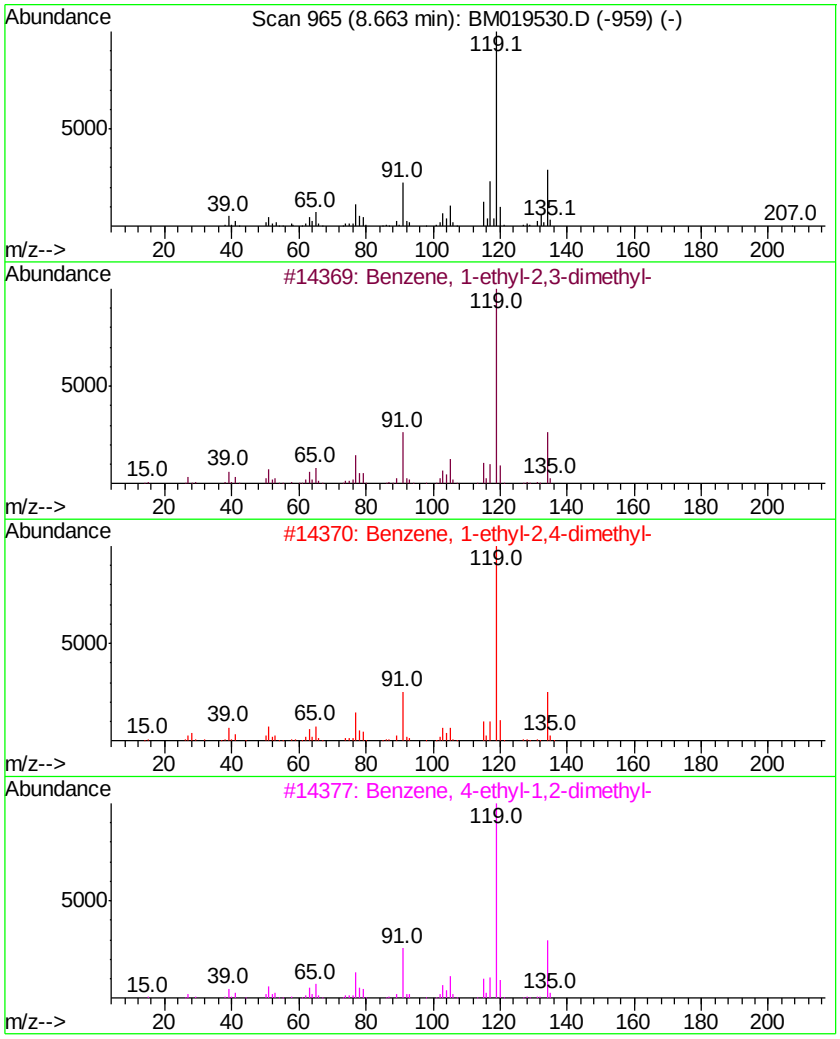
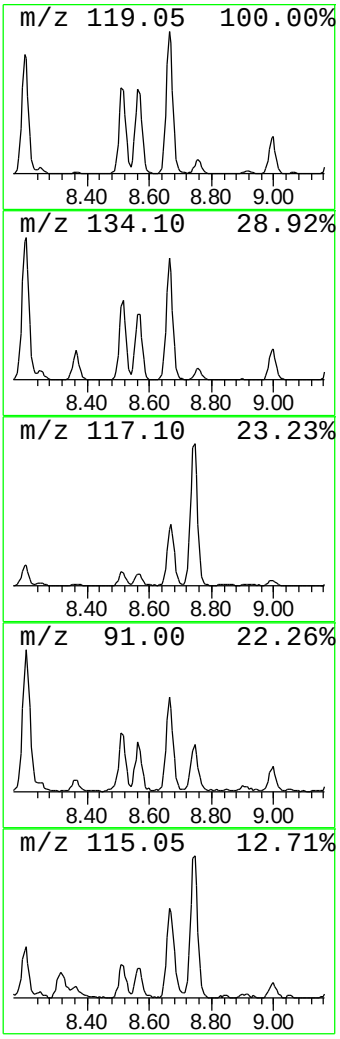
Peak Number 27 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	16.41 ng/ul	641993	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87





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Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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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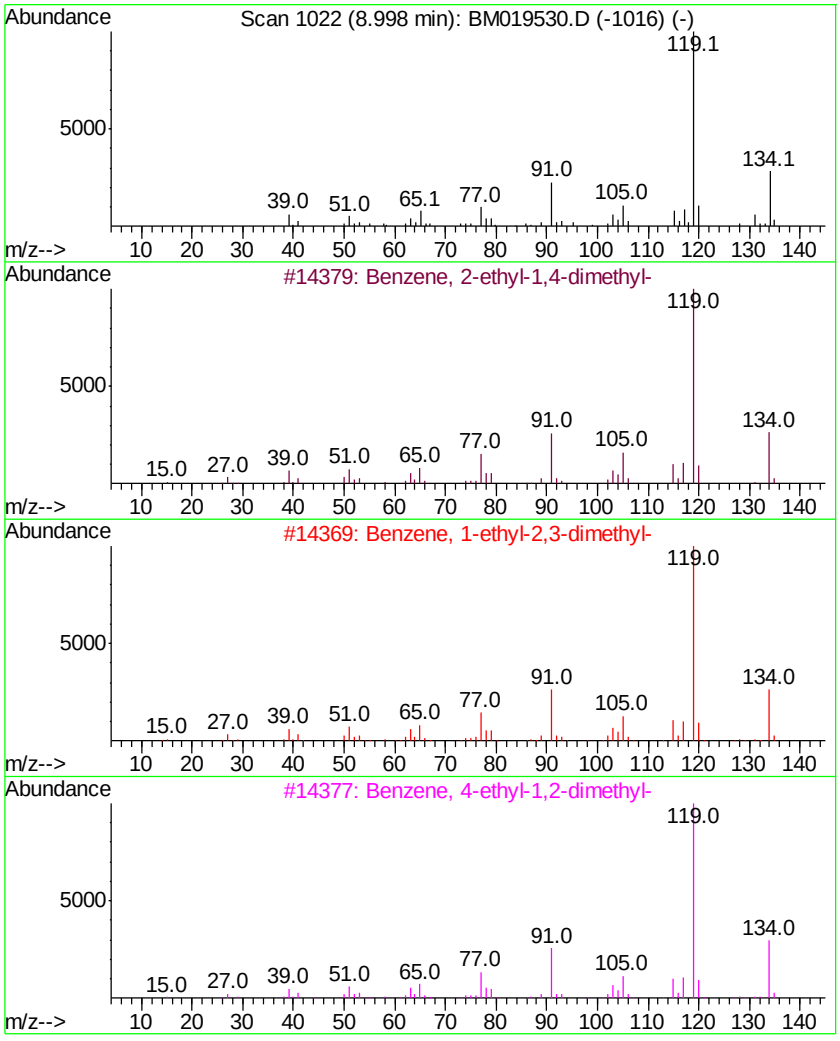
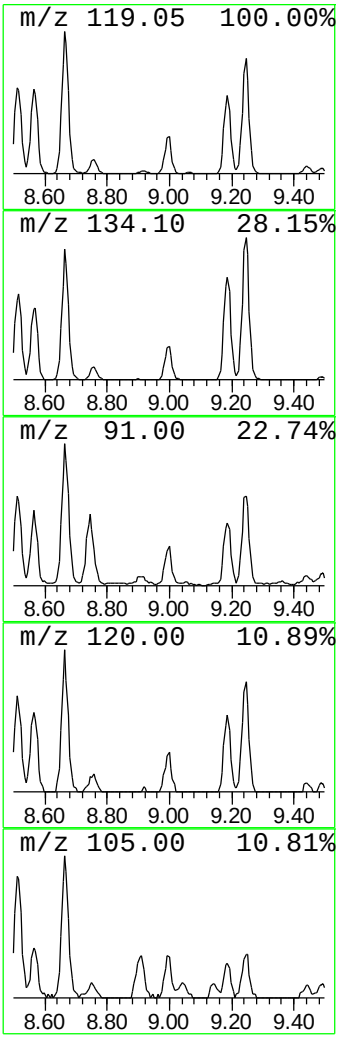
Peak Number 28 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	2.56 ng/ul	151973	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Library Search Compound Report

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Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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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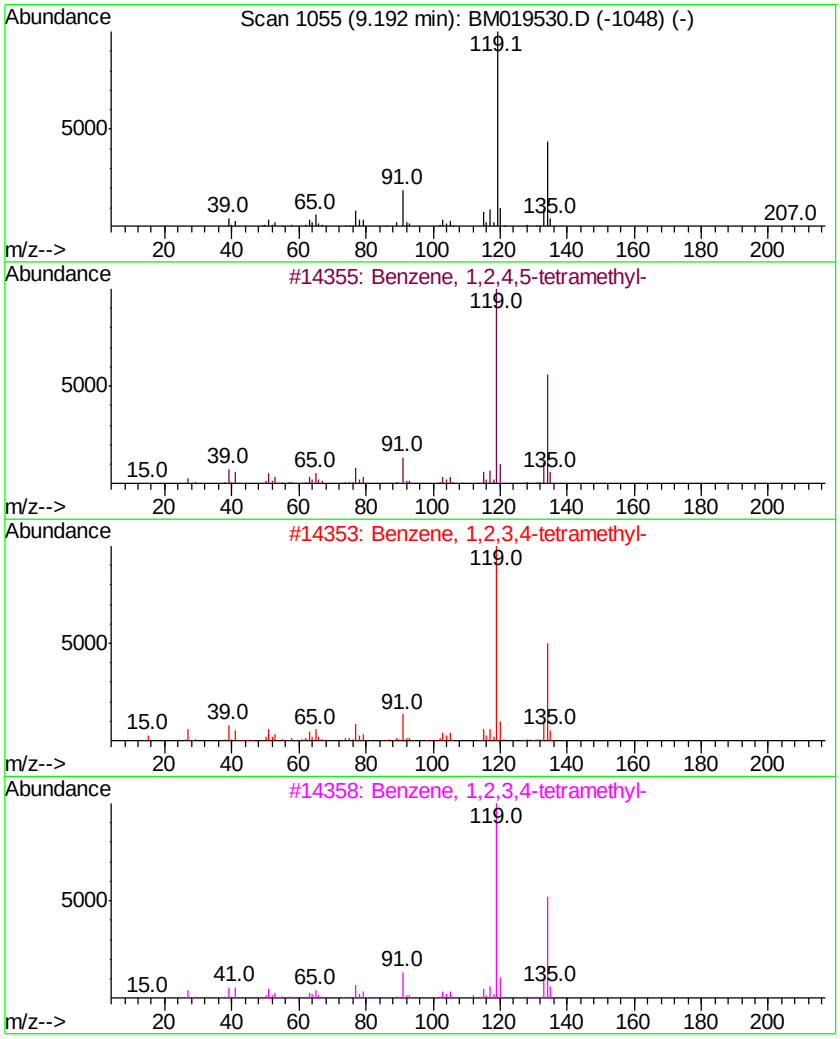
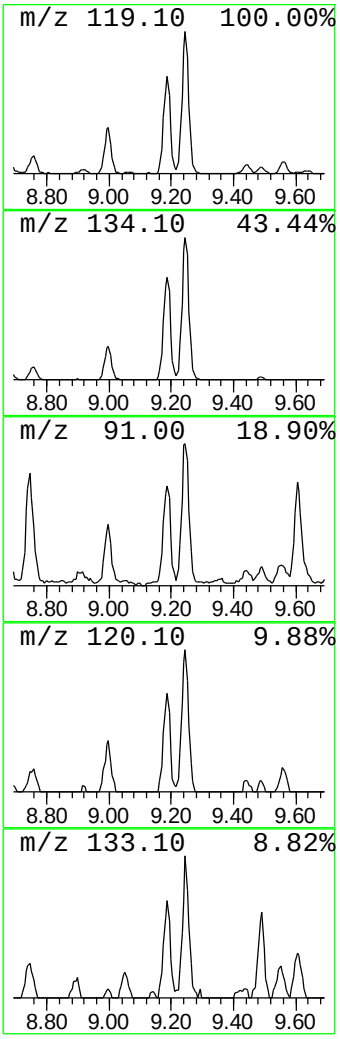
Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	5.06 ng/ul	300102	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95





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Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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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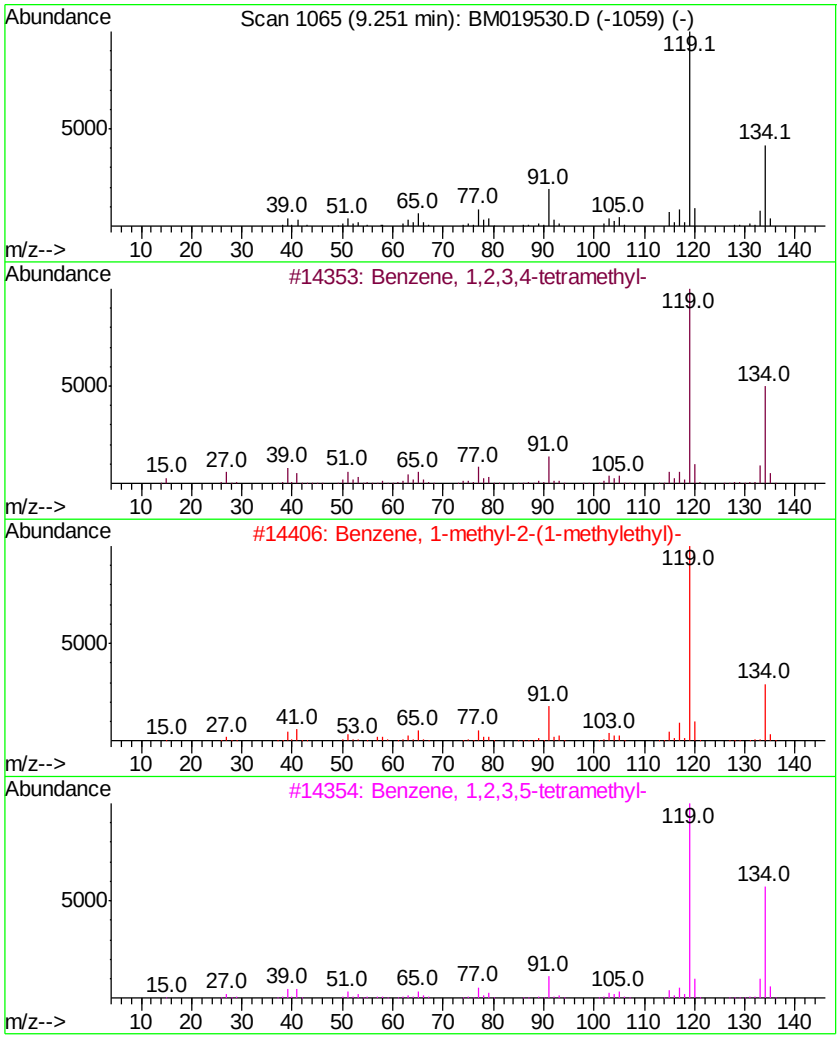
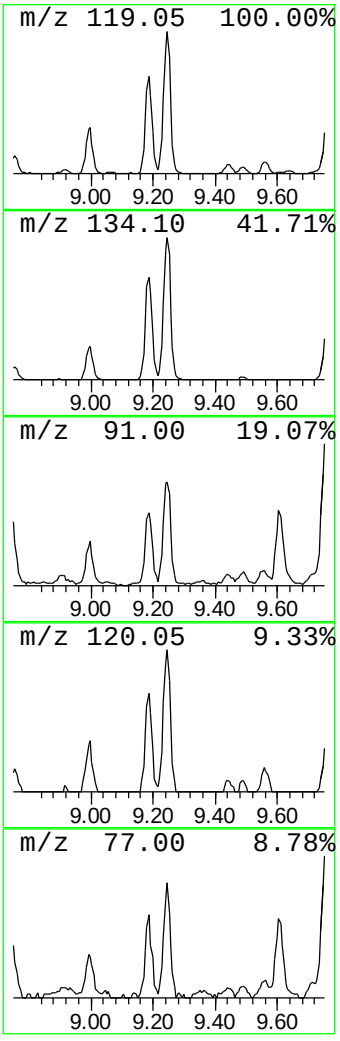
Peak Number 30 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	7.44 ng/ul	441480	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Tentatively Identified Compound (LSC) summary

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Data File : BM019530.D
Acq On : 28 Mar 2019 06:32
Operator : JU/SJ
Sample : K2063-09DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R9DL

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-Pentanol, 2-met...	3.37	5.3	ng/ul	206131	1	7.58	782493	20.0
3-Pentanol, 3-met...	3.63	4.4	ng/ul	170734	1	7.58	782493	20.0
Cyclopentanol, 1-...	4.12	5.3	ng/ul	206434	1	7.58	782493	20.0
2-Hexanol, 2-methyl-	4.60	2.6	ng/ul	100657	1	7.58	782493	20.0
3-Hexanol, 3-methyl-	4.77	2.8	ng/ul	109378	1	7.58	782493	20.0
(DEL) Alkane: Str...	4.83	5.2	ng/ul	202984	1	7.58	782493	20.0
Benzene, 1,3-dime...	5.24	440.1	ng/ul	17216600	1	7.58	782493	20.0
1-Methylcyclohexanol	5.69	2.2	ng/ul	85756	1	7.58	782493	20.0
10-(Tetrahydro-py...	5.73	2.3	ng/ul	91464	1	7.58	782493	20.0
Benzene, (1-methy...	6.07	7.6	ng/ul	298822	1	7.58	782493	20.0
Benzene, propyl-	6.56	17.9	ng/ul	698408	1	7.58	782493	20.0
Benzene, 1-ethyl-...	6.66	78.5	ng/ul	3073210	1	7.58	782493	20.0
Benzene, 1-ethyl-...	6.72	31.2	ng/ul	1219750	1	7.58	782493	20.0
Benzene, 1,2,3-tr...	6.80	36.3	ng/ul	1420950	1	7.58	782493	20.0
Benzene, 1,2,4-tr...	7.22	147.6	ng/ul	5775150	1	7.58	782493	20.0
unknown-01	7.68	44.2	ng/ul	1730070	1	7.58	782493	20.0
4,7-Methano-1H-in...	7.83	3.1	ng/ul	121378	1	7.58	782493	20.0
Indane	7.94	37.6	ng/ul	1471430	1	7.58	782493	20.0
Benzene, 1,3-diet...	8.05	5.0	ng/ul	194427	1	7.58	782493	20.0
Indene	8.11	19.8	ng/ul	774920	1	7.58	782493	20.0
Benzene, 1-methyl...	8.20	17.4	ng/ul	682447	1	7.58	782493	20.0
Benzene, 4-ethyl-...	8.51	9.2	ng/ul	358539	1	7.58	782493	20.0
Benzene, 1-ethyl-...	8.56	6.6	ng/ul	258332	1	7.58	782493	20.0
Benzene, 1-ethyl-...	8.66	16.4	ng/ul	641993	1	7.58	782493	20.0
Benzene, 2-ethyl-...	9.00	2.6	ng/ul	151973	2	10.36	1186720	20.0
Benzene, 1,2,4,5-...	9.19	5.1	ng/ul	300102	2	10.36	1186720	20.0
Benzene, 1,2,3,4-...	9.25	7.4	ng/ul	441480	2	10.36	1186720	20.0