LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019497.D
Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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	3.146	25	27	36	rVB	37137	56769	2.88%	0.194%
2	4.551	260	266	272	rVB	38033	59965	3.05%	0.205%
3	4.763	295	302	306	rVV2	160058	239296	12.16%	0.819%
4	4.810	306	310	316	rVB	90464	131964	6.71%	0.452%
5	5.045	346	350	354	rBV2	63272	90842	4.62%	0.311%
6	5.181	369	373	382	rVB	76901	113467	5.77%	0.388%
7	5.263	382	387	395	rBV	39988	102079	5.19%	0.349%
8	5.469	416	422	427	rBV2	46560	84849	4.31%	0.290%
9	5.551	431	436	441	rVV3	52730	87798	4.46%	0.301%
10	5.610	441	446	455	rVB4	98208	197038	10.01%	0.675%
11	5.857	479	488	494	rBV6	53086	135350	6.88%	0.463%
12	5.975	501	508	514	rVB3	38591	77452	3.94%	0.265%
13	6.063	519	523	525	rBV2	33825	48882	2.48%	0.167%
14	6.140	532	536	540	rVB	111023	144164	7.33%	0.494%
15	6.222	545	550	563	rVB3	82923	190210	9.67%	0.651%
16	6.569	605	609	614	rVB2	72827	104044	5.29%	0.356%
17	6.687	623	629	631	rBV2	56836	99281	5.05%	0.340%
18	6.722	631	635	642	rVB4	87140	163993	8.33%	0.561%
19	6.787	642	646	650	rBV	228402	407984	20.73%	1.397%
20	6.957	670	675	684	rBV2	219779	454473	23.10%	1.556%
21	7.022	684	686	689	rVV3	33927	49007	2.49%	0.168%
22	7.063	689	693	698	rVV4	49731	94094	4.78%	0.322%
23	7.139	701	706	712	rVV	323379	536872	27.28%	1.838%
24	7.198	712	716	719	rVV	68886	99645	5.06%	0.341%
25	7.239	719	723	729	rVV	180007	278772	14.17%	0.954%
26	7.392	743	749	754	rVB6	26617	49611	2.52%	0.170%
27	7.486	755	765	770	rBV5	40396	107755	5.48%	0.369%
28	7.545	770	775	779	rVV	152671	220166	11.19%	0.754%
29	7.604	779	785	797	rVB	685261	1148215	58.35%	3.931%
30	7.704	797	802	807	rBV	87901	157082	7.98%	0.538%
31	7.751	807	810	815	rVB3	42129	62180	3.16%	0.213%
32	7.822	815	822	824	rBV4	36751	62366	3.17%	0.213%
33	7.857	824	828	834	rVV2	44475	77765	3.95%	0.266%
34	8.092	861	868	870	rBV5	41017	82516	4.19%	0.282%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF5W2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	8.122	870	873	883	rVB4	72194	164339	8.35%	0.563%
36	8.222	883	890	896	rBV2	79343	133372	6.78%	0.457%
37	8.322	901	907	915	rBV	315996	590852	30.03%	2.023%
38	8.533	936	943	949	rBV5	32108	62269	3.16%	0.213%
39	8.639	956	961	963	rVV4	28687	49854	2.53%	0.171%
40	8.681	963	968	976	rVV3	69013	152305	7.74%	0.521%
41	8.775	976	984	997	rVB2	287395	635920	32.32%	2.177%
42	8.916	1004	1008	1015	rVB7	34924	76105	3.87%	0.261%
43	9.016	1022	1025	1033	rVB4	30789	69201	3.52%	0.237%
44	9.204	1052	1057	1063	rVB2	104697	154089	7.83%	0.527%
45	9.269	1063	1068	1075	rBV2	35409	77429	3.93%	0.265%
46	9.486	1098	1105	1111	rBV	212505	368439	18.72%	1.261%
47	9.780	1148	1155	1162	rBV2	115837	196900	10.01%	0.674%
48	10.022	1190	1196	1210	rBV	283830	605879	30.79%	2.074%
49	10.327	1243	1248	1252	rBV	68467	122326	6.22%	0.419%
50	10.386	1252	1258	1263	rVV	932117	1546778	78.60%	5.295%
51	10.433	1263	1266	1272	rVV	109118	171574	8.72%	0.587%
52	10.510	1272	1279	1282	rVV2	40811	67069	3.41%	0.230%
53	10.557	1282	1287	1297	rVB	107100	244824	12.44%	0.838%
54	10.839	1329	1335	1342	rVB6	30697	60274	3.06%	0.206%
55	11.274	1403	1409	1416	rVB7	23714	47877	2.43%	0.164%
56	11.374	1416	1426	1430	rBV	63658	112857	5.74%	0.386%
57	11.633	1465	1470	1475	rBV3	30953	50301	2.56%	0.172%
58	11.786	1488	1496	1502	rBV	101813	167065	8.49%	0.572%
59	12.010	1527	1534	1538	rVB8	30675	65315	3.32%	0.224%
60	12.057	1538	1542	1548	rBV	71264	122962	6.25%	0.421%
61	12.280	1576	1580	1589	rVB	80558	130467	6.63%	0.447%
62	12.433	1601	1606	1610	rBV5	29782	47991	2.44%	0.164%
63	12.757	1656	1661	1667	rVB2	95008	133018	6.76%	0.455%
64	13.057	1704	1712	1716	rBV	188270	319345	16.23%	1.093%
65	13.286	1746	1751	1762	rVB2	44024	110419	5.61%	0.378%
66	13.421	1768	1774	1775	rBV2	59196	93598	4.76%	0.320%
67	13.574	1795	1800	1806	rBV4	111069	209830	10.66%	0.718%
68	13.633	1806	1810	1813	rVV	109817	169644	8.62%	0.581%
69	13.680	1813	1818	1822	rVV	612545	874587	44.44%	2.994%
70	13.721	1822	1825	1830	rVV2	166723	244319	12.42%	0.836%
71	13.815	1837	1841	1843	rBV	37025	49856	2.53%	0.171%

LSC Area Percent Report

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Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	13.957	1858	1865	1877	rVB	725908	1130016	57.42%	3.868%
73	14.074	1880	1885	1890	rVB6	37967	71032	3.61%	0.243%
74	14.145	1891	1897	1902	rBV	280896	389145	19.78%	1.332%
75	14.210	1904	1908	1910	rBV3	35892	47852	2.43%	0.164%
76	14.262	1911	1917	1923	rBV2	1255880	1863604	94.70%	6.380%
77	14.480	1948	1954	1957	rBV4	47769	96624	4.91%	0.331%
78	14.527	1958	1962	1964	rBV4	36312	57250	2.91%	0.196%
79	14.651	1978	1983	1987	rBV5	54261	109123	5.55%	0.374%
80	14.739	1995	1998	2000	rBV	59906	66243	3.37%	0.227%
81	14.880	2018	2022	2028	rBV2	60117	118452	6.02%	0.405%
82	14.939	2028	2032	2037	rBV	41774	60317	3.07%	0.206%
83	15.104	2055	2060	2064	rVB	295054	373636	18.99%	1.279%
84	15.262	2082	2087	2093	rVV	844235	1183777	60.16%	4.052%
85	15.357	2100	2103	2109	rVB3	31657	53671	2.73%	0.184%
86	15.415	2110	2113	2118	rBV5	34694	55512	2.82%	0.190%
87	15.504	2123	2128	2134	rVB	86325	173208	8.80%	0.593%
88	15.604	2140	2145	2152	rBV8	50811	104266	5.30%	0.357%
89	15.968	2202	2207	2216	rBV	317160	607604	30.88%	2.080%
90	16.762	2338	2342	2345	rBV	229896	269103	13.68%	0.921%
91	16.809	2347	2350	2354	rVB2	78175	101746	5.17%	0.348%
92	17.021	2381	2386	2391	rBV2	1282715	1840690	93.54%	6.301%
93	17.121	2398	2403	2410	rVB	851573	1184605	60.20%	4.055%
94	17.503	2464	2468	2472	rVB	178475	218241	11.09%	0.747%
95	17.909	2533	2537	2542	rBV3	269439	448121	22.77%	1.534%
96	18.198	2583	2586	2590	rBV	139686	147565	7.50%	0.505%
97	19.203	2754	2757	2761	rBV	166844	252300	12.82%	0.864%
98	19.427	2791	2795	2800	rBV2	939332	1355144	68.86%	4.639%
99	19.803	2856	2859	2864	rVB	297021	349978	17.78%	1.198%
100	21.227	3098	3101	3109	rVB	1601911	1967841	100.00%	6.736%

Sum of corrected areas: 29211861

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019497.D
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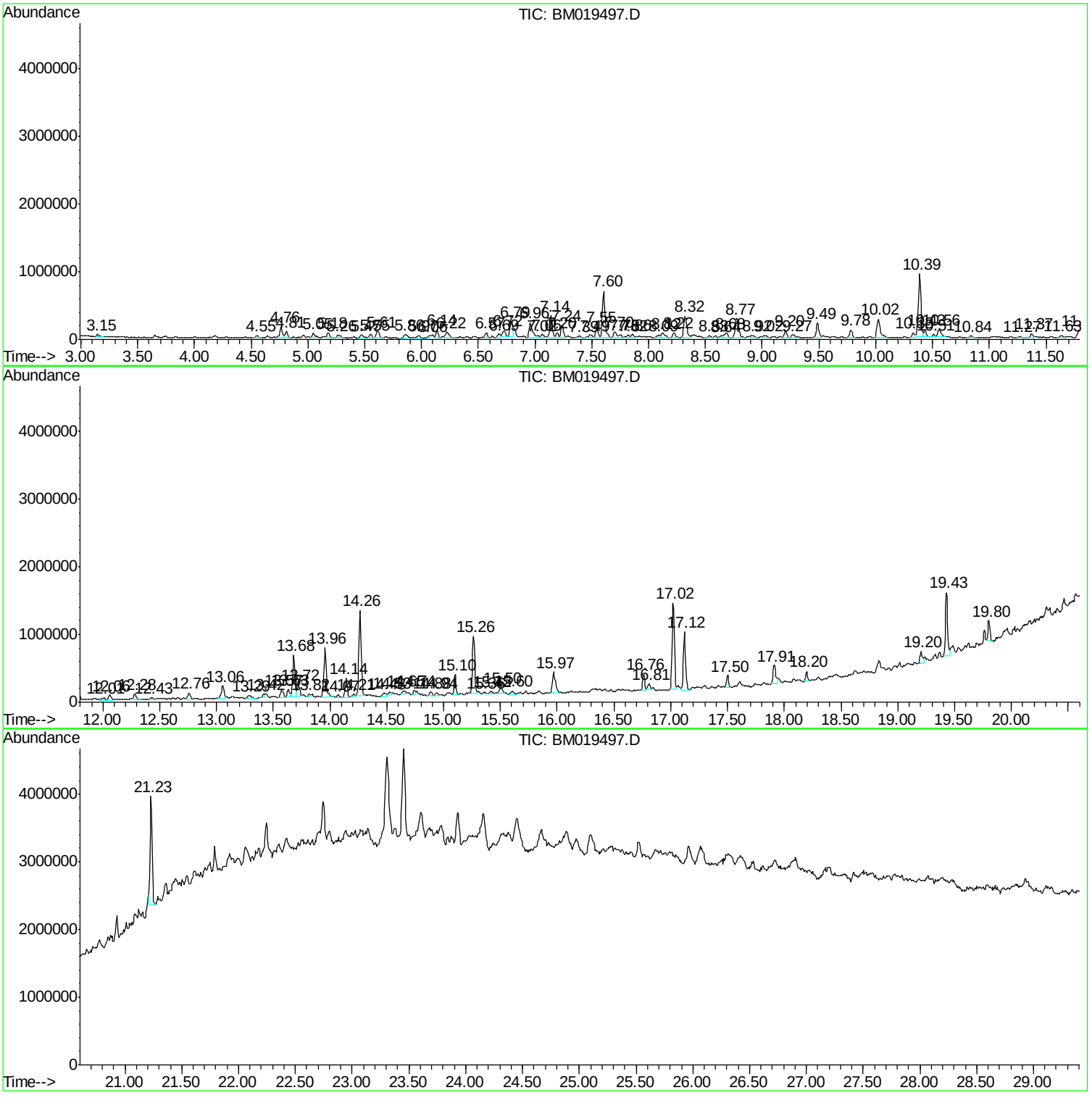
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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\BM032619\
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Instrument : BNA_M
ClientSampleId : BF5W2

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

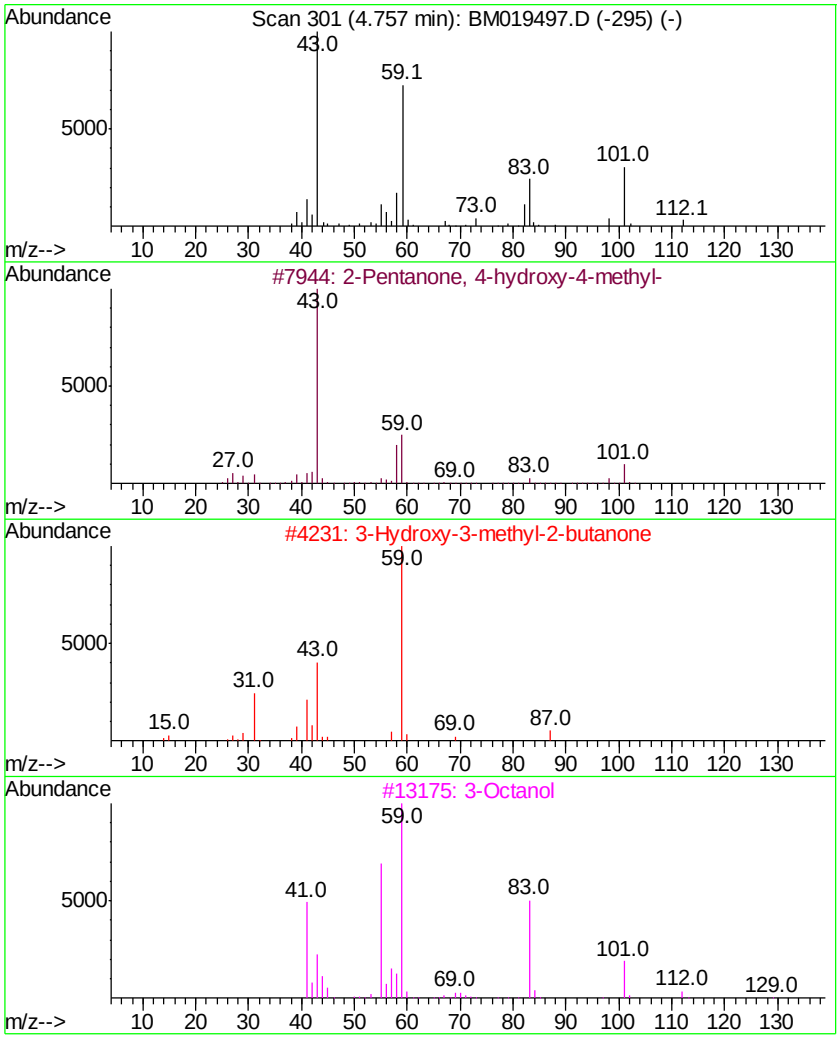
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

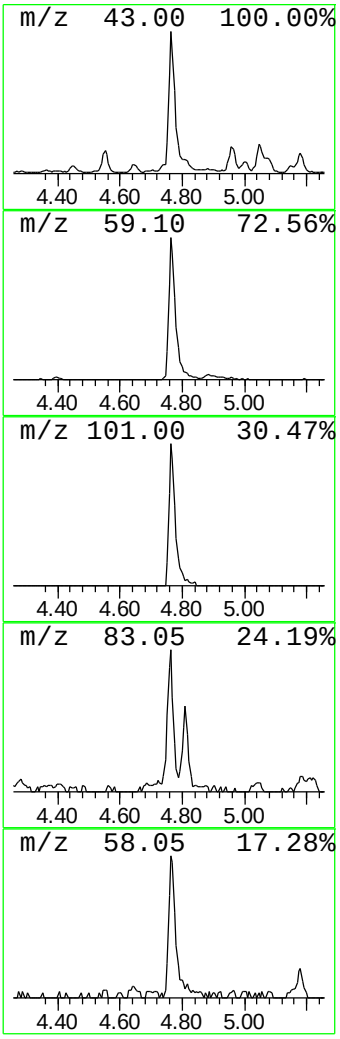
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	4.17 ng/ul	239296	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3	3-Octanol	130	C8H18O	020296-29-1	33
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
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Instrument : BNA_M
ClientSampleId : BF5W2

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

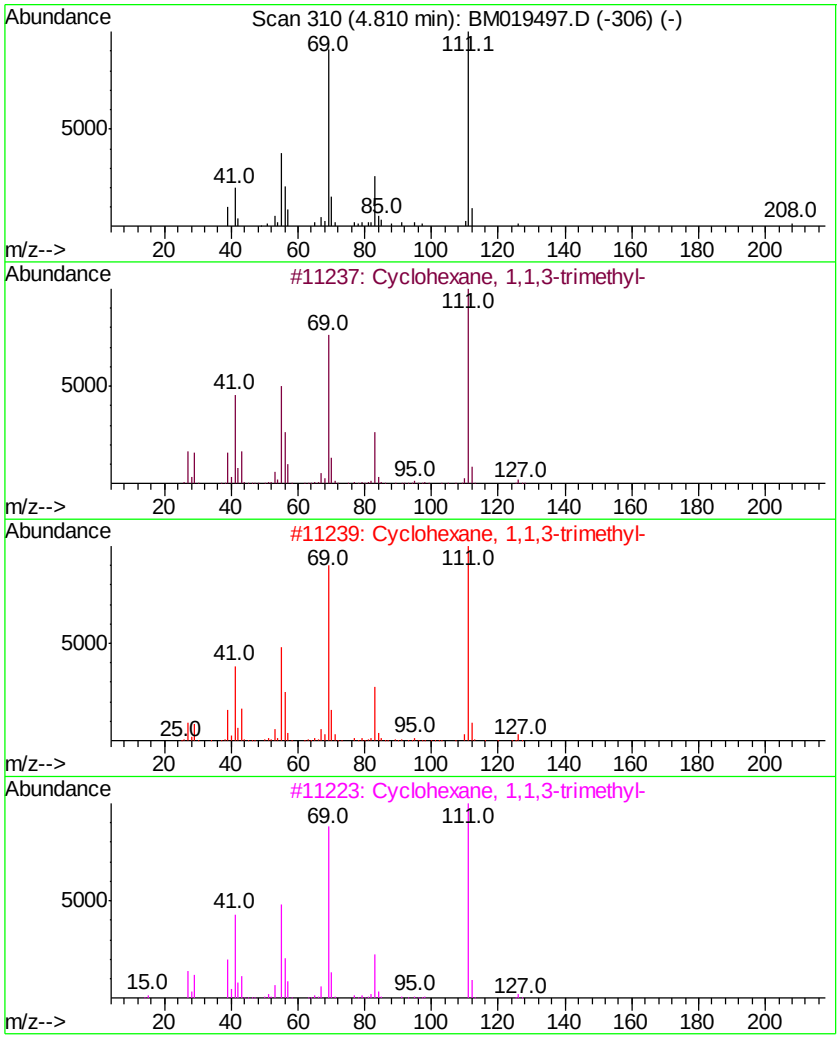
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

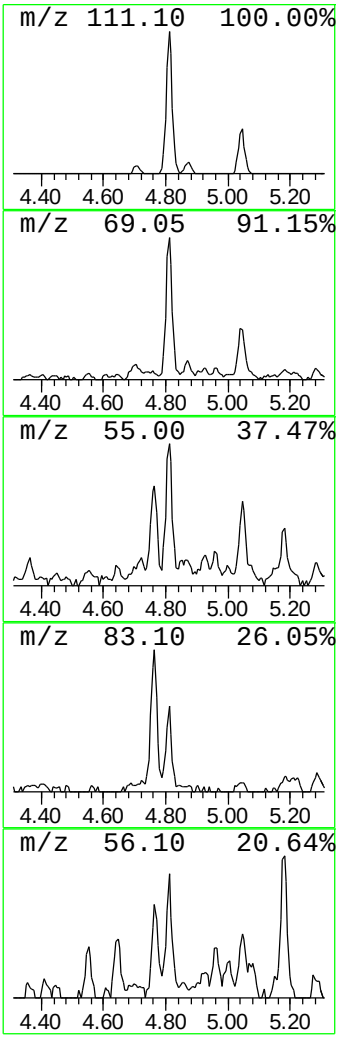
****

Peak Number 2 (DEL) Alkane: Cyclic4.81 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	2.30 ng/ul	131964	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BF5W2

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

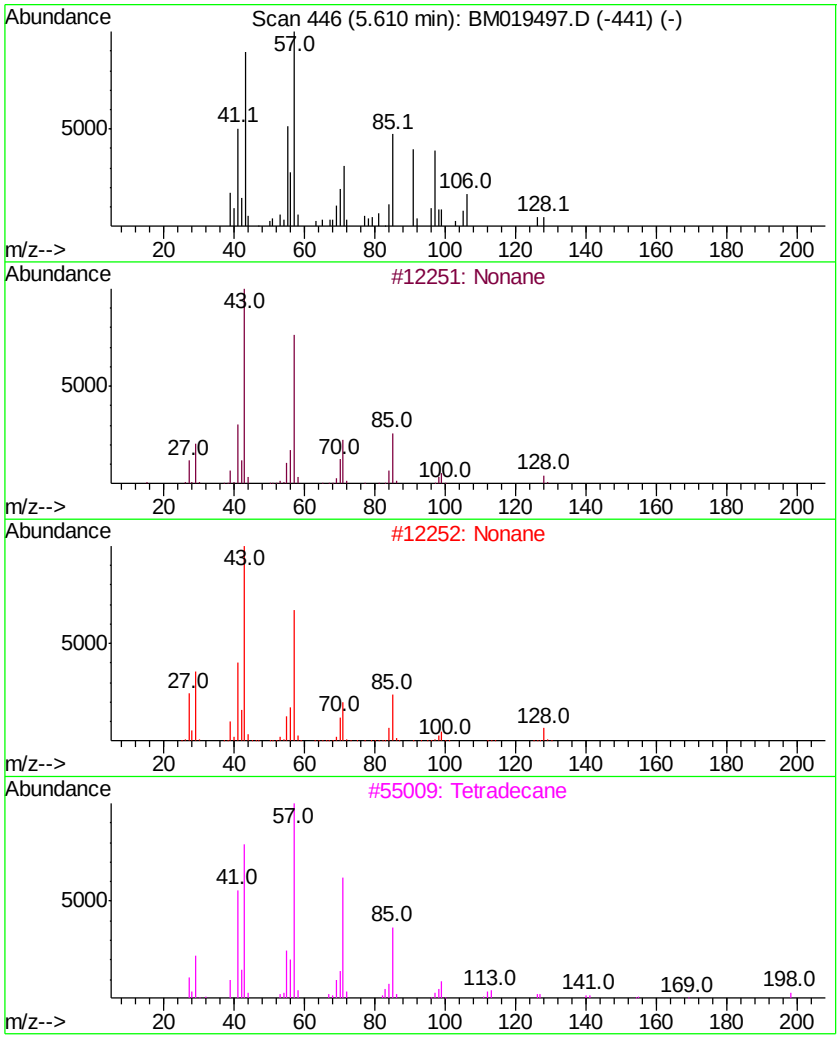
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

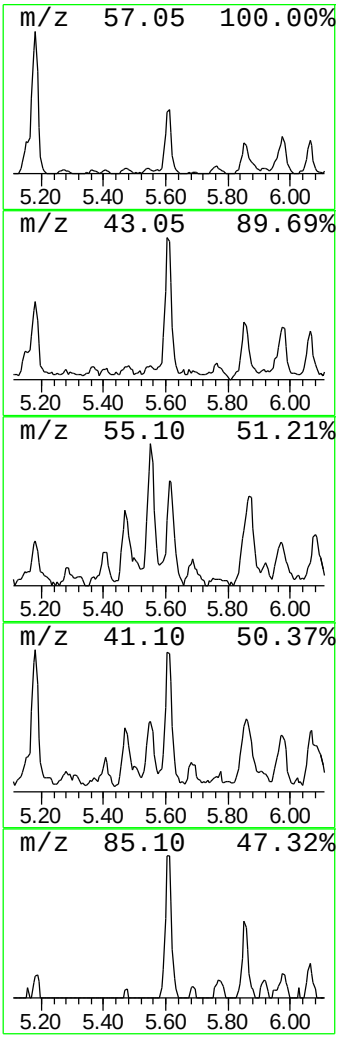
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	3.43 ng/ul	197038	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	70
2	Nonane	128	C9H20	000111-84-2	70
3	Tetradecane	198	C14H30	000629-59-4	47
4	Octane	114	C8H18	000111-65-9	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43





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Instrument : BNA_M
ClientSampleId : BF5W2

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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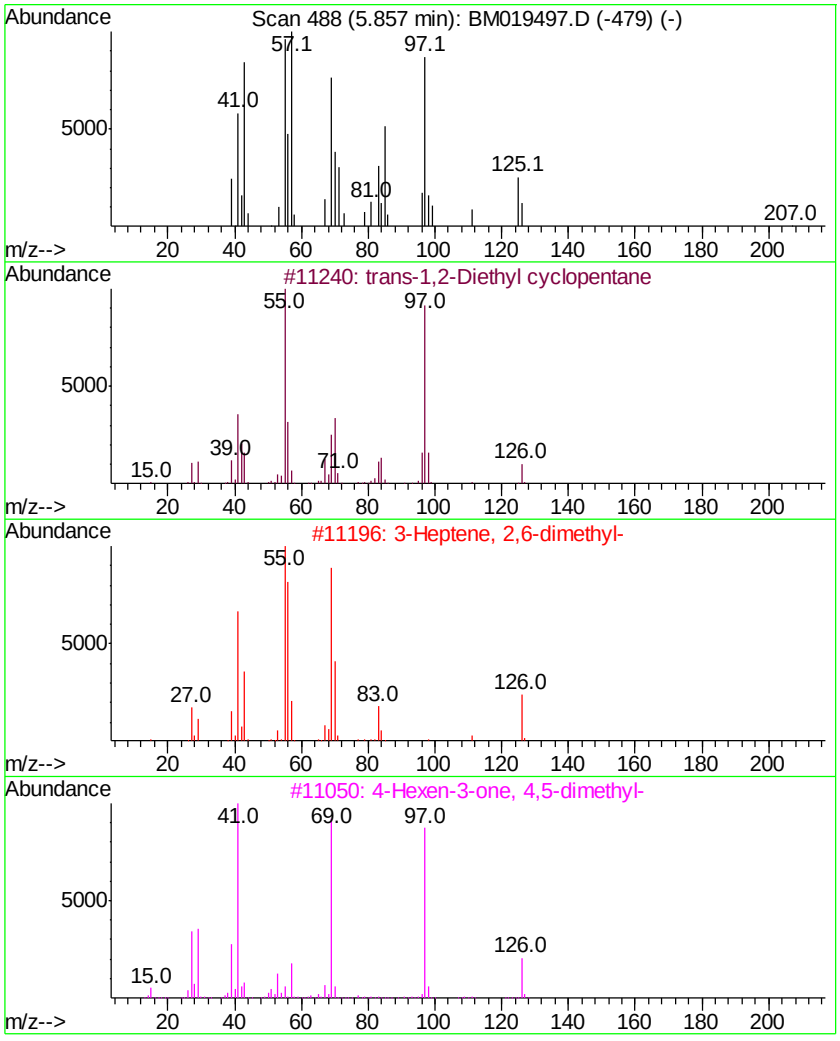
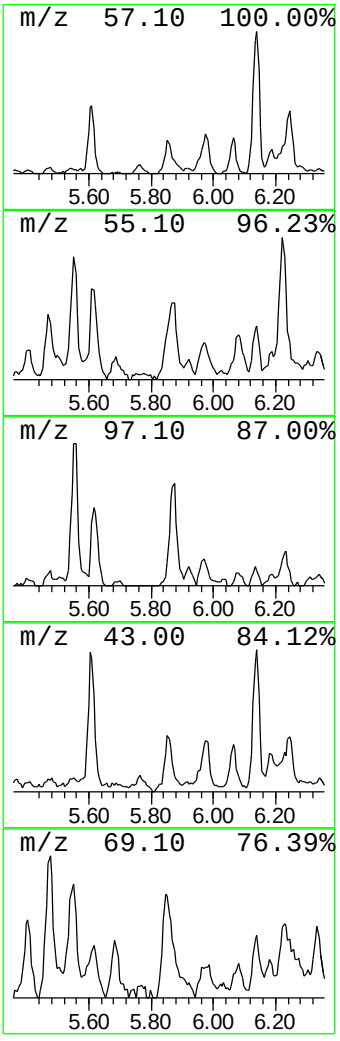
Peak Number 4 (DEL) Alkane: Cyclic5.86 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.36 ng/ul	135350	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	50
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43
3	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	43
4	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	43
5	1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	43





Library Search Compound Report

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Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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

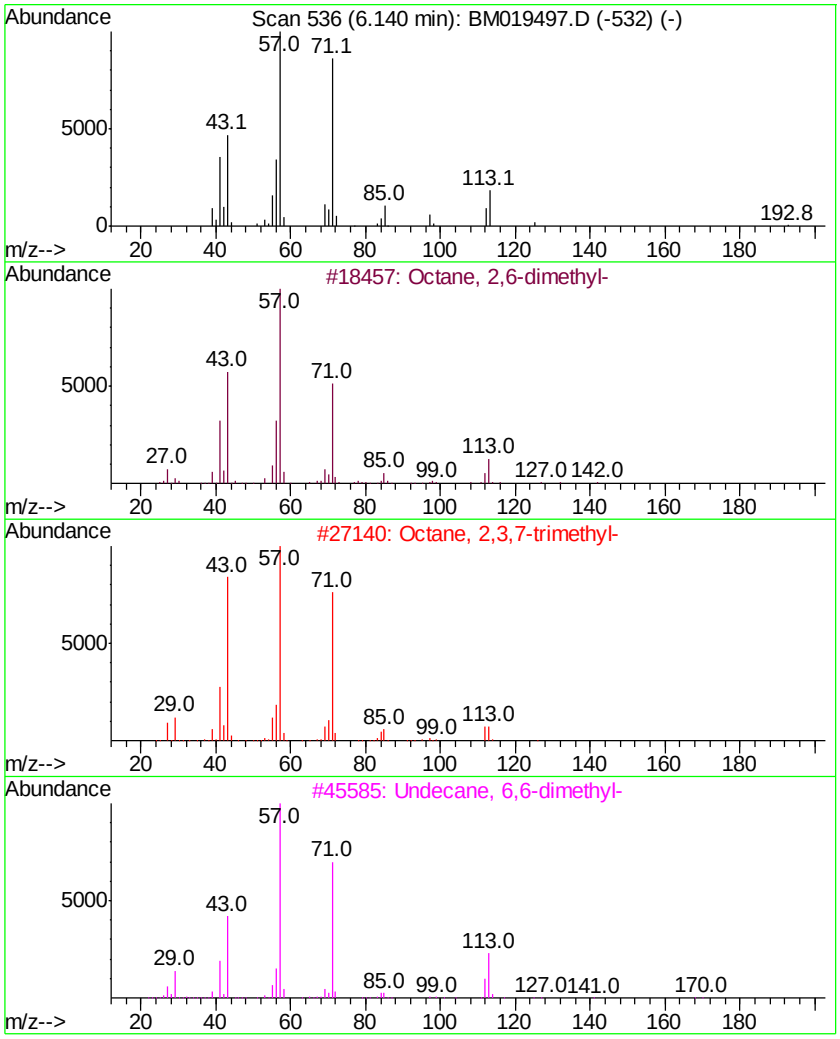
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

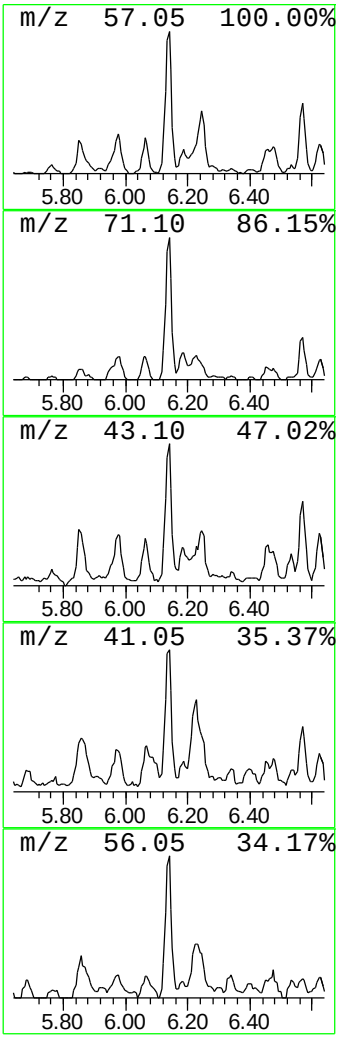
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	2.51 ng/ul	144164	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





Library Search Compound Report

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Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
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Instrument : BNA_M
ClientSampleId : BF5W2

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Quant Title : SVOA CALIBRATION

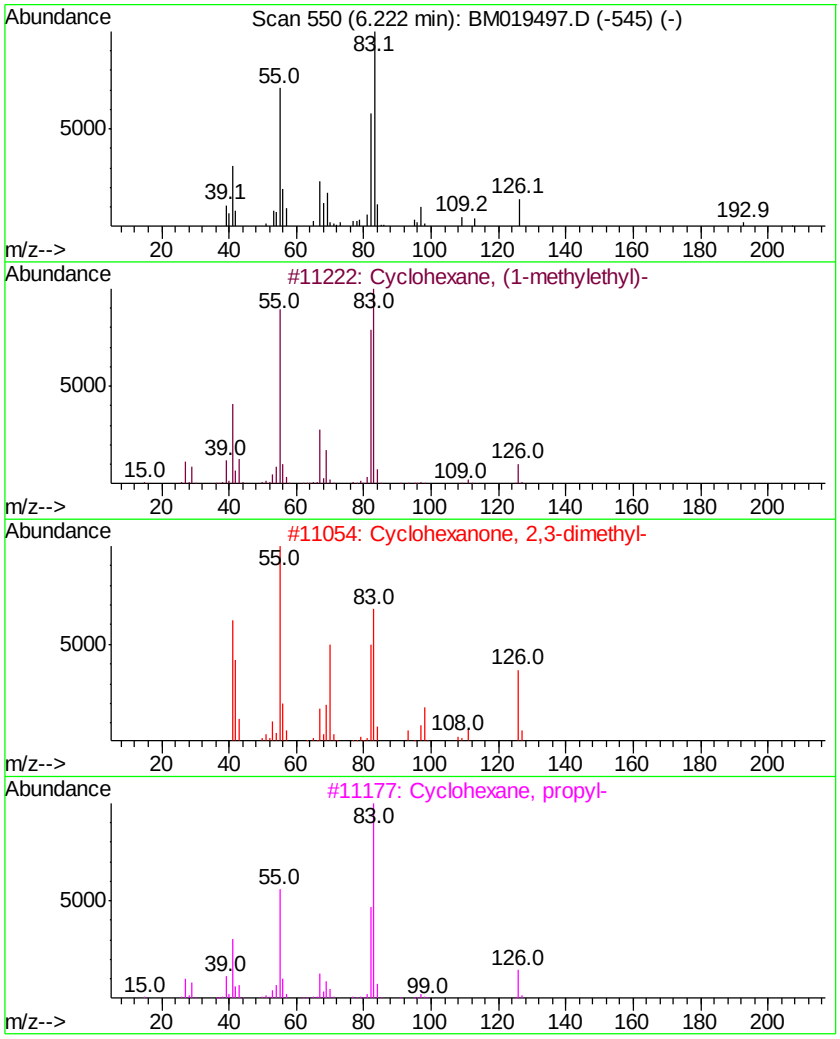
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

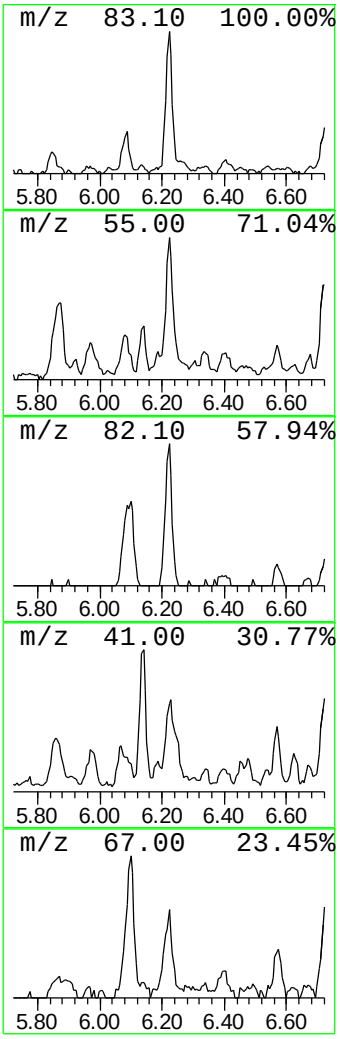
****

Peak Number 6 (DEL) Alkane: Cyclic6.22 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	3.31 ng/ul	190210	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





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Instrument : BNA_M
ClientSampleId : BF5W2

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Quant Title : SVOA CALIBRATION

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

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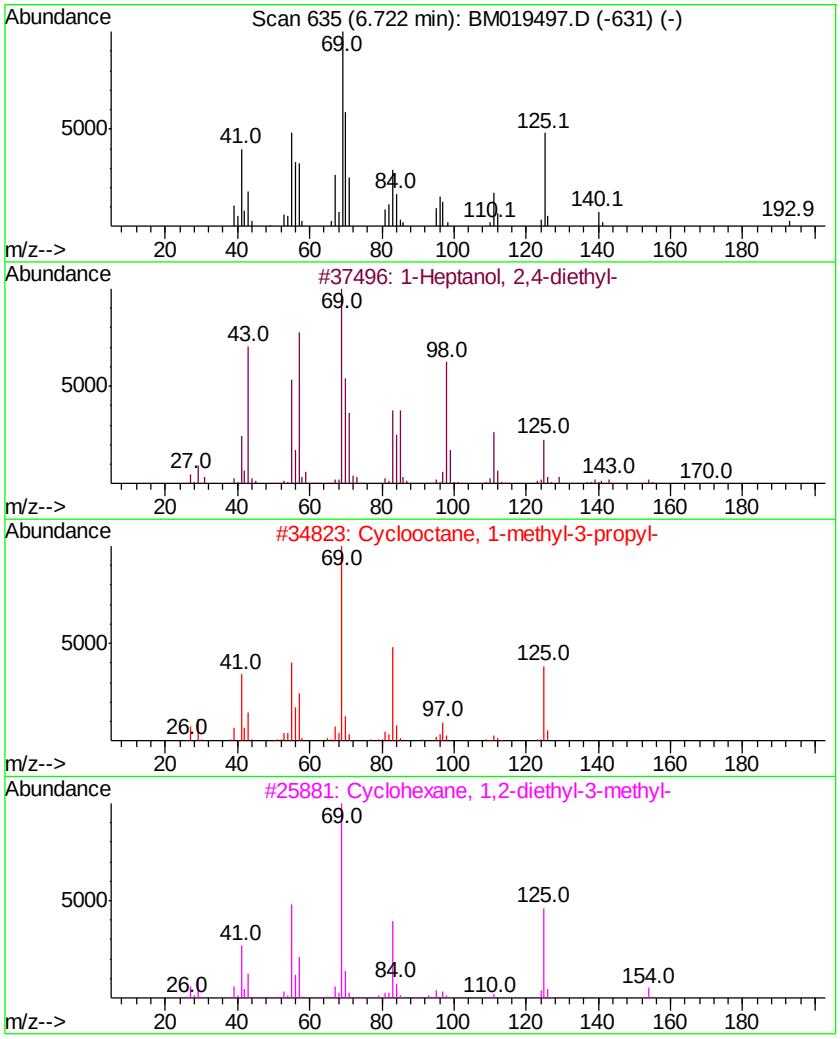
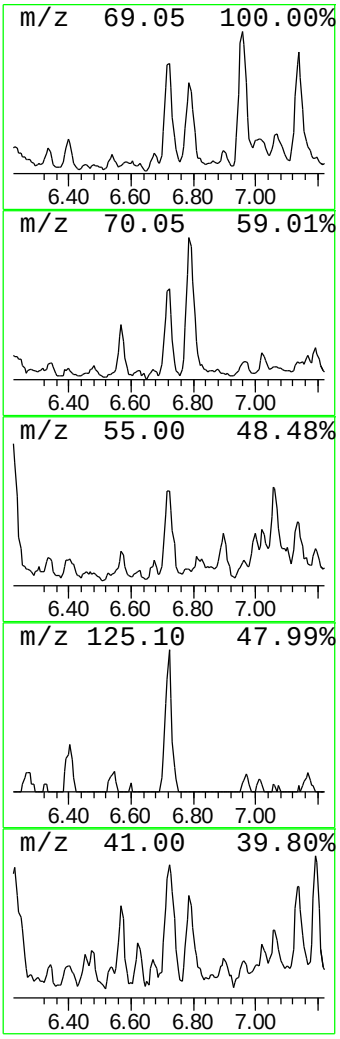
Peak Number 7 1-Heptanol, 2,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	2.86 ng/ul	163993	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	59
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	47





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ClientSampleId : BF5W2

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Quant Title : SVOA CALIBRATION

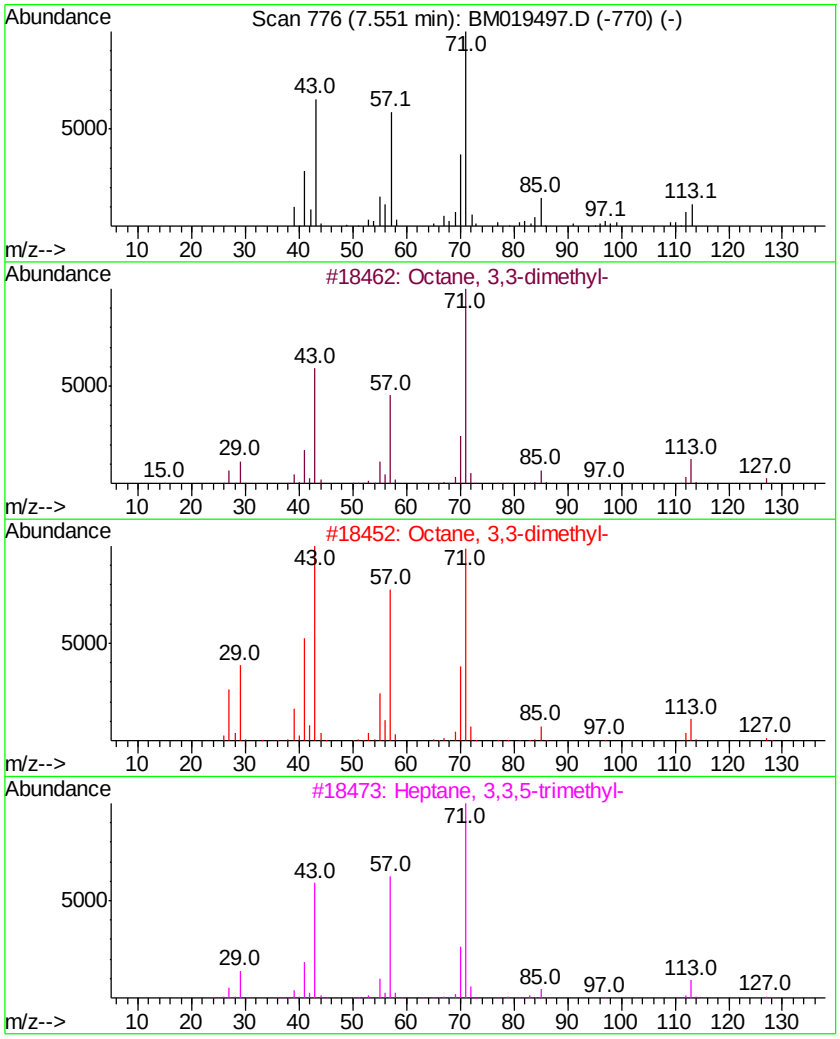
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

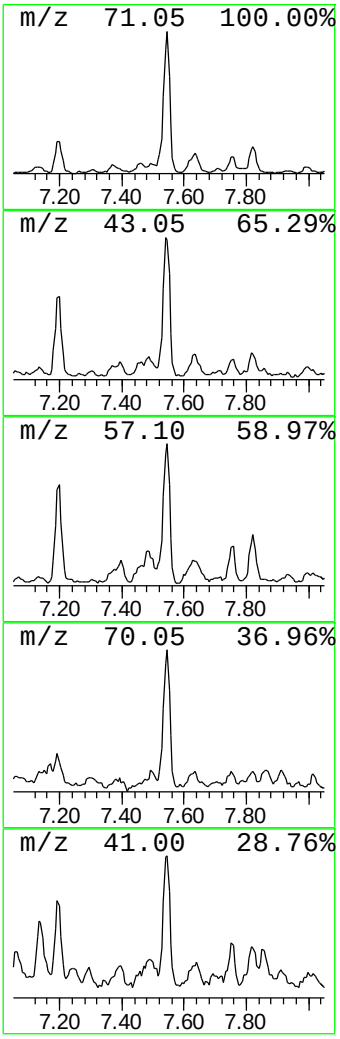
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.83 ng/ul	220166	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	80
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59





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ClientSampleId : BF5W2

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Quant Title : SVOA CALIBRATION

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

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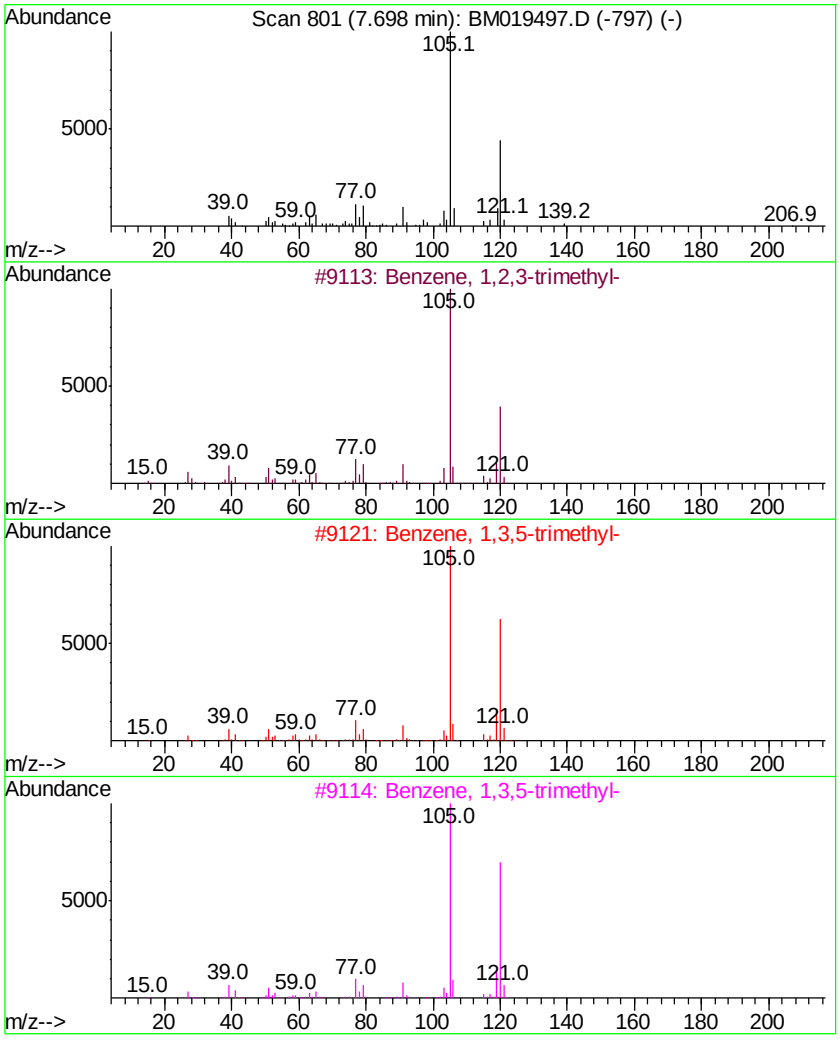
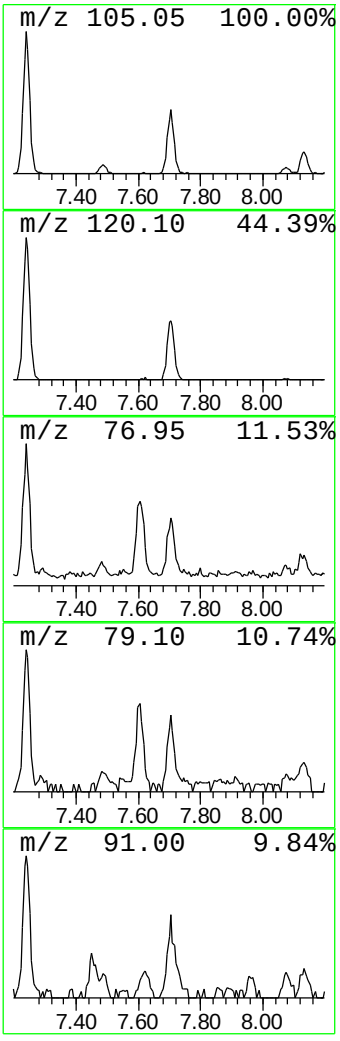
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	2.74 ng/ul	157082	1,4-Dichlorobenzene-d4	7.60

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	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Operator : JU/SJ
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Instrument : BNA_M
ClientSampleId : BF5W2

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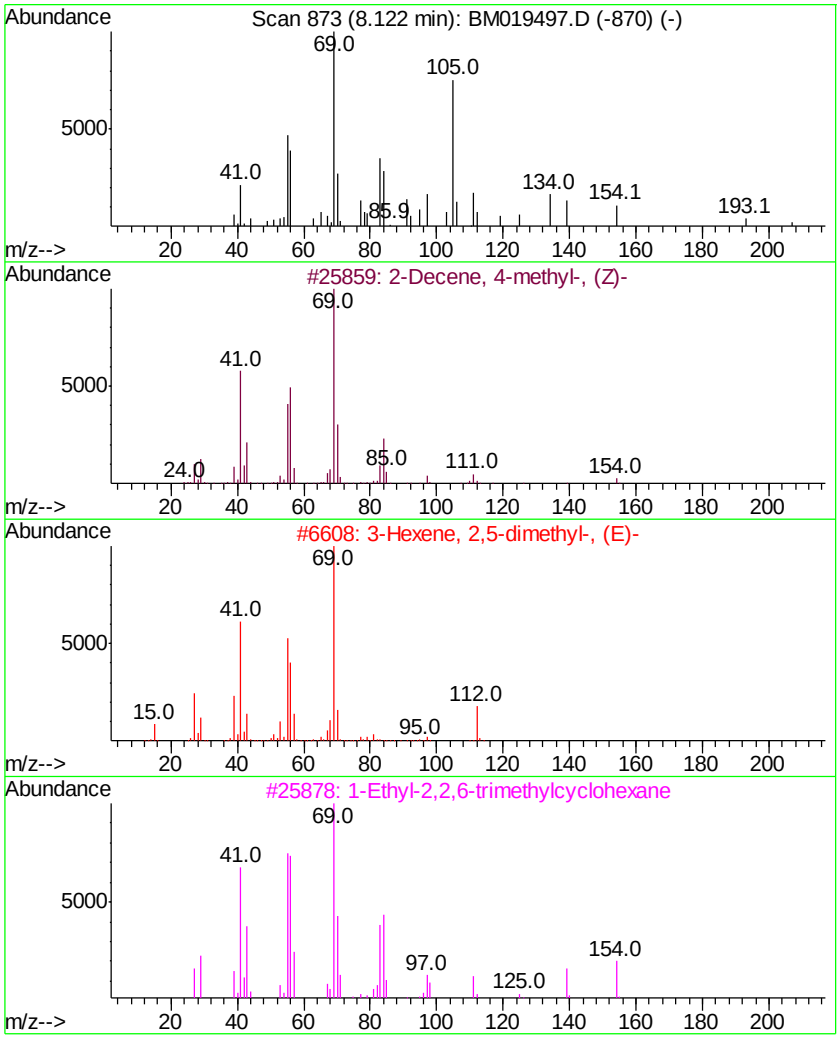
Quant Title : SVOA CALIBRATION

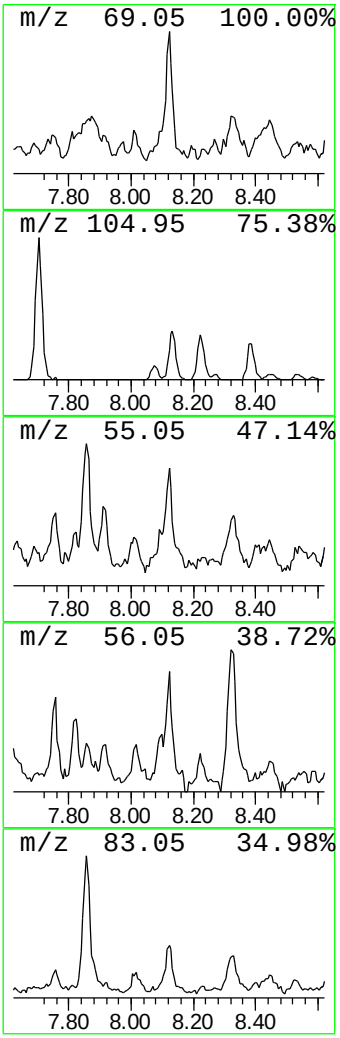
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic8.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.86 ng/ul	164339	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	59
2	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	46
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	45
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
5	Isotridecanol-	200	C13H28O	027458-92-0	43





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

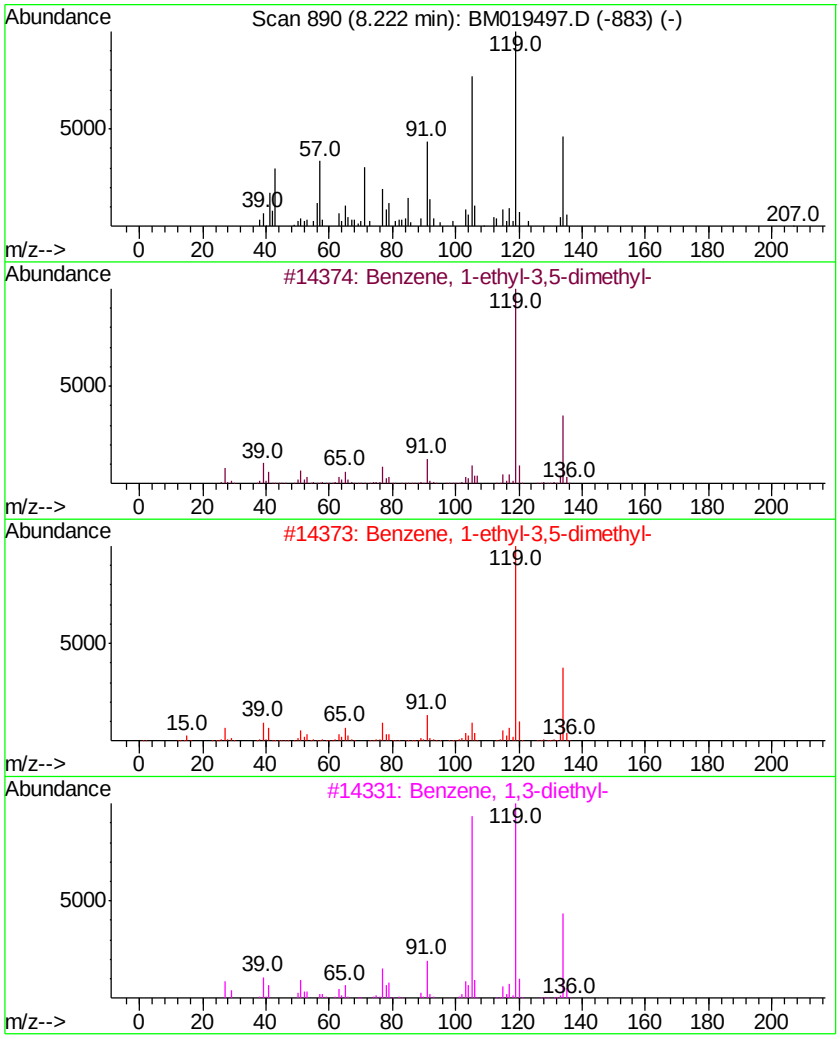
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

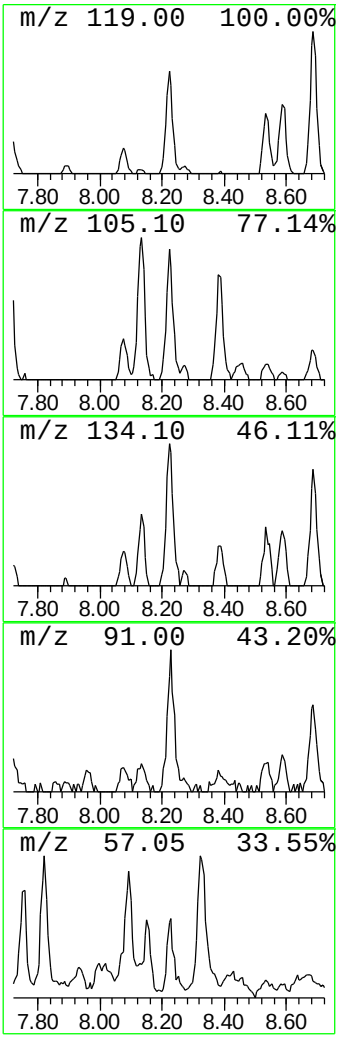
****

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.32 ng/ul	133372	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81





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Quant Title : SVOA CALIBRATION

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

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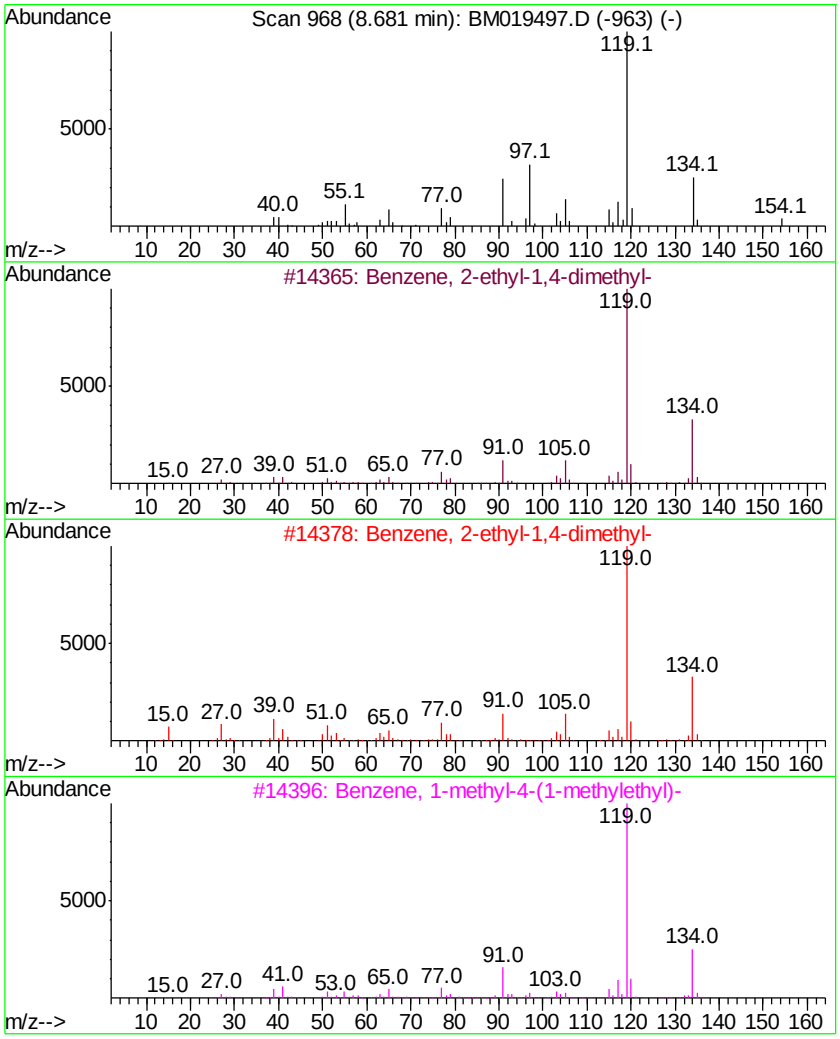
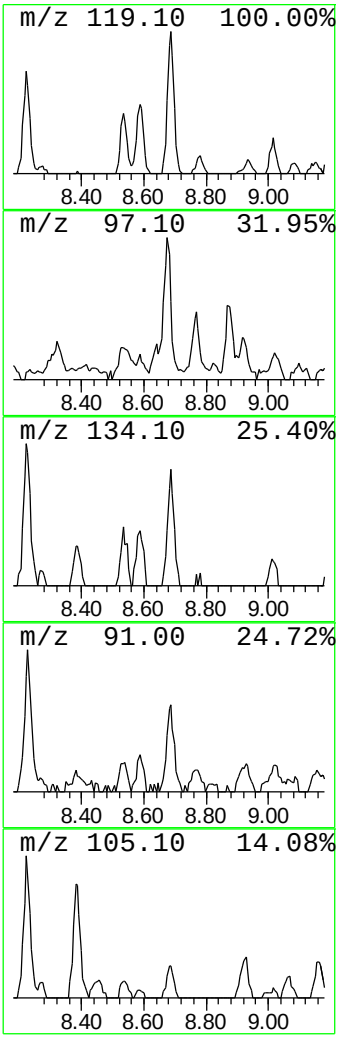
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.65 ng/ul	152305	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





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ClientSampleId : BF5W2

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Quant Title : SVOA CALIBRATION

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

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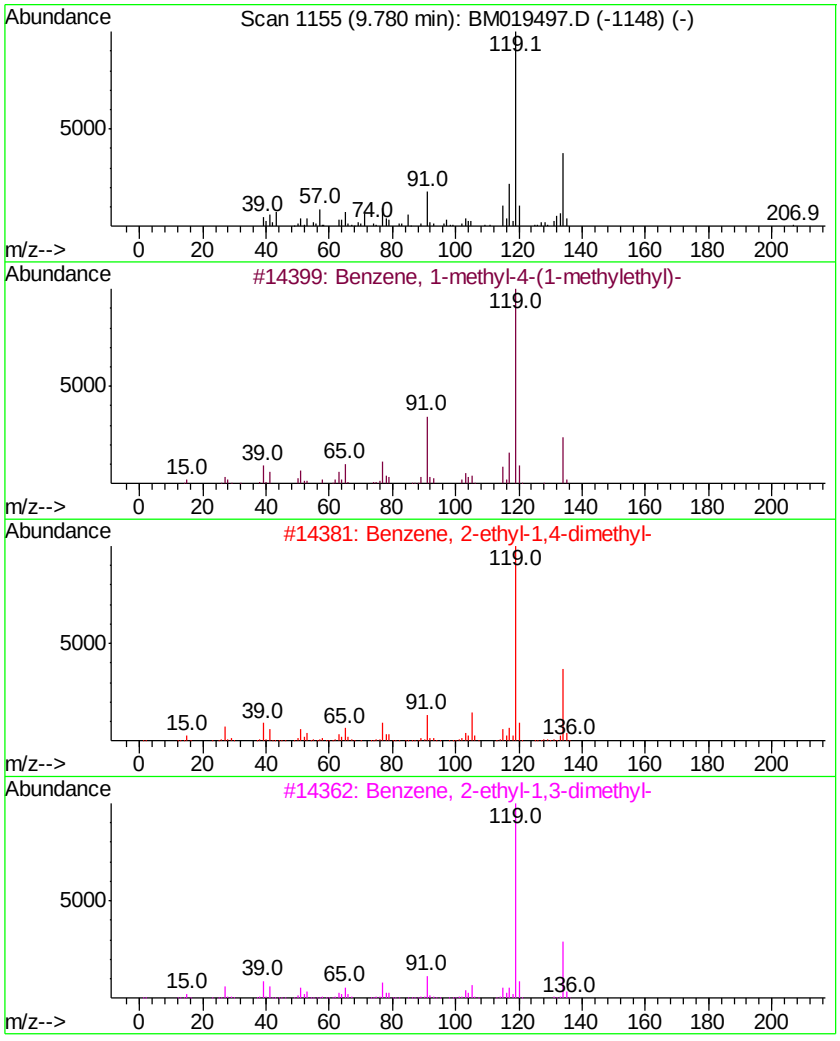
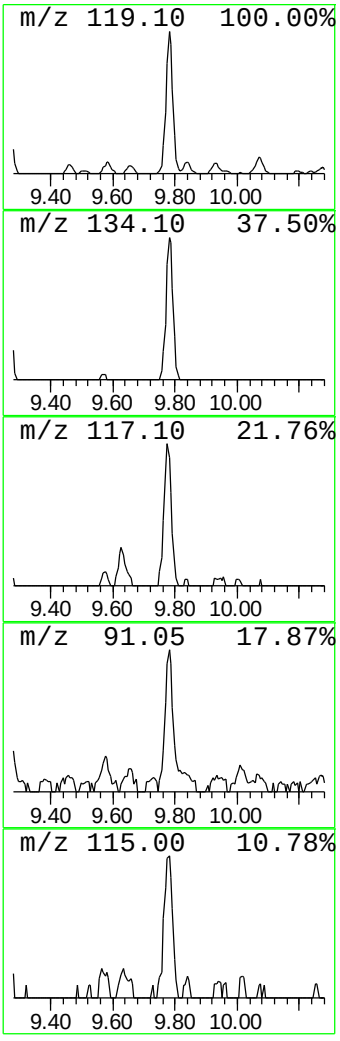
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.55 ng/ul	196900	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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ClientSampleId : BF5W2

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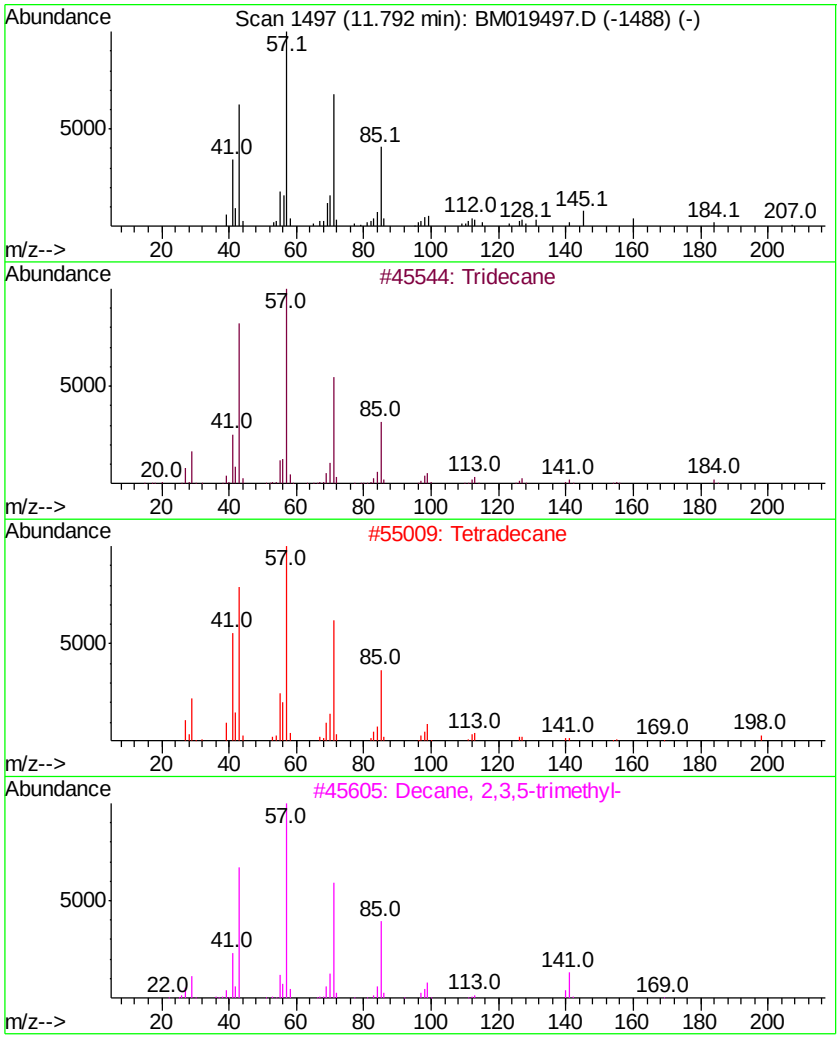
Quant Title : SVOA CALIBRATION

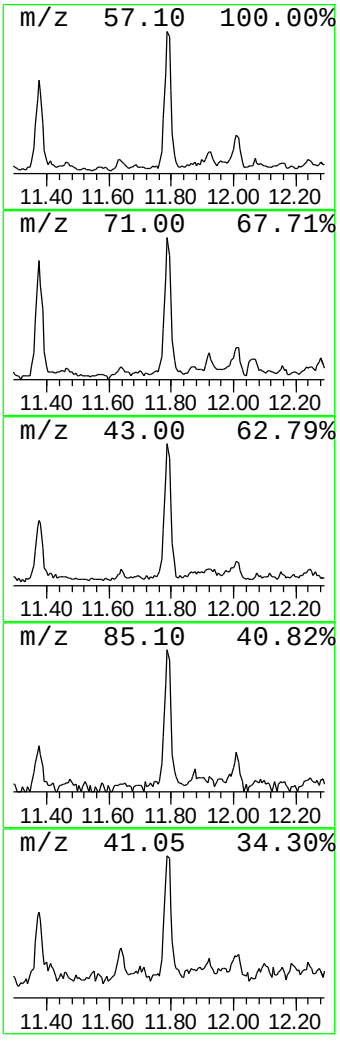
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.16 ng/ul	167065	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	78
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Tridecane	184	C13H28	000629-50-5	72





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Quant Title : SVOA CALIBRATION

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

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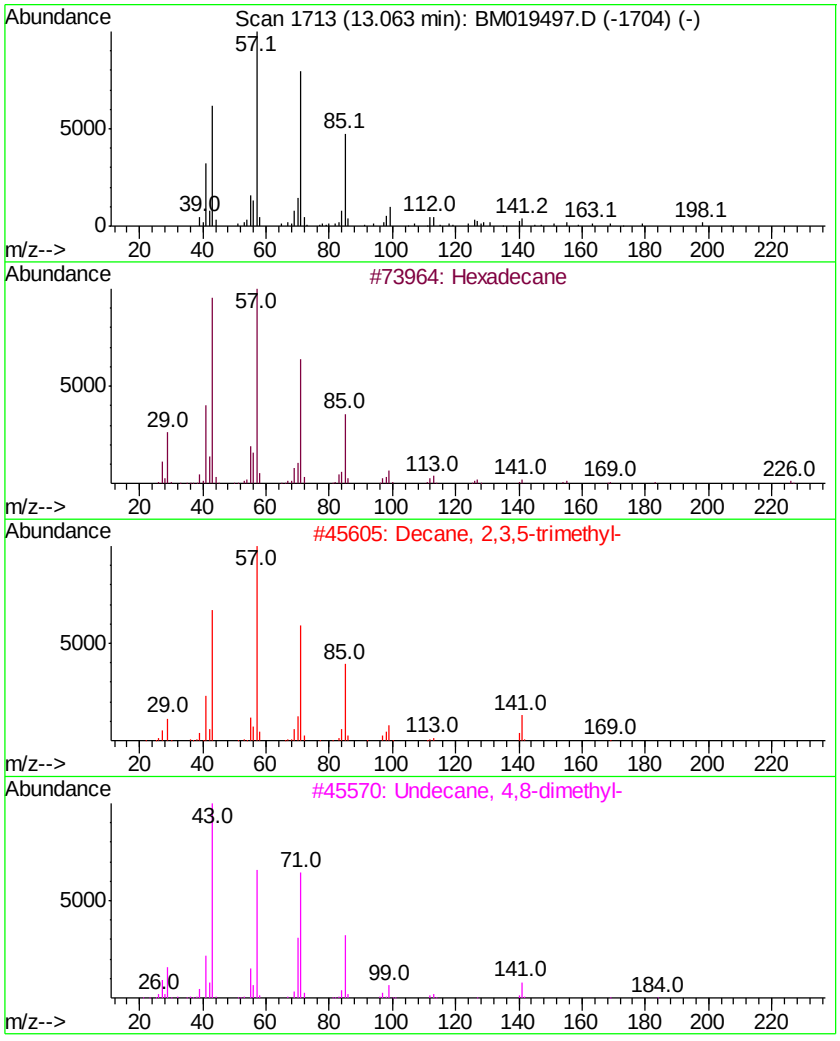
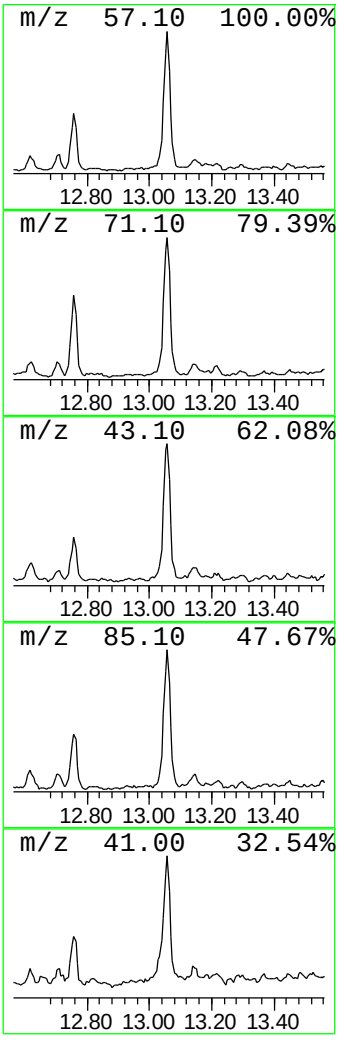
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.43 ng/ul	319345	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	50





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Quant Title : SVOA CALIBRATION

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

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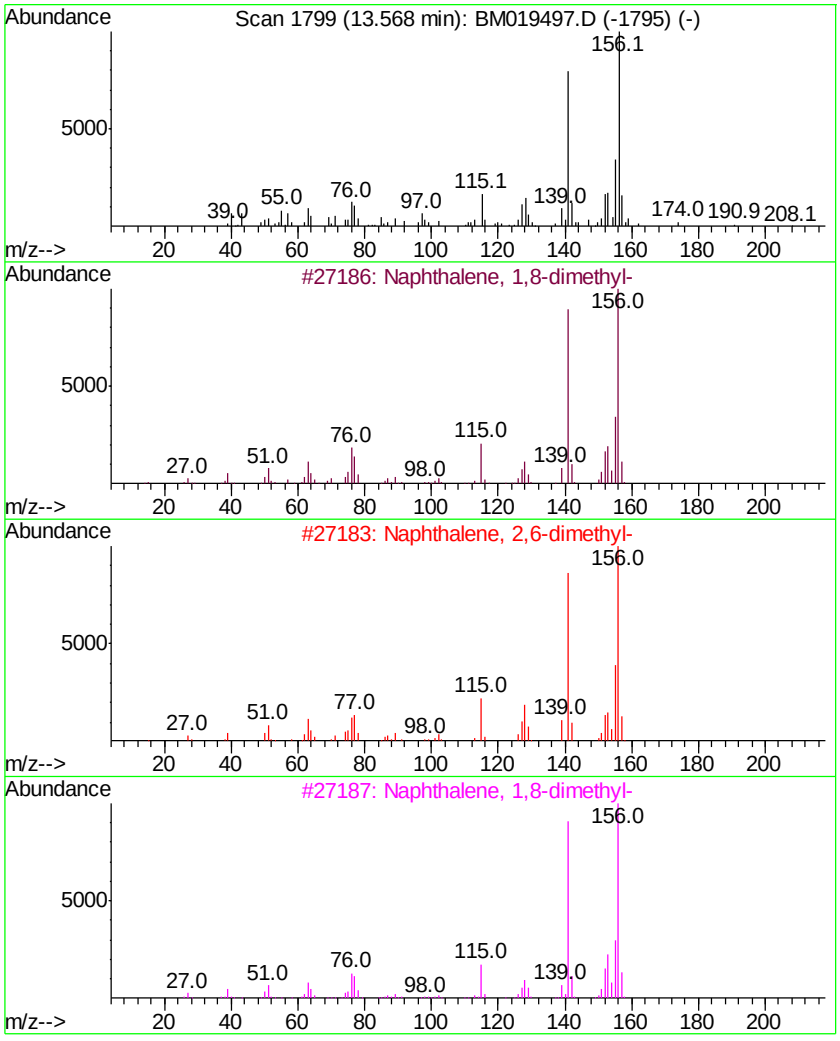
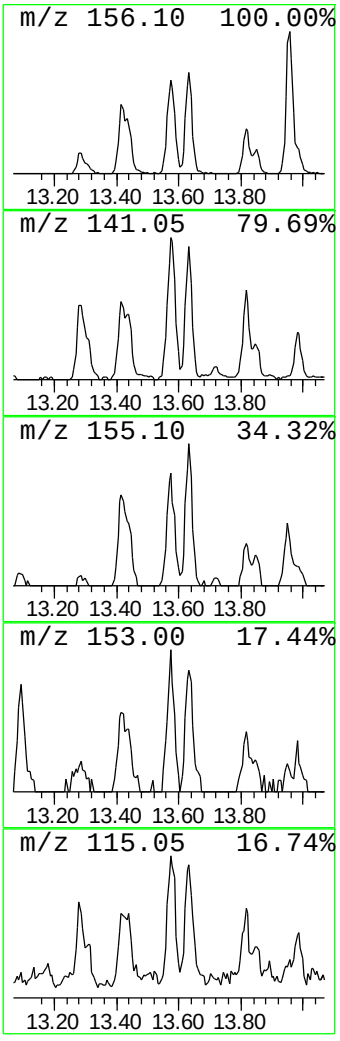
Peak Number 17 Naphthalene, 1,8-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.25 ng/ul	209830	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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

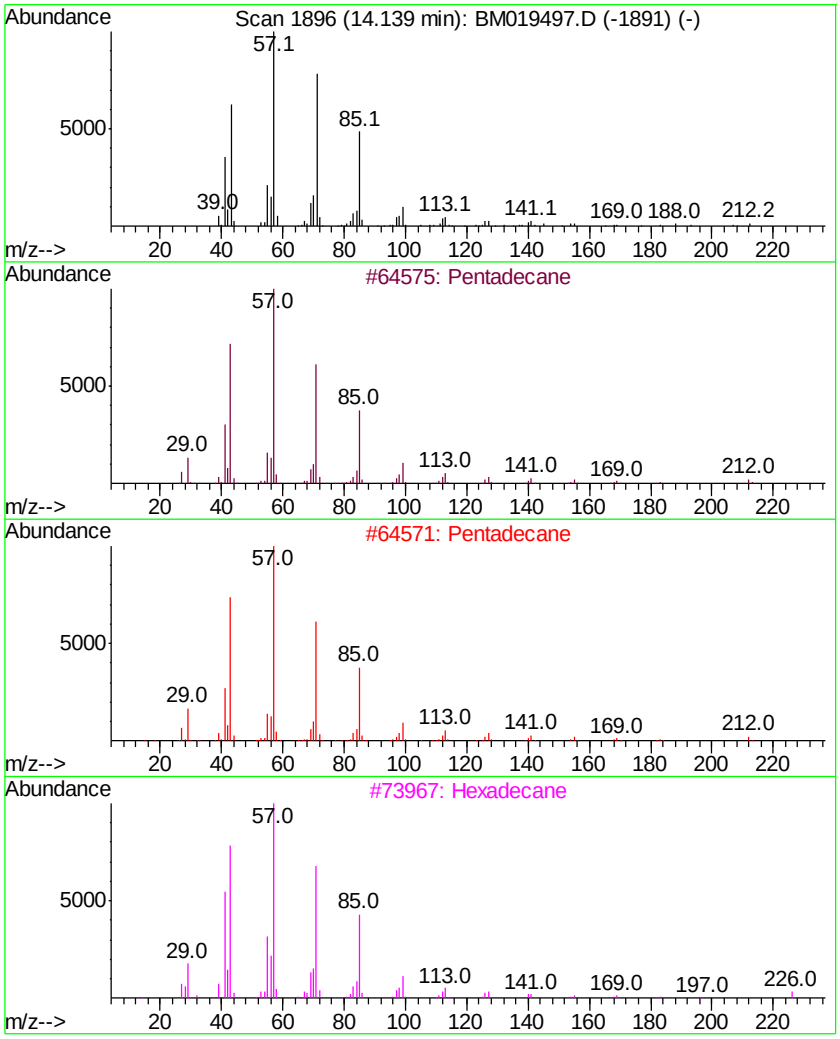
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

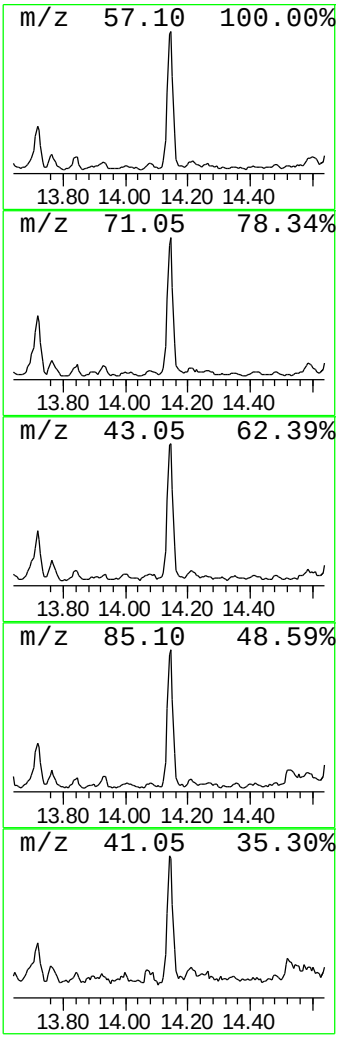
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	4.18 ng/ul	389145	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Data File : BM019497.D
Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

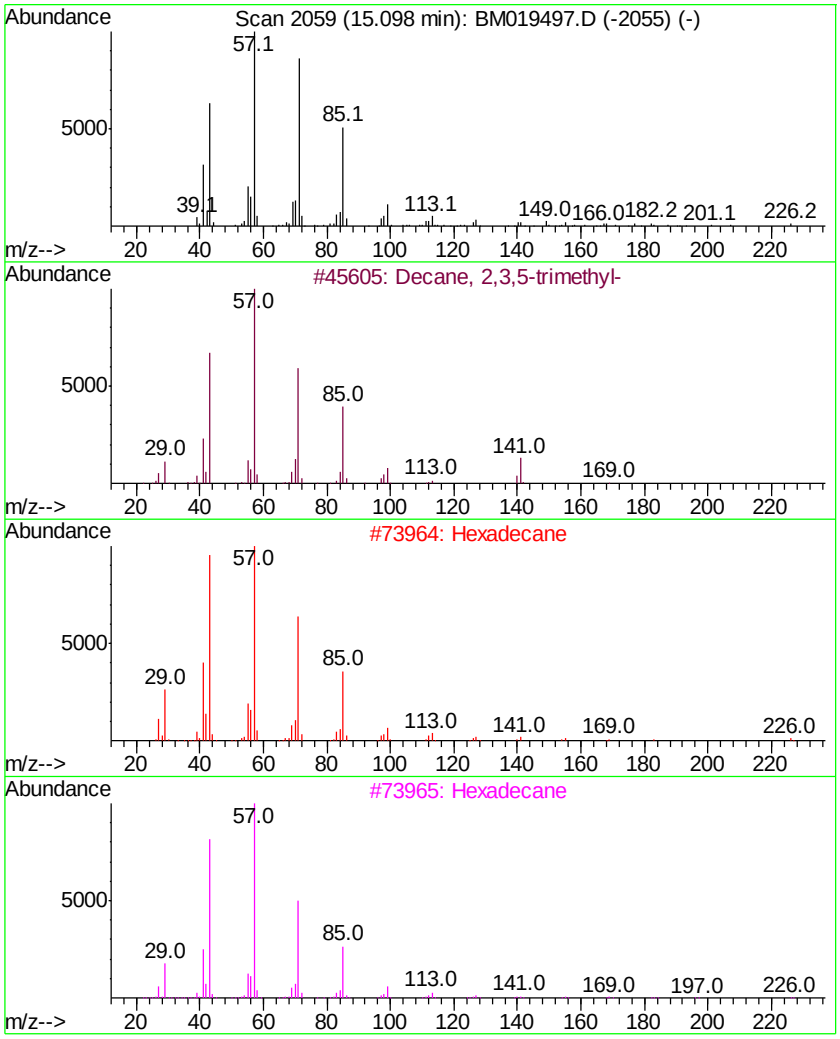
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

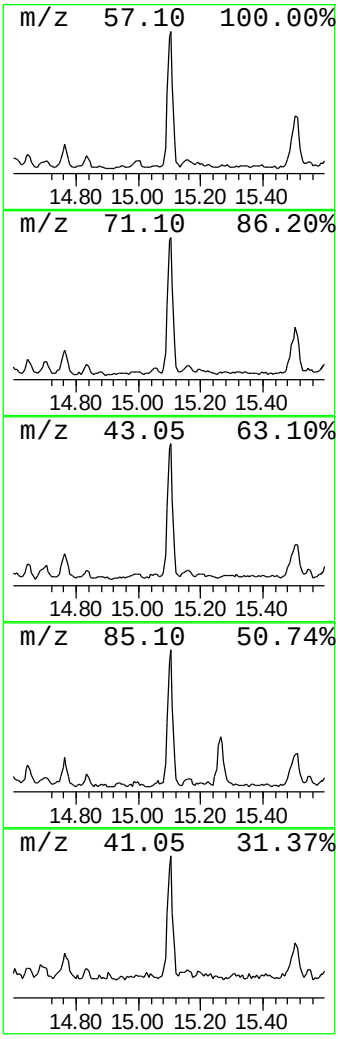
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.01 ng/ul	373636	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Hexadecane	226	C16H34	000544-76-3	60





Library Search Compound Report

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Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
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Instrument : BNA_M
ClientSampleId : BF5W2

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Quant Title : SVOA CALIBRATION

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

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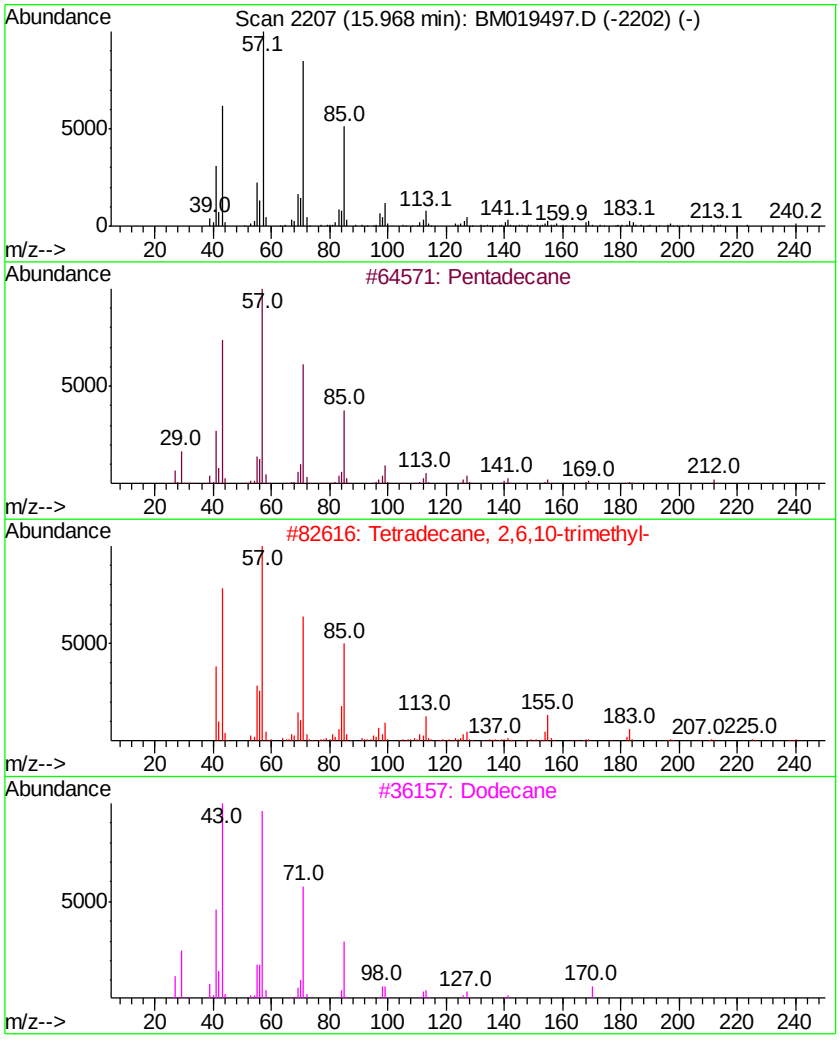
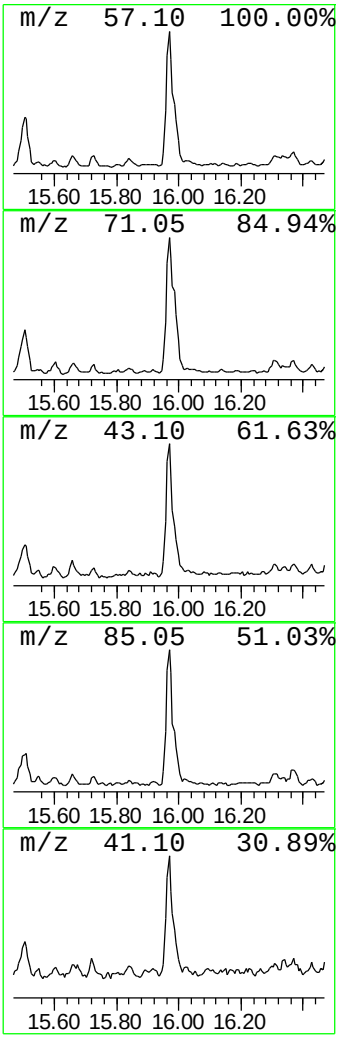
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	6.60 ng/ul	607604	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3	Dodecane	170	C12H26	000112-40-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Library Search Compound Report

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Data File : BM019497.D
Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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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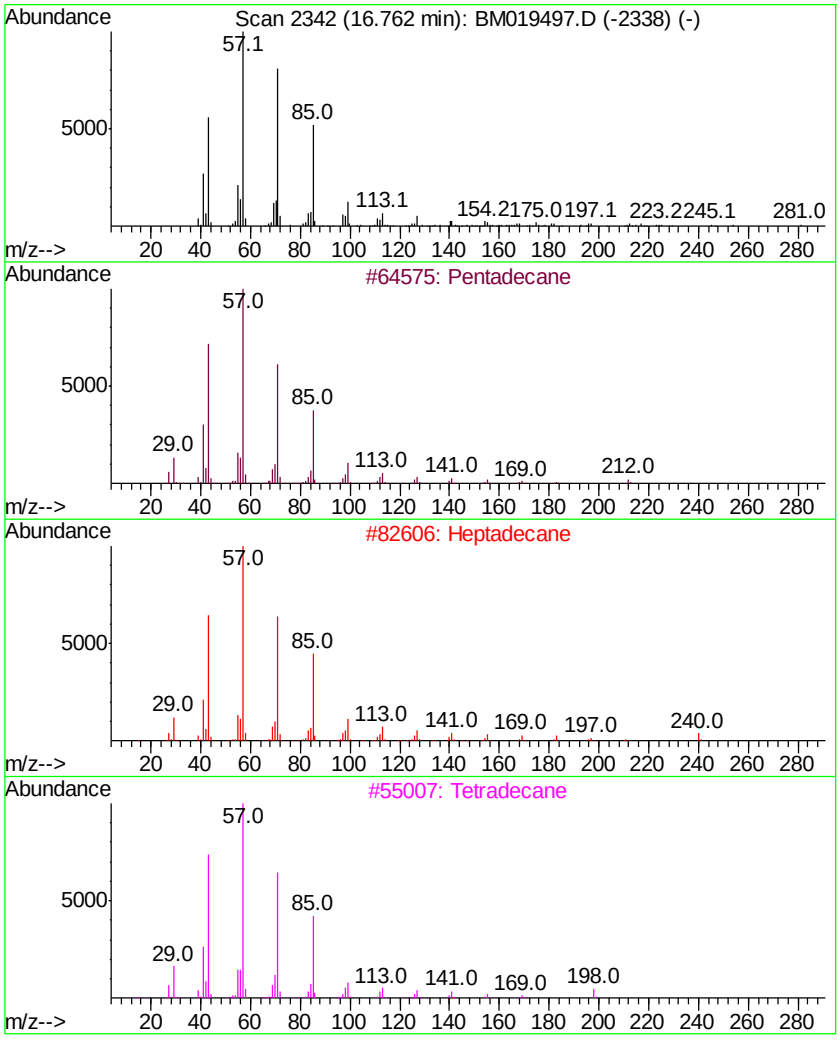
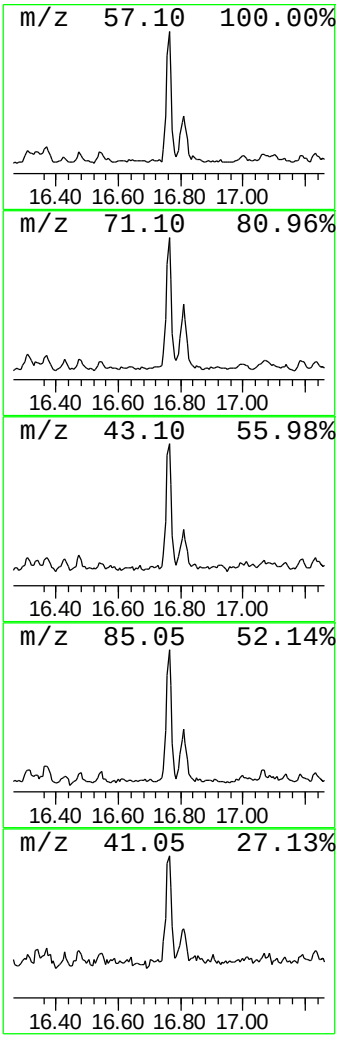
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.92 ng/ul	269103	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

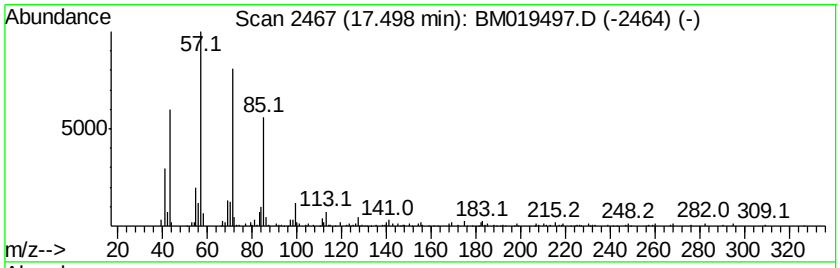
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

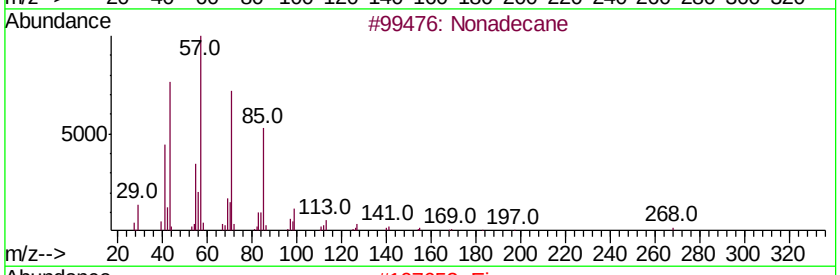
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

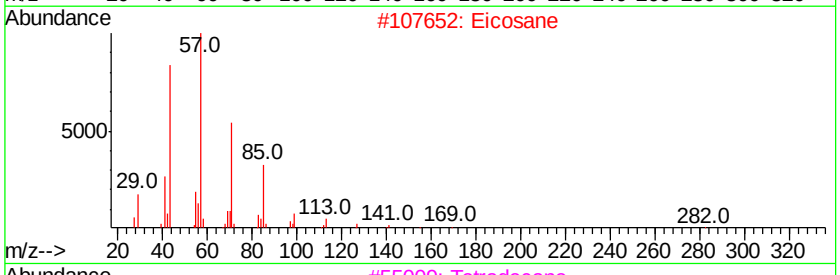
****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

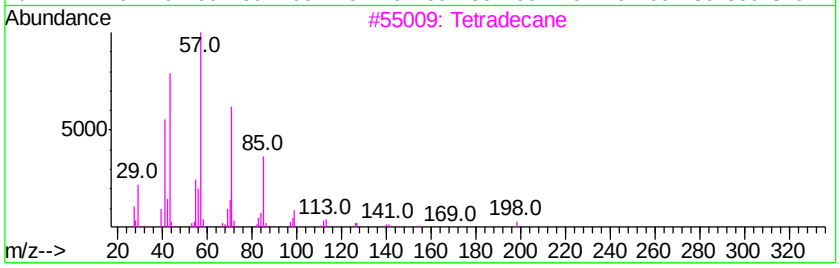
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.37 ng/ul	218241	Phenanthrene-d10	17.02

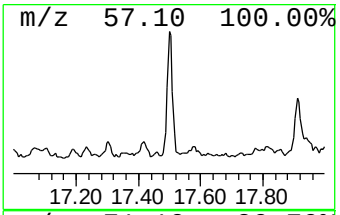
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Nonadecane	268	C19H40	000629-92-5	86

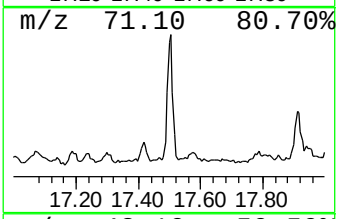


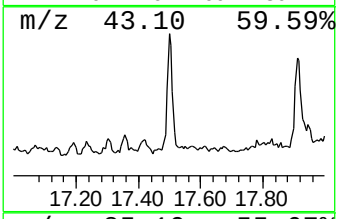


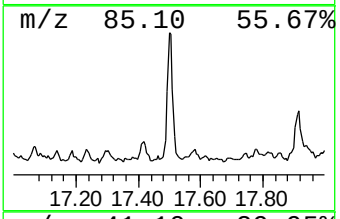


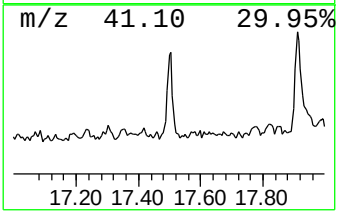












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Data File : BM019497.D
Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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

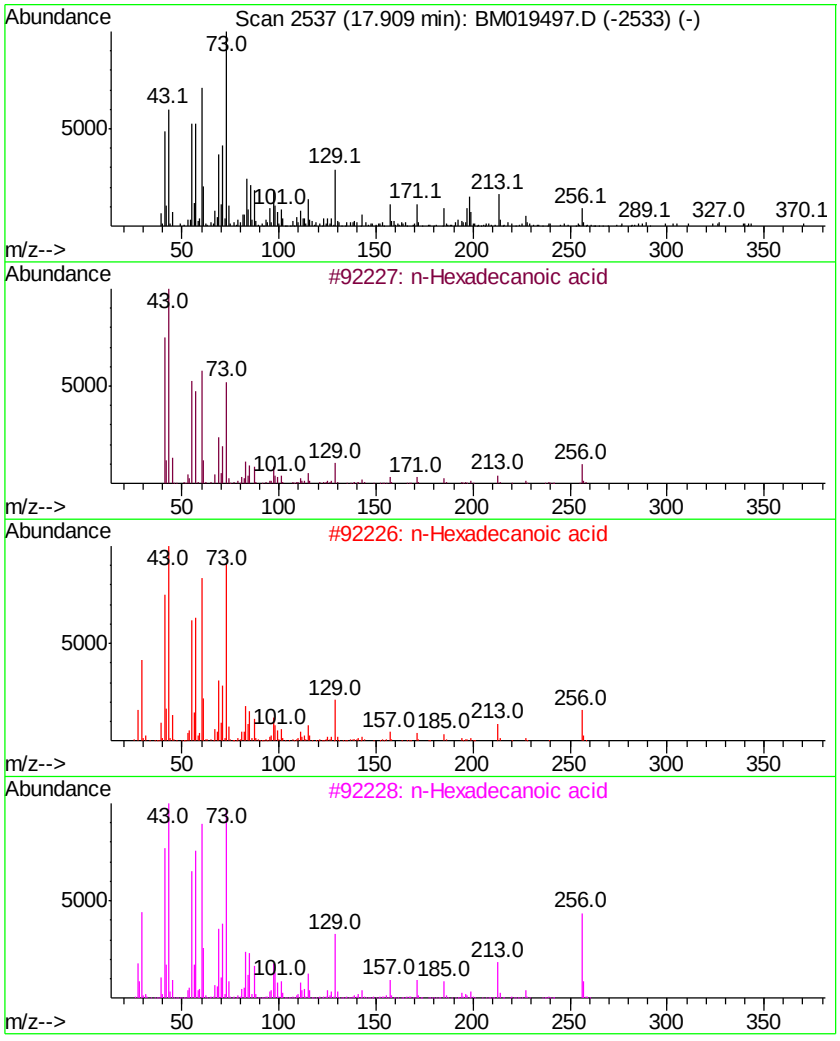
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

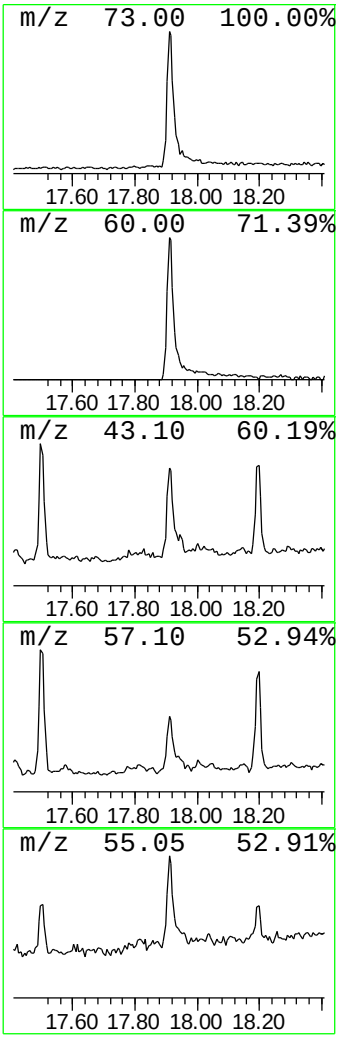
****

Peak Number 23 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.87 ng/ul	448121	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Library Search Compound Report

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Data File : BM019497.D
Acq On : 27 Mar 2019 07:30
Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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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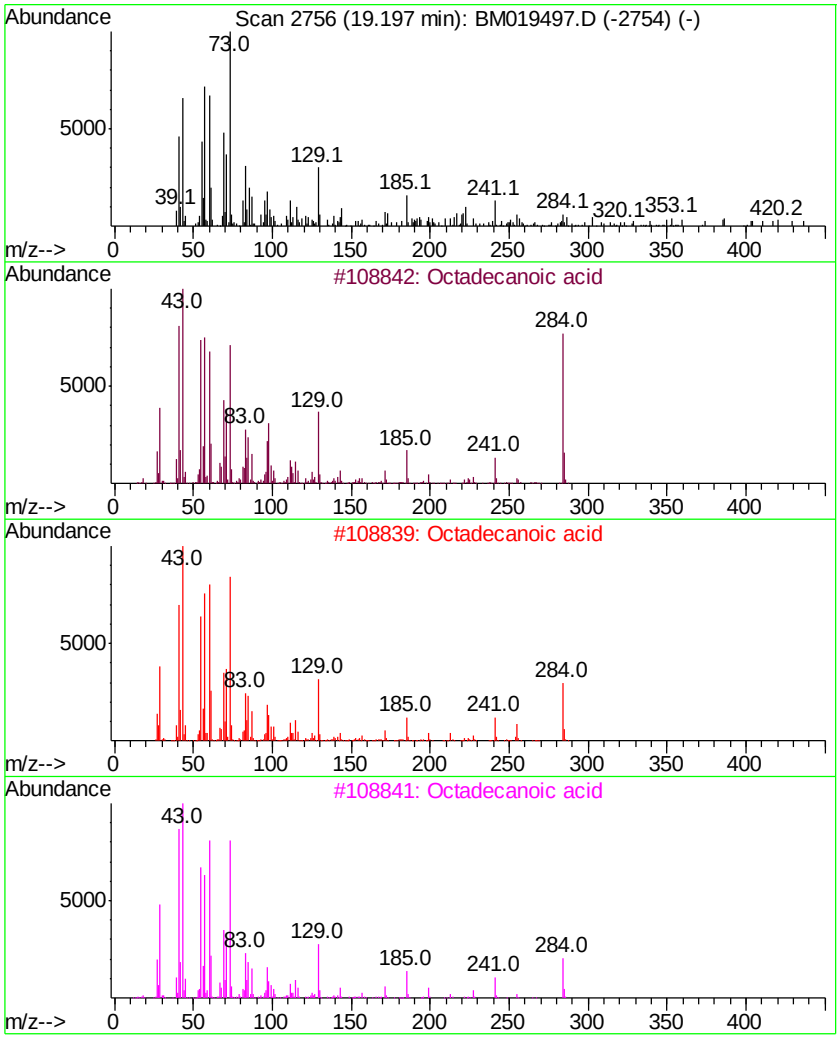
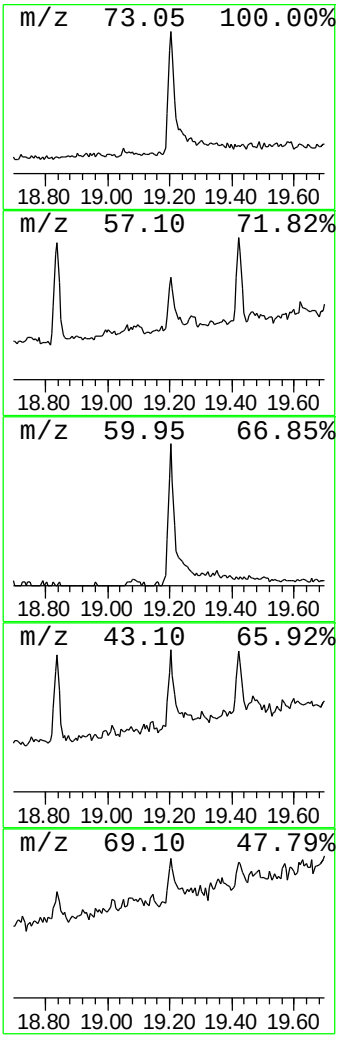
Peak Number 24 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.56 ng/ul	252300	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Docosanoic acid	340	C22H44O2	000112-85-6	74





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Operator : JU/SJ
Sample : K2044-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5W2

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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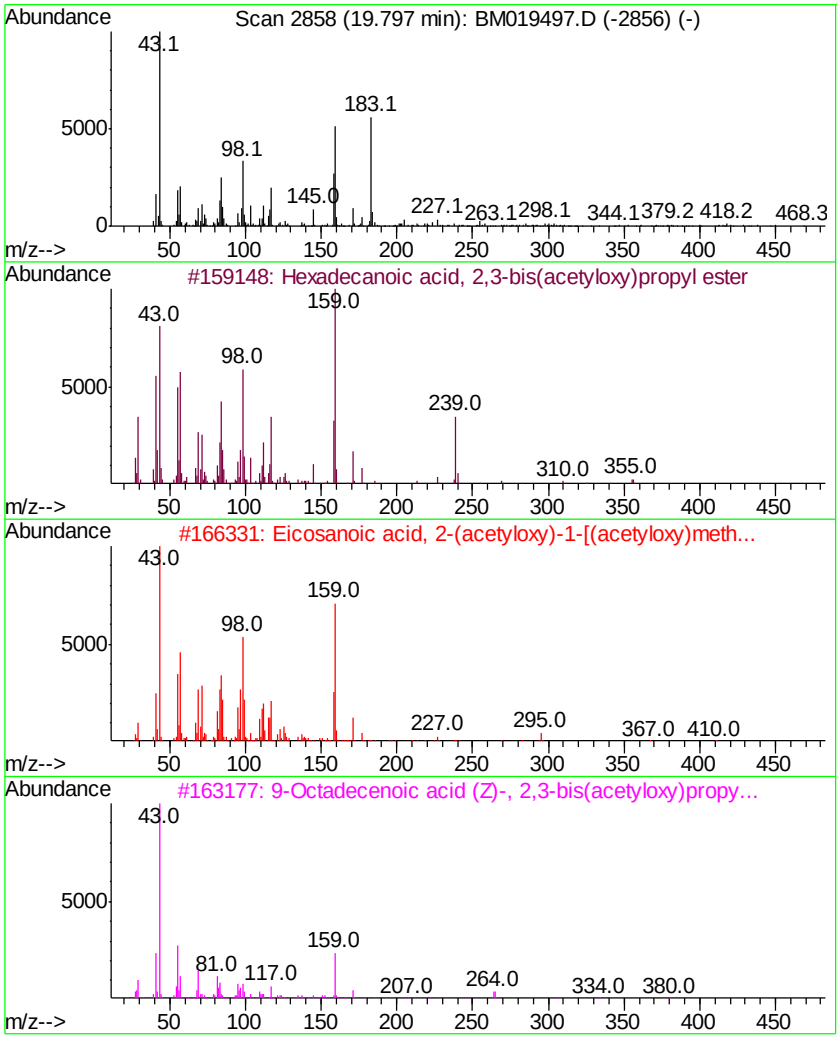
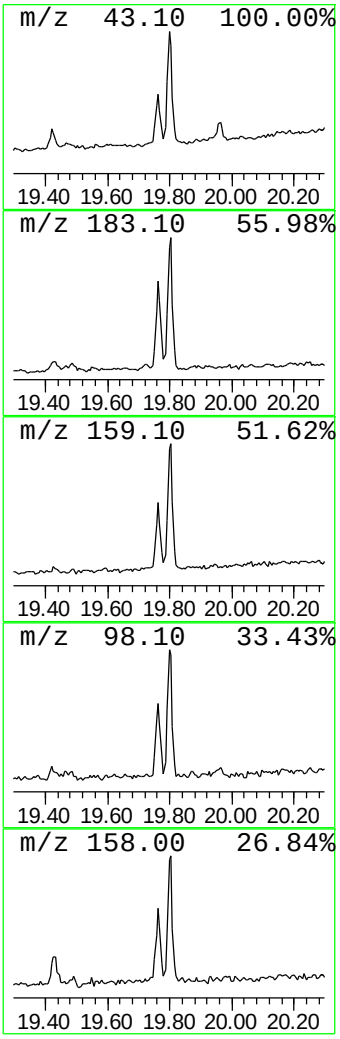
Peak Number 25 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.56 ng/ul	349978	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetyv...	414	C23H42O6	055268-70-7	46
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	40
3	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	27
4	Lauric anhydride	382	C24H46O3	000645-66-9	22
5	1H-Inden-2-amine, N,N-dimethyl-	159	C11H13N	035336-08-4	14





Tentatively Identified Compound (LSC) summary

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Data File : BM019497.D
Acq On : 27 Mar 2019 07:30
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Misc :
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Instrument : BNA_M
ClientSampleId : BF5W2

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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-Pentanone, 4-hy...	4.76	4.2	ng/ul	239296	1	7.60	1148220	20.0
(DEL) Alkane: Cyc...	4.81	2.3	ng/ul	131964	1	7.60	1148220	20.0
(DEL) Alkane: Str...	5.61	3.4	ng/ul	197038	1	7.60	1148220	20.0
(DEL) Alkane: Cyc...	5.86	2.4	ng/ul	135350	1	7.60	1148220	20.0
(DEL) Alkane: Str...	6.14	2.5	ng/ul	144164	1	7.60	1148220	20.0
(DEL) Alkane: Cyc...	6.22	3.3	ng/ul	190210	1	7.60	1148220	20.0
1-Heptanol, 2,4-d...	6.72	2.9	ng/ul	163993	1	7.60	1148220	20.0
(DEL) Alkane: Str...	7.55	3.8	ng/ul	220166	1	7.60	1148220	20.0
Benzene, 1,2,3-tr...	7.70	2.7	ng/ul	157082	1	7.60	1148220	20.0
(DEL) Alkane: Cyc...	8.12	2.9	ng/ul	164339	1	7.60	1148220	20.0
Benzene, 1-ethyl-...	8.22	2.3	ng/ul	133372	1	7.60	1148220	20.0
Benzene, 2-ethyl-...	8.68	2.6	ng/ul	152305	1	7.60	1148220	20.0
Benzene, 1-methyl...	9.78	2.5	ng/ul	196900	2	10.39	1546780	20.0
(DEL) Alkane: Str...	11.79	2.2	ng/ul	167065	2	10.39	1546780	20.0
(DEL) Alkane: Str...	13.06	3.4	ng/ul	319345	3	14.26	1863600	20.0
Naphthalene, 1,8-...	13.57	2.3	ng/ul	209830	3	14.26	1863600	20.0
(DEL) Alkane: Str...	14.14	4.2	ng/ul	389145	3	14.26	1863600	20.0
(DEL) Alkane: Str...	15.10	4.0	ng/ul	373636	3	14.26	1863600	20.0
(DEL) Alkane: Str...	15.97	6.6	ng/ul	607604	4	17.02	1840690	20.0
(DEL) Alkane: Str...	16.76	2.9	ng/ul	269103	4	17.02	1840690	20.0
(DEL) Alkane: Str...	17.50	2.4	ng/ul	218241	4	17.02	1840690	20.0
n-Hexadecanoic acid	17.91	4.9	ng/ul	448121	4	17.02	1840690	20.0
Octadecanoic acid	19.20	2.6	ng/ul	252300	5	21.23	1967840	20.0
unknown-01	19.80	3.6	ng/ul	349978	5	21.23	1967840	20.0