LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

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_N\METHODS\SOM-EPA-BN021220MA.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	3.010	33	38	41	rBV2	23402	40828	0.32%	0.097%
2	3.681	148	152	159	rVB2	17696	32454	0.25%	0.077%
3	6.569	638	643	652	rBV2	67822	139469	1.08%	0.333%
4	6.716	663	668	678	rBV	243015	416073	3.24%	0.993%
5	6.898	694	699	710	rVB	296224	523782	4.07%	1.250%
6	7.351	771	776	784	rBV	305223	513410	3.99%	1.225%
7	7.440	787	791	800	rVB2	42094	75312	0.59%	0.180%
8	8.075	894	899	908	rBV3	205628	365926	2.85%	0.873%
9	8.416	952	957	958	rVB	11190	16590	0.13%	0.040%
10	8.498	966	971	980	rBV	358748	635342	4.94%	1.516%
11	8.922	1041	1043	1047	rVB2	15653	18630	0.14%	0.044%
12	9.210	1085	1092	1098	rBV	307248	538843	4.19%	1.286%
13	9.751	1178	1184	1202	rBV	287474	710870	5.53%	1.696%
14	10.098	1233	1243	1252	rBV	420881	725212	5.64%	1.731%
15	13.422	1802	1808	1815	rBV	805547	1250021	9.72%	2.983%
16	13.475	1815	1817	1823	rVB3	49381	71670	0.56%	0.171%
17	13.680	1846	1852	1859	rBV	930817	1376876	10.71%	3.286%
18	13.998	1900	1906	1917	rVB	656281	986452	7.67%	2.354%
19	14.292	1950	1956	1958	rBV3	30781	58616	0.46%	0.140%
20	14.833	2045	2048	2052	rVB2	12564	14857	0.12%	0.035%
21	15.004	2070	2077	2088	rBV	1236306	1829519	14.23%	4.366%
22	15.174	2100	2106	2114	rBV	353746	632983	4.92%	1.511%
23	15.498	2156	2161	2163	rBV	11347	21127	0.16%	0.050%
24	15.798	2210	2212	2215	rVB	13604	13307	0.10%	0.032%
25	16.210	2281	2282	2286	rVB	13589	12964	0.10%	0.031%
26	16.757	2370	2375	2382	rBV	811138	1110236	8.63%	2.649%
27	16.857	2386	2392	2404	rVB	1416607	2089689	16.25%	4.987%
28	17.445	2489	2492	2497	rVB2	144508	159174	1.24%	0.380%
29	17.692	2529	2534	2541	rBV2	81866	134635	1.05%	0.321%
30	17.880	2562	2566	2570	rBV	111122	135159	1.05%	0.323%
31	18.992	2751	2755	2759	rVB	17104	21930	0.17%	0.052%
32	19.139	2775	2780	2783	rBV	11673827	12858786	100.00%	30.685%
33	19.168	2783	2785	2795	rVB2	1769121	2073409	16.12%	4.948%
34	19.686	2871	2873	2877	rBV4	13651	14591	0.11%	0.035%

LSC Area Percent Report

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Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	20.074	2937	2939	2942	rBV2	11355	15228	0.12%	0.036%
36	20.198	2955	2960	2965	rBV	5438259	5633626	43.81%	13.444%
37	20.498	3009	3011	3015	rBV	16003	16843	0.13%	0.040%
38	20.721	3045	3049	3057	rBV3	293537	428863	3.34%	1.023%
39	20.780	3057	3059	3066	rVB3	30281	47870	0.37%	0.114%
40	20.986	3089	3094	3102	rBV	867232	1160292	9.02%	2.769%
41	21.115	3113	3116	3120	rVB2	71802	90725	0.71%	0.217%
42	21.586	3193	3196	3203	rVB3	63092	88419	0.69%	0.211%
43	22.009	3265	3268	3274	rVB2	114483	128961	1.00%	0.308%
44	22.127	3283	3288	3294	rVB	429935	548020	4.26%	1.308%
45	22.474	3344	3347	3353	rVB2	115112	152768	1.19%	0.365%
46	22.945	3421	3427	3432	rBV	1374355	2313413	17.99%	5.521%
47	23.074	3443	3449	3457	rVB	667665	1211945	9.43%	2.892%
48	23.562	3528	3532	3539	rVB4	134796	233264	1.81%	0.557%
49	24.221	3640	3644	3650	rVB	119726	216304	1.68%	0.516%

Sum of corrected areas: 41905283

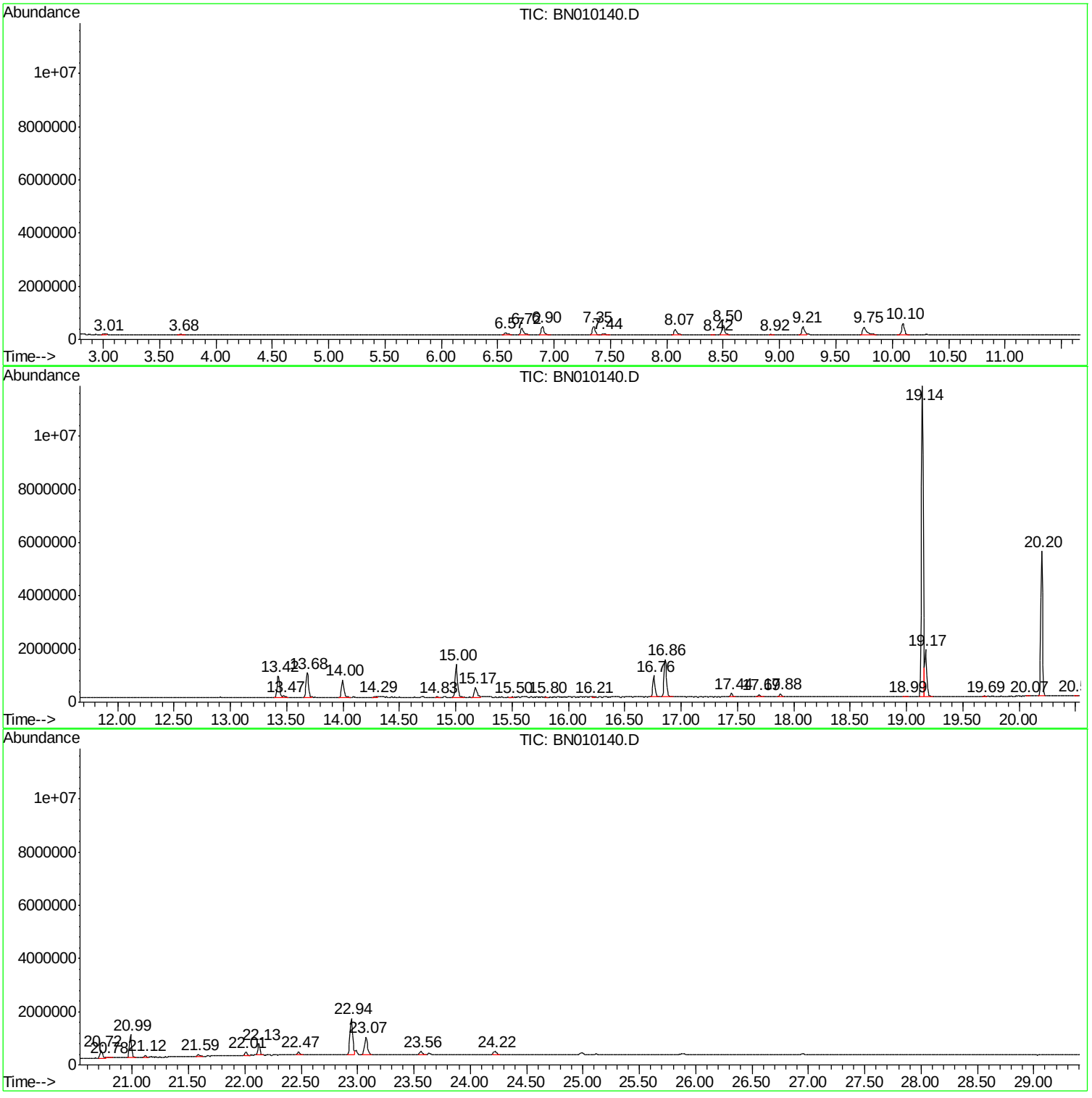
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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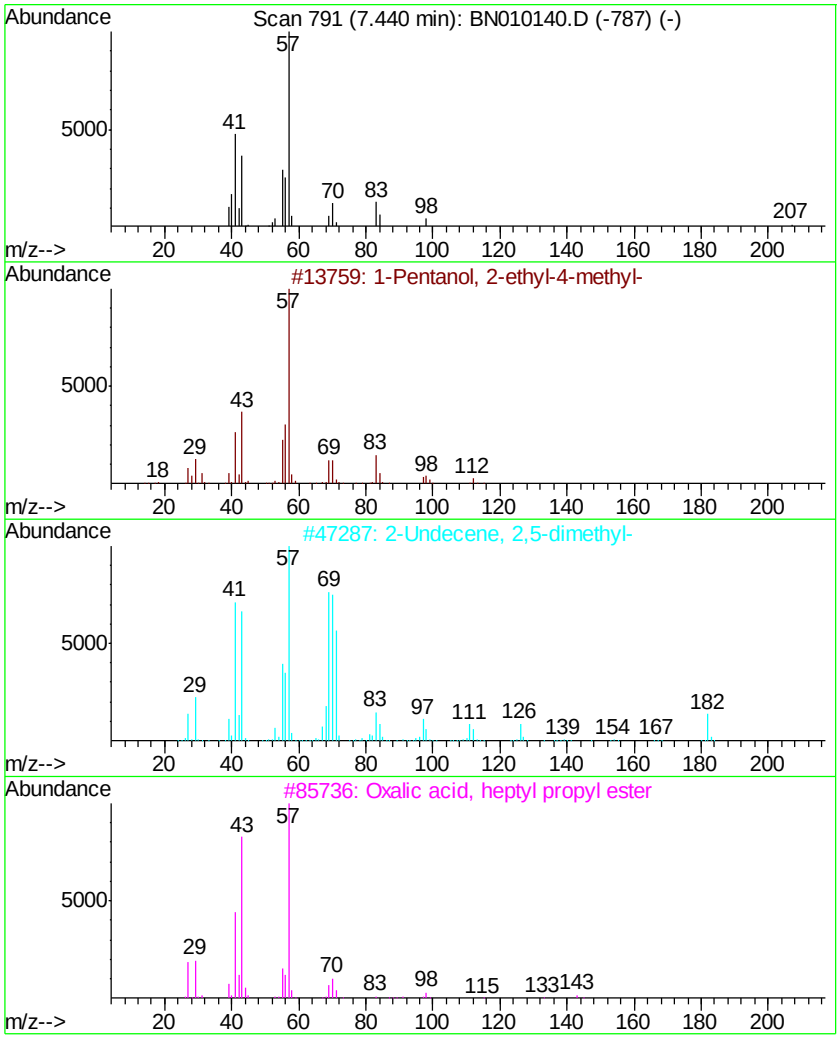
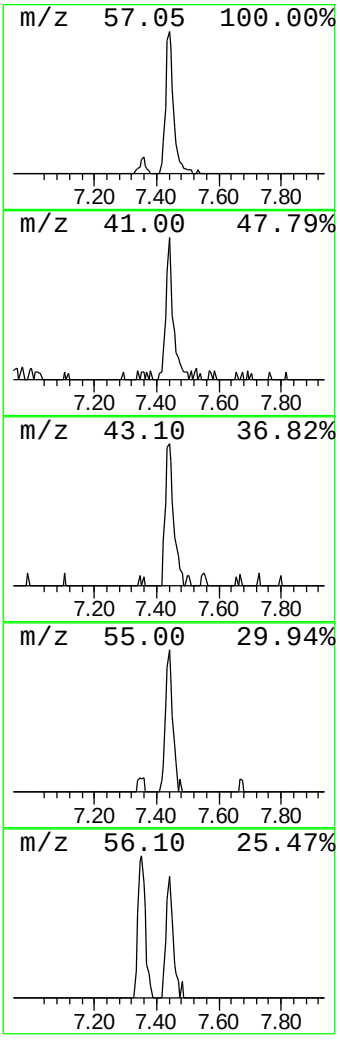
Peak Number 1 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	2.93 ng/ul	75312	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
2	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	45
3	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	42
4	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	42
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

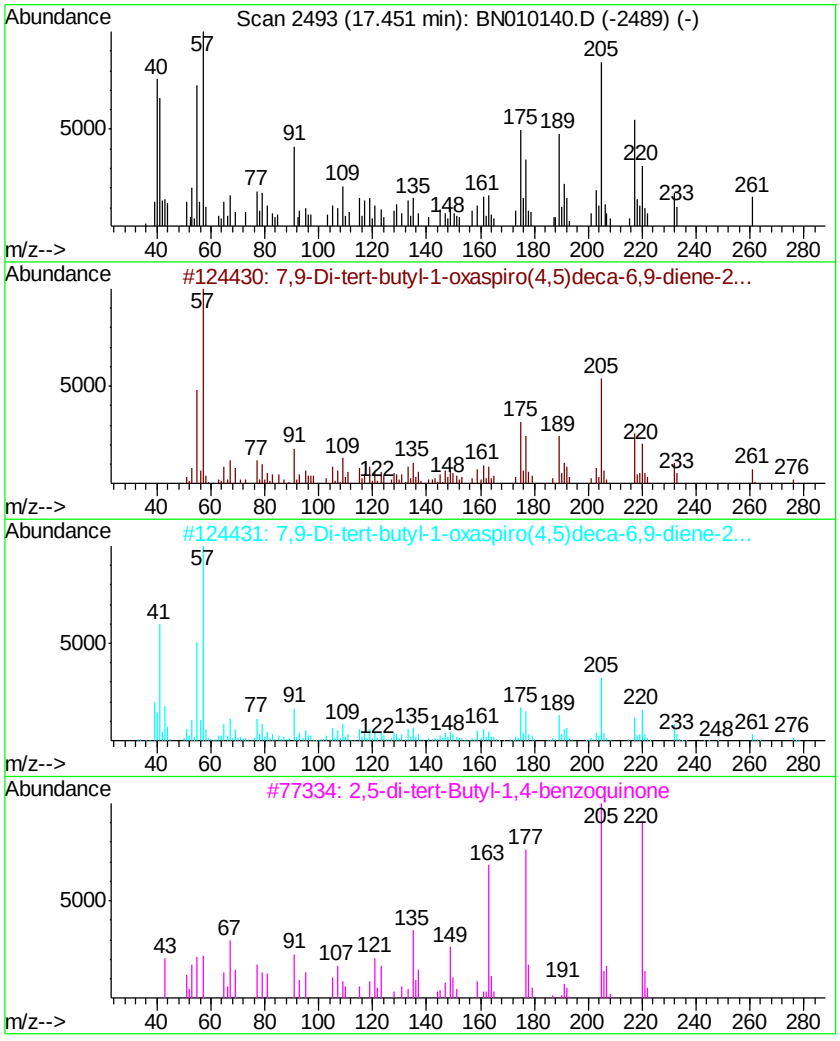
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

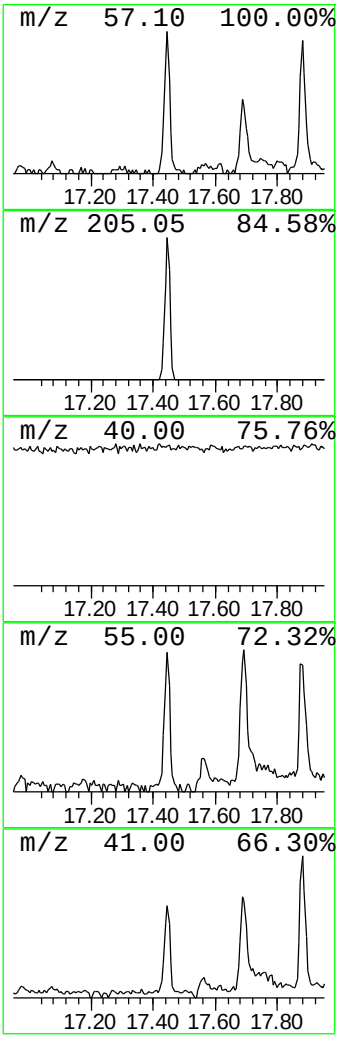
****

Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.87 ng/ul	159174	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	52
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	41
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

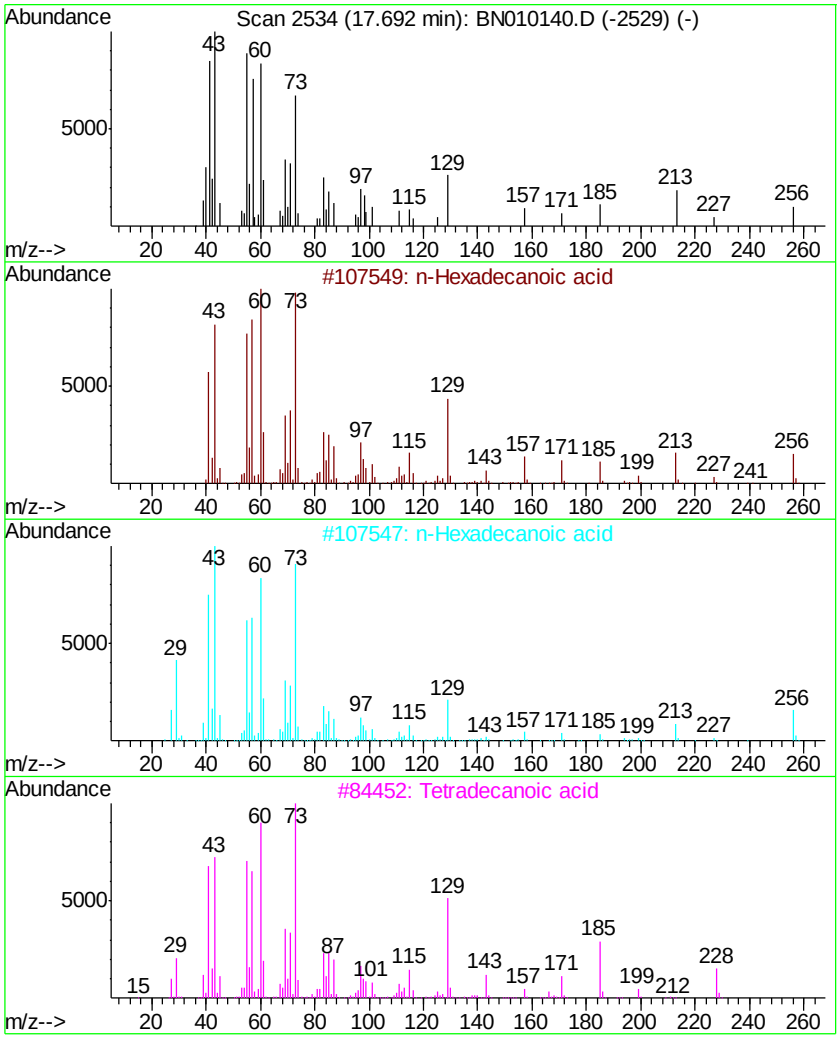
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

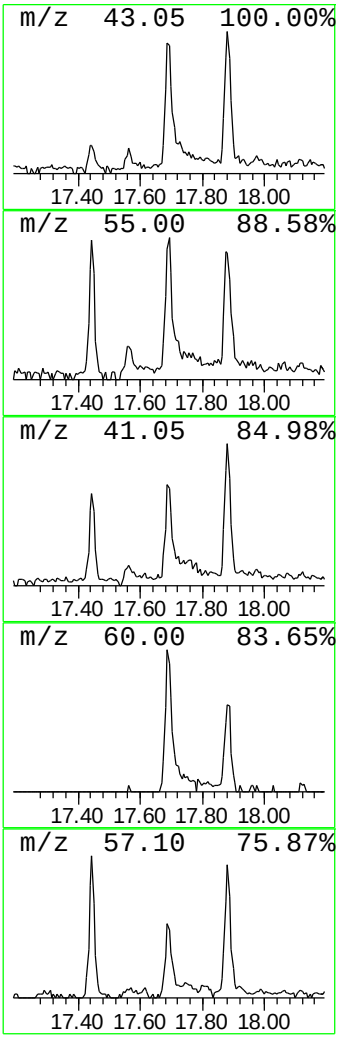
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.43 ng/ul	134635	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

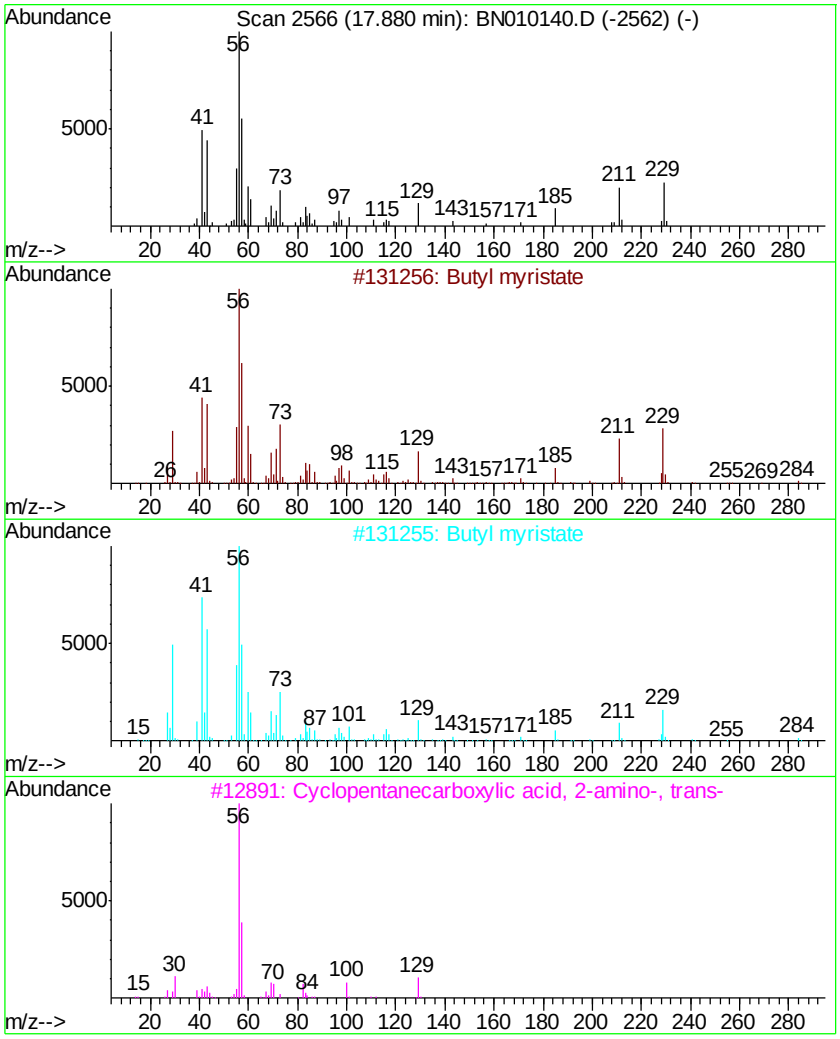
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

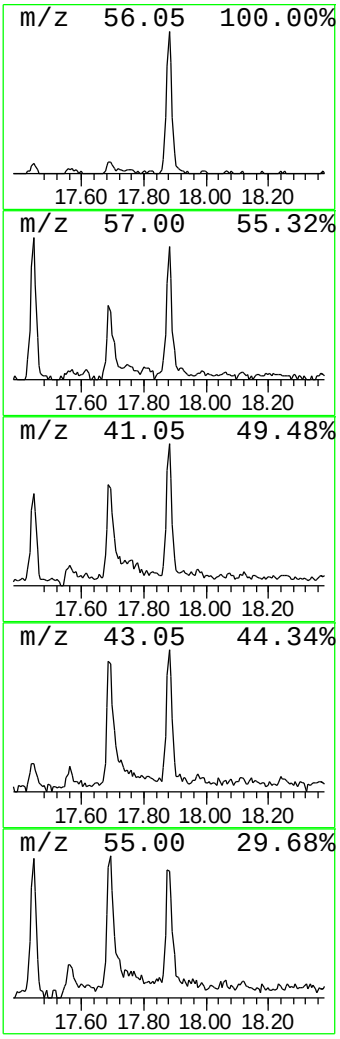
****

Peak Number 4 Butyl myristate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.43 ng/ul	135159	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	59
2	Butyl myristate	284	C18H36O2	000110-36-1	43
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
5	Myristic acid isobutyl ester	284	C18H36O2	025263-97-2	32





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Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

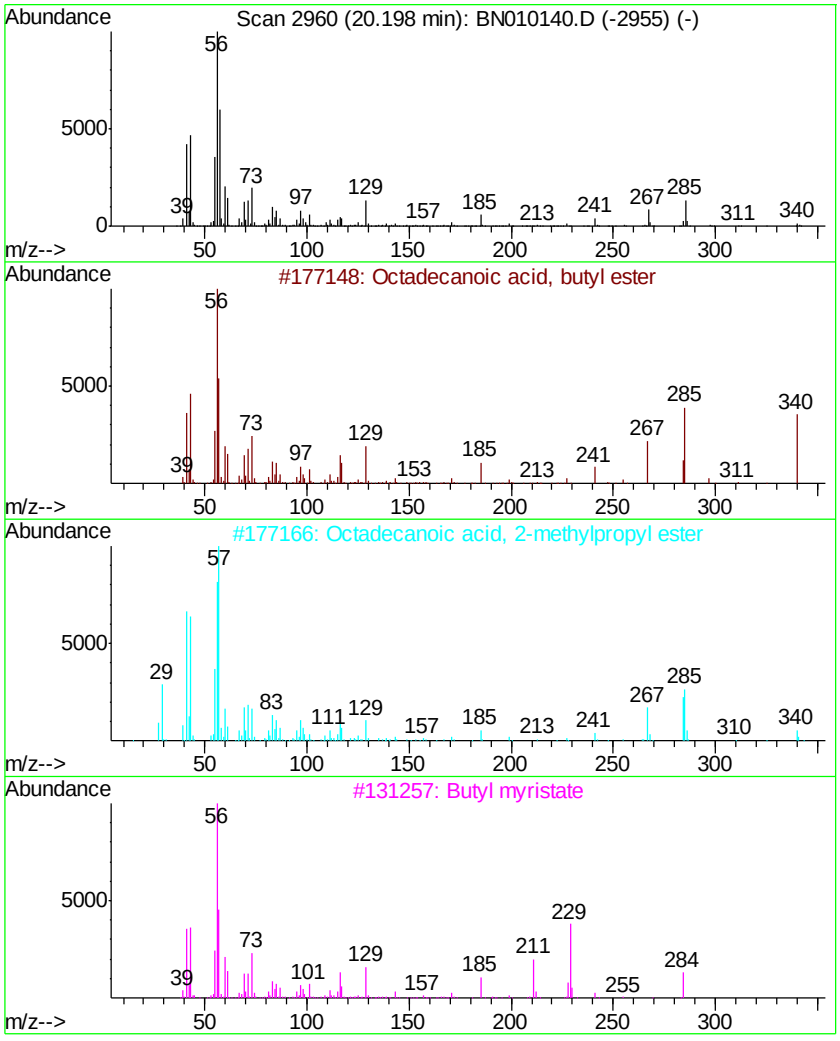
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

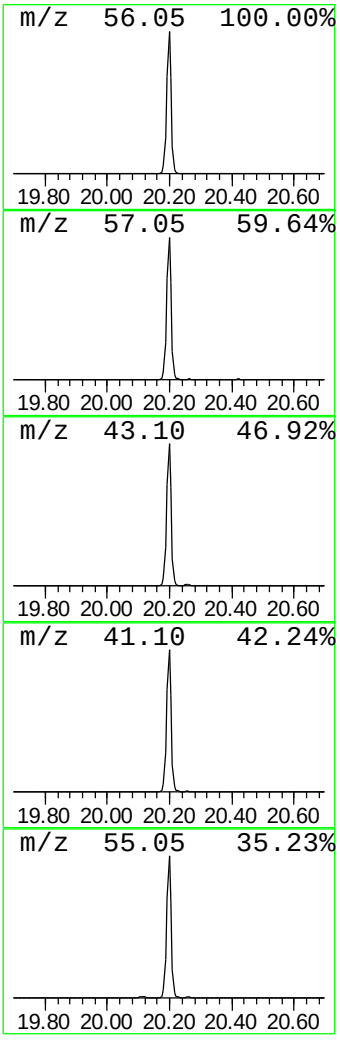
****

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	97.11 ng/ul	5633630	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	87
3	Butyl myristate	284	C18H36O2	000110-36-1	80
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	46





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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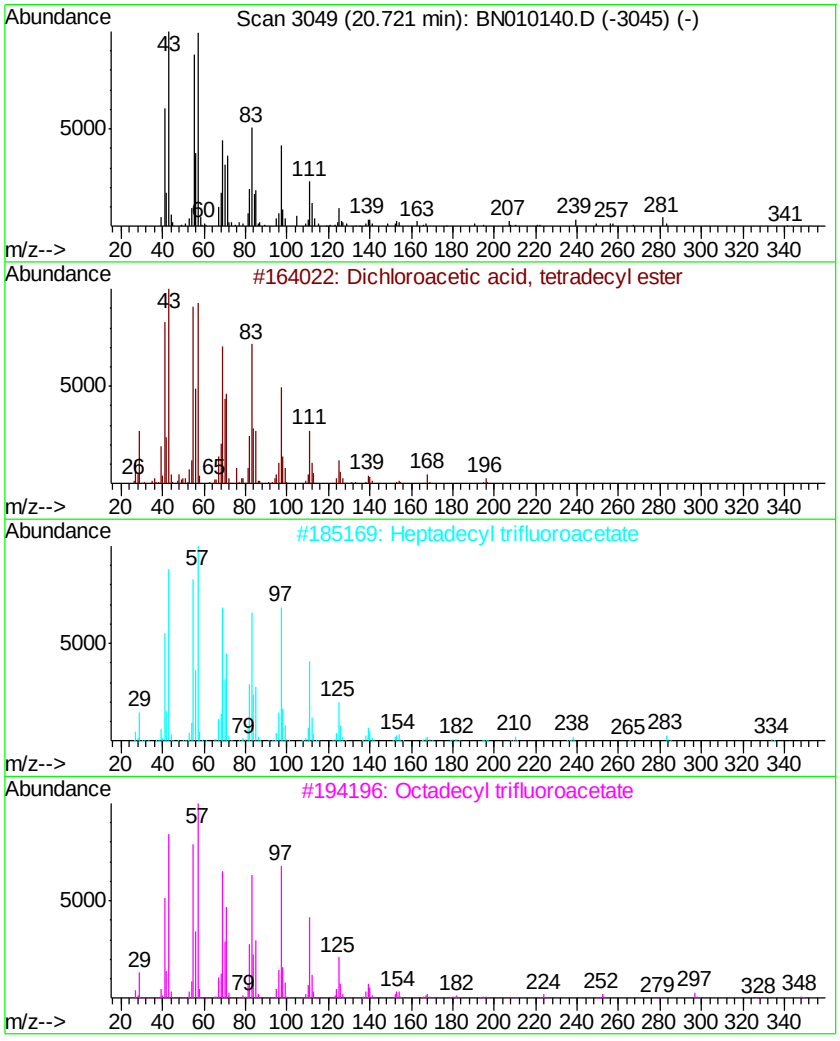
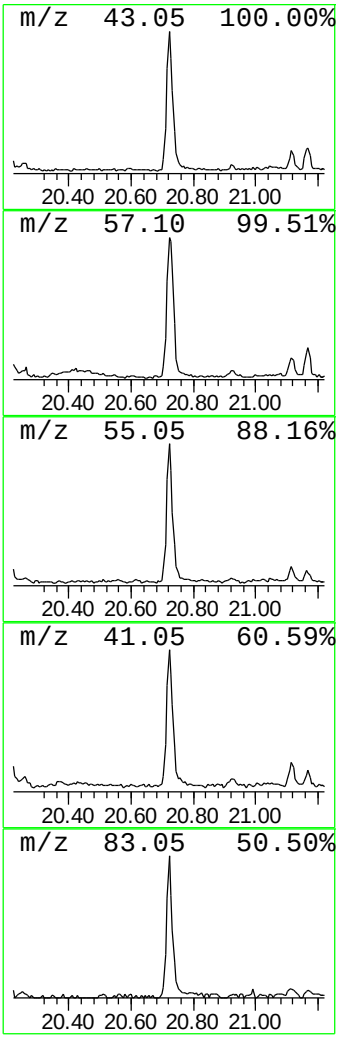
Peak Number 6 Dichloroacetic acid, tetrad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	7.39 ng/ul	428863	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





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ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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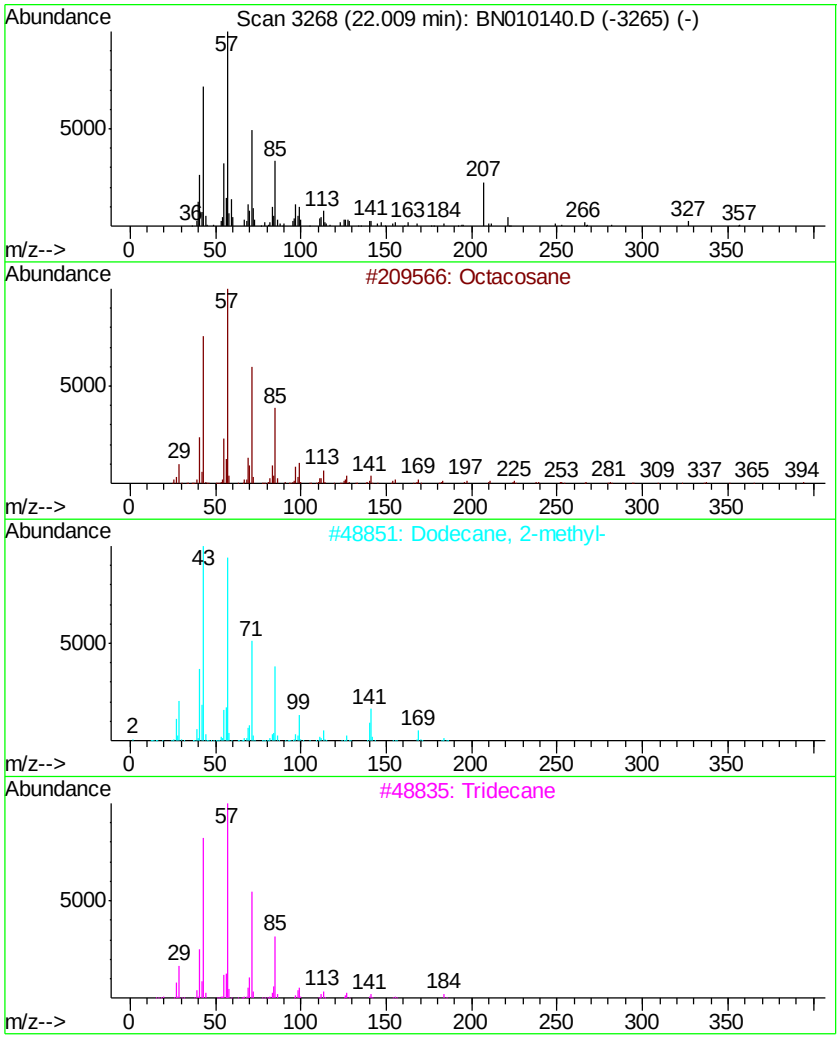
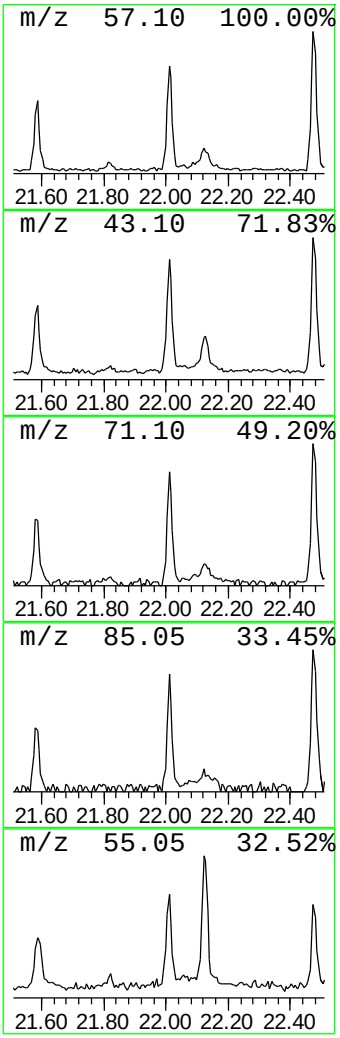
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	2.22 ng/ul	128961	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	70
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
3	Tridecane	184	C13H28	000629-50-5	55
4	10-Methylnonadecane	282	C20H42	056862-62-5	53
5	Hexatriacontane	507	C36H74	000630-06-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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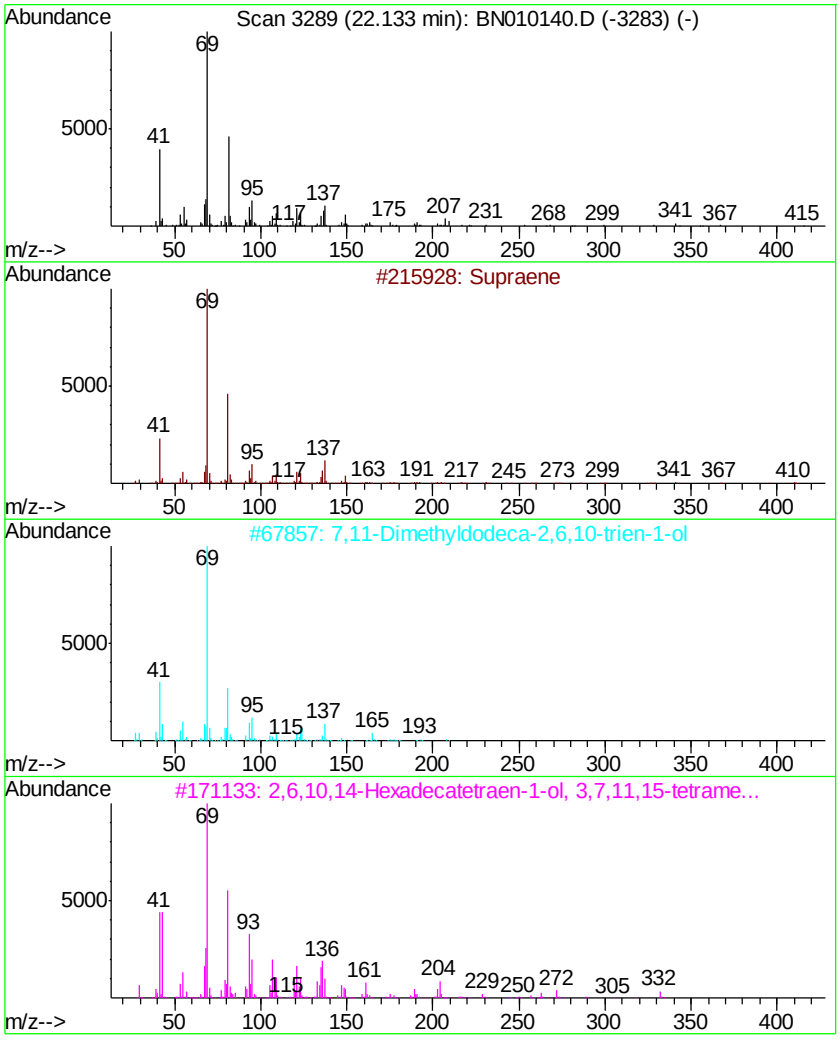
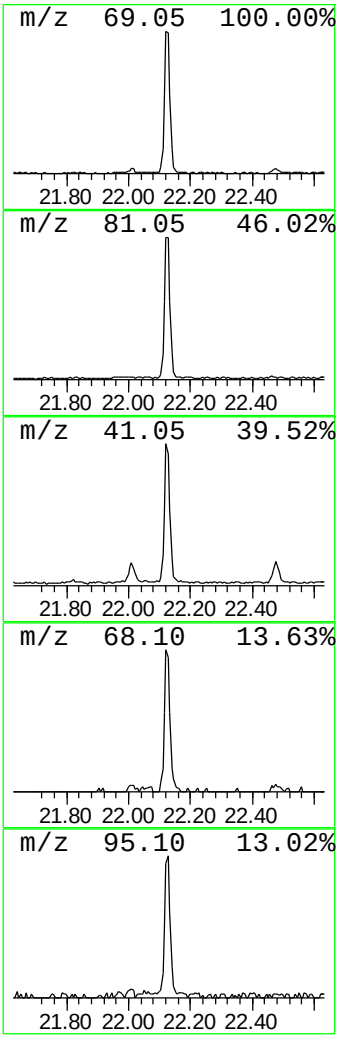
Peak Number 8 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	9.04 ng/ul	548020	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
3	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72
4	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64
5	trans-Farnesol	222	C15H26O	000106-28-5	64





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Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

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Quant Title : SVOA CALIBRATION

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

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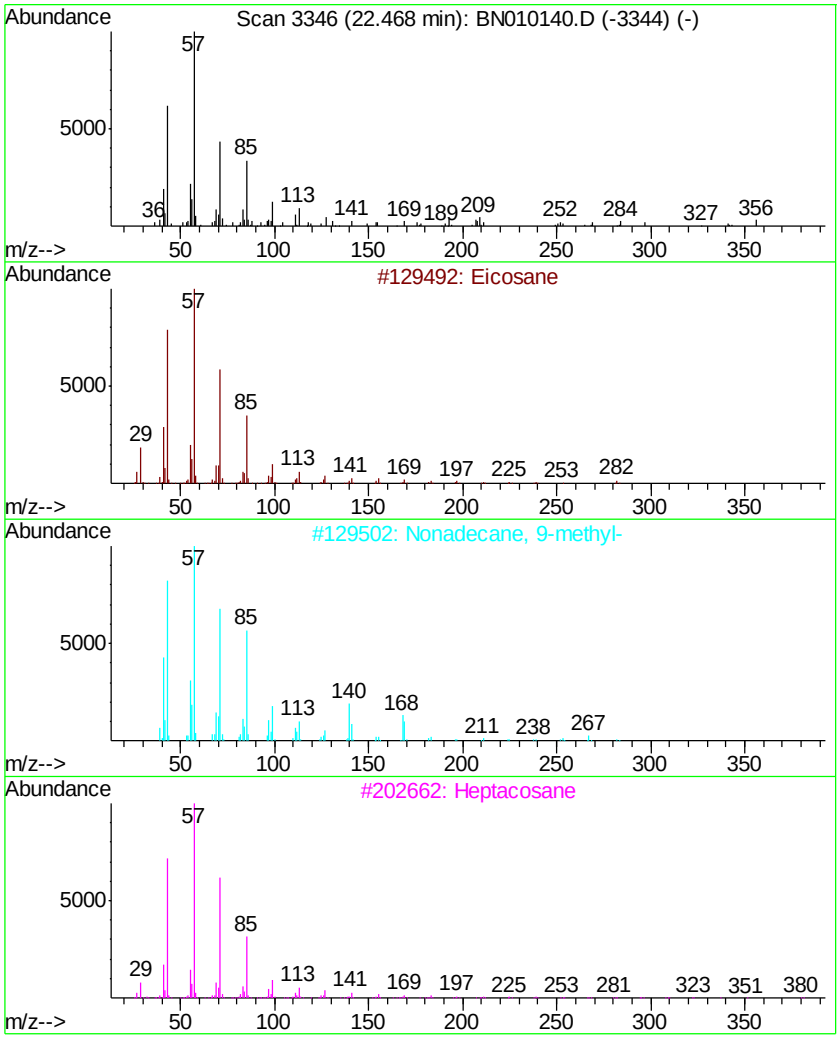
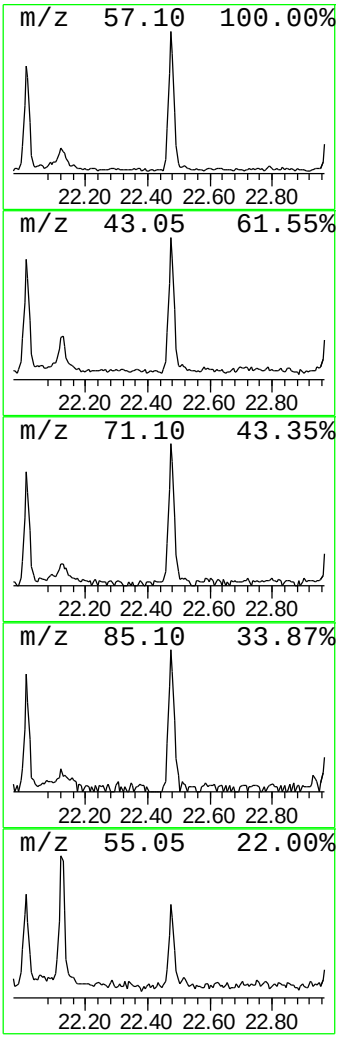
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.52 ng/ul	152768	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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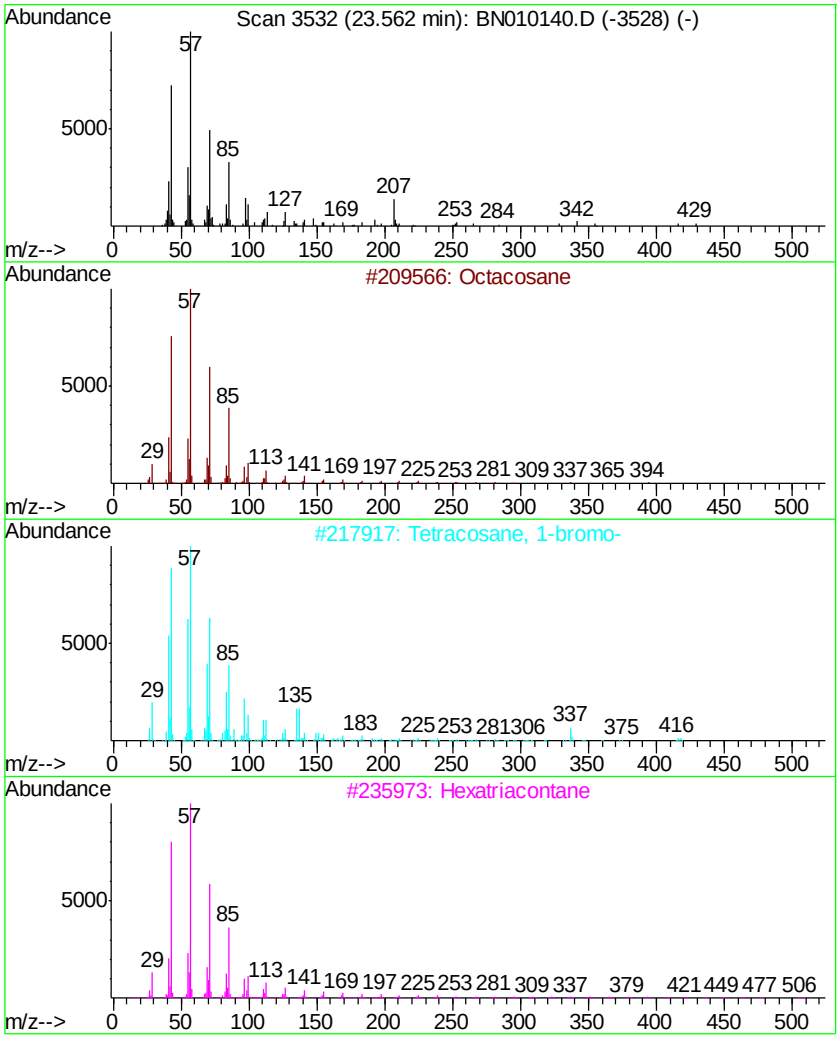
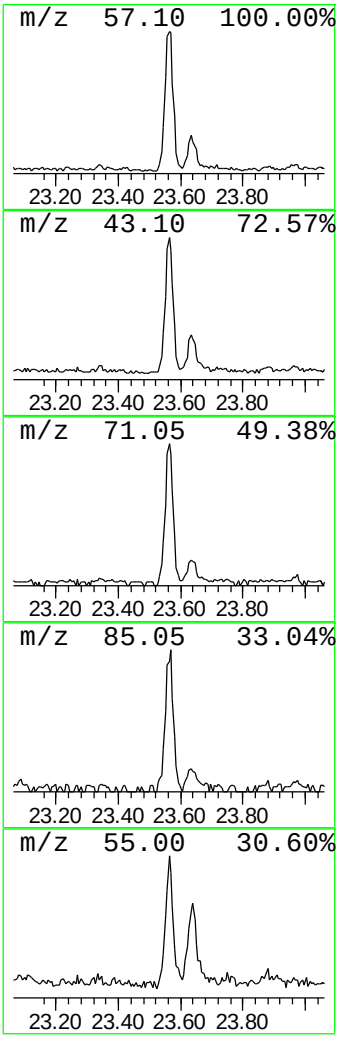
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	3.85 ng/ul	233264	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	76
3	Hexatriacontane	507	C36H74	000630-06-8	74
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	74
5	Hentriacontane	437	C31H64	000630-04-6	72





Library Search Compound Report

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Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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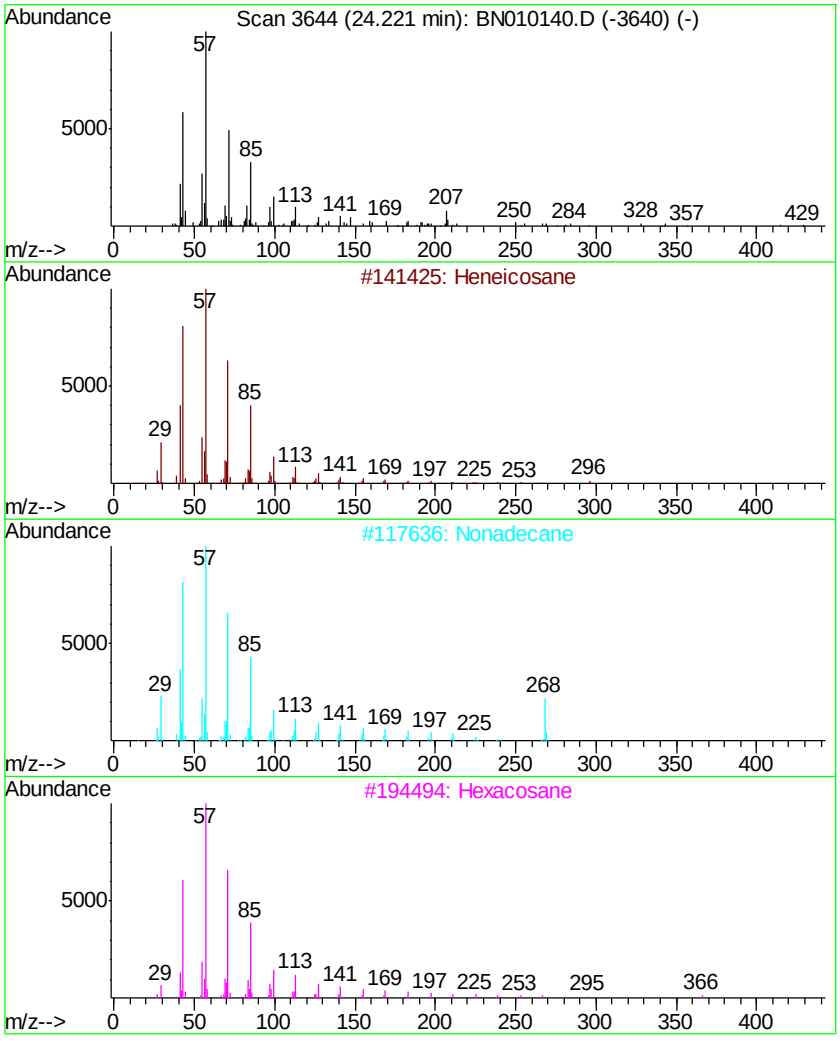
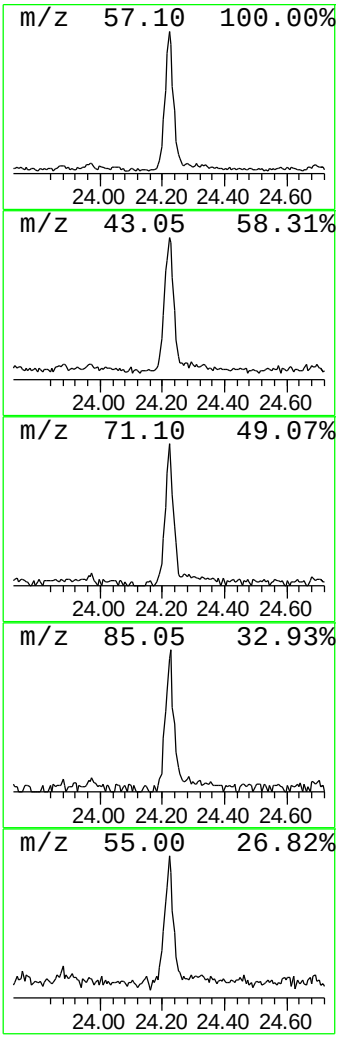
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	3.57 ng/ul	216304	Perylene-d12	23.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Nonadecane	268	C19H40	000629-92-5	76
3	Hexacosane	366	C26H54	000630-01-3	74
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030620\
Data File : BN010140.D
Acq On : 07 Mar 2020 03:45
Operator : CG/JU
Sample : L1782-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentanol, 2-eth...	7.44	2.9	ng/ul	75312	1	7.35	513410	20.0
7,9-Di-tert-butyl...	17.45	2.9	ng/ul	159174	4	16.76	1110240	20.0
n-Hexadecanoic acid	17.69	2.4	ng/ul	134635	4	16.76	1110240	20.0
Butyl myristate	17.88	2.4	ng/ul	135159	4	16.76	1110240	20.0
Octadecanoic acid...	20.20	97.1	ng/ul	5633630	5	20.99	1160290	20.0
Dichloroacetic ac...	20.72	7.4	ng/ul	428863	5	20.99	1160290	20.0
(DEL) Alkane: Str...	22.01	2.2	ng/ul	128961	5	20.99	1160290	20.0
Supraene	22.13	9.0	ng/ul	548020	6	23.07	1211950	20.0
(DEL) Alkane: Str...	22.47	2.5	ng/ul	152768	6	23.07	1211950	20.0
(DEL) Alkane: Str...	23.56	3.9	ng/ul	233264	6	23.07	1211950	20.0
(DEL) Alkane: Str...	24.22	3.6	ng/ul	216304	6	23.07	1211950	20.0