LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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	3.357	7	12	24	rVB	942741	1341265	6.28%	0.676%
2	3.657	59	63	70	rBV	158957	231994	1.09%	0.117%
3	7.592	725	732	736	rBV	310953	497502	2.33%	0.251%
4	7.645	736	741	748	rVB	764304	1240329	5.81%	0.626%
5	7.828	765	772	784	rVB	2098376	3332465	15.60%	1.681%
6	8.045	799	809	817	rBV	2270560	3786587	17.73%	1.910%
7	8.522	882	890	895	rBV	1746060	3033162	14.20%	1.530%
8	8.569	895	898	909	rVB	393038	566139	2.65%	0.286%
9	9.222	1000	1009	1020	rBV	1898194	3188394	14.93%	1.608%
10	9.633	1071	1079	1084	rBV	196469	360162	1.69%	0.182%
11	9.704	1084	1091	1109	rVB	2506842	4533419	21.23%	2.286%
12	10.069	1145	1153	1167	rVB	171286	287344	1.35%	0.145%
13	10.439	1201	1216	1226	rBV	2115732	3745940	17.54%	1.889%
14	10.975	1298	1307	1318	rBV	3107223	5183795	24.27%	2.614%
15	11.251	1348	1354	1366	rVV	200059	365290	1.71%	0.184%
16	11.369	1366	1374	1388	rVB	2538503	4392596	20.57%	2.215%
17	13.733	1771	1776	1779	rBV	153088	230290	1.08%	0.116%
18	14.045	1823	1829	1836	rBV	218322	346181	1.62%	0.175%
19	14.515	1902	1909	1916	rBV	5814657	8183243	38.32%	4.127%
20	14.827	1955	1962	1971	rBV	6488090	9663942	45.25%	4.874%
21	15.127	2005	2013	2020	rBV2	3654945	5637253	26.40%	2.843%
22	15.280	2033	2039	2049	rBV	762191	1132906	5.30%	0.571%
23	16.104	2171	2179	2188	rBV	8484035	11936268	55.89%	6.020%
24	16.204	2188	2196	2206	rBV	2784087	3762379	17.62%	1.897%
25	17.839	2467	2474	2484	rBV	4739984	6641438	31.10%	3.349%
26	17.939	2484	2491	2501	rVV	9143371	12835167	60.10%	6.473%
27	18.462	2575	2580	2586	rBV	510559	687068	3.22%	0.346%
28	18.662	2609	2614	2624	rBV	371743	531729	2.49%	0.268%
29	19.815	2804	2810	2818	rVB	132866	231141	1.08%	0.117%
30	19.903	2821	2825	2837	rBV	483418	758317	3.55%	0.382%
31	20.174	2865	2871	2881	rBV	10890637	14541022	68.09%	7.333%
32	20.680	2953	2957	2962	rVB	265092	299676	1.40%	0.151%
33	21.039	3014	3018	3023	rBV	1346375	1498363	7.02%	0.756%
34	21.291	3057	3061	3067	rBV	707137	789900	3.70%	0.398%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

35	21.856	3153	3157	3162	rVB	1232530	1449762	6.79%	0.731%
36	21.927	3163	3169	3177	rVV	5515761	7479661	35.02%	3.772%
37	22.433	3251	3255	3261	rBV	1456470	1950801	9.13%	0.984%
38	23.056	3357	3361	3373	rVB	1363689	2184011	10.23%	1.101%
39	23.580	3446	3450	3455	rVB	418081	638121	2.99%	0.322%
40	23.756	3475	3480	3488	rVB	1178080	2145144	10.04%	1.082%
41	24.262	3554	3566	3577	rVB	6889069	15119582	70.79%	7.625%
42	24.415	3585	3592	3603	rVB2	3434675	7032109	32.93%	3.546%
43	24.562	3611	3617	3627	rVB	1165143	2620112	12.27%	1.321%
44	24.956	3678	3684	3692	rVB	744238	1551449	7.26%	0.782%
45	25.521	3773	3780	3792	rVB	1765634	4680858	21.92%	2.361%
46	25.809	3823	3829	3841	rVB	879610	2157203	10.10%	1.088%
47	26.679	3968	3977	3991	rVB	3205624	10368906	48.55%	5.229%
48	26.815	3995	4000	4012	rVB	684648	1763360	8.26%	0.889%
49	28.097	4207	4218	4237	rVB	5230924	21357096	100.00%	10.771%

Sum of corrected areas: 198290841

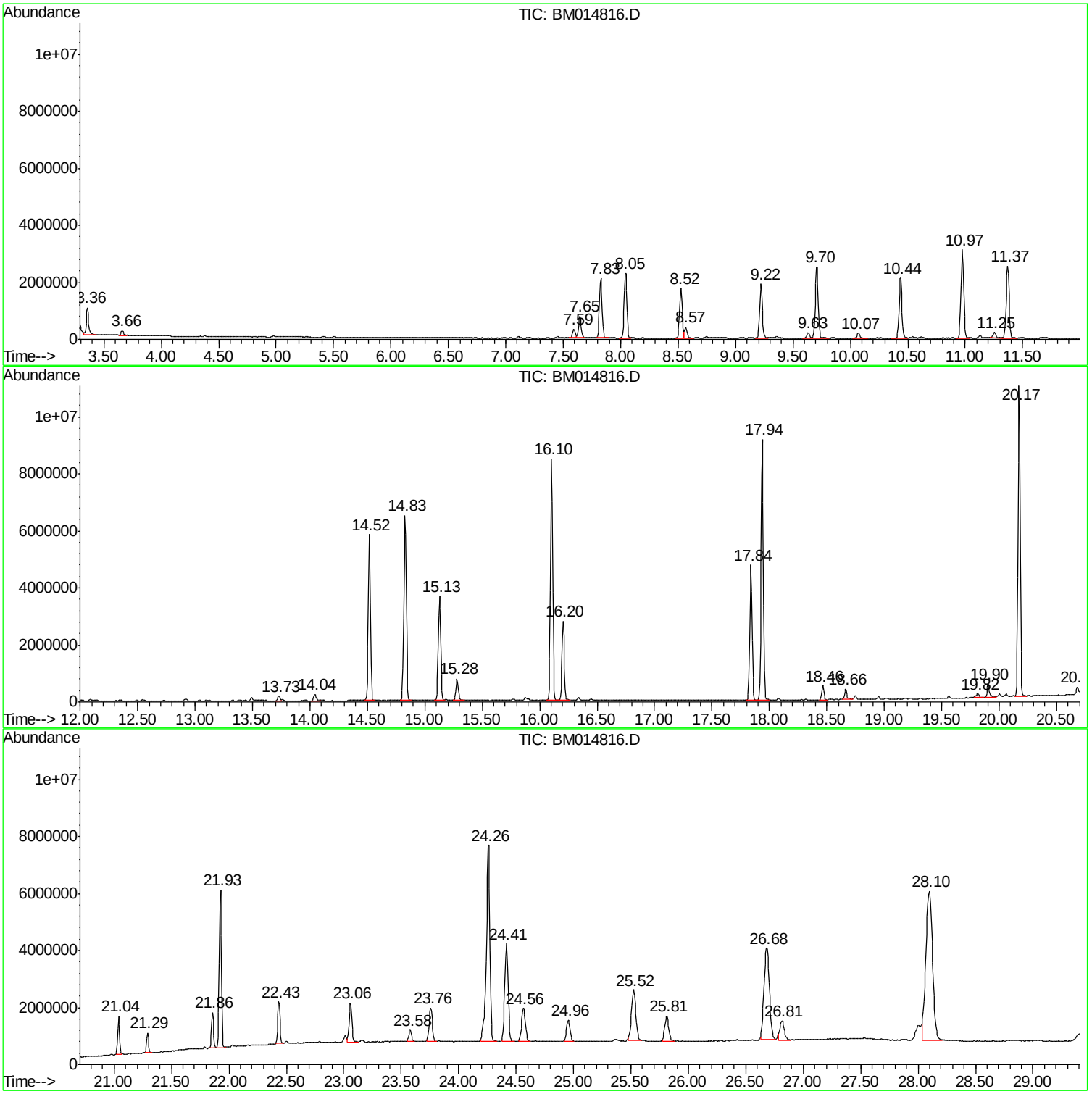
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

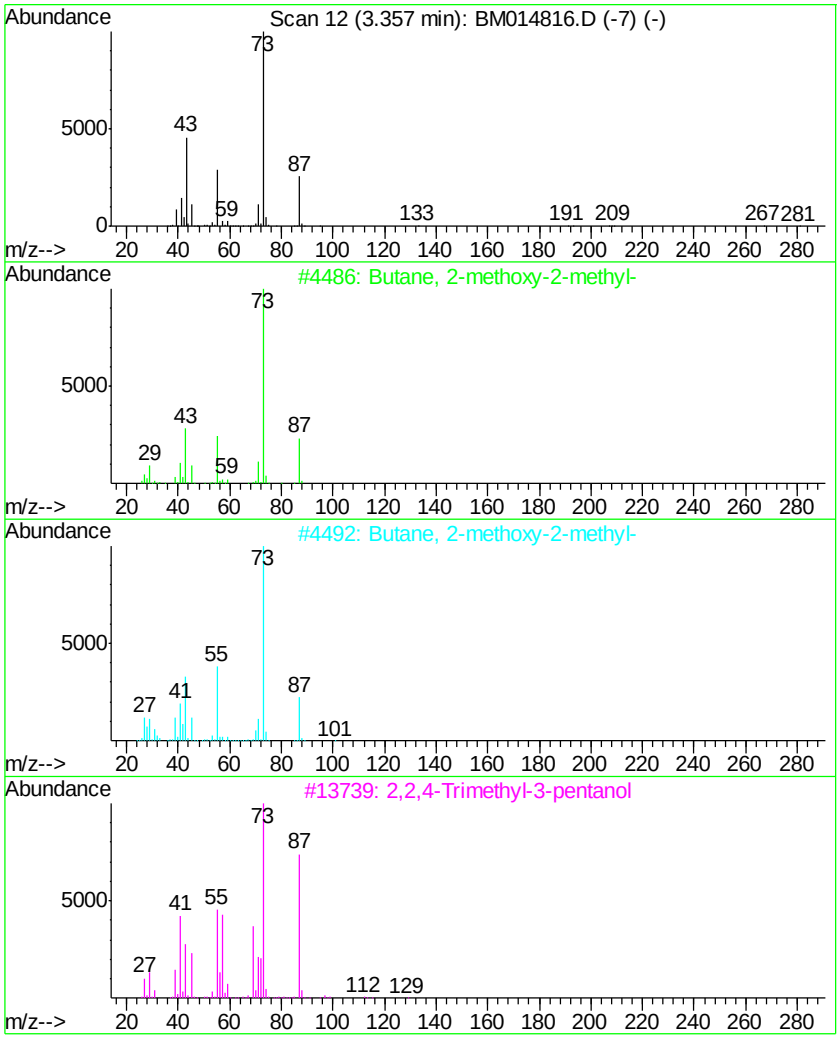
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

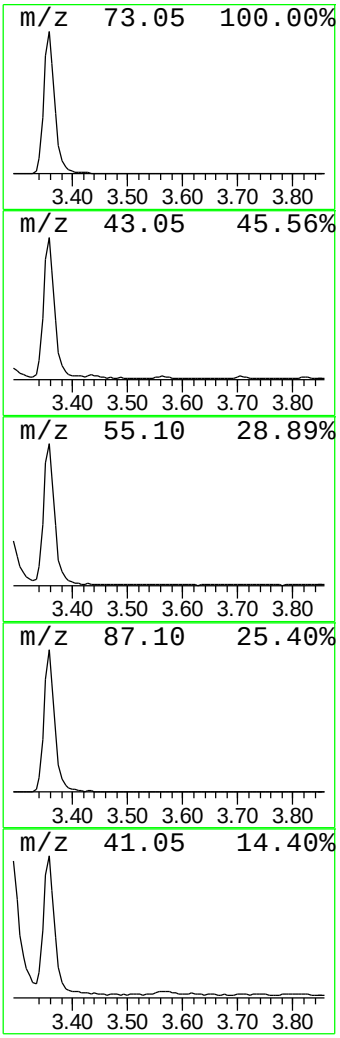
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	8.84 ng/ul	1341270	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

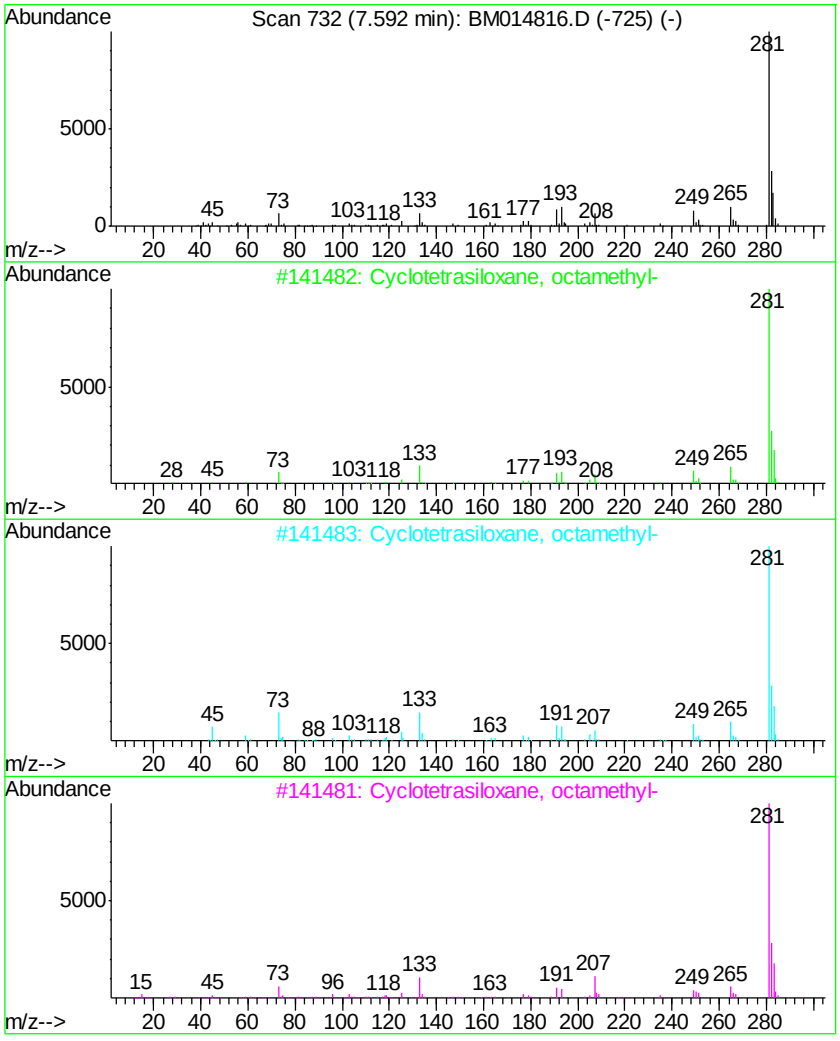
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

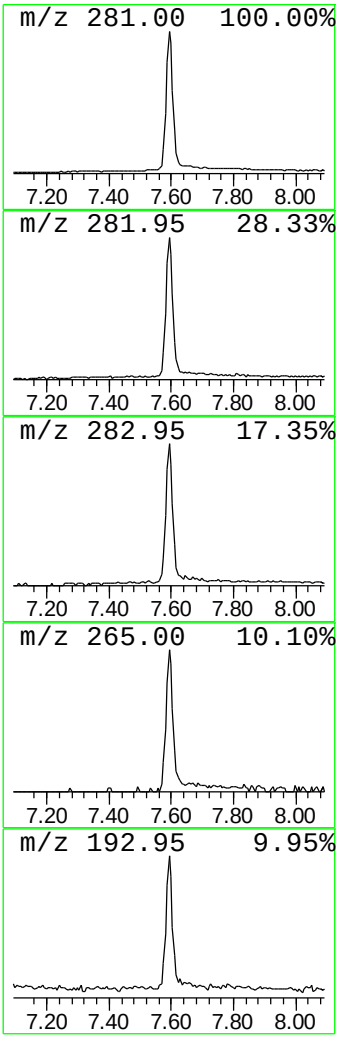
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.28 ng/ul	497502	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
4	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64
5	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

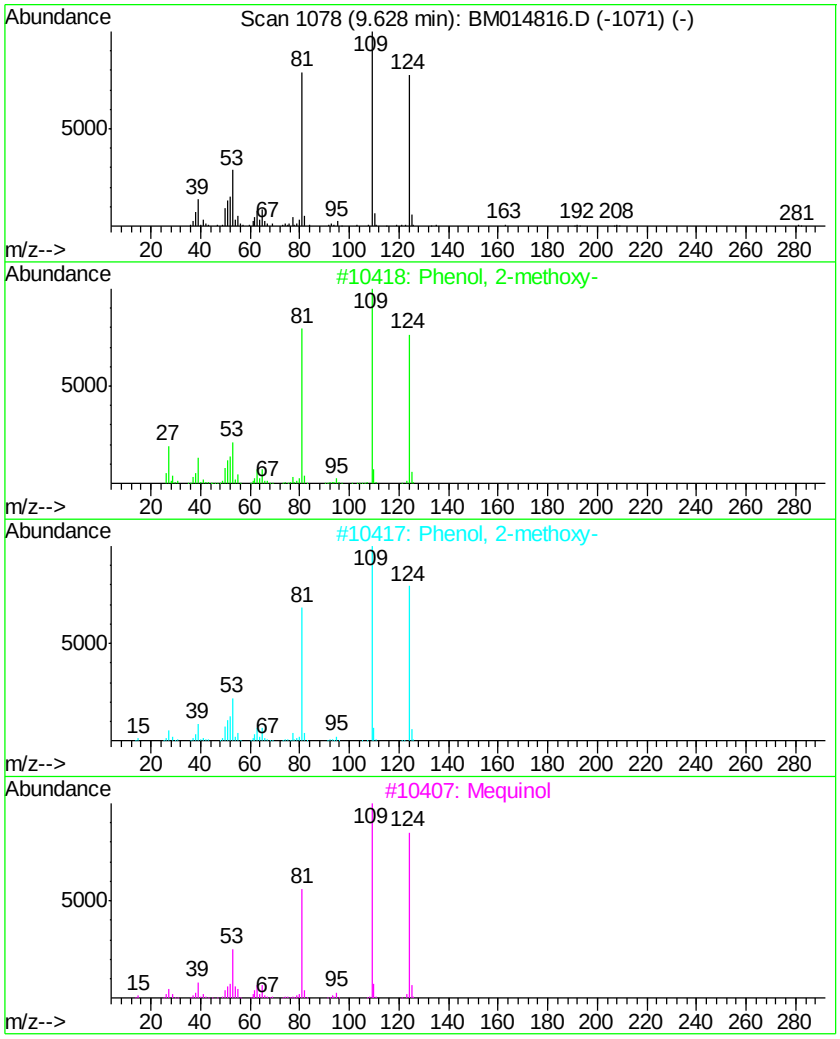
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

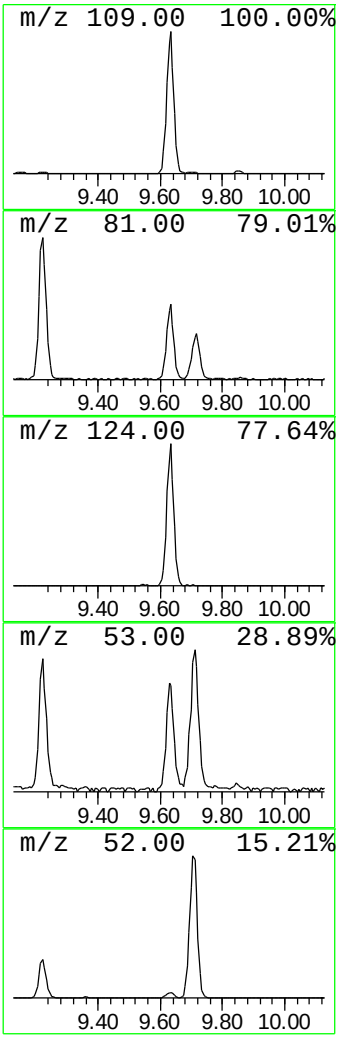
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.37 ng/ul	360162	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

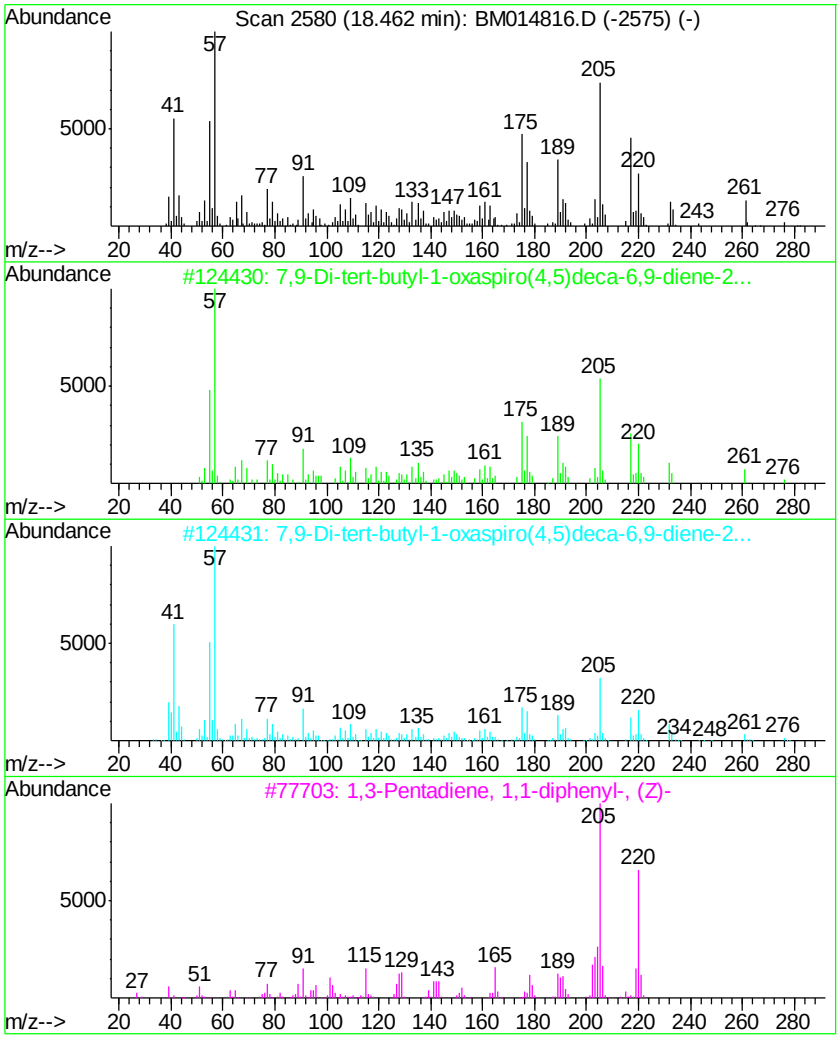
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

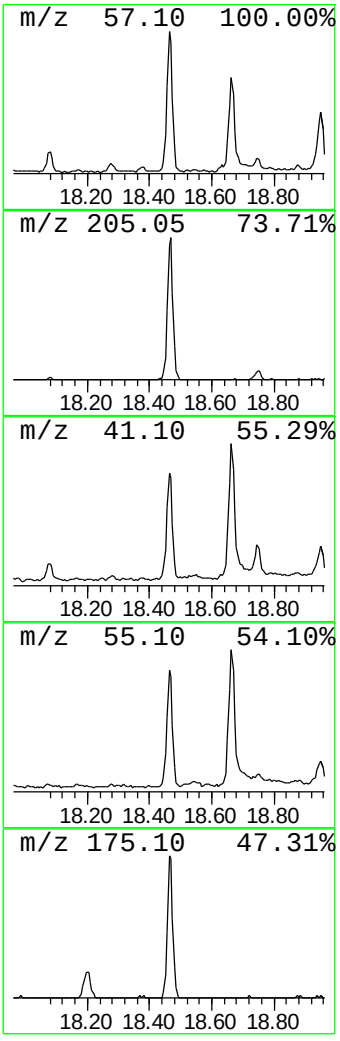
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.07 ng/ul	687068	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	55
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	53
5	2-Methyl-4,5-dimethoxycrotonophe...	220	C13H16O3	207233-94-1	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

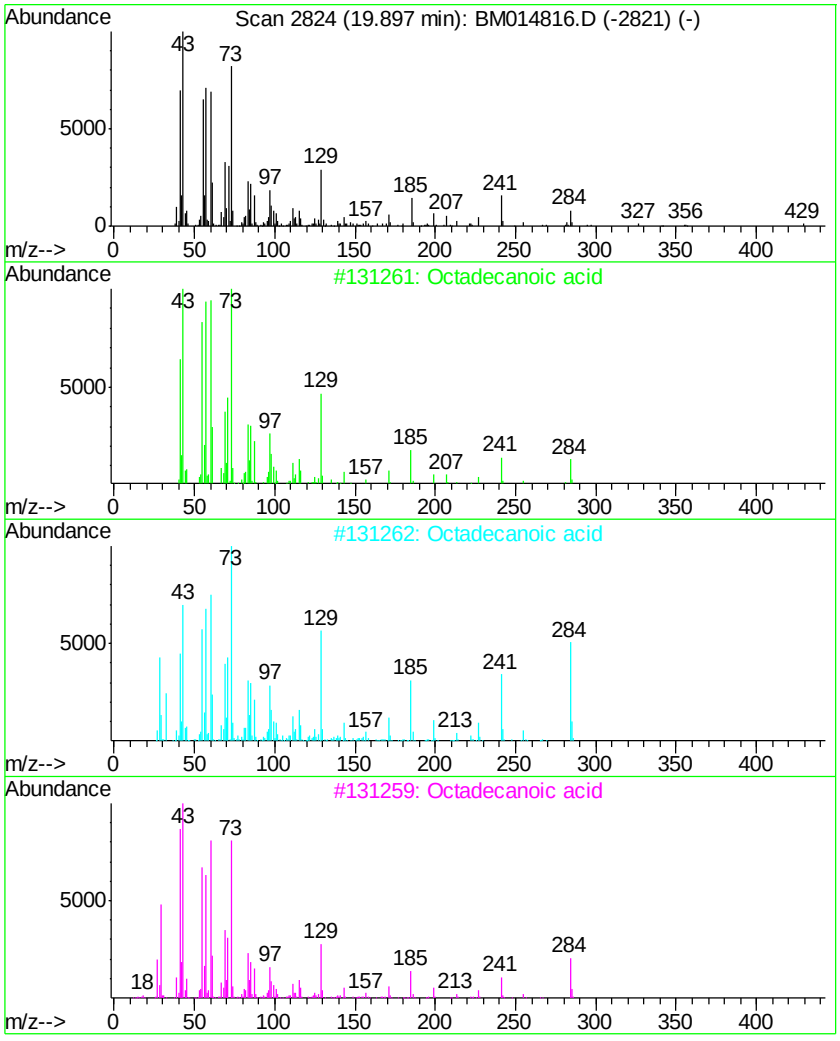
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

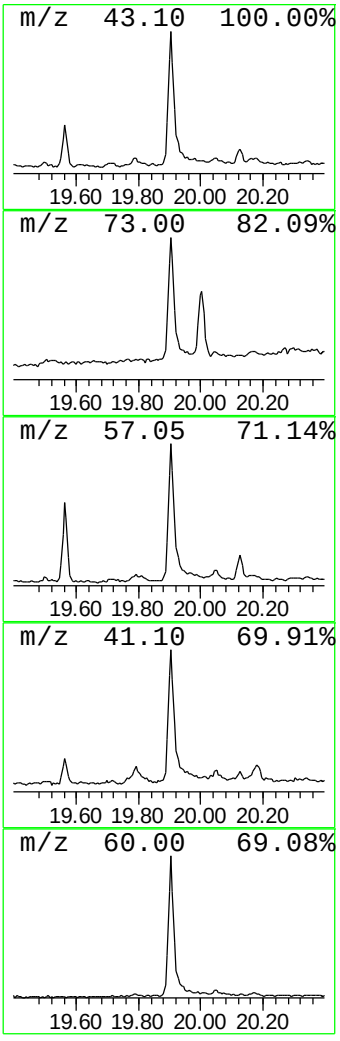
****

Peak Number 5 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.03 ng/ul	758317	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

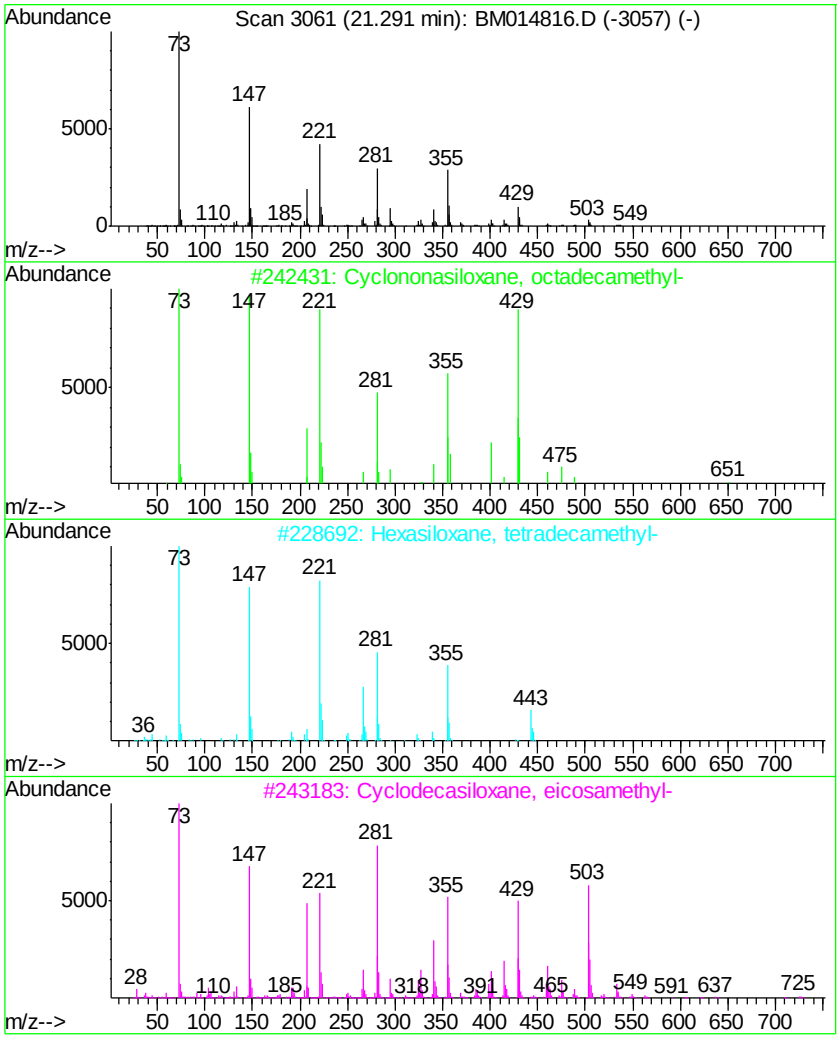
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

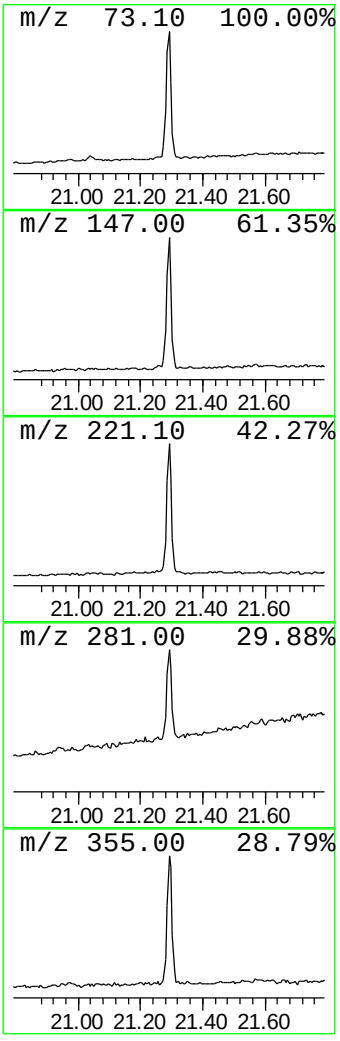
****

Peak Number 6 Cyclononasiloxane, octadeca... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.11 ng/ul	789900	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	74
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	59
3	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	58
4	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	43
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	37





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

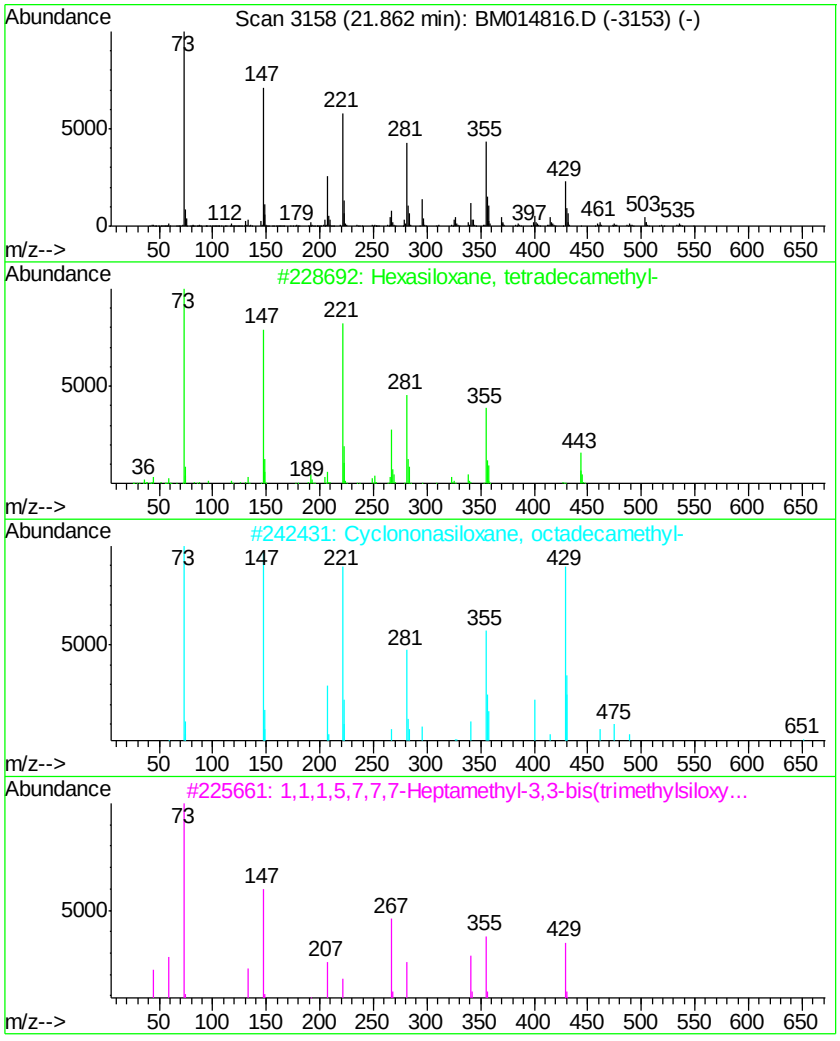
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

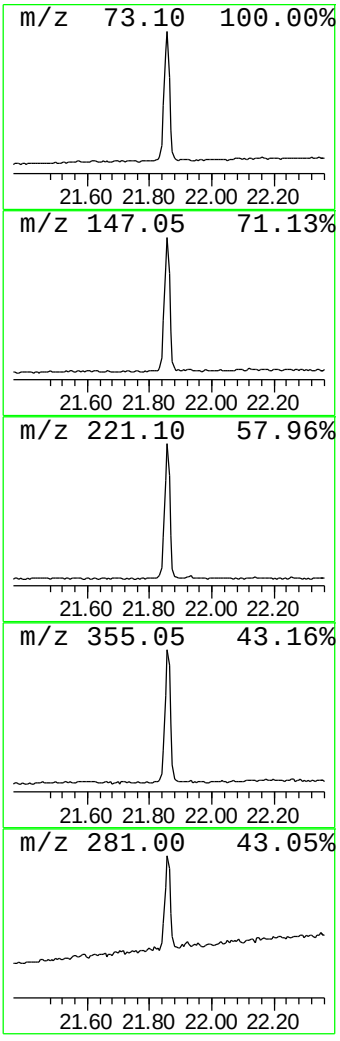
****

Peak Number 7 Hexasiloxane, tetradecamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.88 ng/ul	1449760	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	74
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	38
4	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	38
5	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	37





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

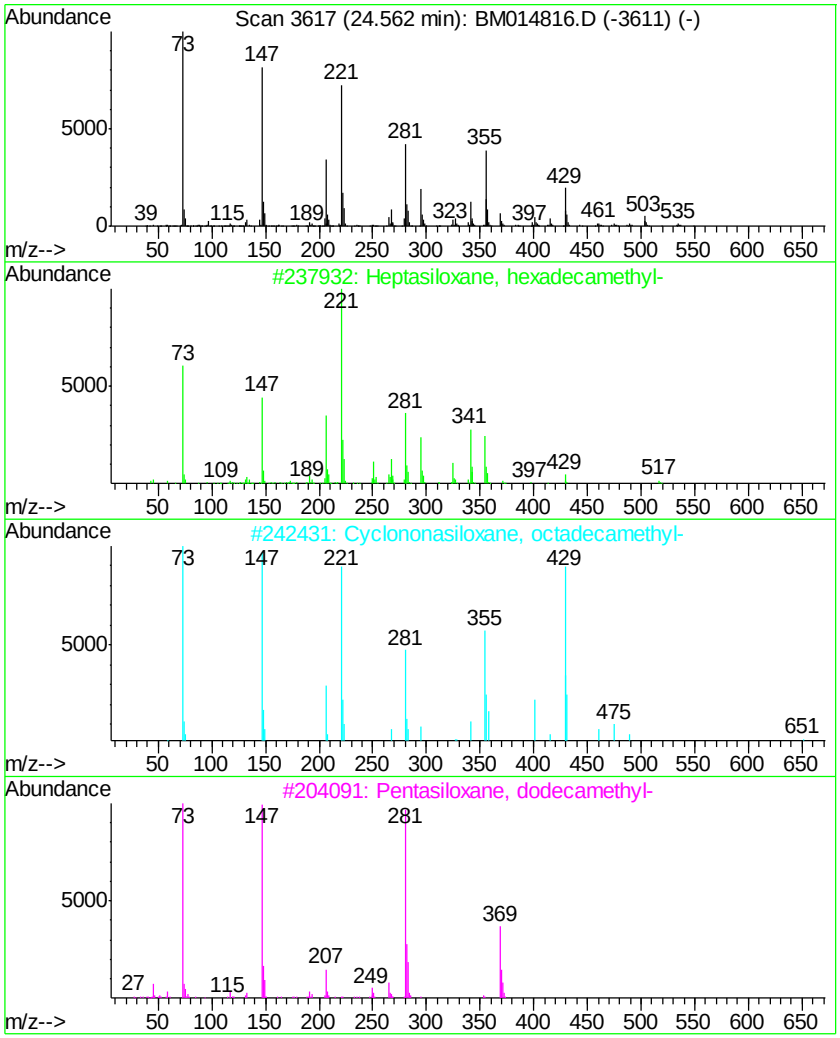
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

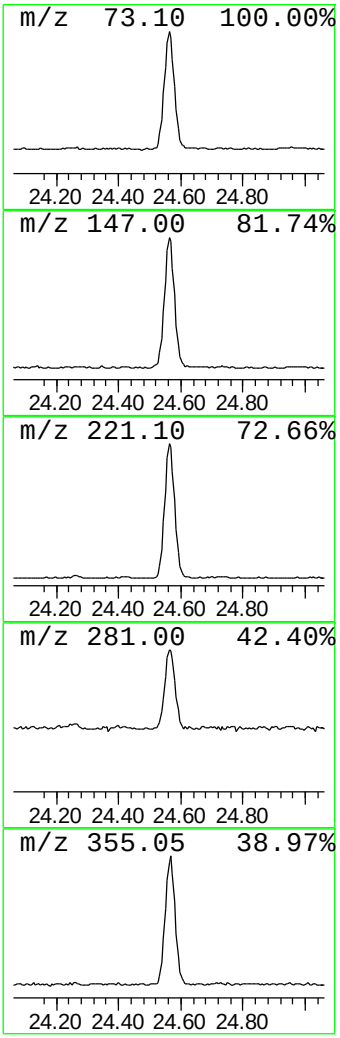
****

Peak Number 11 Heptasiloxane, hexadecamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	7.45 ng/ul	2620110	Perylene-d12	24.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	74
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	72
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	43
4	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	38
5	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

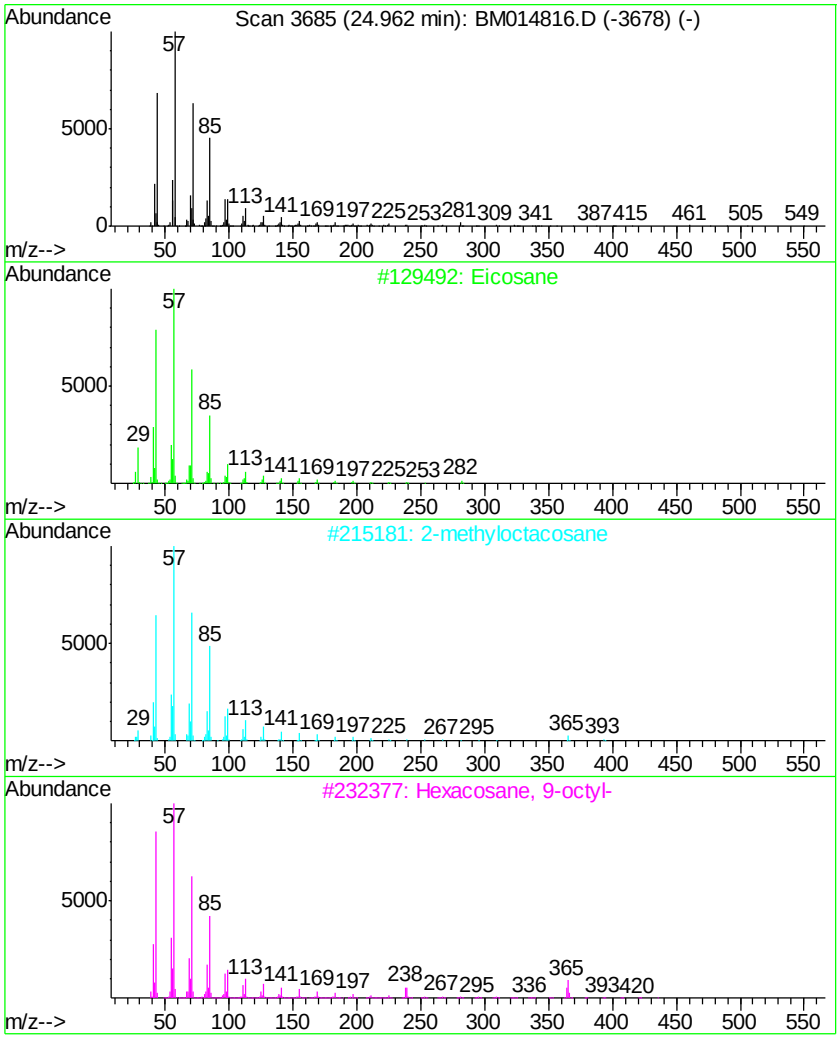
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

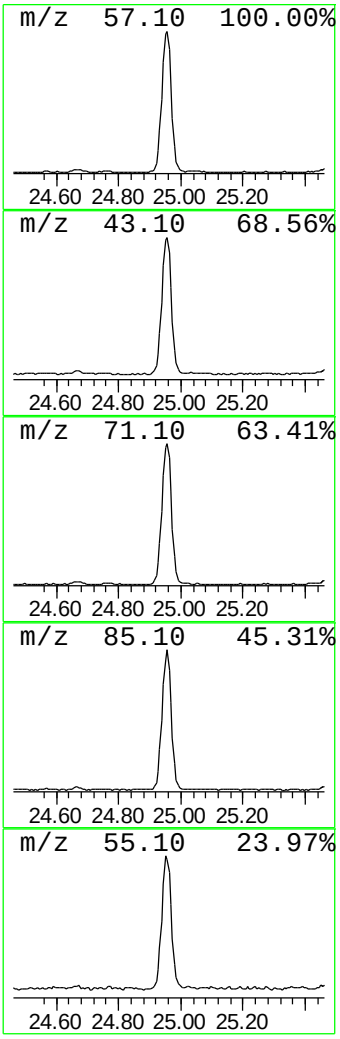
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	4.41 ng/ul	1551450	Perylene-d12	24.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

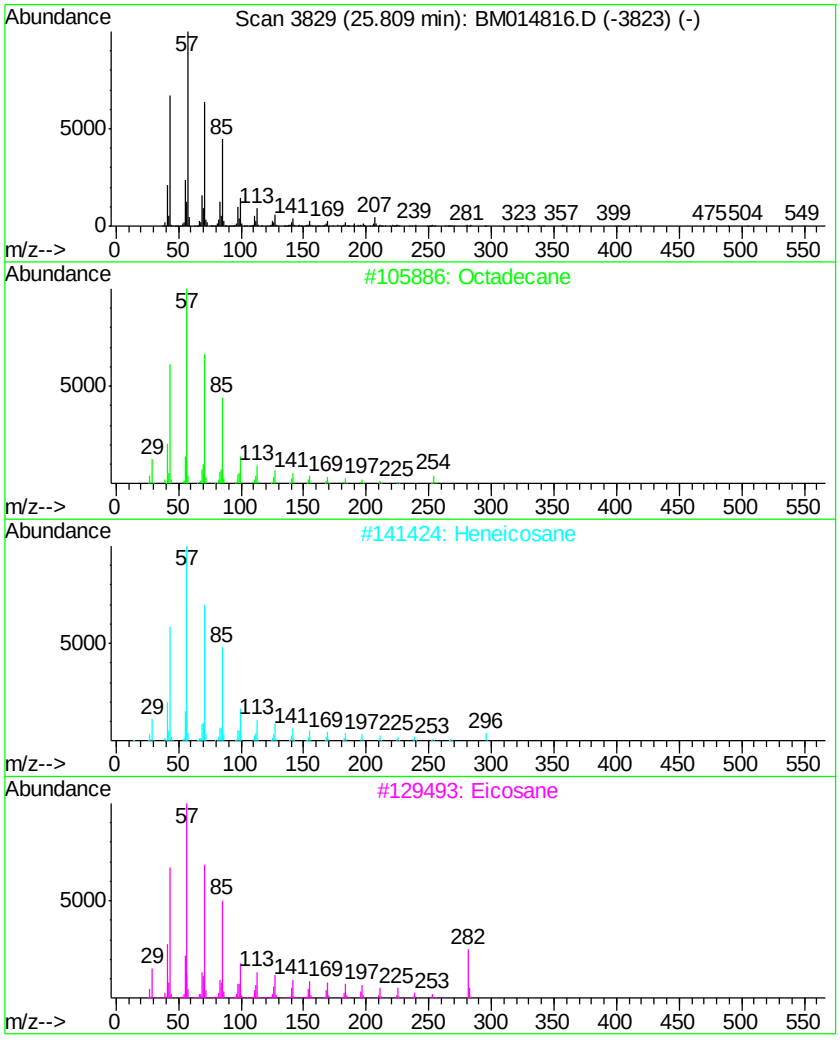
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

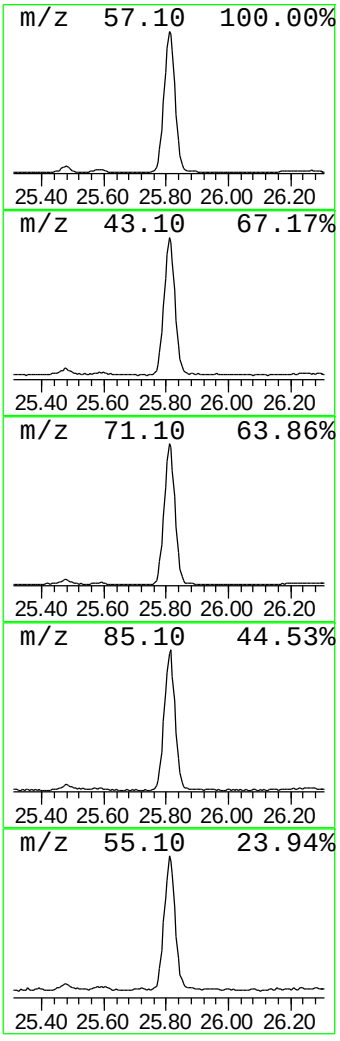
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	6.14 ng/ul	2157200	Perylene-d12	24.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

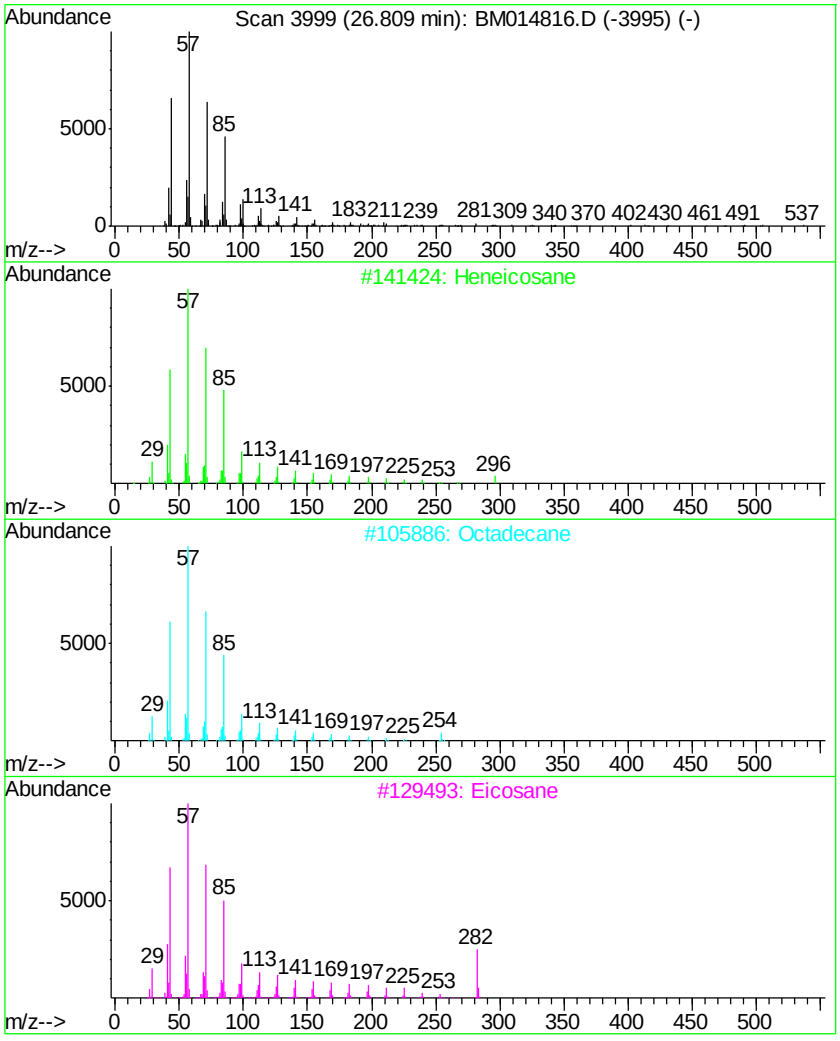
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

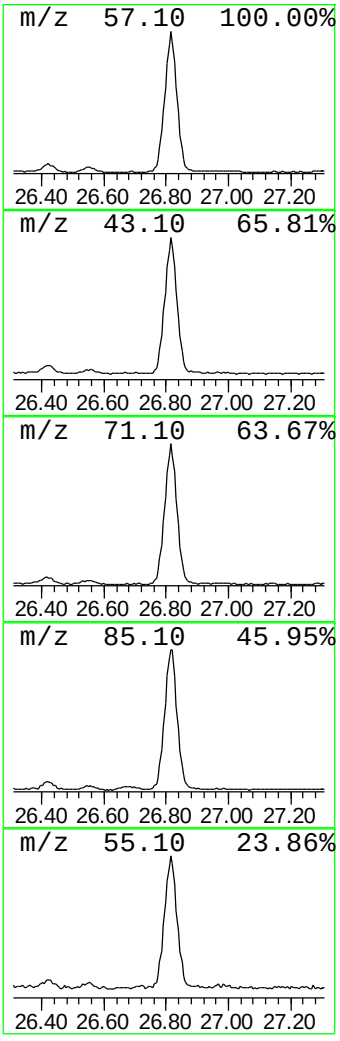
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.81	5.02 ng/ul	1763360	Perylene-d12	24.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane	254	C18H38	000593-45-3	95
3	Eicosane	282	C20H42	000112-95-8	93
4	Hexacosane	366	C26H54	000630-01-3	93
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042418\
Data File : BM014816.D
Acq On : 24 Apr 2018 19:00
Operator : SJ/JU
Sample : J2466-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.36	8.8	ng/ul	1341270	1	8.53	3033160	20.0
Cyclotetrasiloxan...	7.59	3.3	ng/ul	497502	1	8.53	3033160	20.0
Phenol, 2-methoxy-	9.63	2.4	ng/ul	360162	1	8.53	3033160	20.0
7,9-Di-tert-butyl...	18.46	2.1	ng/ul	687068	4	17.84	6641440	20.0
Octadecanoic acid	19.90	2.0	ng/ul	758317	5	21.93	7479660	20.0
Cyclononasiloxane...	21.29	2.1	ng/ul	789900	5	21.93	7479660	20.0
Hexasiloxane, tet...	21.86	3.9	ng/ul	1449760	5	21.93	7479660	20.0
Heptasiloxane, he...	24.56	7.5	ng/ul	2620110	6	24.41	7032110	20.0
(DEL) Alkane: Str...	24.96	4.4	ng/ul	1551450	6	24.41	7032110	20.0
(DEL) Alkane: Str...	25.81	6.1	ng/ul	2157200	6	24.41	7032110	20.0
(DEL) Alkane: Str...	26.81	5.0	ng/ul	1763360	6	24.41	7032110	20.0