LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

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-BM111918MA.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	3.169	28	31	35	rVB4	8694	10988	0.31%	0.030%
2	3.452	76	79	83	rVB5	2909	3821	0.11%	0.010%
3	3.710	120	123	127	rBV5	2733	4505	0.13%	0.012%
4	3.769	127	133	138	rVB6	6297	11509	0.33%	0.031%
5	3.981	166	169	171	rVB3	3426	3674	0.11%	0.010%
6	4.204	205	207	211	rVB5	4546	4884	0.14%	0.013%
7	4.251	211	215	216	rBV4	3673	4102	0.12%	0.011%
8	5.163	365	370	373	rVB5	3096	5704	0.16%	0.015%
9	5.604	441	445	450	rVB6	2430	4452	0.13%	0.012%
10	5.651	450	453	459	rBV6	4795	8388	0.24%	0.023%
11	5.810	478	480	483	rVB3	3197	3720	0.11%	0.010%
12	6.610	608	616	620	rBV2	14047	26813	0.77%	0.073%
13	6.692	627	630	633	rVV5	4566	4312	0.12%	0.012%
14	6.722	633	635	636	rVV2	4748	4122	0.12%	0.011%
15	6.751	636	640	652	rVB	99323	215299	6.15%	0.584%
16	6.910	662	667	680	rBV	448745	724048	20.70%	1.963%
17	7.098	693	699	711	rBV	509929	858759	24.55%	2.328%
18	7.557	771	777	786	rBV	441027	764510	21.86%	2.072%
19	7.628	786	789	794	rVB2	27171	40840	1.17%	0.111%
20	7.769	807	813	816	rBV7	7802	13938	0.40%	0.038%
21	8.192	877	885	890	rBV8	8628	22987	0.66%	0.062%
22	8.275	893	899	908	rVV	316373	584245	16.70%	1.584%
23	8.339	908	910	913	rVV4	8615	9148	0.26%	0.025%
24	8.392	913	919	923	rVB5	15867	31051	0.89%	0.084%
25	8.651	957	963	968	rBV	141422	238300	6.81%	0.646%
26	8.716	968	974	981	rVV	534357	923630	26.40%	2.504%
27	8.769	981	983	991	rVV2	26762	46325	1.32%	0.126%
28	9.010	1020	1024	1028	rVB6	2769	4648	0.13%	0.013%
29	9.116	1037	1042	1047	rBV5	3648	7992	0.23%	0.022%
30	9.328	1074	1078	1081	rVB4	3565	4078	0.12%	0.011%
31	9.428	1088	1095	1104	rBV	428191	760440	21.74%	2.061%
32	9.710	1138	1143	1150	rBV10	8669	18435	0.53%	0.050%
33	9.904	1171	1176	1177	rBV3	3565	4610	0.13%	0.012%
34	9.963	1179	1186	1204	rVV	476111	1090312	31.17%	2.956%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

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-BM111918MA.M
Title : SVOA CALIBRATION

35	10.257	1229	1236	1242	rVV5	48625	119403	3.41%	0.324%
36	10.328	1242	1248	1256	rVV	601411	1040692	29.75%	2.821%
37	10.392	1258	1259	1264	rVV4	10191	13644	0.39%	0.037%
38	10.439	1264	1267	1270	rVV4	3780	5632	0.16%	0.015%
39	10.516	1275	1280	1281	rVV2	3223	3970	0.11%	0.011%
40	10.545	1281	1285	1290	rVB4	3332	5347	0.15%	0.014%
41	10.951	1350	1354	1357	rBV5	3268	5313	0.15%	0.014%
42	11.004	1362	1363	1367	rBV3	3643	3932	0.11%	0.011%
43	11.151	1382	1388	1397	rBV5	25583	62380	1.78%	0.169%
44	11.522	1447	1451	1456	rVB3	6976	9575	0.27%	0.026%
45	11.657	1468	1474	1479	rBV4	27575	51281	1.47%	0.139%
46	11.739	1486	1488	1497	rVB3	4547	7332	0.21%	0.020%
47	11.939	1514	1522	1529	rBV6	10069	23888	0.68%	0.065%
48	12.486	1610	1615	1617	rBV4	7370	9921	0.28%	0.027%
49	12.545	1620	1625	1629	rBV3	20240	29190	0.83%	0.079%
50	12.680	1643	1648	1652	rBV4	4155	6353	0.18%	0.017%
51	12.804	1665	1669	1674	rVB4	29200	41590	1.19%	0.113%
52	13.139	1720	1726	1747	rVV	292711	669272	19.13%	1.814%
53	13.274	1747	1749	1752	rVV3	4162	5437	0.16%	0.015%
54	13.298	1752	1753	1756	rVV2	4591	4505	0.13%	0.012%
55	13.627	1803	1809	1821	rBV	1068337	1578894	45.14%	4.280%
56	13.898	1847	1855	1862	rBV	1316770	1937398	55.38%	5.252%
57	13.992	1869	1871	1881	rVB7	5626	11869	0.34%	0.032%
58	14.116	1887	1892	1898	rBV3	9157	18180	0.52%	0.049%
59	14.210	1901	1908	1918	rVV2	741439	1183451	33.83%	3.208%
60	14.298	1920	1923	1928	rVB5	8508	10673	0.31%	0.029%
61	14.510	1952	1959	1960	rBV4	13594	24933	0.71%	0.068%
62	14.521	1960	1961	1967	rVB5	8941	14107	0.40%	0.038%
63	14.827	2010	2013	2018	rVV4	3870	5572	0.16%	0.015%
64	14.898	2021	2025	2032	rBV4	19469	36391	1.04%	0.099%
65	14.945	2032	2033	2037	rBV4	3133	3755	0.11%	0.010%
66	15.057	2048	2052	2058	rVB2	24693	34092	0.97%	0.092%
67	15.210	2070	2078	2093	rBV	1568800	2273590	65.00%	6.163%
68	15.357	2096	2103	2116	rBV	332473	584054	16.70%	1.583%
69	15.457	2116	2120	2126	rVB3	20185	34418	0.98%	0.093%
70	15.592	2139	2143	2147	rVB4	11275	17380	0.50%	0.047%
71	16.268	2253	2258	2261	rBV5	3082	7225	0.21%	0.020%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

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-BM111918MA.M
Title : SVOA CALIBRATION

72	16.757	2338	2341	2343	rVV2	5477	6513	0.19%	0.018%
73	16.780	2343	2345	2350	rVB3	3495	4143	0.12%	0.011%
74	16.886	2359	2363	2366	rVV2	4080	5791	0.17%	0.016%
75	16.962	2370	2376	2387	rVV2	893357	1270990	36.33%	3.445%
76	17.062	2387	2393	2413	rVV2	1501515	2423278	69.27%	6.569%
77	17.268	2425	2428	2434	rVB	9873	12193	0.35%	0.033%
78	17.645	2487	2492	2497	rVV	392420	496262	14.19%	1.345%
79	17.809	2518	2520	2524	rVB5	3658	4566	0.13%	0.012%
80	17.880	2526	2532	2540	rVV6	38280	77623	2.22%	0.210%
81	17.945	2542	2543	2548	rVB	12791	14379	0.41%	0.039%
82	18.045	2558	2560	2563	rBV4	3178	4031	0.12%	0.011%
83	18.086	2563	2567	2570	rVV5	11265	16348	0.47%	0.044%
84	18.121	2571	2573	2578	rVV5	8283	9305	0.27%	0.025%
85	18.168	2578	2581	2584	rVB5	3831	4467	0.13%	0.012%
86	18.203	2584	2587	2589	rBV4	4139	4289	0.12%	0.012%
87	18.315	2599	2606	2607	rBV5	2990	5858	0.17%	0.016%
88	18.809	2688	2690	2693	rVB3	4201	3835	0.11%	0.010%
89	19.015	2720	2725	2729	rBV3	16187	29227	0.84%	0.079%
90	19.168	2743	2751	2762	rBV4	53022	109531	3.13%	0.297%
91	19.262	2764	2767	2773	rVB4	17243	23957	0.68%	0.065%
92	19.374	2780	2786	2794	rBV	1970704	2741326	78.37%	7.431%
93	19.439	2794	2797	2804	rVB	40716	68422	1.96%	0.185%
94	21.180	3088	3093	3103	rBV	1060710	1578818	45.13%	4.280%
95	23.221	3433	3440	3454	rBV	1681761	3171046	90.65%	8.596%
96	23.362	3458	3464	3475	rVB	825851	1576274	45.06%	4.273%
97	23.856	3546	3548	3556	rVB4	99573	172109	4.92%	0.467%
98	25.262	3782	3787	3799	rVB3	348518	970927	27.76%	2.632%
99	26.403	3972	3981	3997	rVB3	581280	2227343	63.67%	6.038%
100	27.791	4208	4217	4236	rVB3	809858	3498076	100.00%	9.482%

Sum of corrected areas: 36890155

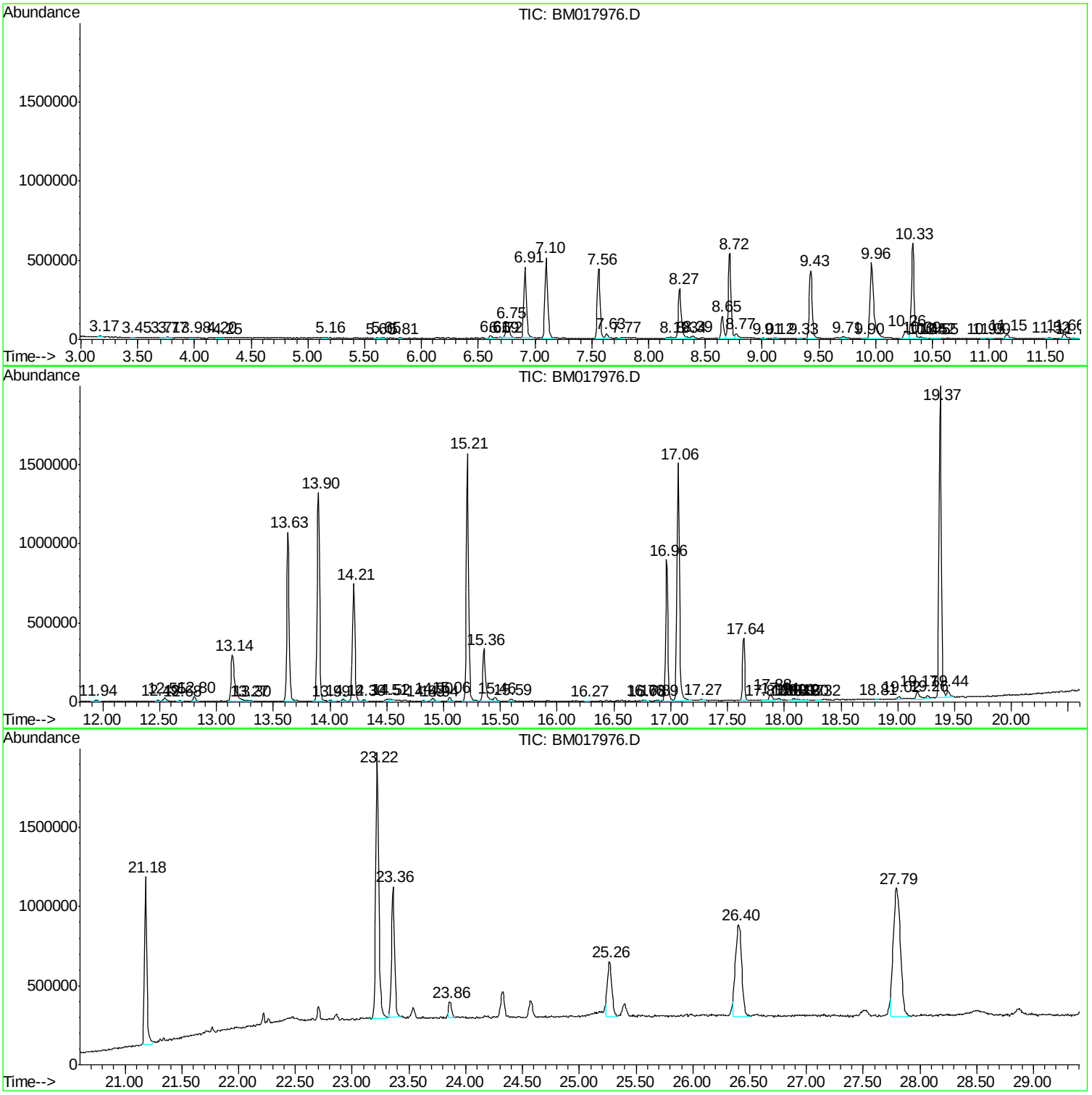
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

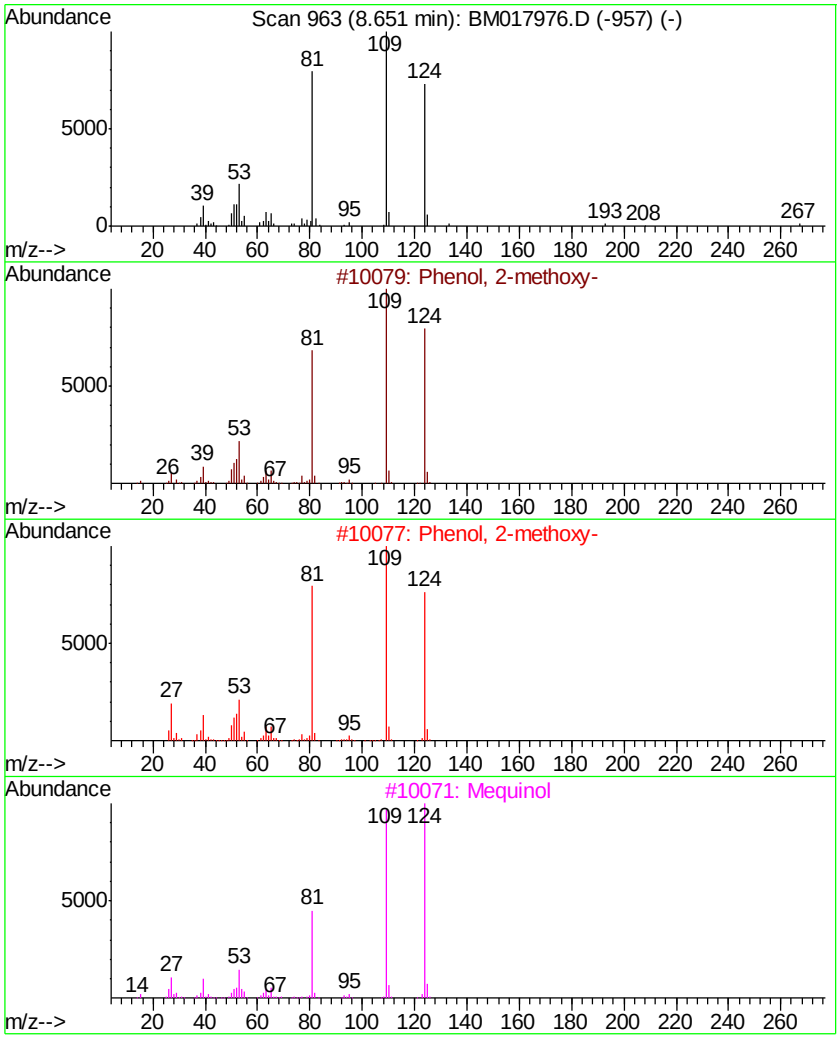
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

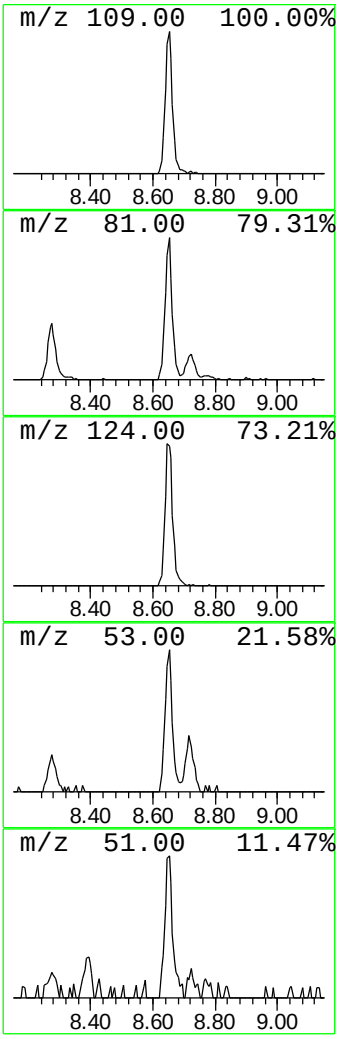
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	6.23 ng/ul	238300	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Mequinol	124	C7H8O2	000150-76-5	90
4	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	72
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

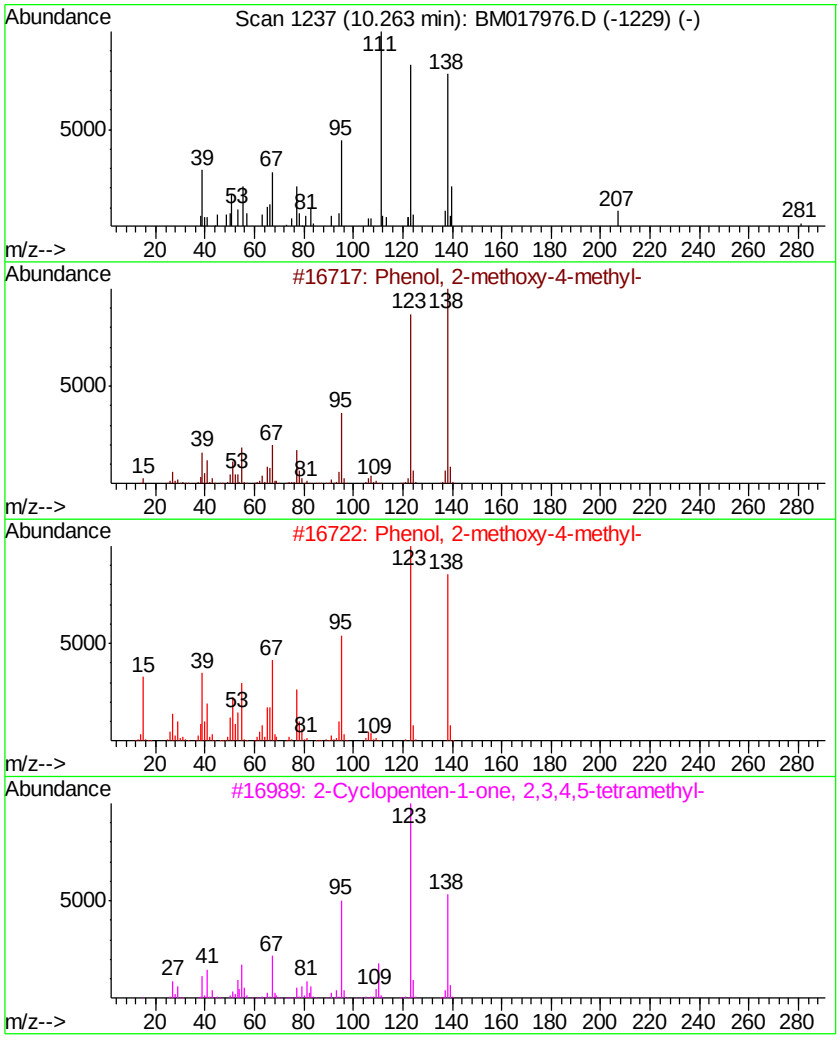
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

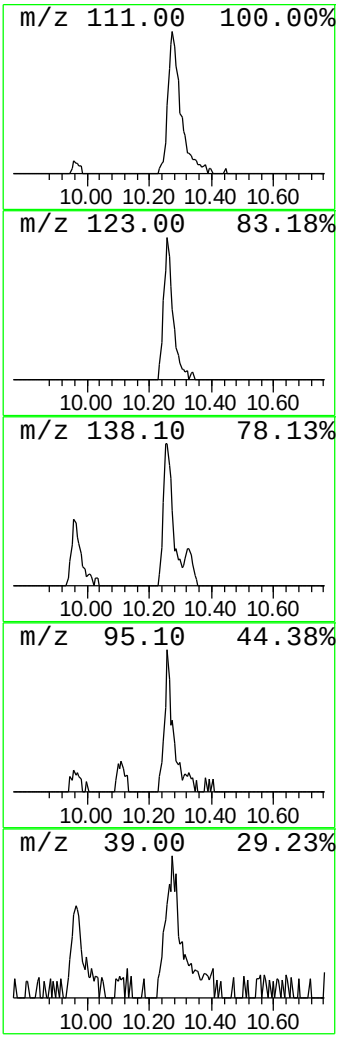
****

Peak Number 2 Phenol, 2-methoxy-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.29 ng/ul	119403	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	95
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	89
3	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	81
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	70
5	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
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Sample : J6137-06
Misc :
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Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

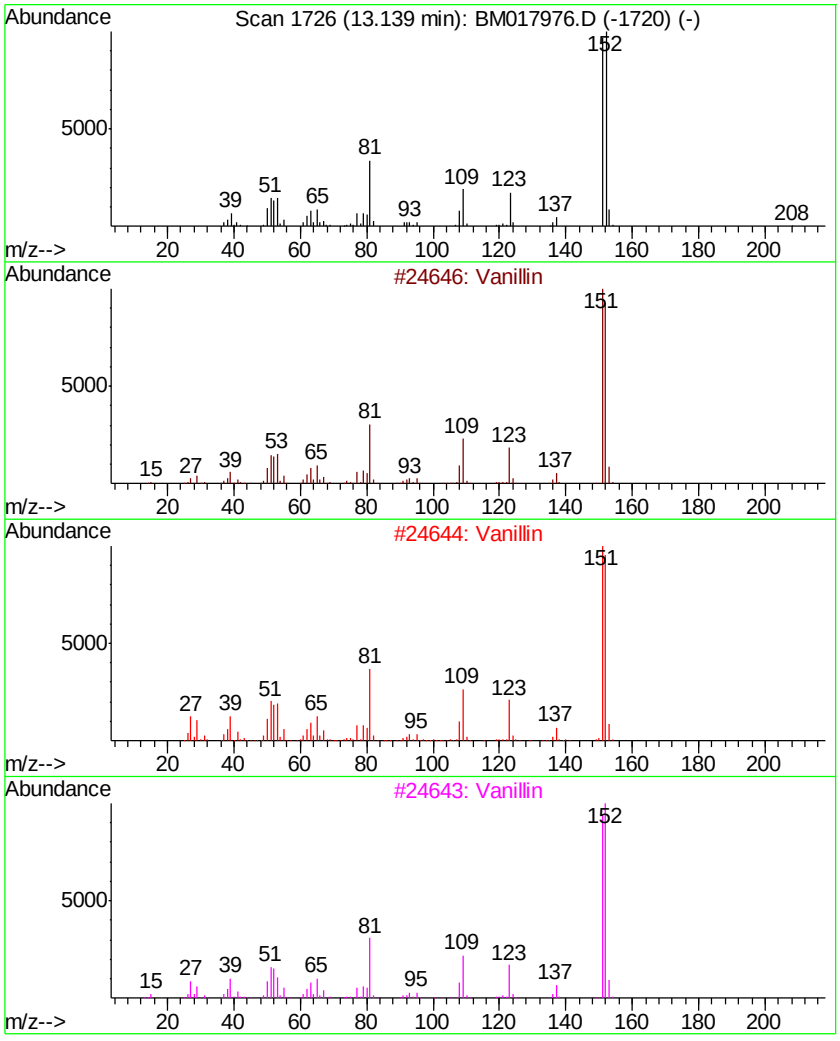
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

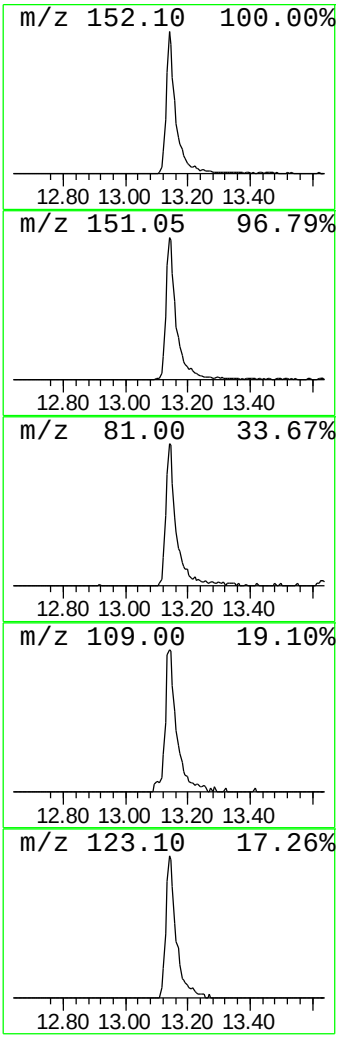
****

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	11.31 ng/ul	669272	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
5	Vanillin	152	C8H8O3	000121-33-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

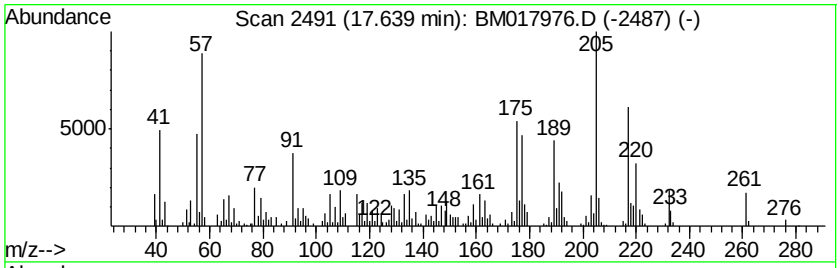
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

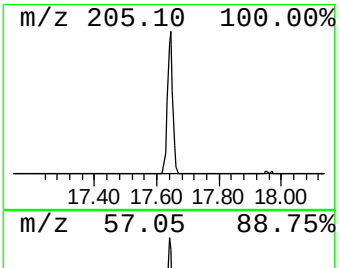
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	7.81 ng/ul	496262	Phenanthrene-d10	16.96

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	99
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

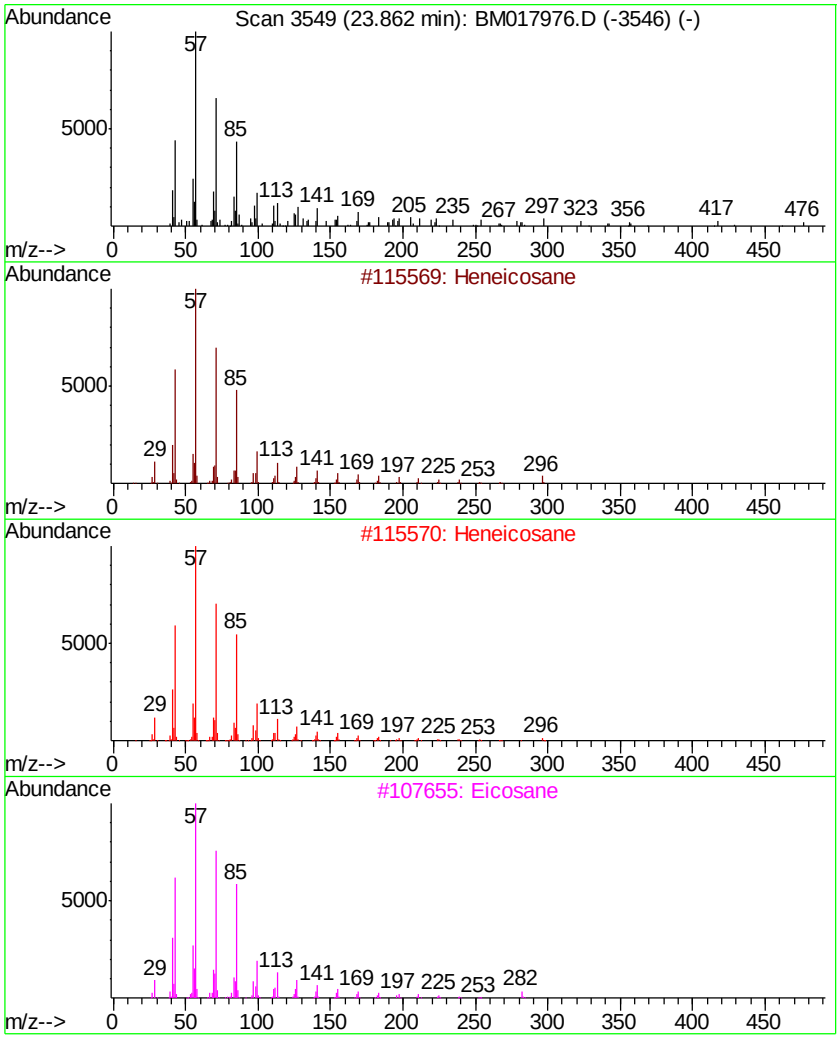
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

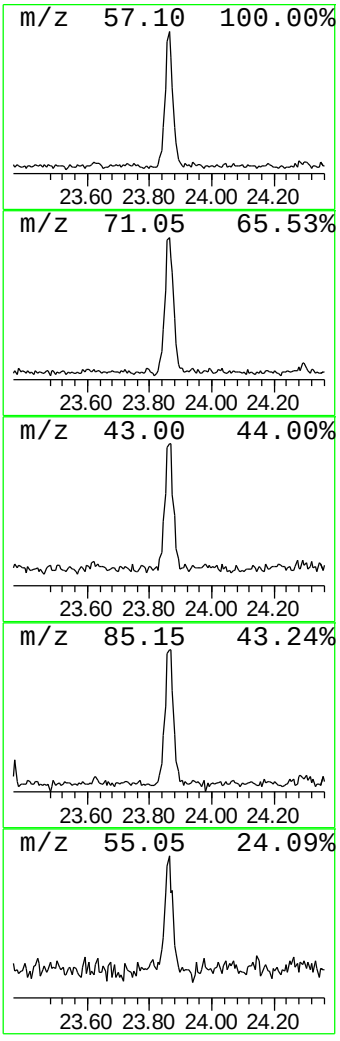
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.18 ng/ul	172109	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Heneicosane	296	C21H44	000629-94-7	76
3	Eicosane	282	C20H42	000112-95-8	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	64





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Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

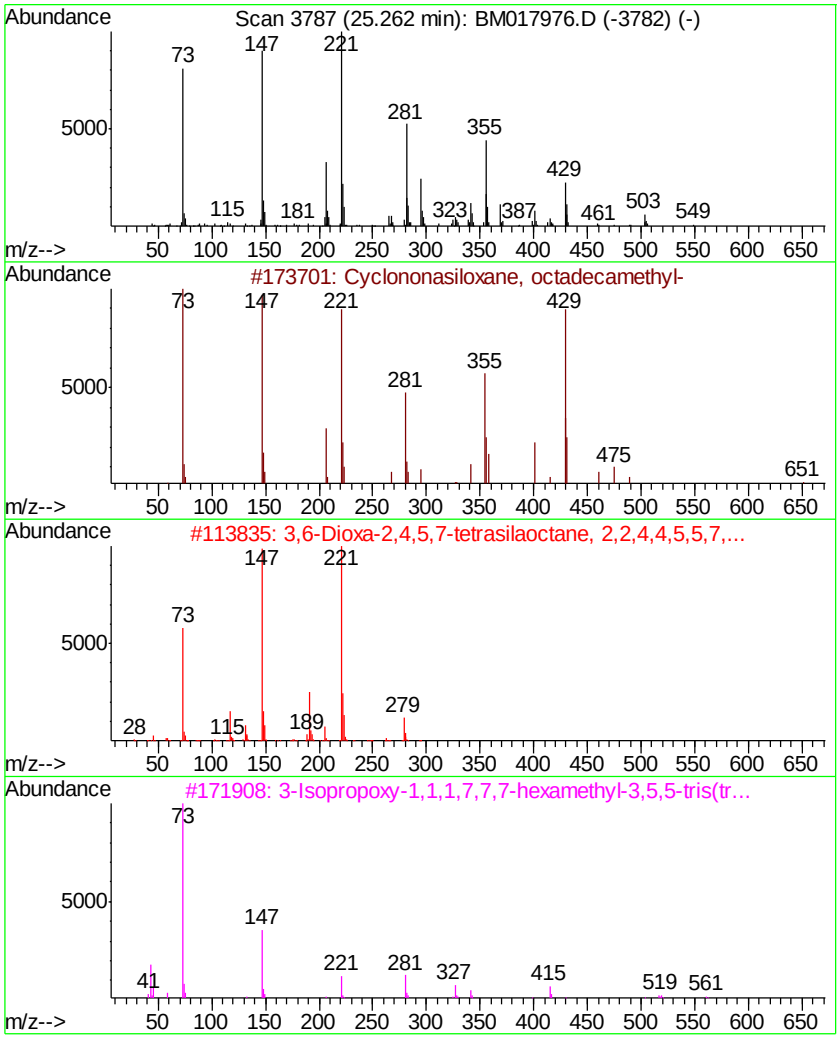
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

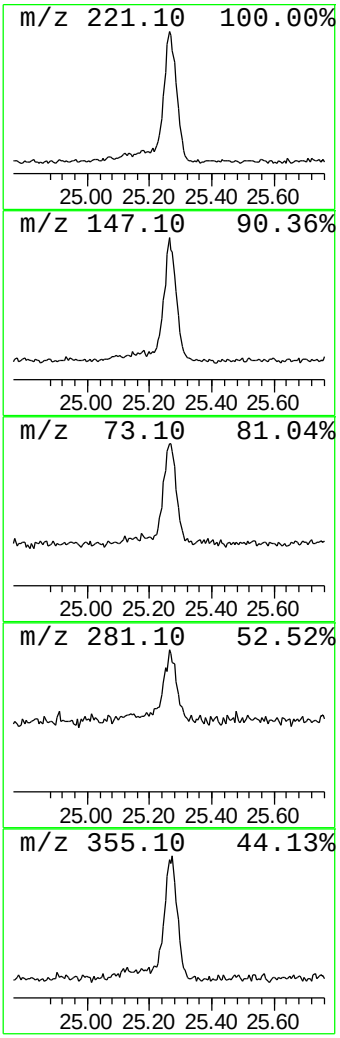
****

Peak Number 6 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.26	12.32 ng/ul	970927	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	87
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	25
5	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9J15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
Phenol, 2-methoxy-	8.65	6.2	ng/ul	238300	1	7.56	764510	20.0
Phenol, 2-methoxy...	10.26	2.3	ng/ul	119403	2	10.33	1040690	20.0
Vanillin	13.14	11.3	ng/ul	669272	3	14.21	1183450	20.0
7,9-Di-tert-butyl...	17.64	7.8	ng/ul	496262	4	16.96	1270990	20.0
(DEL) Alkane: Str...	23.86	2.2	ng/ul	172109	6	23.36	1576270	20.0
Cyclononasiloxane...	25.26	12.3	ng/ul	970927	6	23.36	1576270	20.0