LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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-BN040920MA.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	2.887	12	17	25	rVV	305578	586368	6.56%	0.463%
2	2.958	25	29	49	rVB	1056842	1804782	20.20%	1.425%
3	5.299	421	427	446	rVB	1765892	3535544	39.57%	2.791%
4	5.658	483	488	496	rVB	193359	354752	3.97%	0.280%
5	5.922	525	533	540	rBV6	70745	163651	1.83%	0.129%
6	6.128	562	568	576	rBV5	110673	224914	2.52%	0.178%
7	6.199	576	580	585	rBV	97845	153836	1.72%	0.121%
8	6.275	585	593	596	rBV4	92499	191877	2.15%	0.151%
9	6.605	642	649	650	rBV3	110770	180889	2.02%	0.143%
10	6.628	650	653	659	rVB	261758	378407	4.24%	0.299%
11	6.711	659	667	672	rBV	301476	500537	5.60%	0.395%
12	6.781	672	679	685	rBV2	684178	1308275	14.64%	1.033%
13	6.846	685	690	696	rVB2	259510	442763	4.96%	0.350%
14	6.940	700	706	713	rBV	519132	896344	10.03%	0.708%
15	7.134	726	739	744	rBV2	703438	1404182	15.72%	1.109%
16	7.258	752	760	766	rBV	861020	1353377	15.15%	1.068%
17	7.599	811	818	823	rBV3	2054618	3332088	37.29%	2.631%
18	7.716	829	838	841	rBV	390179	757289	8.48%	0.598%
19	7.846	855	860	865	rBV	597495	992747	11.11%	0.784%
20	8.093	898	902	906	rBV3	164563	275032	3.08%	0.217%
21	8.152	906	912	916	rBV2	682743	1058623	11.85%	0.836%
22	8.234	922	926	930	rVB2	256317	339671	3.80%	0.268%
23	8.293	930	936	943	rVB2	1025810	1867919	20.91%	1.475%
24	8.416	951	957	962	rVB3	153211	366871	4.11%	0.290%
25	8.487	962	969	972	rBV	261526	460452	5.15%	0.364%
26	8.599	982	988	991	rVB	105773	161776	1.81%	0.128%
27	8.693	999	1004	1006	rVV	214273	343361	3.84%	0.271%
28	8.728	1006	1010	1016	rVB	597732	970618	10.86%	0.766%
29	8.834	1024	1028	1037	rVB2	235810	467273	5.23%	0.369%
30	8.946	1037	1047	1053	rBV9	172791	520287	5.82%	0.411%
31	9.181	1081	1087	1089	rBV4	100541	174429	1.95%	0.138%
32	9.446	1124	1132	1139	rBV	544075	954516	10.68%	0.754%
33	9.734	1174	1181	1184	rVV4	98224	168364	1.88%	0.133%
34	9.775	1184	1188	1190	rVV3	144155	242294	2.71%	0.191%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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-BN040920MA.M
Title : SVOA CALIBRATION

35	9.805	1190	1193	1198	rVV2	147412	257897	2.89%	0.204%
36	9.981	1217	1223	1234	rVB	924677	1594269	17.84%	1.259%
37	10.234	1261	1266	1272	rBV	141603	259639	2.91%	0.205%
38	10.352	1279	1286	1292	rBV	2468700	4130537	46.23%	3.261%
39	10.405	1292	1295	1303	rVV	180946	303876	3.40%	0.240%
40	10.487	1303	1309	1317	rVV	850896	1507845	16.88%	1.190%
41	11.710	1510	1517	1524	rBV	94647	160257	1.79%	0.127%
42	12.022	1562	1570	1577	rVB	187027	311749	3.49%	0.246%
43	12.404	1626	1635	1641	rBV2	89369	153069	1.71%	0.121%
44	13.046	1740	1744	1754	rVV2	81339	166072	1.86%	0.131%
45	13.140	1754	1760	1772	rVV	1531540	2343055	26.22%	1.850%
46	13.240	1772	1777	1780	rVV	151476	239909	2.69%	0.189%
47	13.640	1839	1845	1849	rVV	1572713	2237201	25.04%	1.766%
48	13.681	1849	1852	1859	rVB	554533	777320	8.70%	0.614%
49	13.781	1865	1869	1877	rVB2	87121	146809	1.64%	0.116%
50	13.910	1884	1891	1902	rBV	1807195	2720394	30.45%	2.148%
51	14.222	1936	1944	1950	rBV	4021456	5833295	65.29%	4.605%
52	14.281	1950	1954	1963	rVB	148583	250090	2.80%	0.197%
53	14.428	1972	1979	1986	rBV	600890	1010075	11.31%	0.797%
54	14.498	1986	1991	2004	rVB	2254485	3171136	35.49%	2.504%
55	14.622	2006	2012	2017	rBV	335374	479644	5.37%	0.379%
56	15.222	2107	2114	2116	rBV	2492501	3953241	44.25%	3.121%
57	15.275	2121	2123	2128	rVB	1076561	1226012	13.72%	0.968%
58	15.340	2128	2134	2137	rBV	440654	625659	7.00%	0.494%
59	15.381	2137	2141	2148	rVV	609122	878590	9.83%	0.694%
60	15.457	2148	2154	2158	rVV4	67011	174339	1.95%	0.138%
61	15.810	2208	2214	2222	rBV	146688	253189	2.83%	0.200%
62	15.987	2239	2244	2254	rVB5	77763	180899	2.02%	0.143%
63	16.075	2254	2259	2265	rBV	125444	191202	2.14%	0.151%
64	16.134	2265	2269	2276	rBV3	125970	210149	2.35%	0.166%
65	16.198	2276	2280	2283	rBV2	112978	149599	1.67%	0.118%
66	16.392	2309	2313	2321	rBV3	105471	214051	2.40%	0.169%
67	16.628	2348	2353	2361	rVB2	223004	330012	3.69%	0.261%
68	16.969	2405	2411	2415	rBV	5109122	7121080	79.70%	5.622%
69	17.010	2415	2418	2423	rVV	2204295	2770590	31.01%	2.187%
70	17.069	2423	2428	2430	rVV	2730776	3844655	43.03%	3.035%
71	17.104	2430	2434	2440	rVB	6551988	8934733	100.00%	7.054%

LSC Area Percent Report

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Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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-BN040920MA.M
Title : SVOA CALIBRATION

72	17.239	2452	2457	2461	rBV	86862	166634	1.87%	0.132%
73	17.369	2472	2479	2486	rVV	2262414	3259031	36.48%	2.573%
74	17.892	2564	2568	2574	rBV	371165	534983	5.99%	0.422%
75	17.975	2575	2582	2586	rVV2	306119	572675	6.41%	0.452%
76	18.039	2589	2593	2596	rVV2	118531	180229	2.02%	0.142%
77	18.075	2596	2599	2606	rVB2	137163	197009	2.20%	0.156%
78	18.145	2607	2611	2615	rBV	104275	148577	1.66%	0.117%
79	18.192	2615	2619	2623	rBV2	235707	331571	3.71%	0.262%
80	18.763	2712	2716	2723	rBV3	278435	358642	4.01%	0.283%
81	18.834	2725	2728	2738	rVB2	135417	196415	2.20%	0.155%
82	19.034	2758	2762	2768	rBV	630770	835719	9.35%	0.660%
83	19.098	2768	2773	2779	rVB3	381288	747825	8.37%	0.590%
84	19.186	2784	2788	2791	rBV3	119609	173913	1.95%	0.137%
85	19.369	2814	2819	2826	rBV2	3459018	4890712	54.74%	3.861%
86	19.422	2826	2828	2831	rVB2	248935	240757	2.69%	0.190%
87	19.957	2916	2919	2922	rBV	280664	269846	3.02%	0.213%
88	20.392	2990	2993	2998	rVB4	147589	163501	1.83%	0.129%
89	20.457	3001	3004	3008	rVV	344431	351169	3.93%	0.277%
90	20.916	3078	3082	3090	rVB2	616224	953995	10.68%	0.753%
91	21.116	3113	3116	3119	rBV	207473	256145	2.87%	0.202%
92	21.175	3120	3126	3130	rBV	6984744	8814696	98.66%	6.959%
93	21.363	3155	3158	3163	rVB	565555	582228	6.52%	0.460%
94	21.786	3227	3230	3236	rVB	605991	720582	8.06%	0.569%
95	22.239	3303	3307	3313	rVB	740253	967397	10.83%	0.764%
96	22.727	3387	3390	3399	rVB	833947	1217089	13.62%	0.961%
97	23.204	3466	3471	3477	rBV	2226774	3691490	41.32%	2.914%
98	23.274	3480	3483	3488	rVB	706866	993883	11.12%	0.785%
99	23.345	3488	3495	3506	rVB	4272681	7752150	86.76%	6.120%
100	23.892	3584	3588	3594	rVB	649887	1052897	11.78%	0.831%

Sum of corrected areas: 126668006

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
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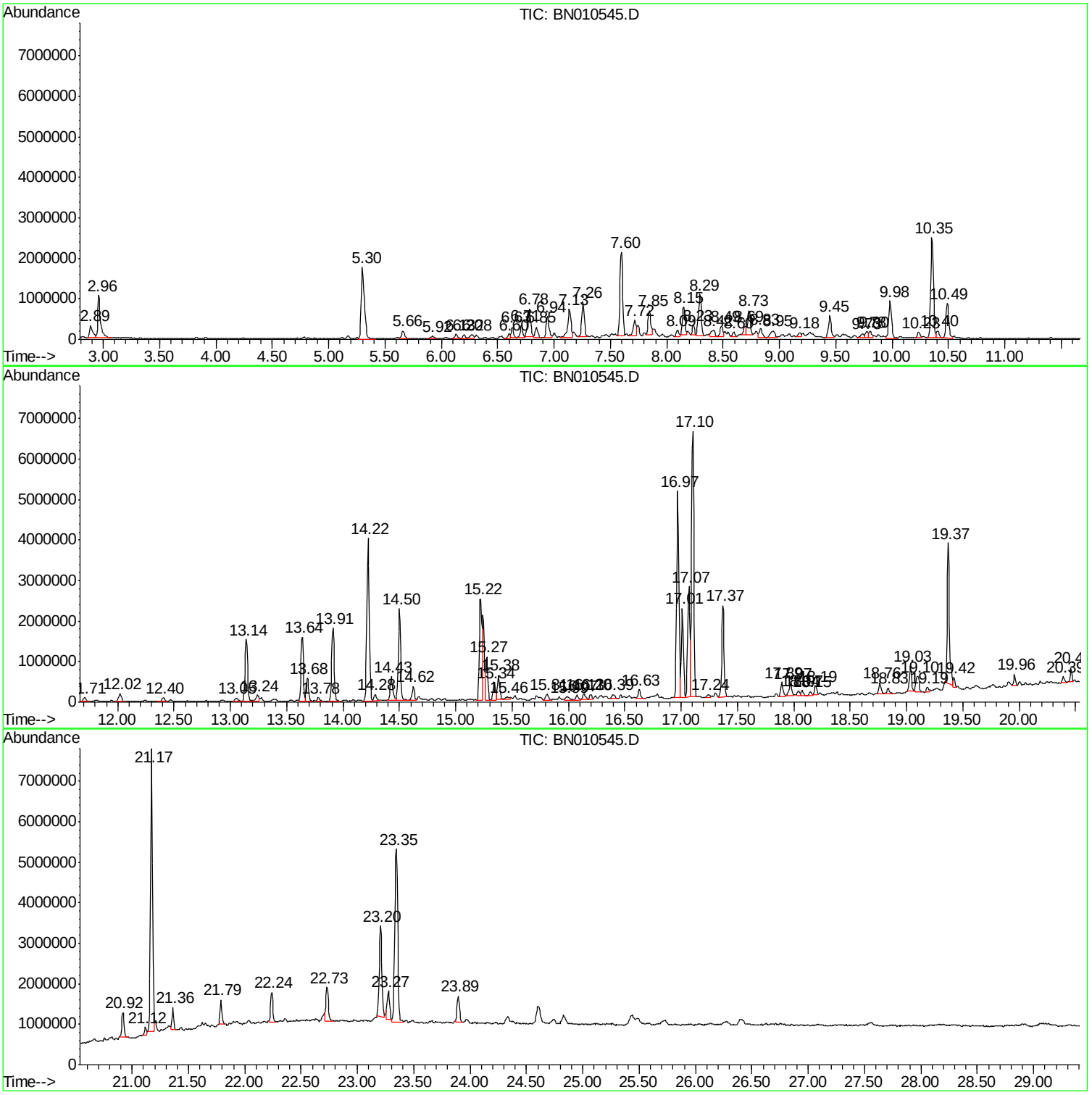
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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\BN041620\
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Quant Title : SVOA CALIBRATION

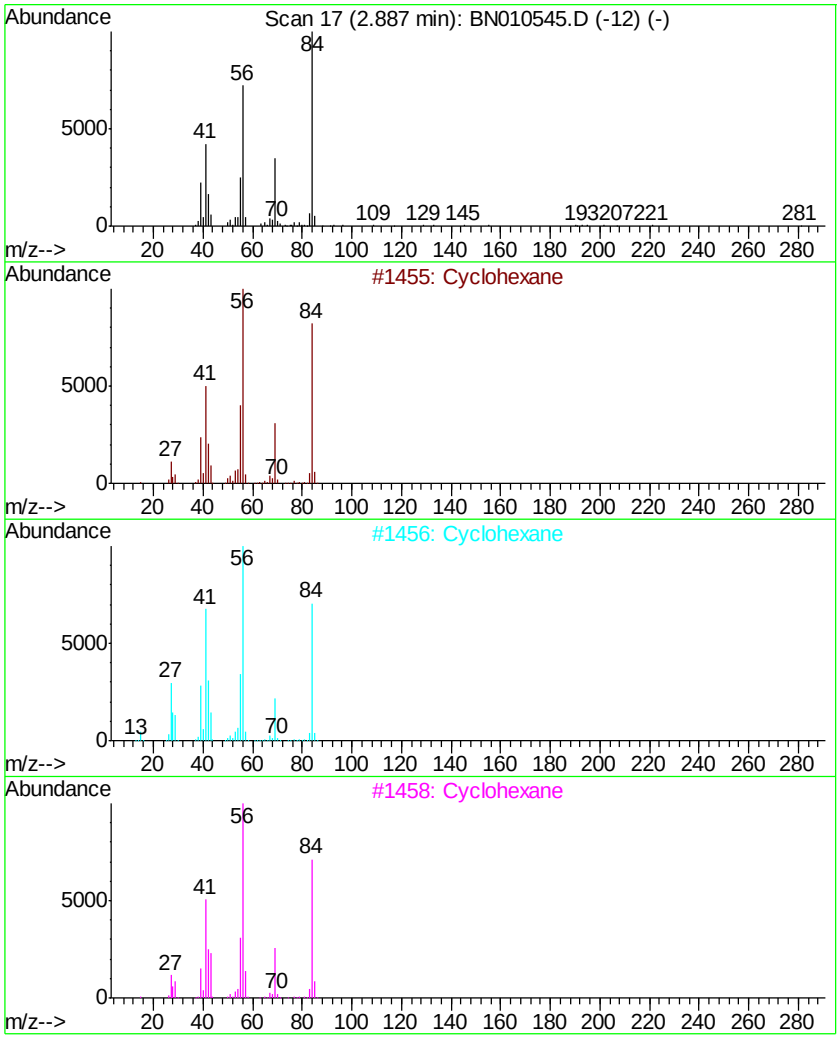
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

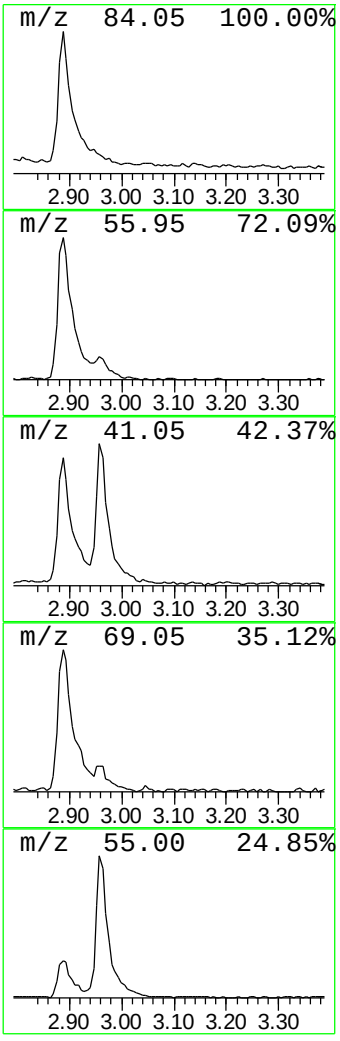
****

Peak Number 1 (DEL) Alkane: Cyclic2.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	3.52 ng/ul	586368	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Pyridine-D5-	84	C5D5N	007291-22-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
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Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

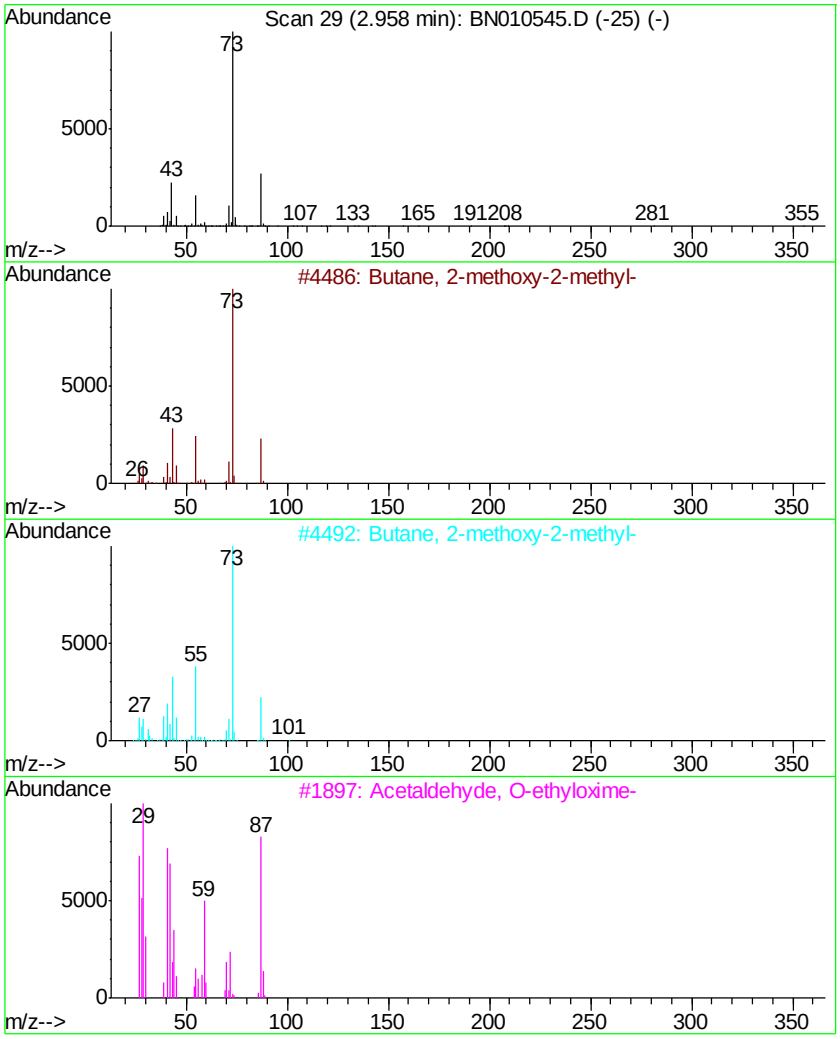
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

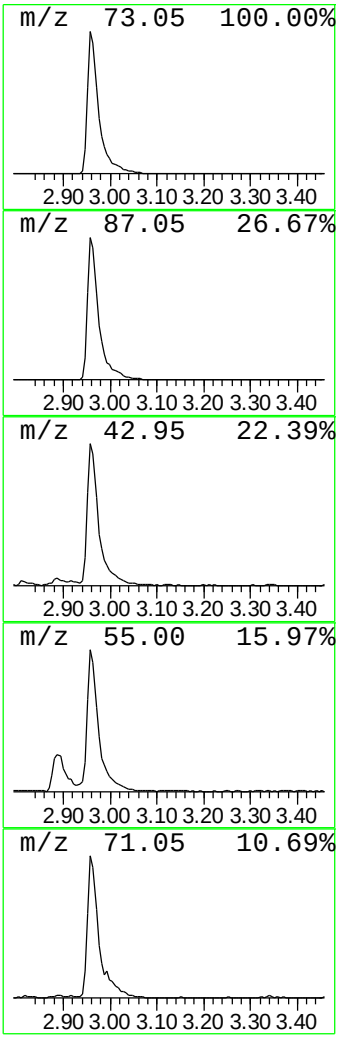
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	10.83 ng/ul	1804780	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

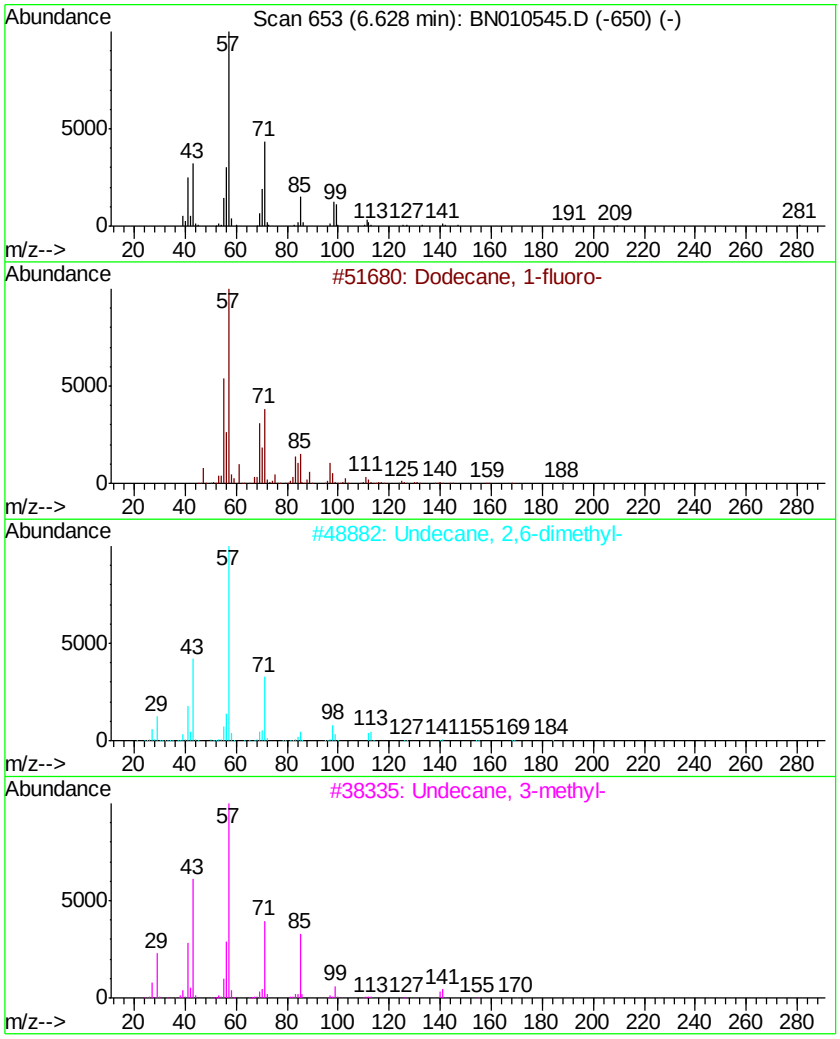
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

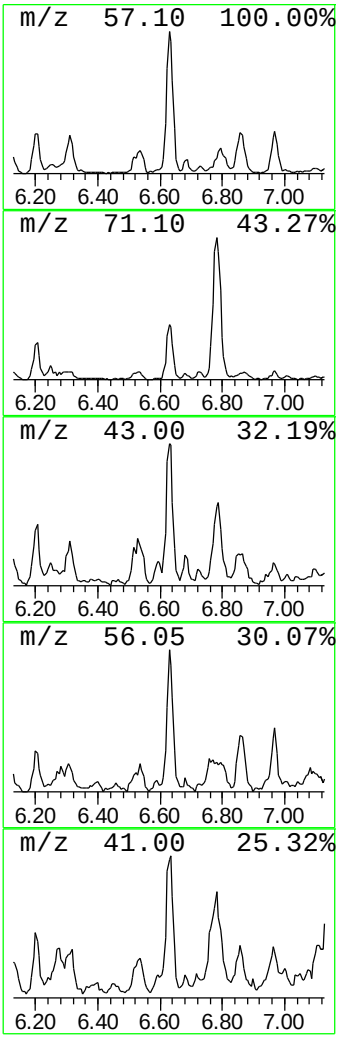
****

Peak Number 5 Dodecane, 1-fluoro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	2.27 ng/ul	378407	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	64
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
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Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

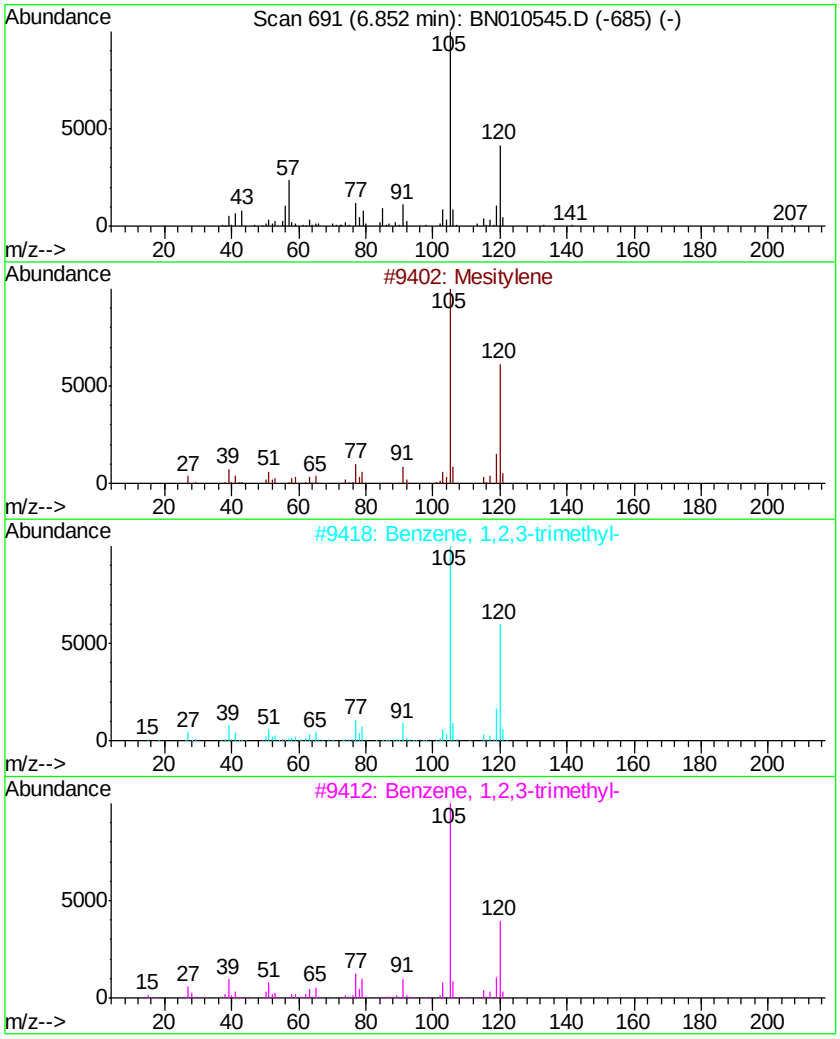
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

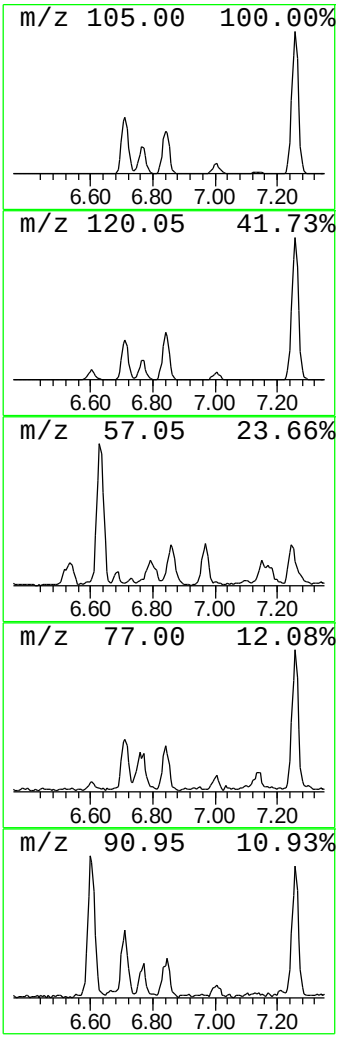
****

Peak Number 6 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.66 ng/ul	442763	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

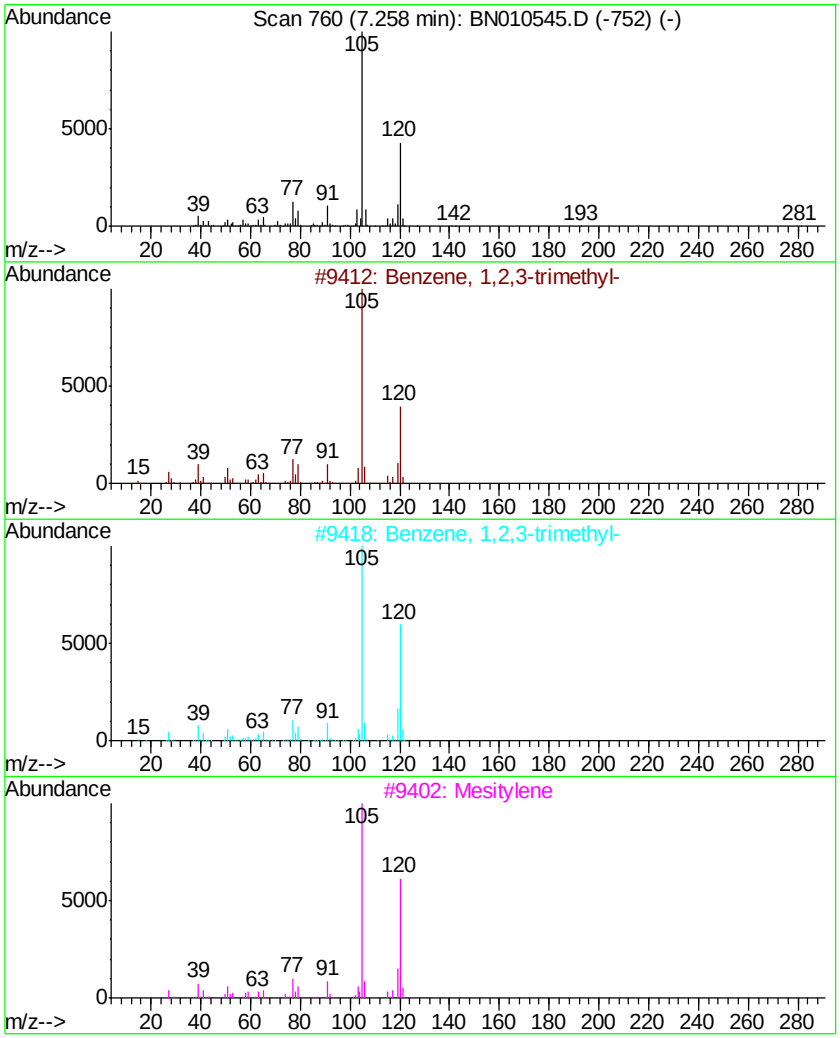
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

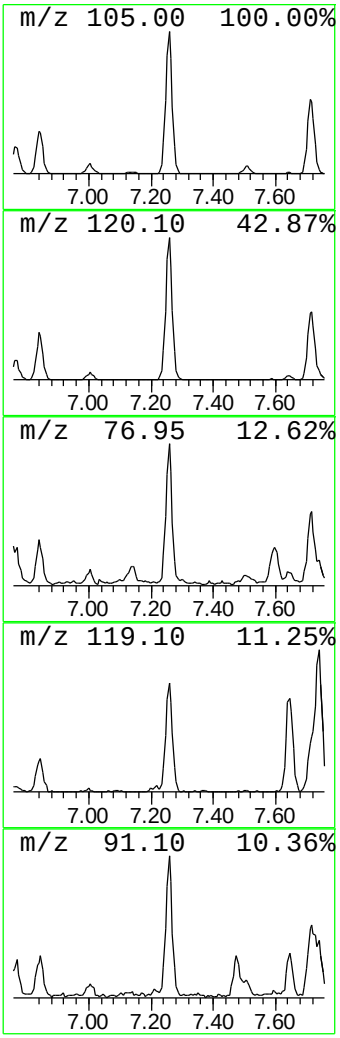
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	8.12 ng/ul	1353380	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

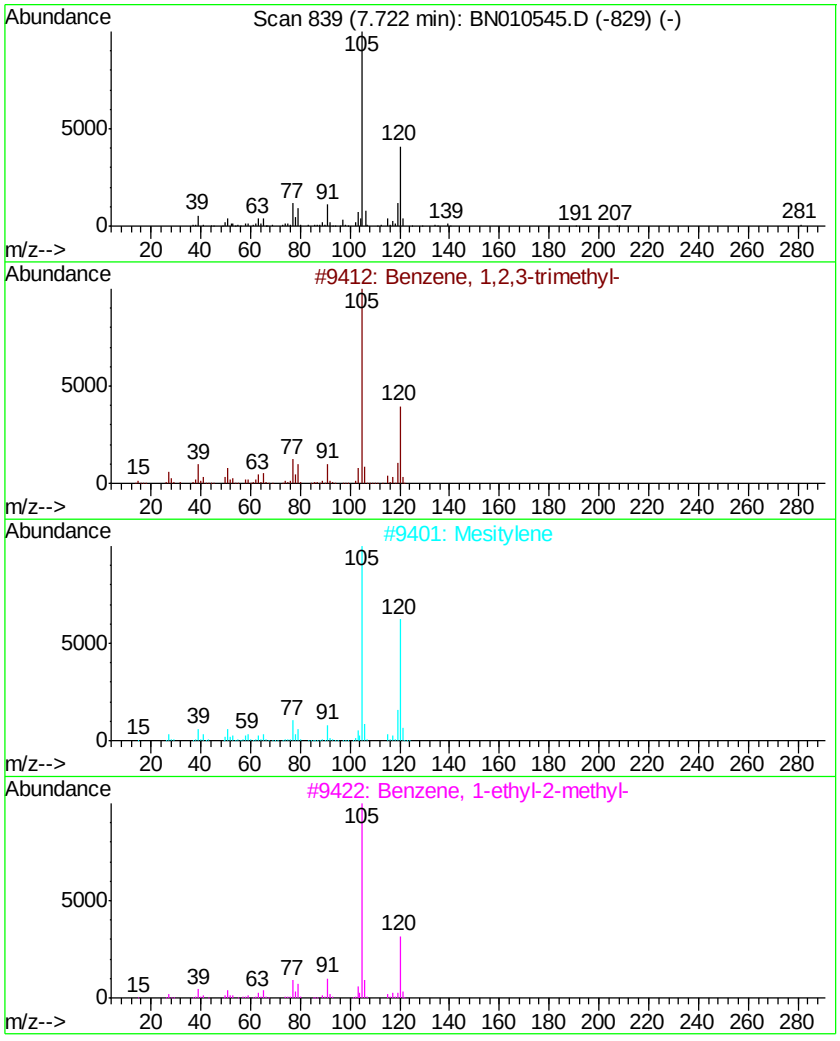
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

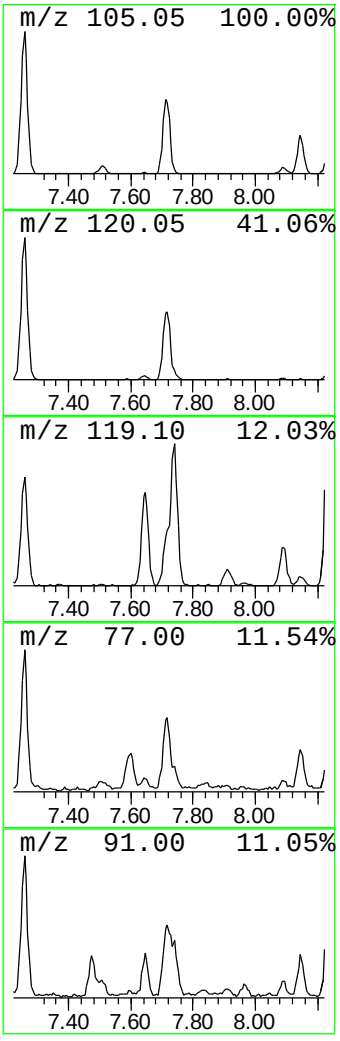
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	4.55 ng/ul	757289	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

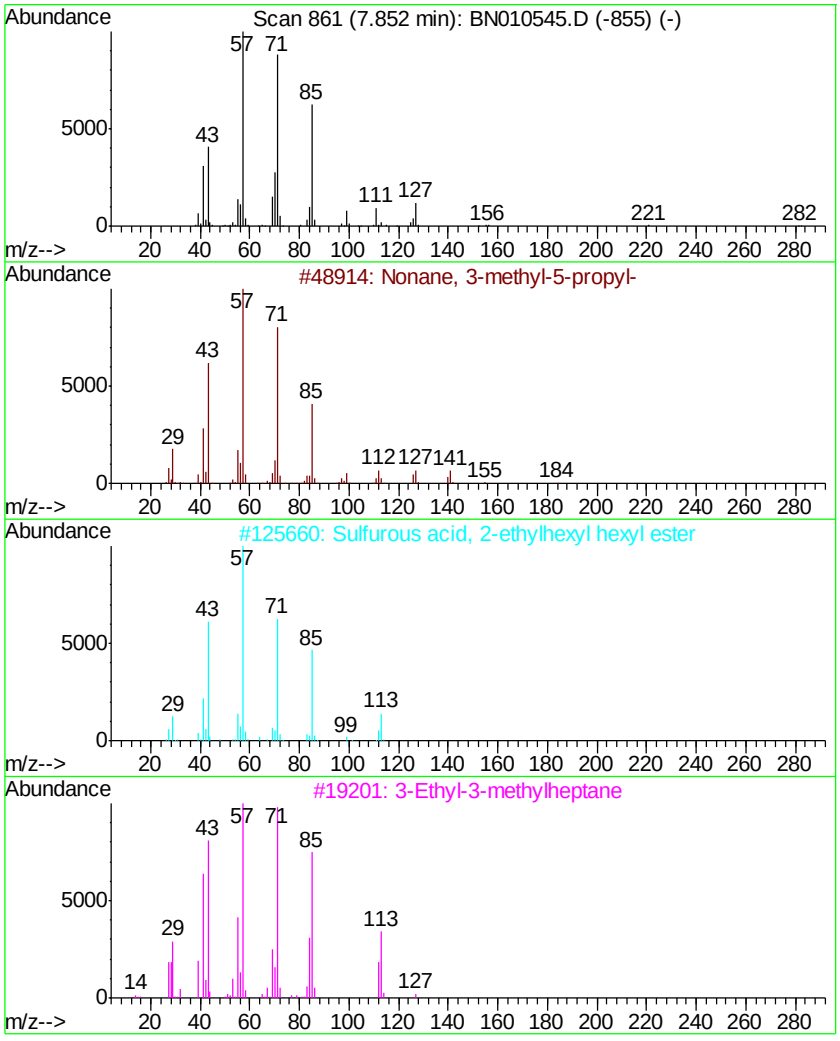
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

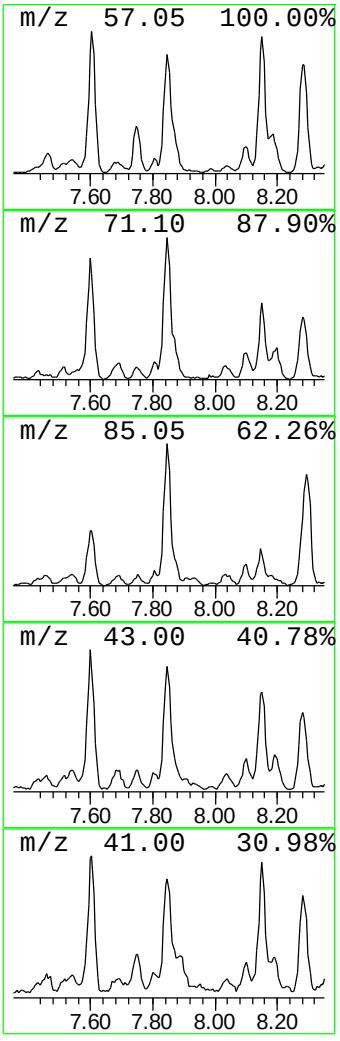
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.96 ng/ul	992747	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
4	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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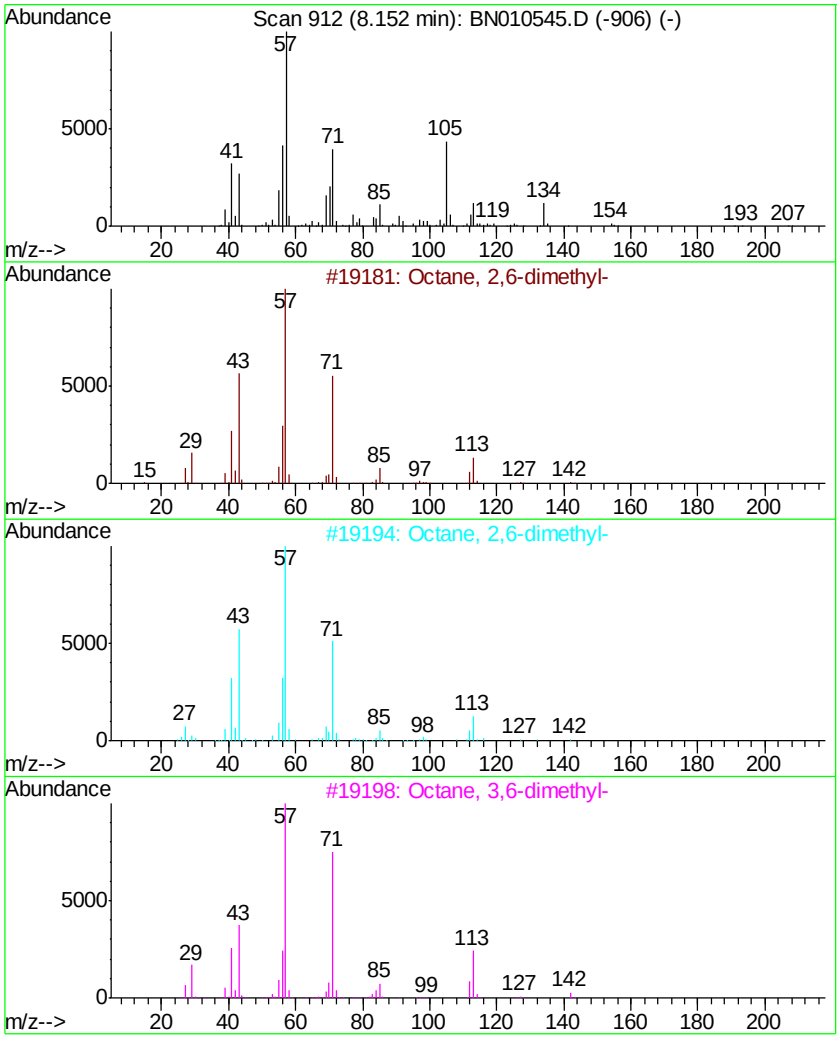
Quant Title : SVOA CALIBRATION

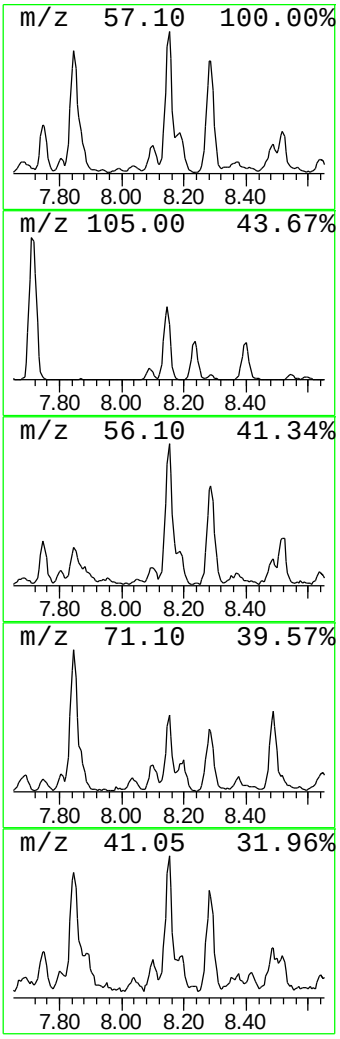
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	6.35 ng/ul	1058620	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
4	Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	47
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43





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Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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Quant Title : SVOA CALIBRATION

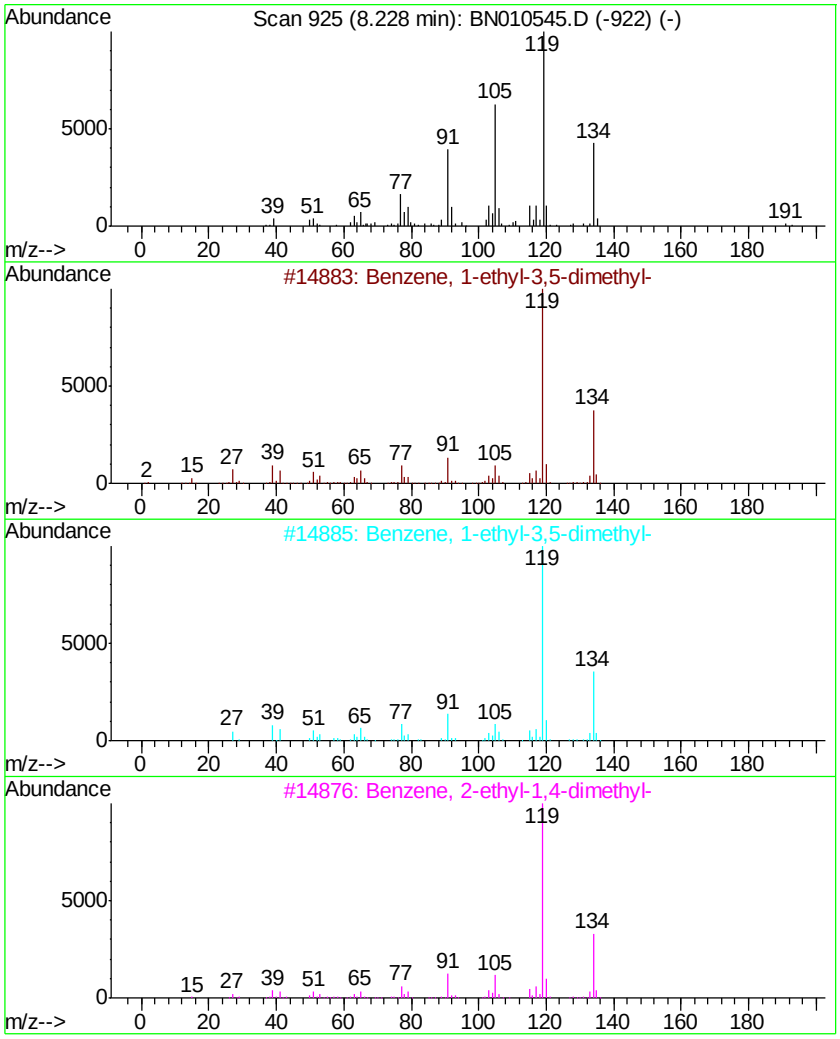
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

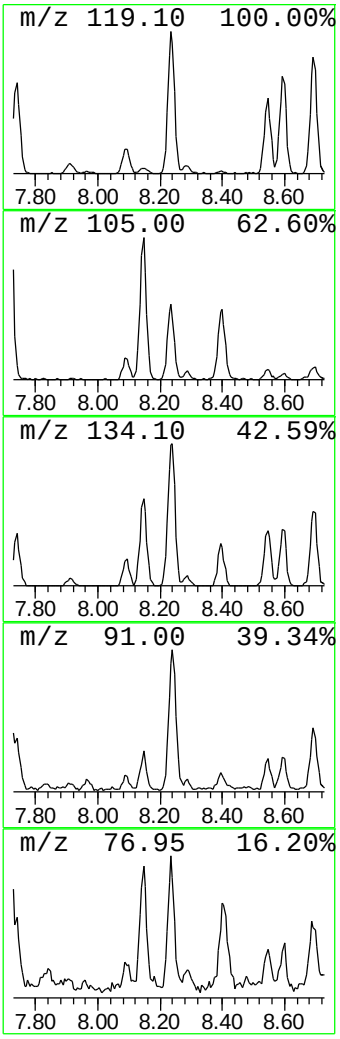
****

Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.04 ng/ul	339671	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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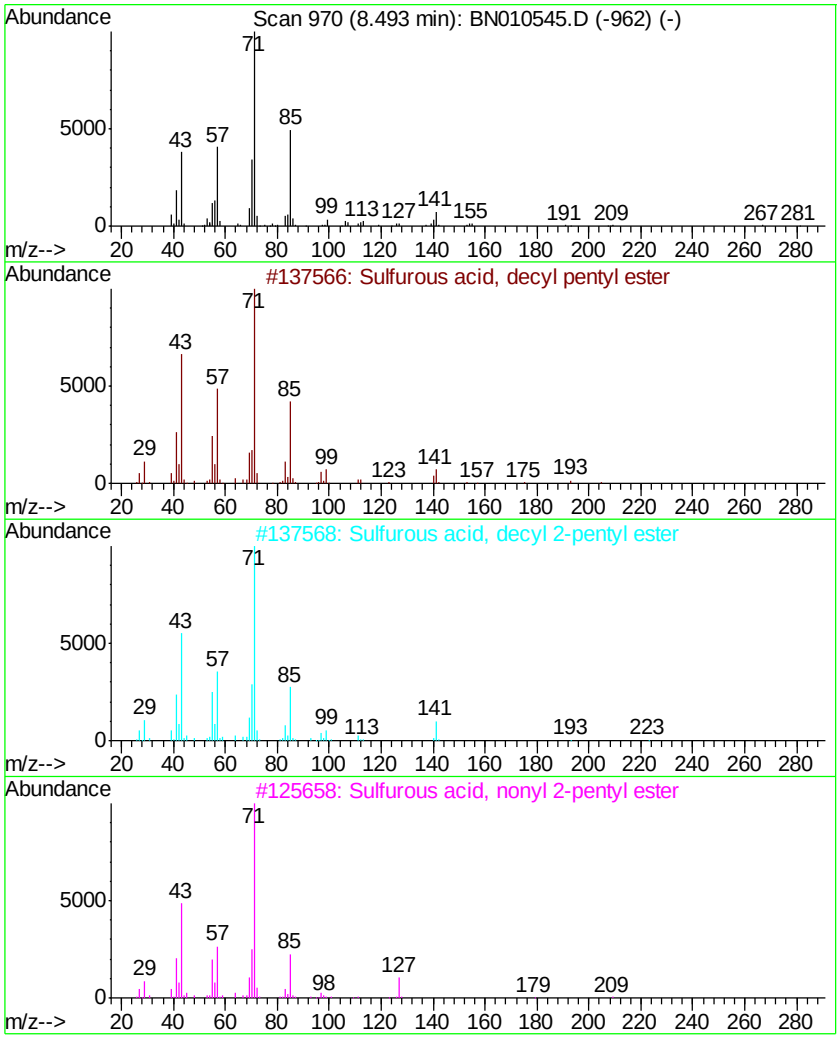
Quant Title : SVOA CALIBRATION

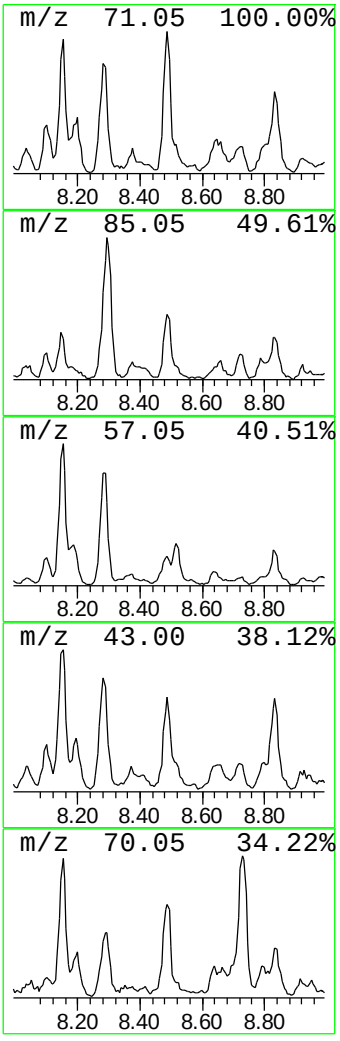
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Sulfurous acid, decyl penty... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	2.76 ng/ul	460452	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	78
2	Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	64
3	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	64
4	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	59
5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	59





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Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

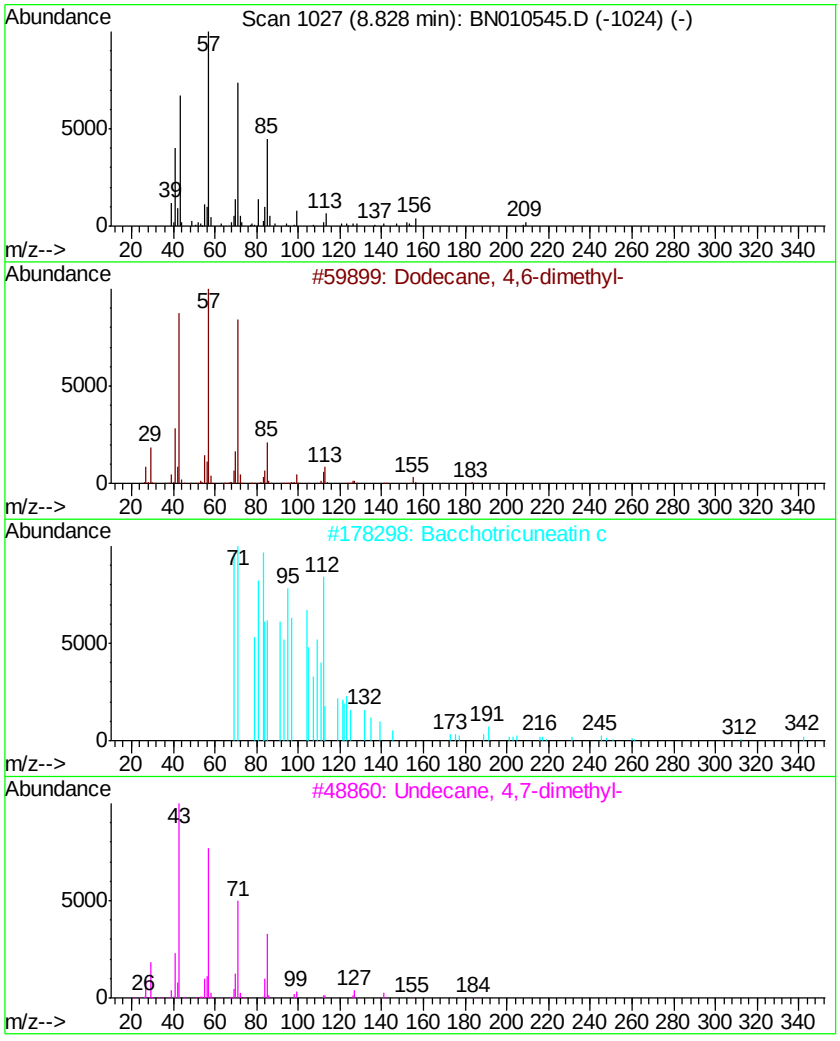
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

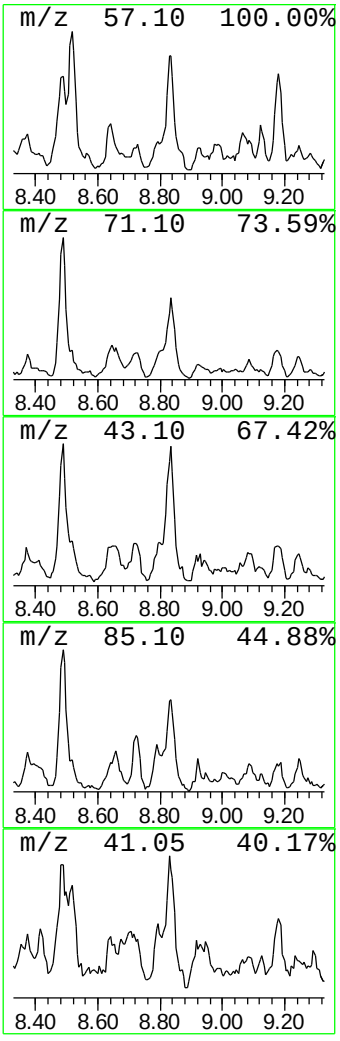
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.80 ng/ul	467273	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
4	Tridecane	184	C13H28	000629-50-5	50
5	Tetradecane	198	C14H30	000629-59-4	50





Library Search Compound Report

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Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

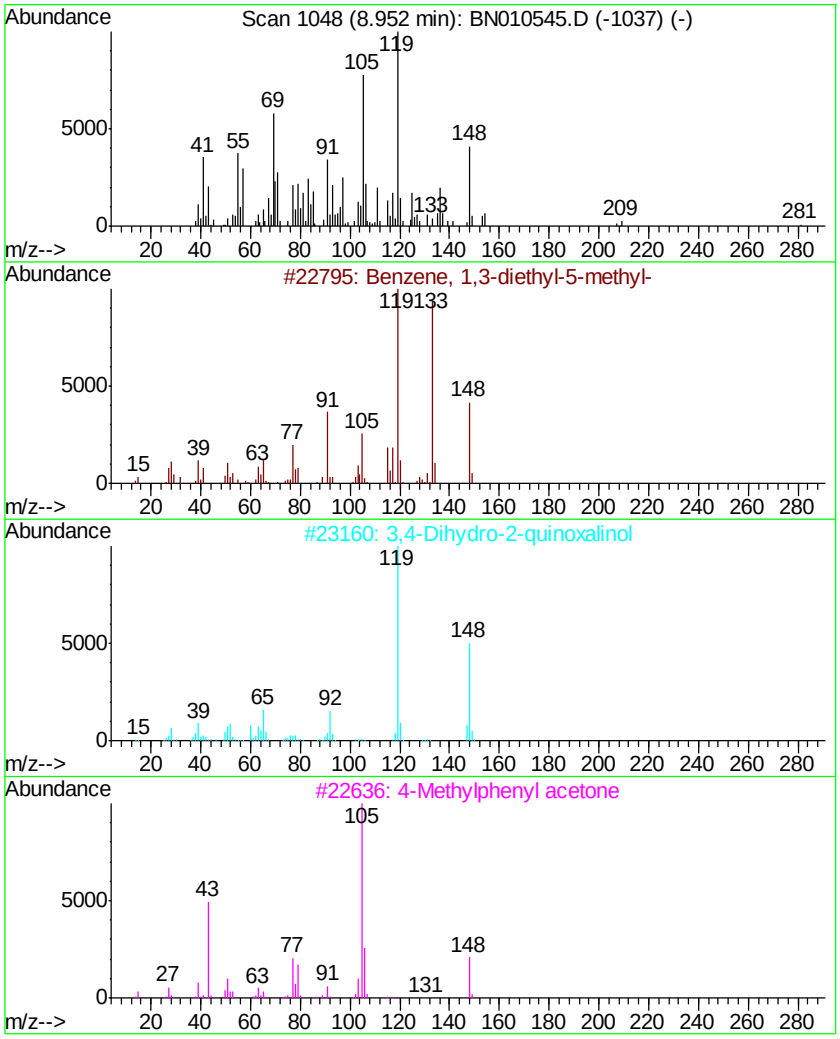
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

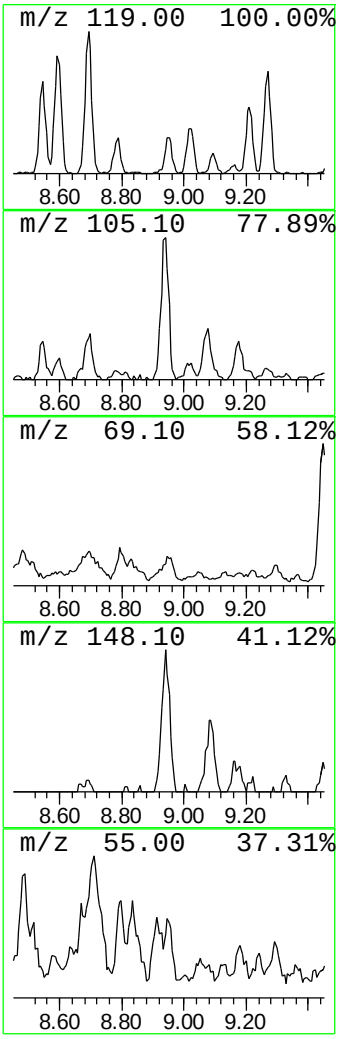
****

Peak Number 14 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	3.12 ng/ul	520287	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
2	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	43
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38





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Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

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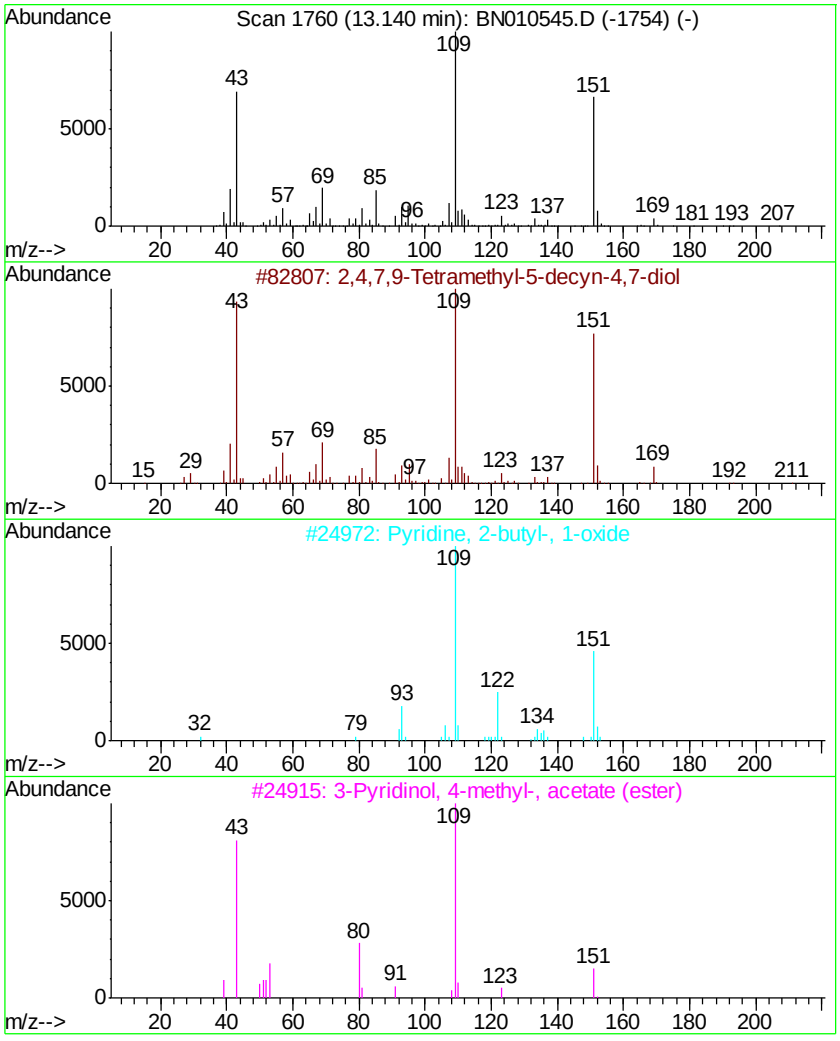
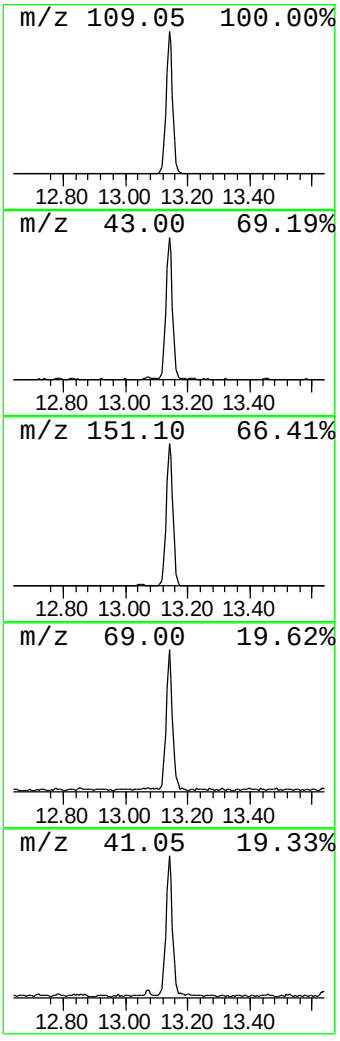
Peak Number 15 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	8.03 ng/ul	2343060	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	58
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53





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Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

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Quant Title : SVOA CALIBRATION

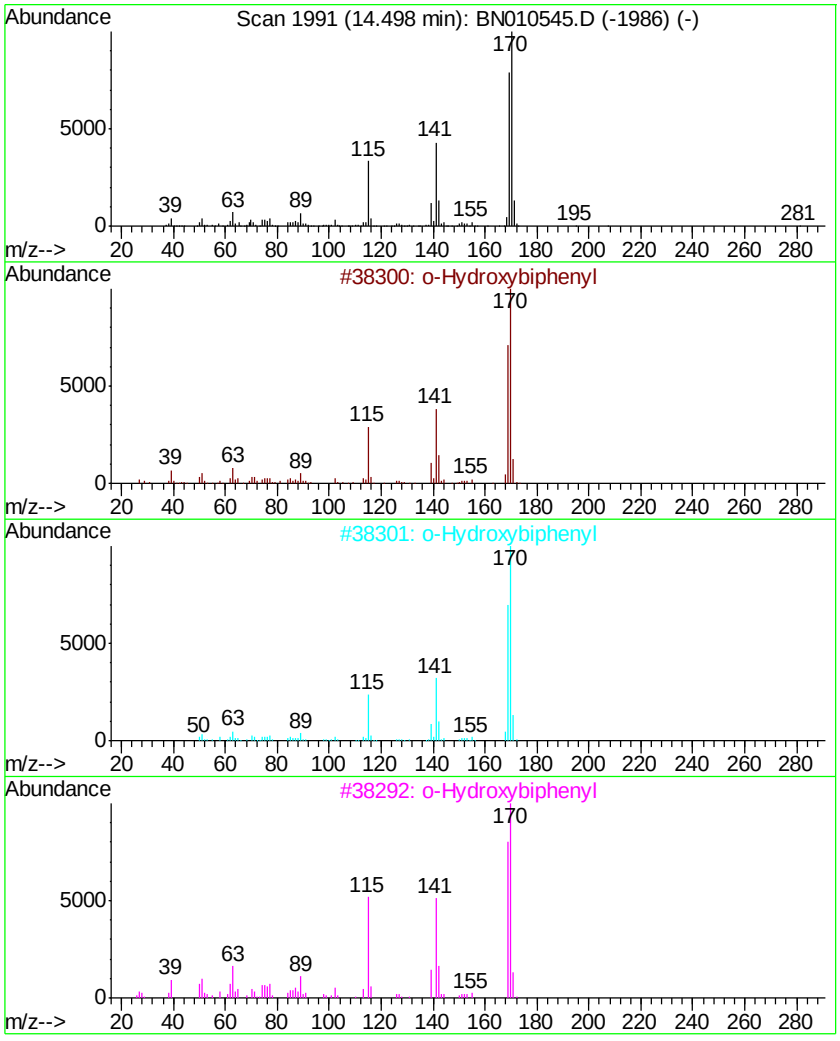
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

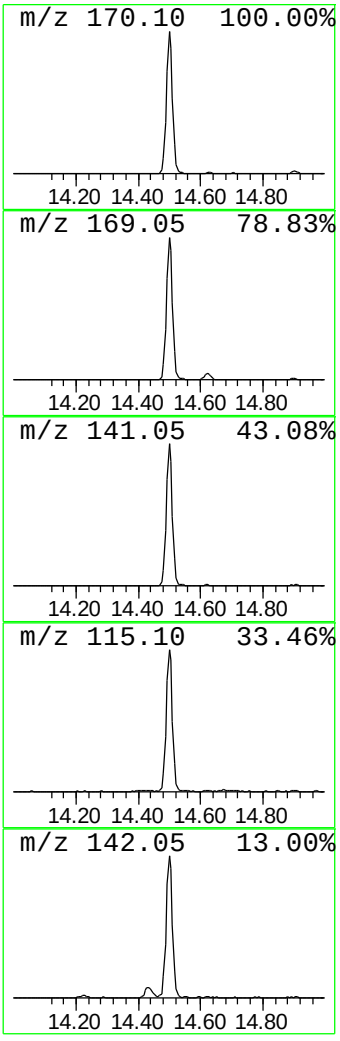
****

Peak Number 16 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	10.87 ng/ul	3171140	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87





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Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

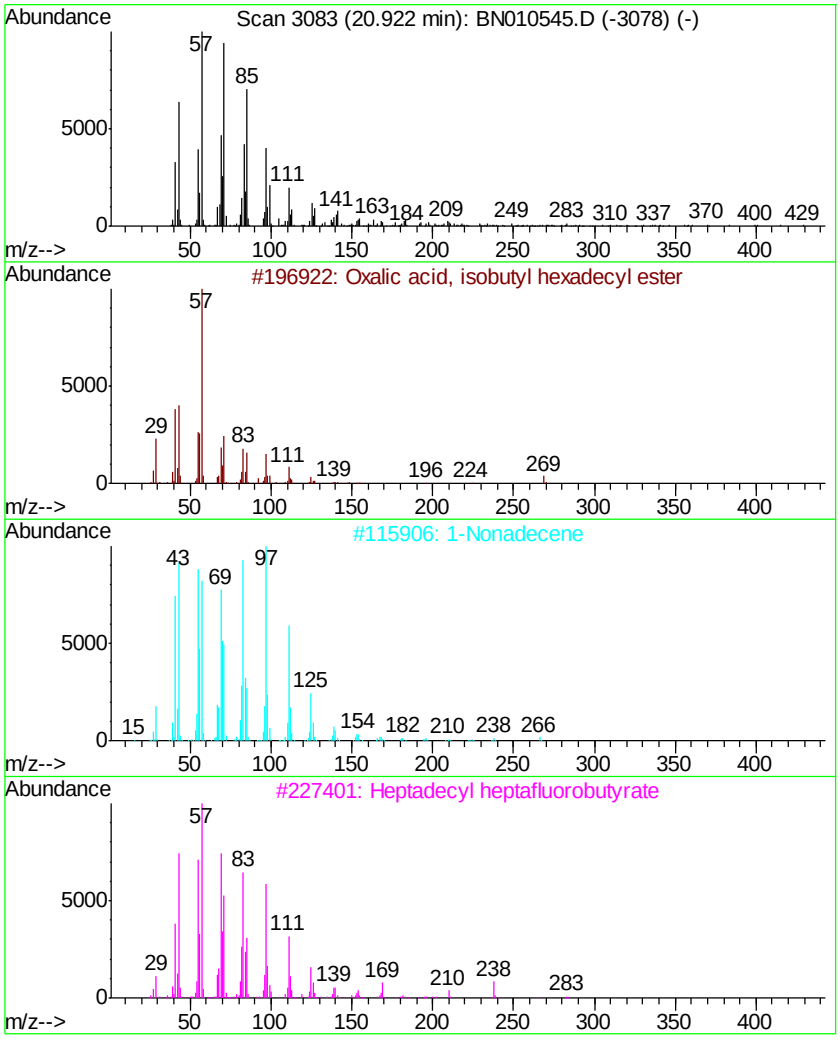
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

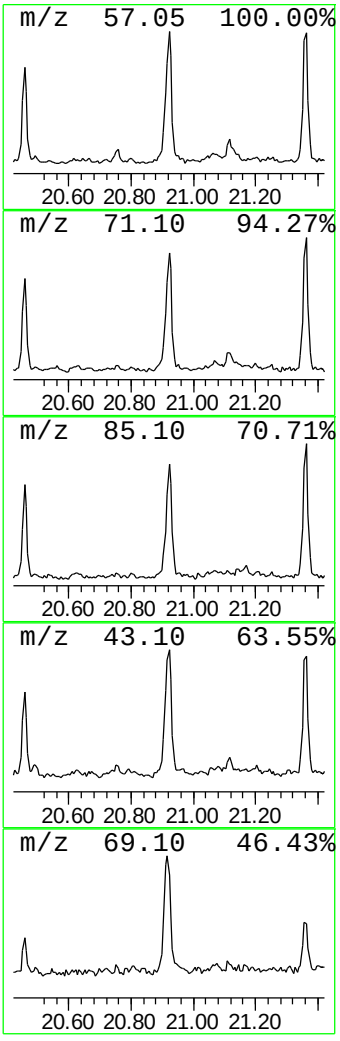
****

Peak Number 17 Oxalic acid, isobutyl hexad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.16 ng/ul	953995	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	81
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74





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Misc :
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ClientSampleId : BG2J3

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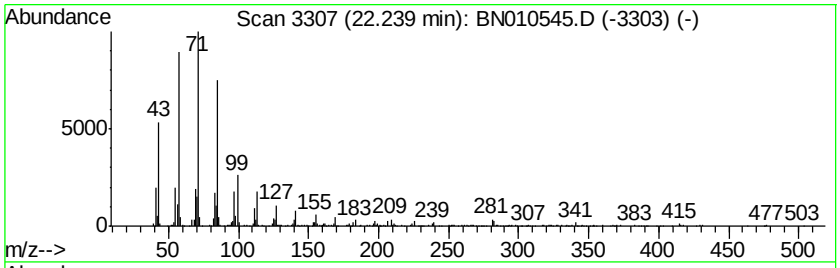
Quant Title : SVOA CALIBRATION

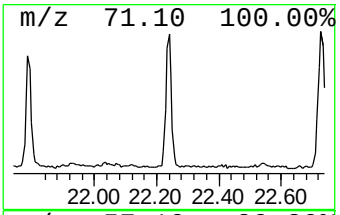
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

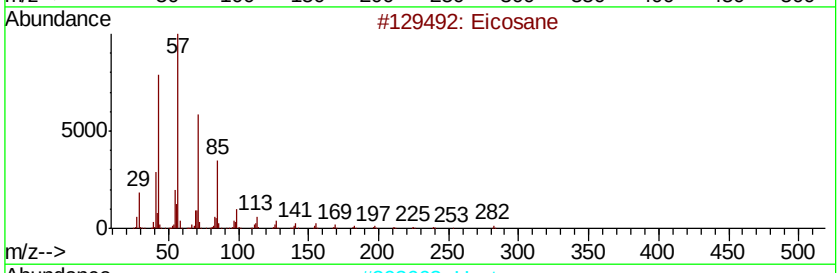
****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 18

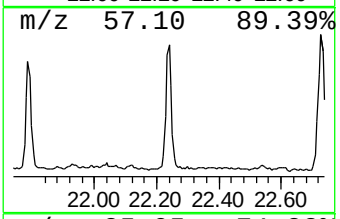
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.19 ng/ul	967397	Chrysene-d12	21.17

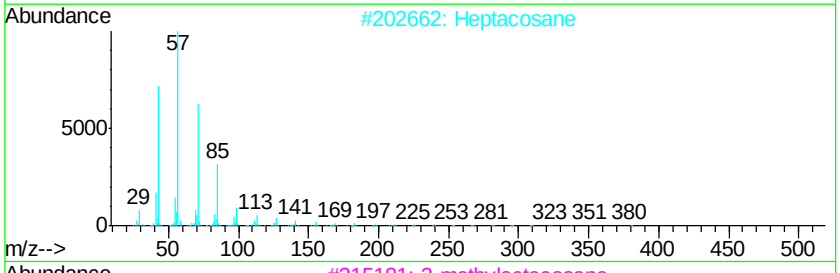
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90

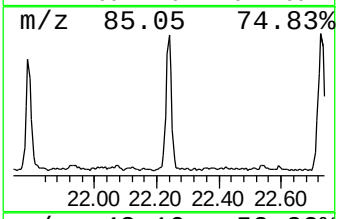


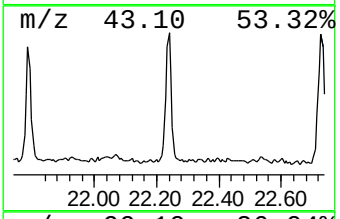


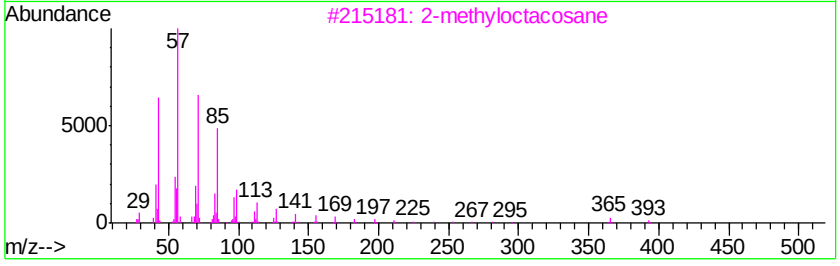


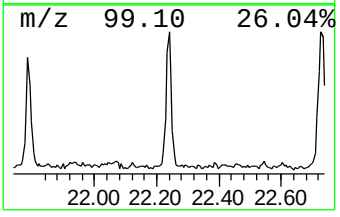












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

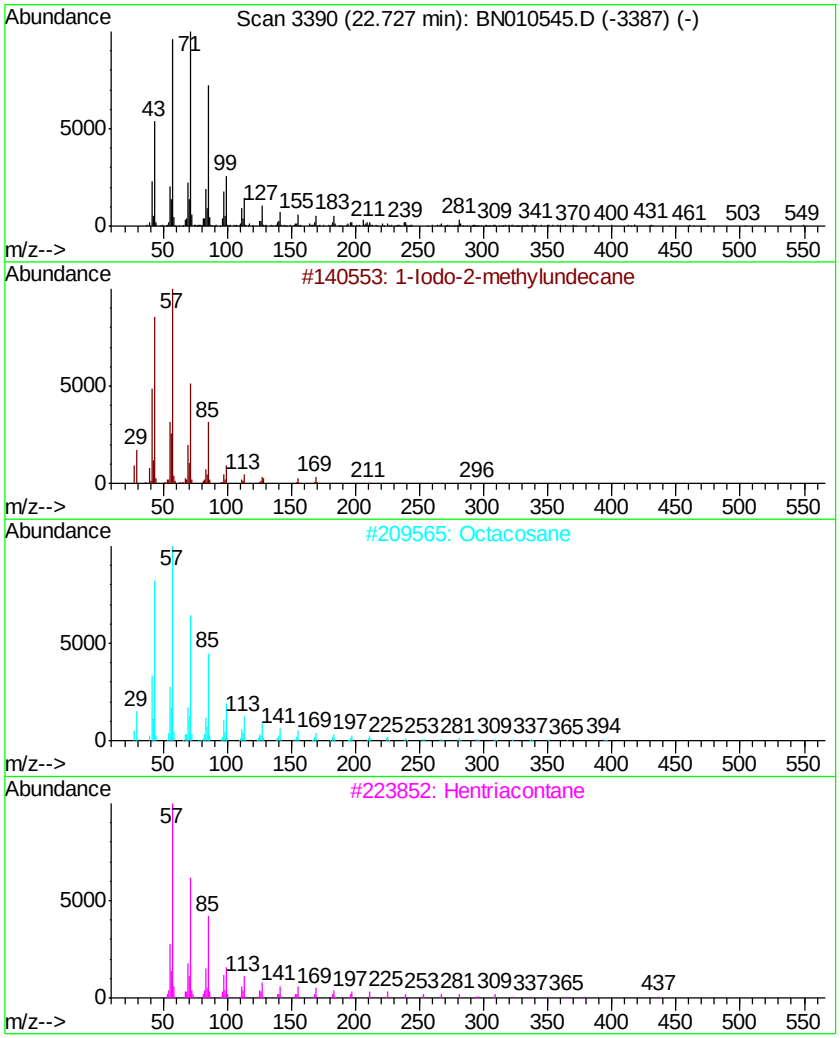
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

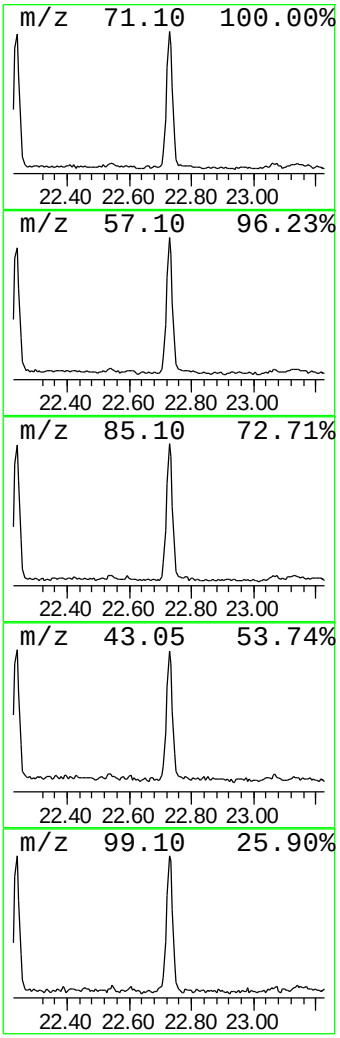
****

Peak Number 19 1-Iodo-2-methylundecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.14 ng/ul	1217090	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

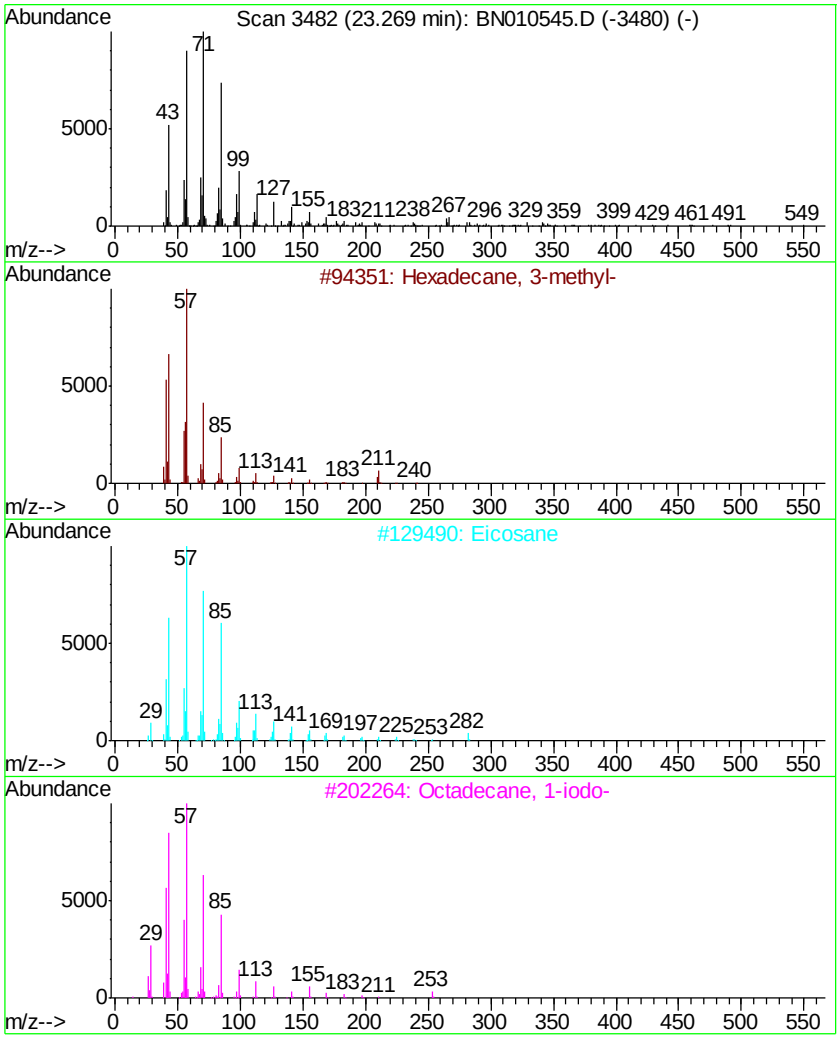
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

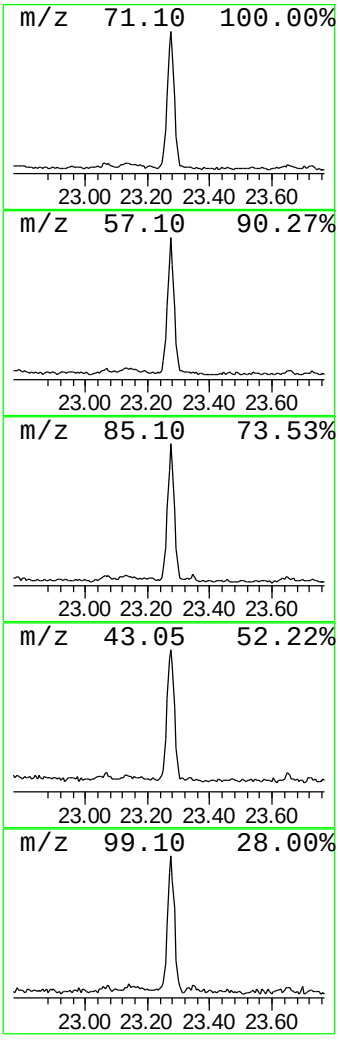
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	2.56 ng/ul	993883	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
2	Eicosane	282	C20H42	000112-95-8	80
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

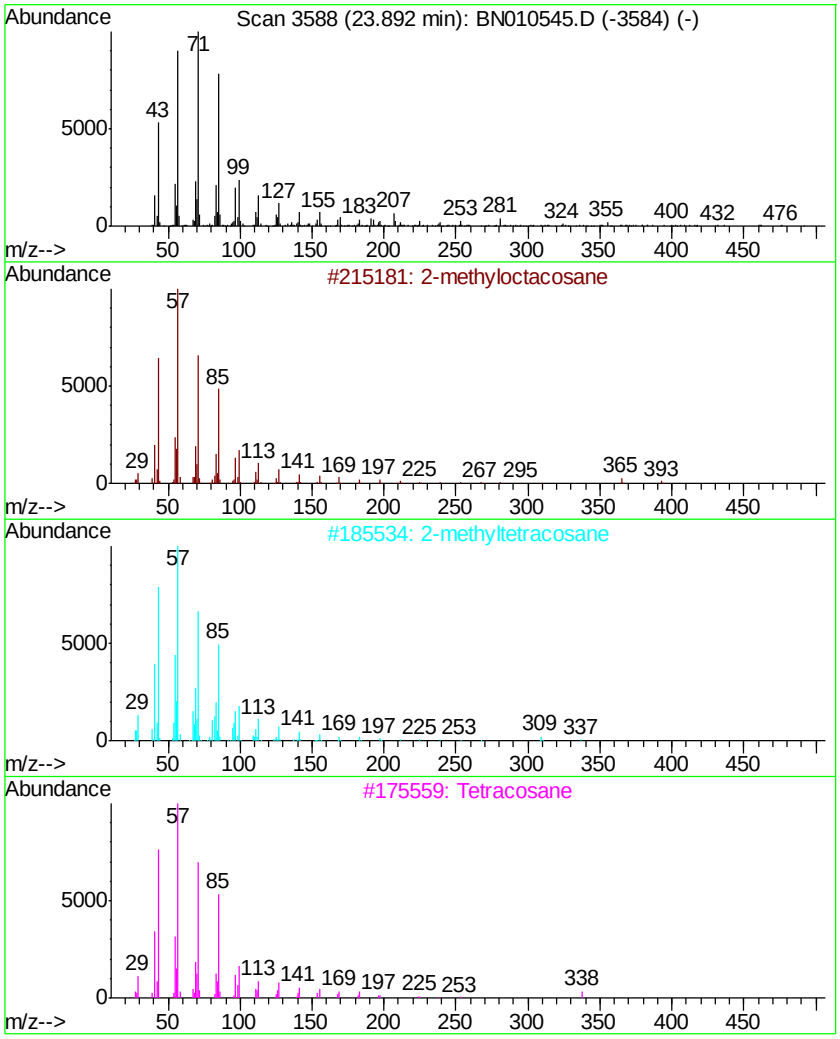
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

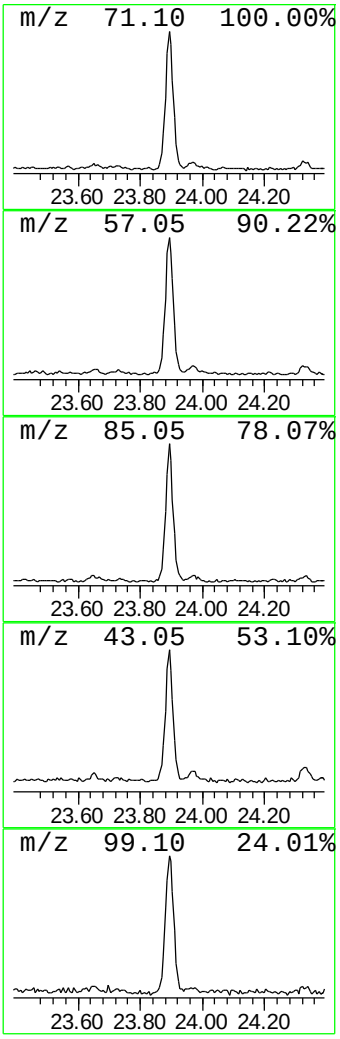
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.72 ng/ul	1052900	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	2-methyltetracosane	352	C25H52	1000376-72-6	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010545.D
Acq On : 17 Apr 2020 08:27
Operator : CG/JU
Sample : L2176-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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
(DEL) Alkane: Cyc...	2.89	3.5	ng/ul	586368	1	7.59	3332090	20.0
Butane, 2-methoxy...	2.96	10.8	ng/ul	1804780	1	7.59	3332090	20.0
Dodecane, 1-fluoro-	6.63	2.3	ng/ul	378407	1	7.59	3332090	20.0
Mesitylene	6.85	2.7	ng/ul	442763	1	7.59	3332090	20.0
Benzene, 1,2,3-tr...	7.26	8.1	ng/ul	1353380	1	7.59	3332090	20.0
Benzene, 1-ethyl-...	7.72	4.5	ng/ul	757289	1	7.59	3332090	20.0
(DEL) Alkane: Str...	7.85	6.0	ng/ul	992747	1	7.59	3332090	20.0
(DEL) Alkane: Str...	8.15	6.3	ng/ul	1058620	1	7.59	3332090	20.0
Benzene, 1-ethyl-...	8.23	2.0	ng/ul	339671	1	7.59	3332090	20.0
Sulfurous acid, d...	8.49	2.8	ng/ul	460452	1	7.59	3332090	20.0
(DEL) Alkane: Str...	8.83	2.8	ng/ul	467273	1	7.59	3332090	20.0
Benzene, 1,3-diet...	8.95	3.1	ng/ul	520287	1	7.59	3332090	20.0
2,4,7,9-Tetrameth...	13.14	8.0	ng/ul	2343060	3	14.22	5833300	20.0
o-Hydroxybiphenyl	14.50	10.9	ng/ul	3171140	3	14.22	5833300	20.0
Oxalic acid, isob...	20.92	2.2	ng/ul	953995	5	21.17	8814700	20.0
(DEL) Alkane: Str...	22.24	2.2	ng/ul	967397	5	21.17	8814700	20.0
1-Iodo-2-methylun...	22.73	3.1	ng/ul	1217090	6	23.35	7752150	20.0
(DEL) Alkane: Str...	23.27	2.6	ng/ul	993883	6	23.35	7752150	20.0
(DEL) Alkane: Str...	23.89	2.7	ng/ul	1052900	6	23.35	7752150	20.0