LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

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-BM092719MA.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	3.269	44	48	49	rBV	66287	75180	1.64%	0.119%
2	3.299	49	53	68	rVV	1459281	1778484	38.89%	2.805%
3	3.663	111	115	121	rVB	45427	60724	1.33%	0.096%
4	3.728	121	126	132	rBV	150634	191558	4.19%	0.302%
5	3.981	165	169	176	rVB2	42612	68393	1.50%	0.108%
6	4.263	212	217	224	rBV	327126	413031	9.03%	0.651%
7	4.334	224	229	238	rVV2	41171	63170	1.38%	0.100%
8	4.440	242	247	255	rBV	461916	584584	12.78%	0.922%
9	4.893	317	324	333	rBV	536569	720916	15.76%	1.137%
10	5.446	414	418	428	rVB	75312	170465	3.73%	0.269%
11	5.757	465	471	476	rBV	73983	100982	2.21%	0.159%
12	5.816	476	481	488	rVB	75292	107785	2.36%	0.170%
13	6.787	638	646	659	rBV2	34964	98848	2.16%	0.156%
14	6.963	668	676	678	rBV2	189992	329908	7.21%	0.520%
15	6.993	678	681	685	rVB	152233	215790	4.72%	0.340%
16	7.128	697	704	711	rBV	491688	770485	16.85%	1.215%
17	7.193	711	715	726	rVB	58316	94355	2.06%	0.149%
18	7.328	731	738	747	rVV	566849	897517	19.63%	1.415%
19	7.445	752	758	764	rVB	196859	302535	6.62%	0.477%
20	7.792	810	817	826	rBV	840938	1372311	30.01%	2.164%
21	7.910	832	837	846	rVB	105545	191753	4.19%	0.302%
22	8.169	873	881	888	rVB	103481	186702	4.08%	0.294%
23	8.498	931	937	947	rVV	493133	785919	17.19%	1.239%
24	8.804	984	989	994	rVV	33823	59380	1.30%	0.094%
25	8.898	1000	1005	1008	rVV	86776	136095	2.98%	0.215%
26	8.945	1008	1013	1026	rVV	598914	1087898	23.79%	1.716%
27	9.398	1085	1090	1092	rBV2	34621	59353	1.30%	0.094%
28	9.422	1092	1094	1099	rVB	50484	63362	1.39%	0.100%
29	9.481	1099	1104	1113	rBV	59345	93222	2.04%	0.147%
30	9.669	1129	1136	1143	rBV	506920	847575	18.53%	1.337%
31	9.839	1160	1165	1172	rVV2	55262	107981	2.36%	0.170%
32	9.992	1183	1191	1199	rVV2	127413	276254	6.04%	0.436%
33	10.069	1199	1204	1211	rVV5	43374	105950	2.32%	0.167%
34	10.134	1211	1215	1220	rVV6	29355	56672	1.24%	0.089%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

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-BM092719MA.M
Title : SVOA CALIBRATION

35	10.210	1220	1228	1236	rVV	840893	1416036	30.96%	2.233%
36	10.586	1283	1292	1297	rVV	1262918	2150688	47.03%	3.392%
37	10.633	1297	1300	1308	rVB	217676	350126	7.66%	0.552%
38	10.716	1308	1314	1326	rBV	607121	1131307	24.74%	1.784%
39	11.169	1388	1391	1398	rVV	34285	63382	1.39%	0.100%
40	11.780	1487	1495	1503	rVB4	35309	77430	1.69%	0.122%
41	11.928	1510	1520	1525	rBV	203265	342708	7.49%	0.540%
42	12.251	1569	1575	1579	rVV	200783	335626	7.34%	0.529%
43	12.351	1588	1592	1601	rVB6	28904	58585	1.28%	0.092%
44	12.469	1603	1612	1618	rBV	307419	481605	10.53%	0.760%
45	13.222	1735	1740	1745	rBV6	26357	56682	1.24%	0.089%
46	13.274	1745	1749	1755	rVV	50033	76681	1.68%	0.121%
47	13.339	1755	1760	1766	rVV2	105141	175909	3.85%	0.277%
48	13.610	1792	1806	1810	rBV4	86316	258645	5.66%	0.408%
49	13.751	1825	1830	1836	rBV	122562	241737	5.29%	0.381%
50	13.804	1836	1839	1840	rVV	80193	93312	2.04%	0.147%
51	13.839	1840	1845	1849	rVV	1543998	2164375	47.33%	3.413%
52	13.886	1849	1853	1863	rVB	890326	1219087	26.66%	1.923%
53	13.986	1866	1870	1873	rVV	55372	72981	1.60%	0.115%
54	14.022	1873	1876	1883	rVB5	45213	86829	1.90%	0.137%
55	14.121	1883	1893	1904	rBV	1794849	2733385	59.77%	4.311%
56	14.233	1908	1912	1918	rBV2	35165	65823	1.44%	0.104%
57	14.280	1918	1920	1925	rVB2	43257	59447	1.30%	0.094%
58	14.345	1925	1931	1936	rBV8	31364	63109	1.38%	0.100%
59	14.433	1938	1946	1952	rBV	1998910	3122923	68.29%	4.925%
60	14.492	1952	1956	1963	rVB	219078	355210	7.77%	0.560%
61	14.633	1973	1980	1987	rBV	178547	317435	6.94%	0.501%
62	14.827	2009	2013	2015	rBV2	44031	67107	1.47%	0.106%
63	14.904	2022	2026	2030	rVB4	46362	64066	1.40%	0.101%
64	15.068	2044	2054	2058	rBV3	82953	183289	4.01%	0.289%
65	15.204	2072	2077	2079	rBV	58120	88925	1.94%	0.140%
66	15.421	2108	2114	2120	rBV	2413194	3302602	72.22%	5.208%
67	15.474	2120	2123	2128	rVB	98055	144883	3.17%	0.228%
68	15.533	2128	2133	2141	rBV	658825	942366	20.61%	1.486%
69	15.657	2150	2154	2157	rBV2	61762	90984	1.99%	0.143%
70	15.933	2196	2201	2211	rVB2	107667	193969	4.24%	0.306%
71	16.098	2225	2229	2234	rBV	112050	168365	3.68%	0.266%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

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-BM092719MA.M
Title : SVOA CALIBRATION

72	16.151	2235	2238	2245	rVB6	54203	87999	1.92%	0.139%
73	16.439	2283	2287	2290	rBV	46615	72154	1.58%	0.114%
74	16.580	2308	2311	2316	rVB3	60258	75779	1.66%	0.120%
75	17.168	2405	2411	2416	rBV2	2385481	3313948	72.46%	5.226%
76	17.210	2416	2418	2422	rVV	185268	216610	4.74%	0.342%
77	17.268	2422	2428	2438	rVB	2628188	3632219	79.42%	5.728%
78	17.351	2438	2442	2448	rBV7	33533	68403	1.50%	0.108%
79	17.939	2539	2542	2550	rVB4	47273	73664	1.61%	0.116%
80	18.074	2560	2565	2572	rVV	1145838	1610115	35.21%	2.539%
81	18.139	2573	2576	2587	rVB	95385	164026	3.59%	0.259%
82	18.368	2612	2615	2624	rVB4	34774	79738	1.74%	0.126%
83	18.927	2707	2710	2714	rBV	108870	132837	2.90%	0.209%
84	19.004	2720	2723	2730	rBV	67474	86655	1.89%	0.137%
85	19.227	2759	2761	2764	rVB	64573	63244	1.38%	0.100%
86	19.351	2778	2782	2792	rBV	282464	409905	8.96%	0.646%
87	19.562	2812	2818	2822	rBV	3361878	4573279	100.00%	7.212%
88	19.603	2822	2825	2834	rVB	787562	1038859	22.72%	1.638%
89	20.115	2909	2912	2916	rVB	156388	169432	3.70%	0.267%
90	20.356	2950	2953	2956	rVB2	120346	120352	2.63%	0.190%
91	20.609	2993	2996	3000	rVB	179783	187993	4.11%	0.296%
92	21.068	3069	3074	3083	rBV2	1075950	1453352	31.78%	2.292%
93	21.350	3117	3122	3127	rBV	2374479	2923659	63.93%	4.611%
94	21.509	3146	3149	3154	rVB	301044	302755	6.62%	0.477%
95	21.950	3220	3224	3229	rBV	284357	380164	8.31%	0.600%
96	22.415	3299	3303	3307	rBV	279123	366060	8.00%	0.577%
97	22.544	3322	3325	3331	rVB	349482	456038	9.97%	0.719%
98	22.927	3387	3390	3395	rVB	239653	322318	7.05%	0.508%
99	23.468	3476	3482	3487	rBV	1608836	2983632	65.24%	4.705%
100	23.609	3500	3506	3520	rVB	1419705	2750387	60.14%	4.338%

Sum of corrected areas: 63408332

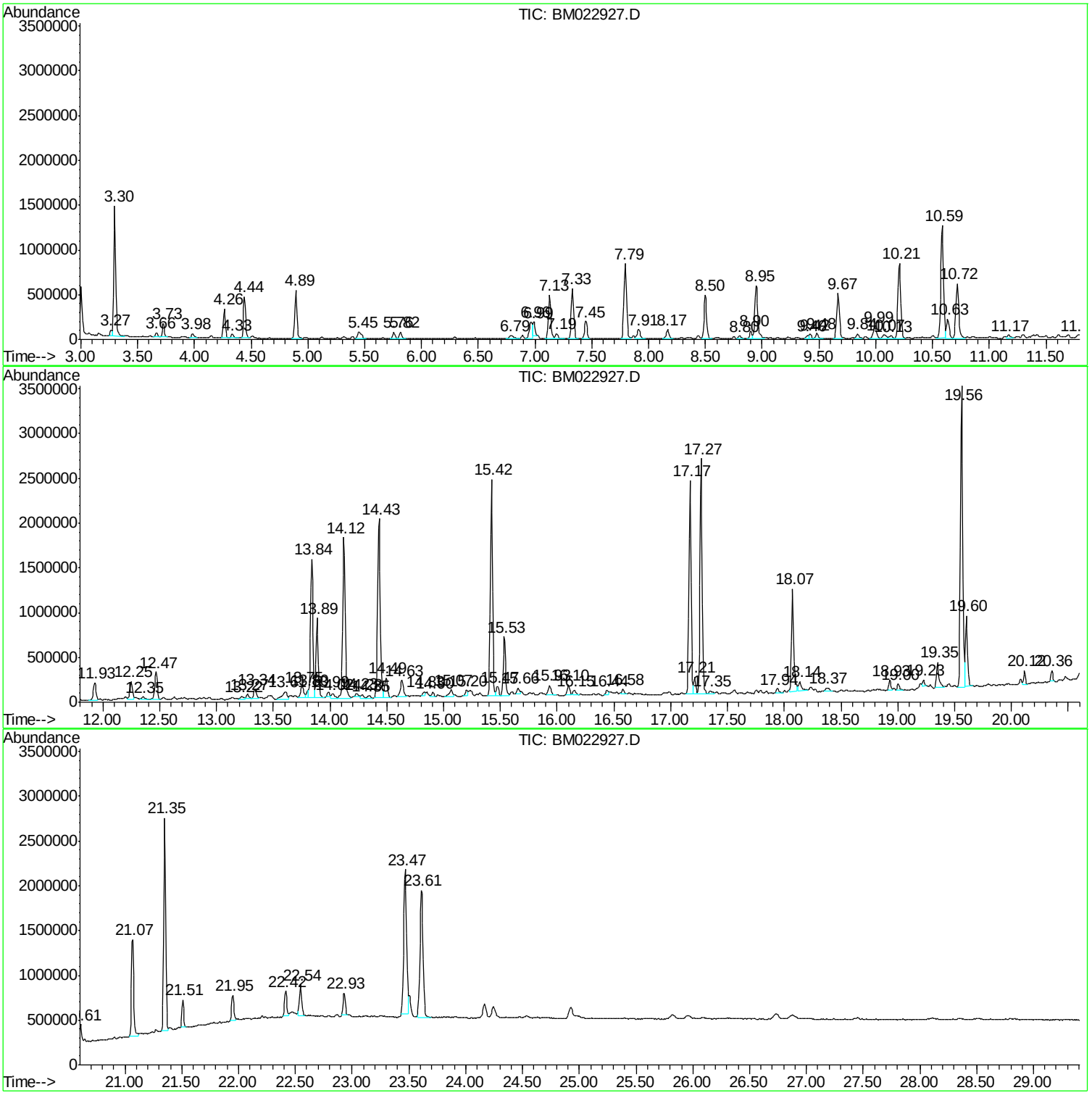
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

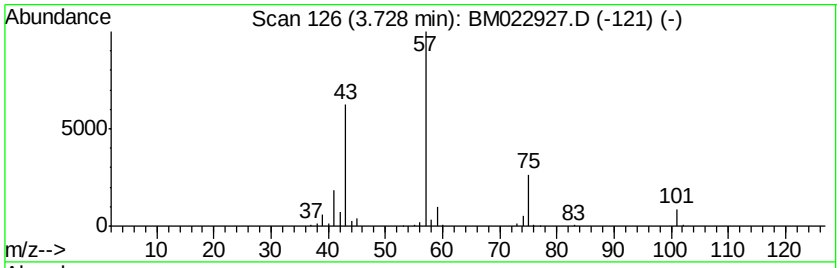
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

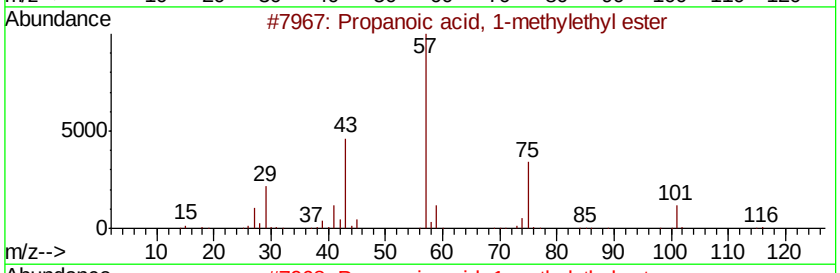
****

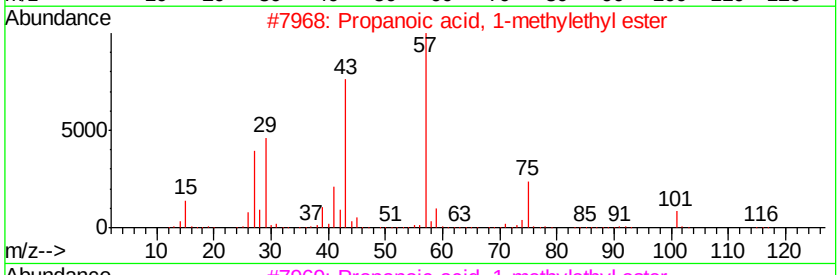
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 12

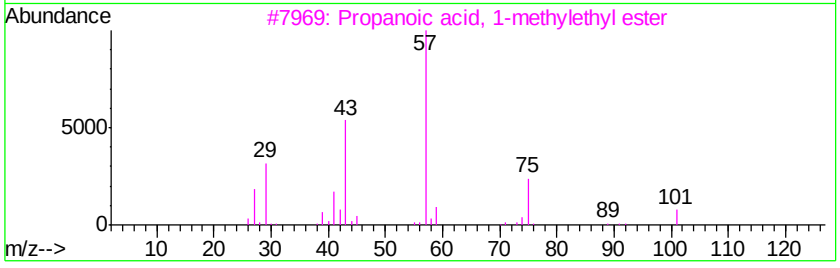
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.79 ng/ul	191558	1,4-Dichlorobenzene-d4	7.79

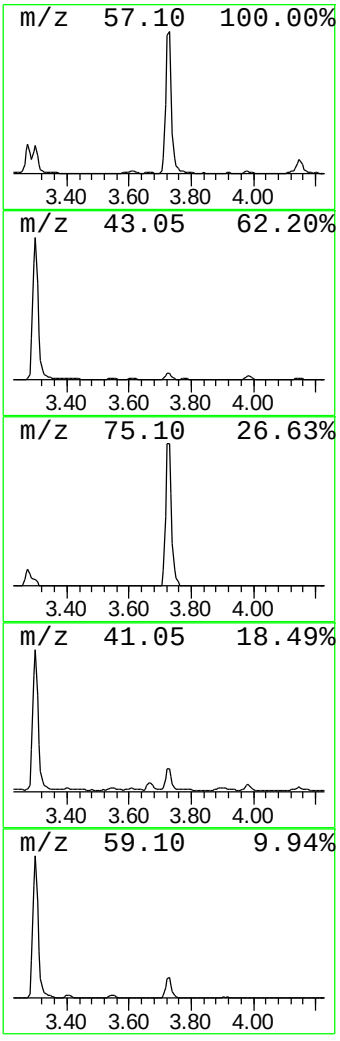
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

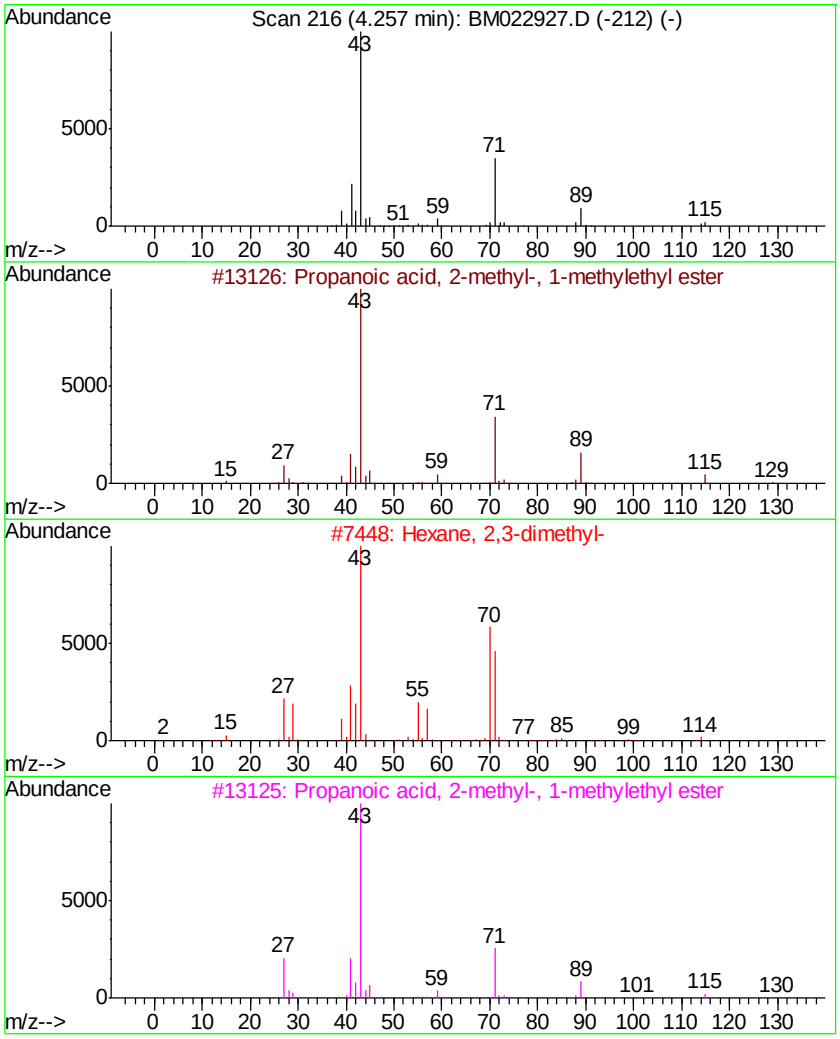
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

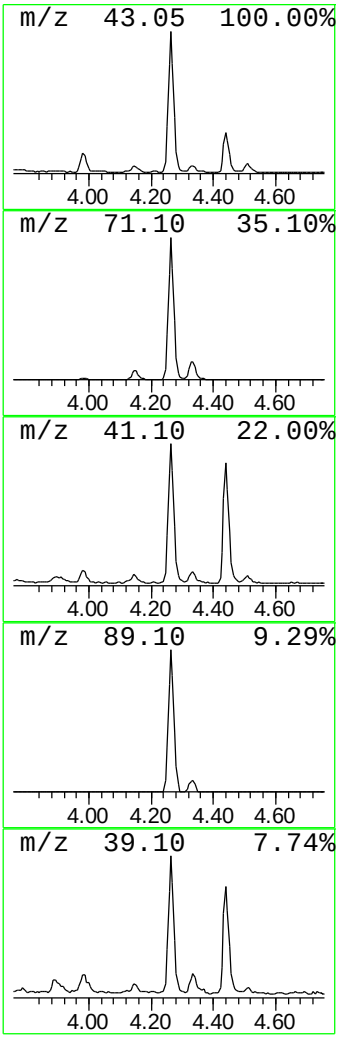
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	6.02 ng/ul	413031	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

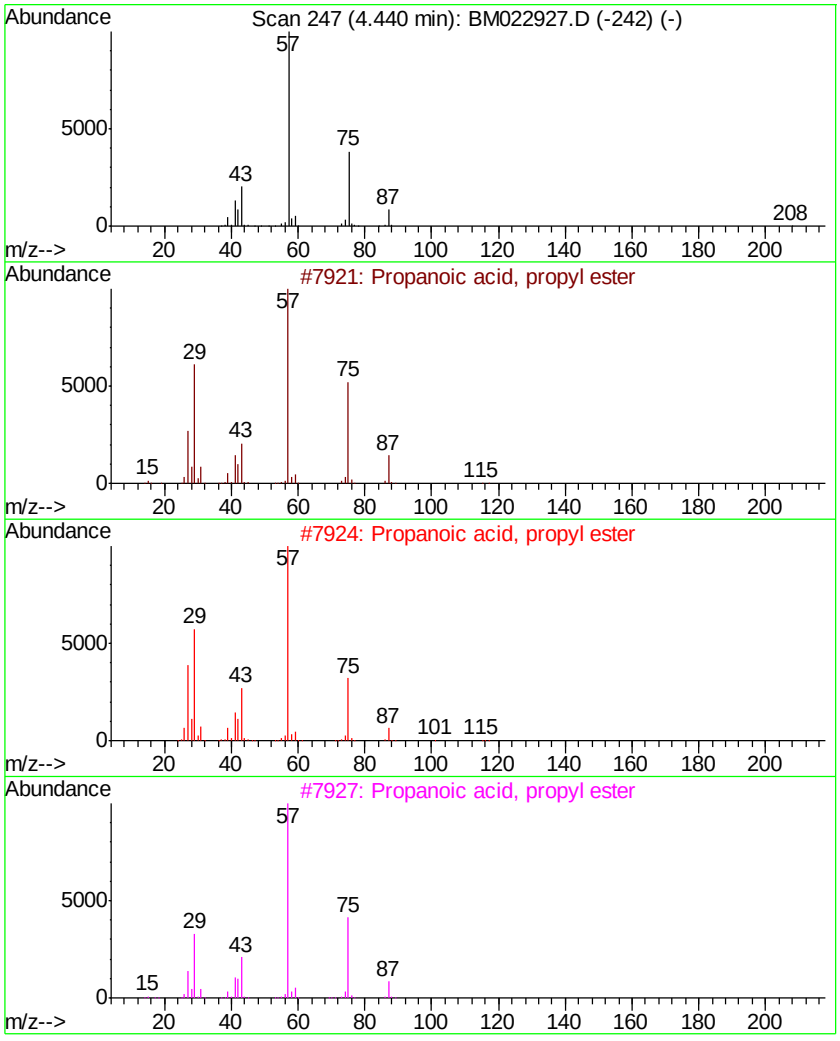
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

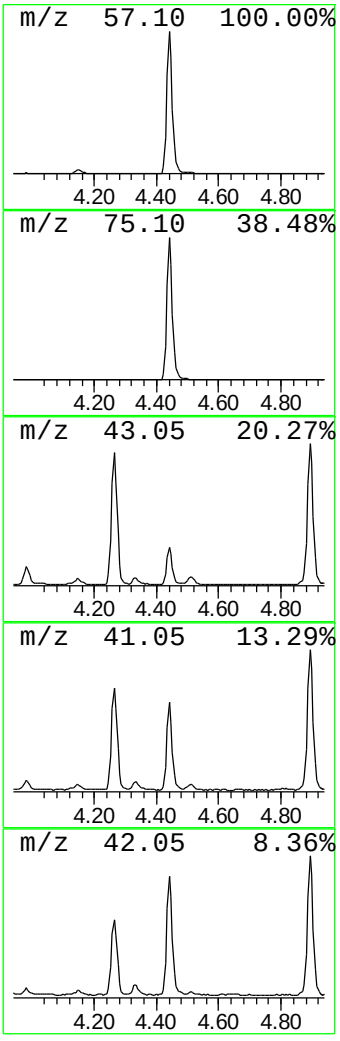
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	8.52 ng/ul	584584	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	47
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

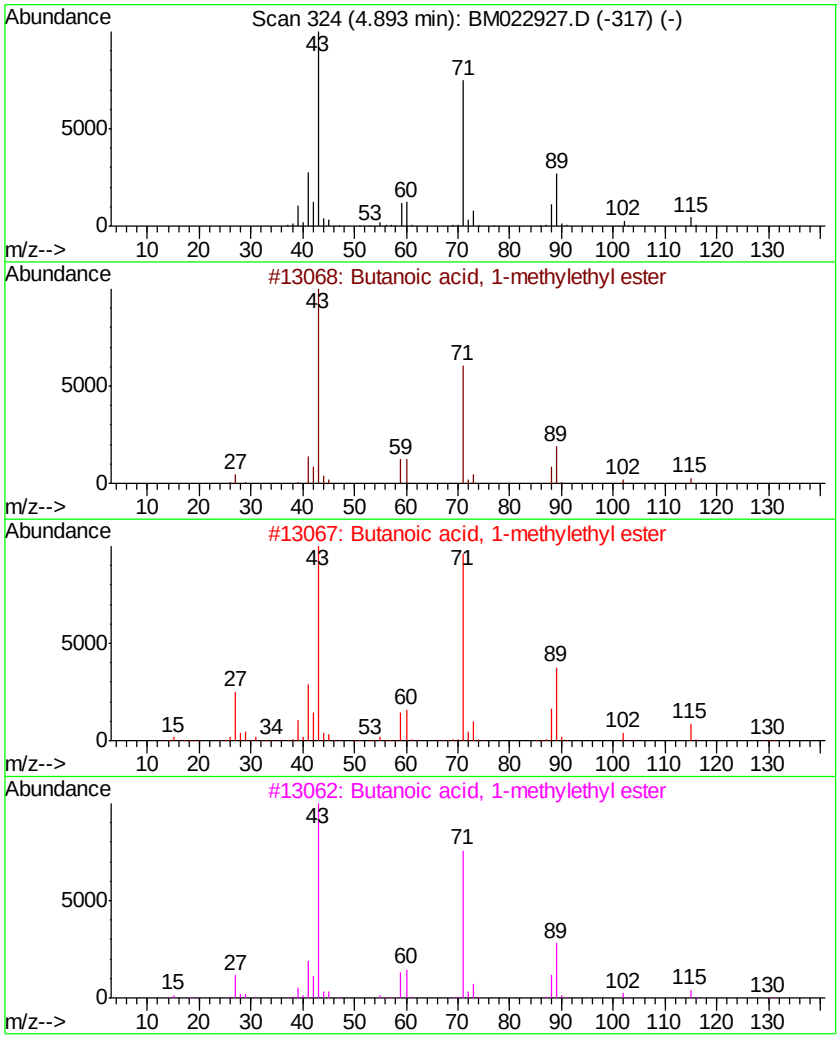
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

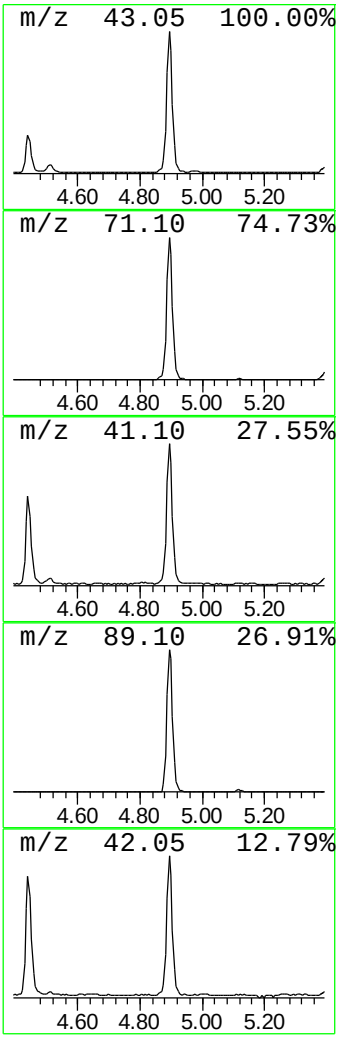
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	10.51 ng/ul	720916	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

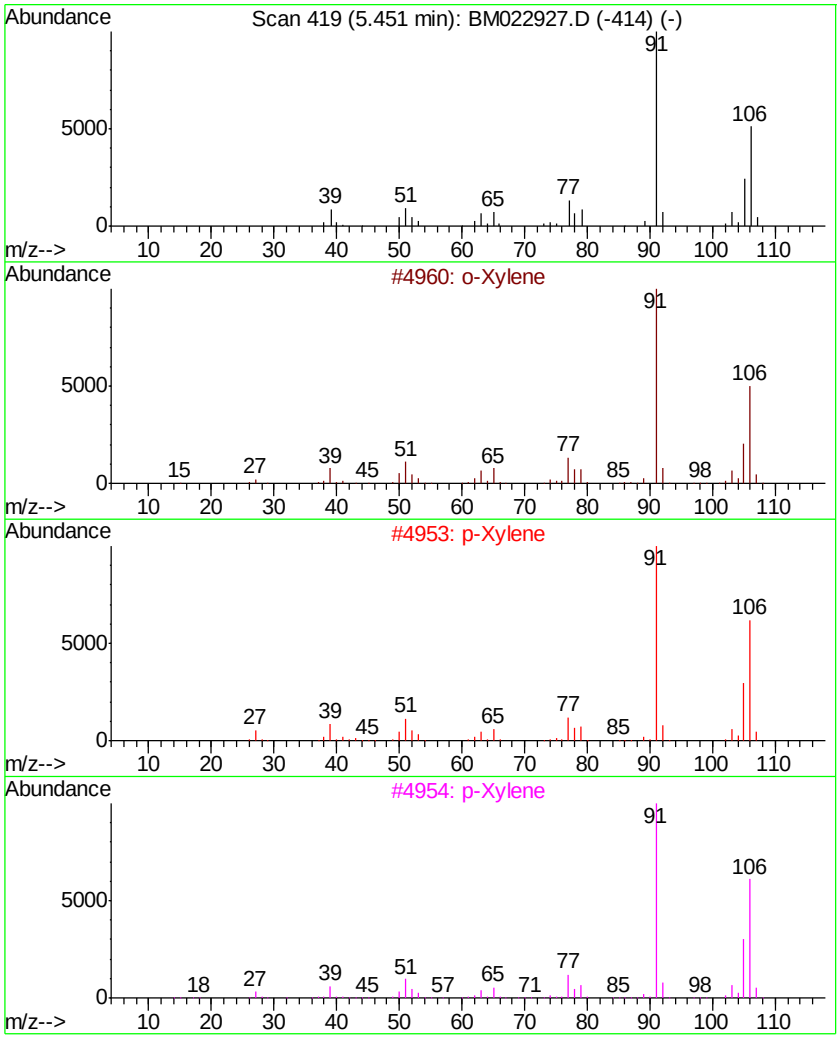
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

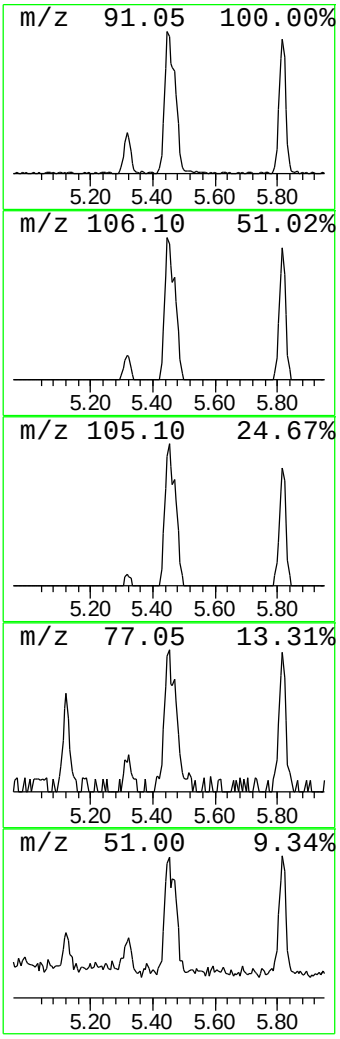
****

Peak Number 5 o-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	2.48 ng/ul	170465	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

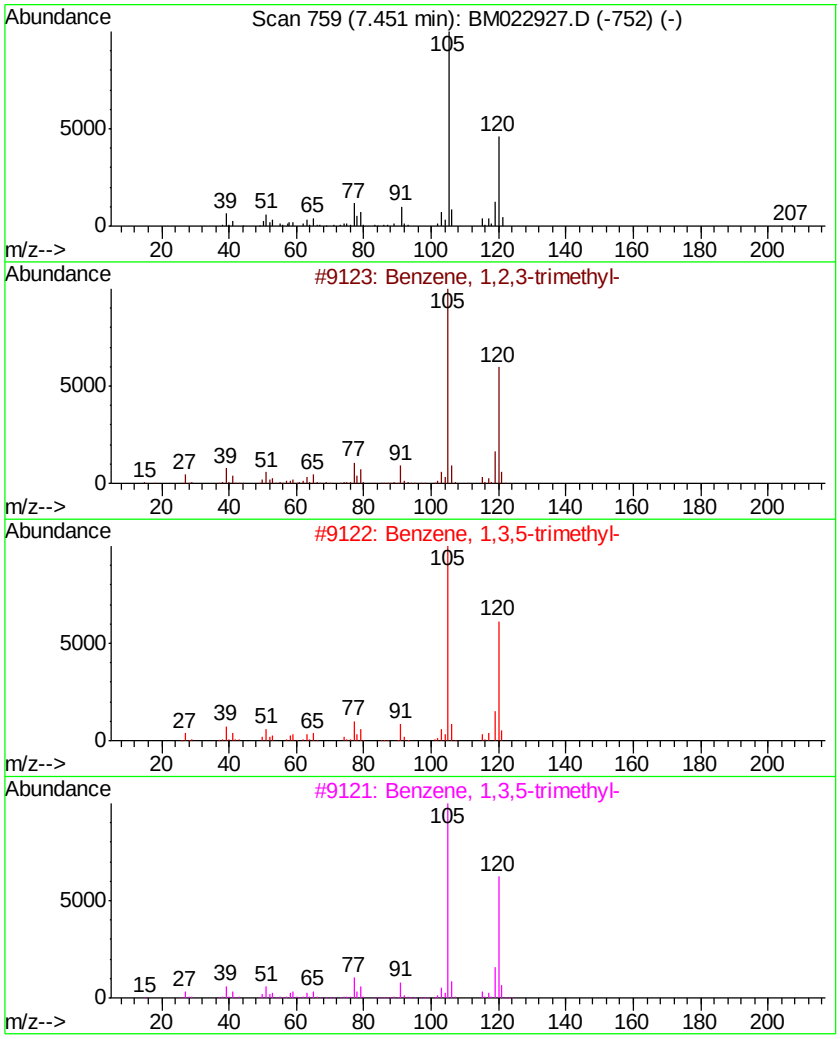
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

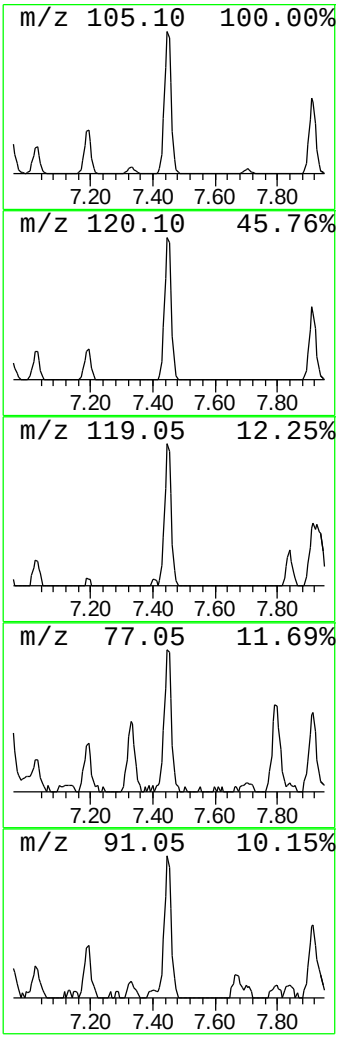
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.41 ng/ul	302535	1,4-Dichlorobenzene-d4	7.79

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

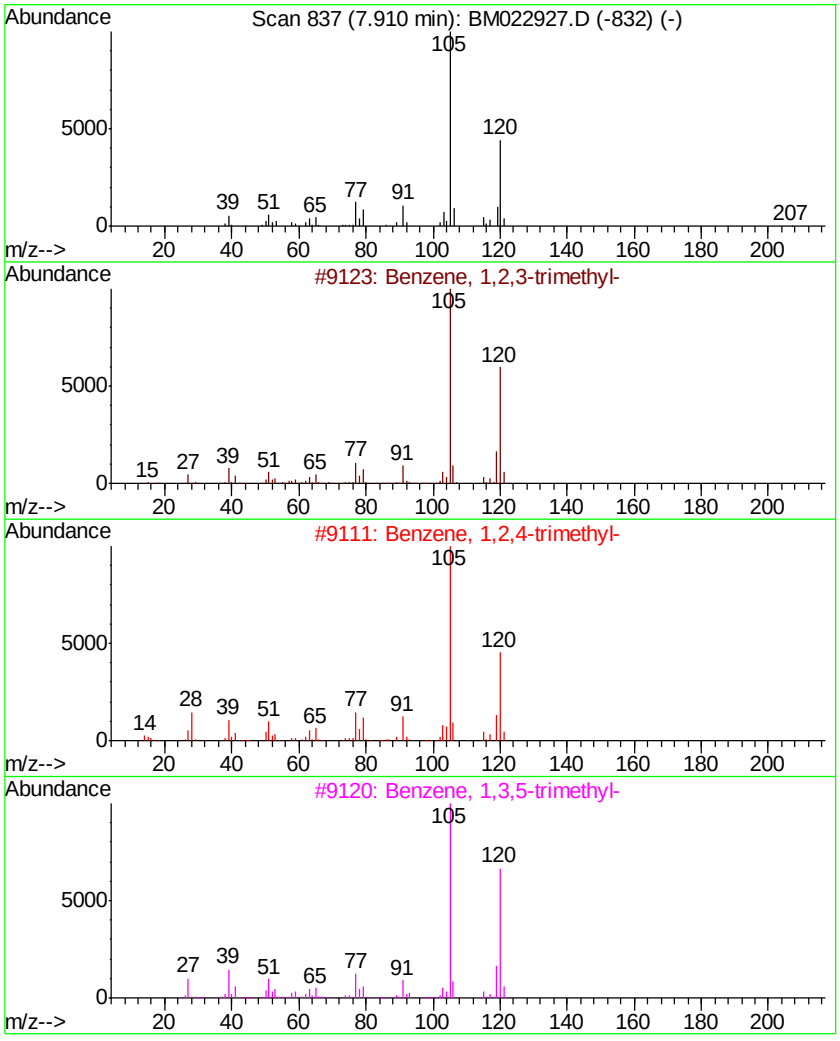
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

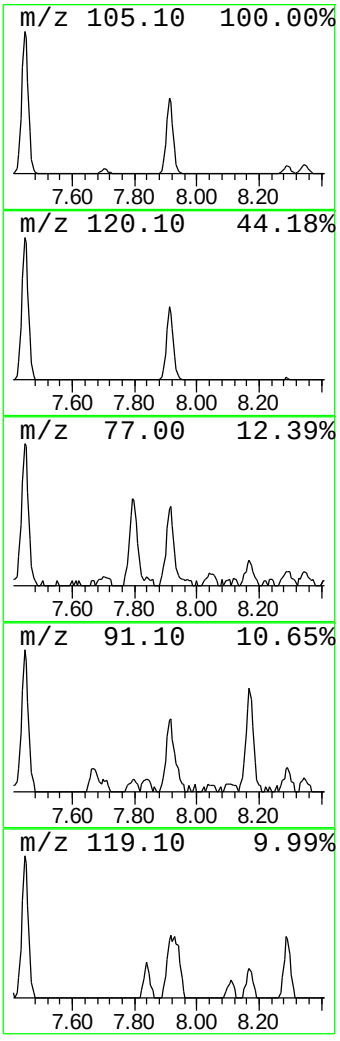
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	2.79 ng/ul	191753	1,4-Dichlorobenzene-d4	7.79

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

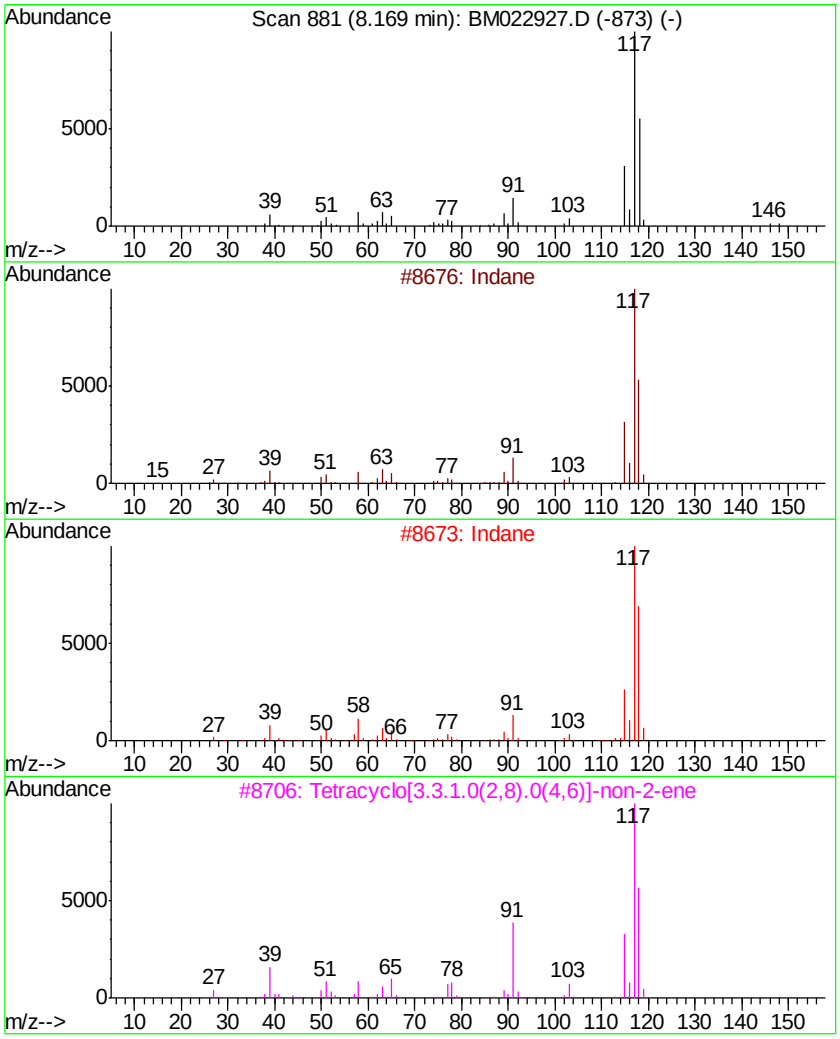
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

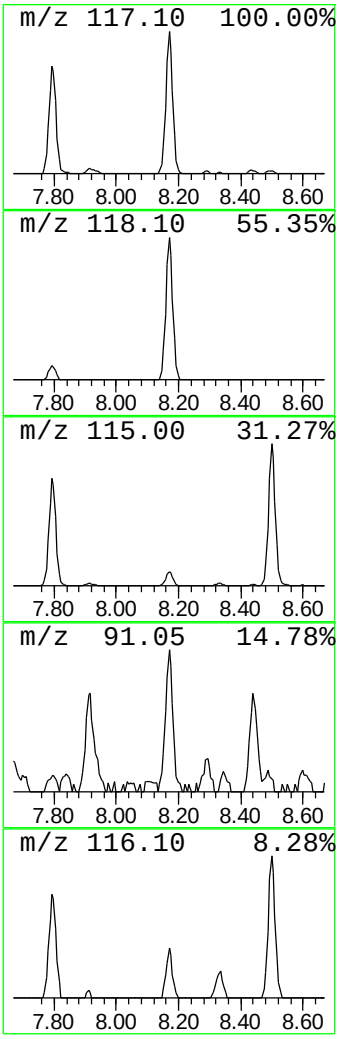
****

Peak Number 8 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.72 ng/ul	186702	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

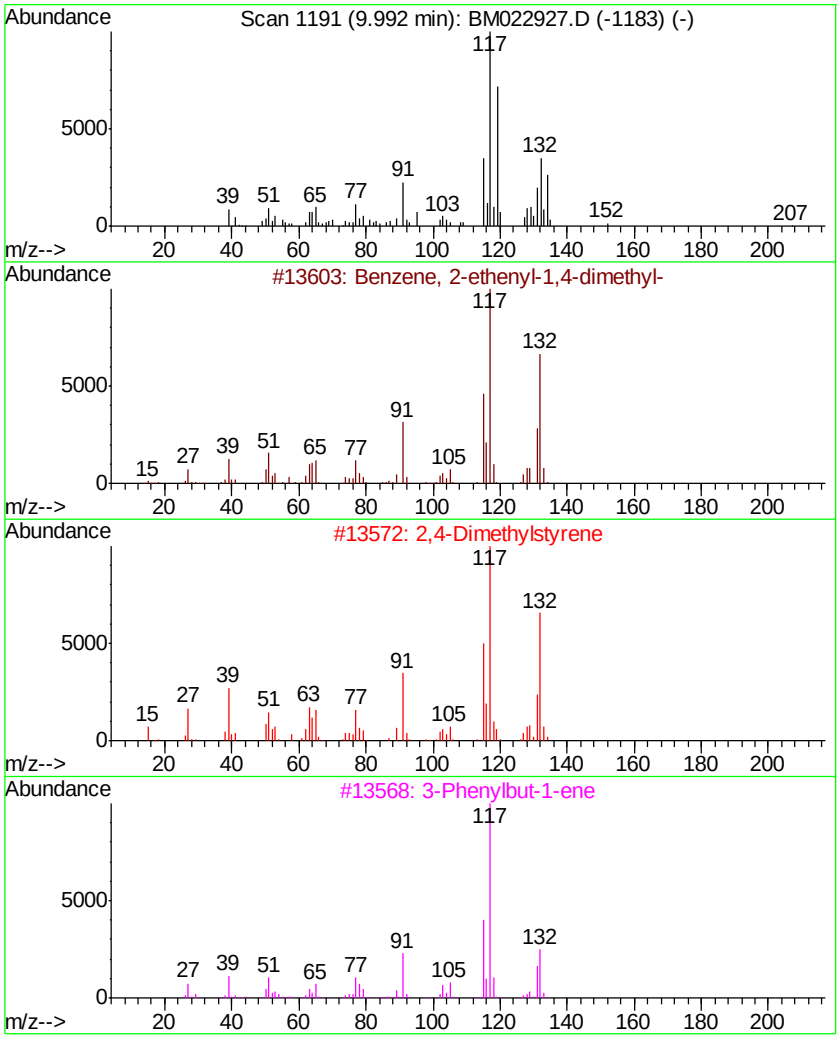
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

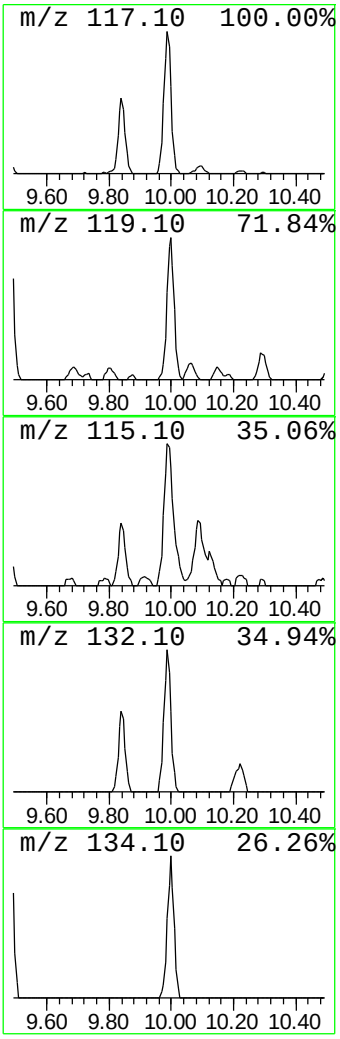
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	2.57 ng/ul	276254	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

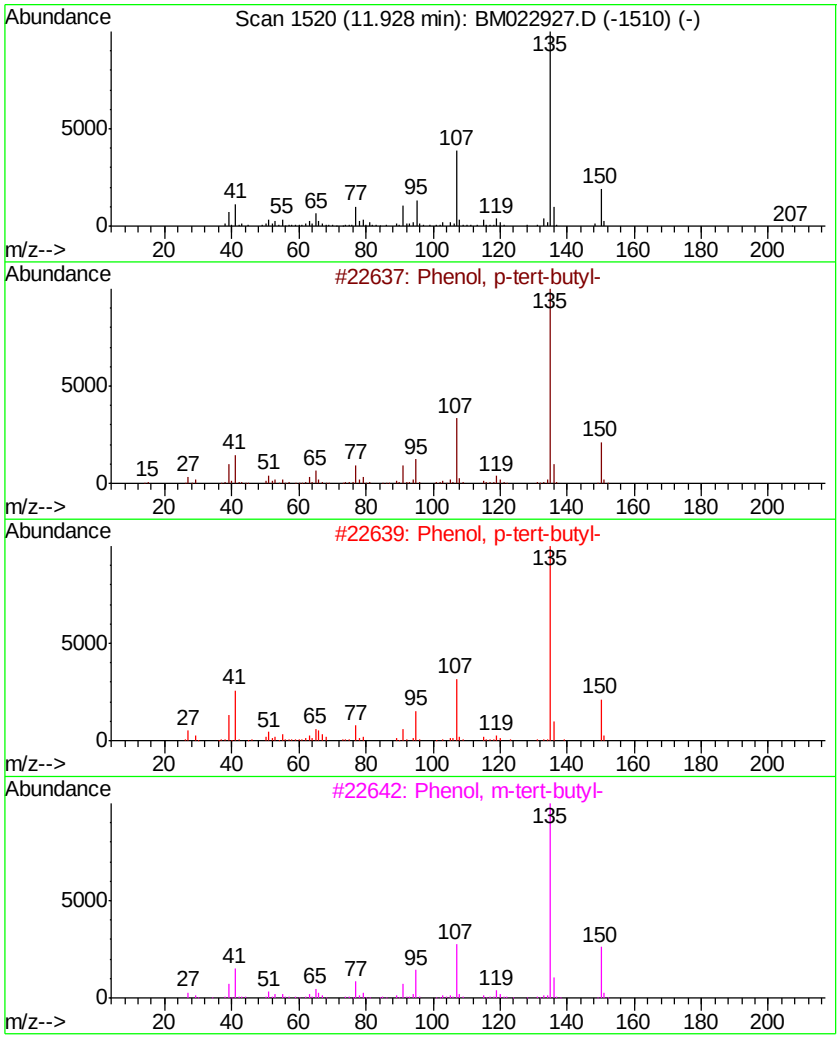
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

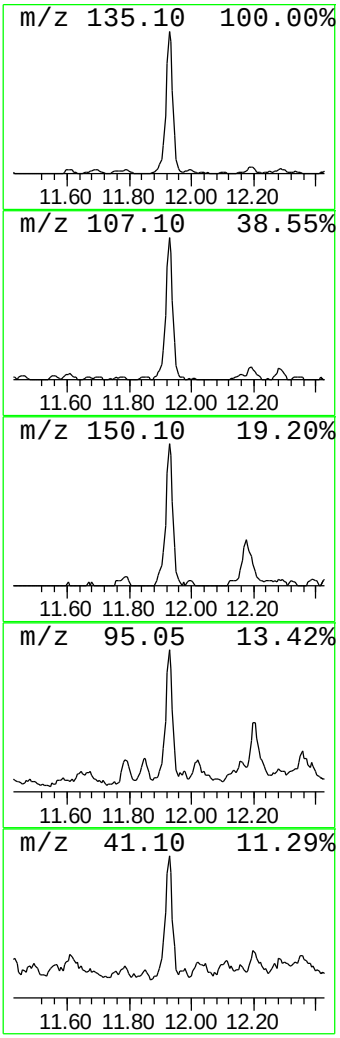
****

Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.19 ng/ul	342708	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

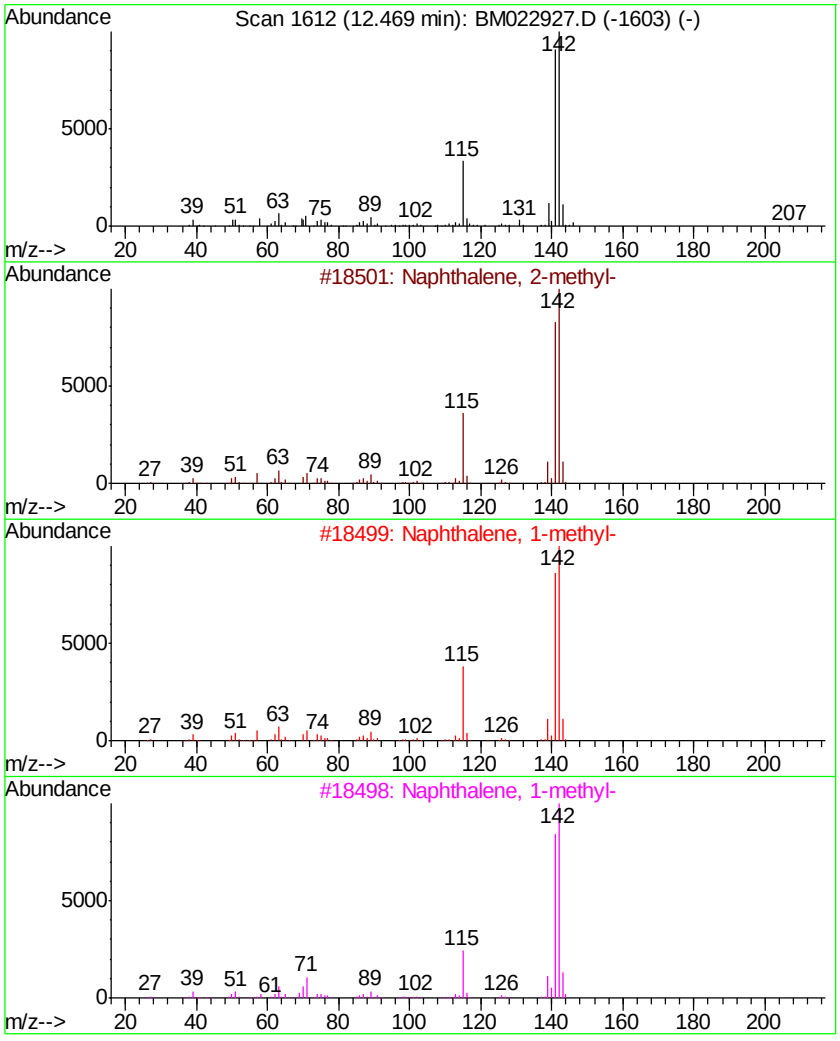
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

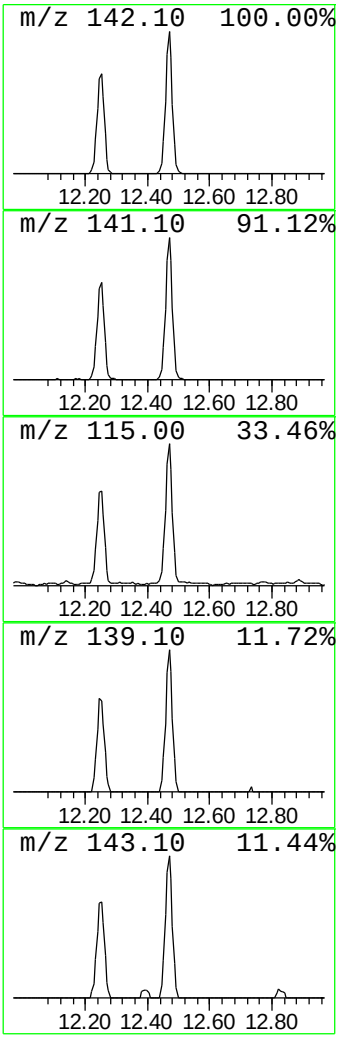
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.48 ng/ul	481605	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

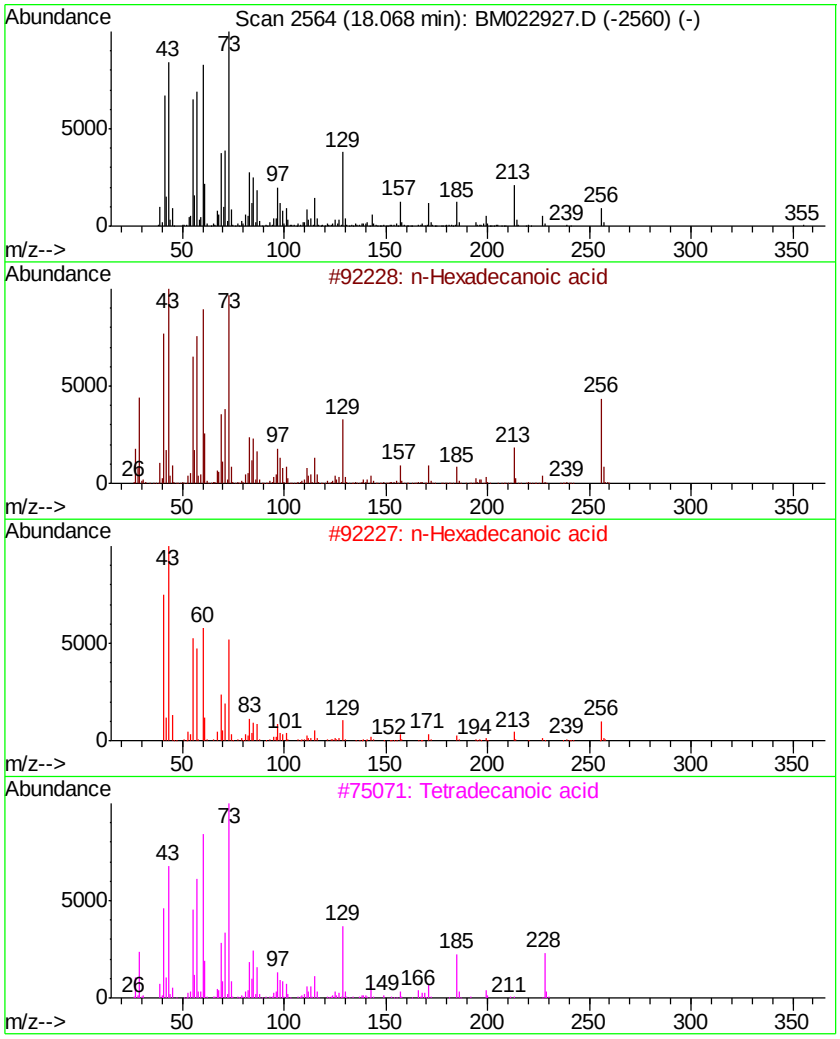
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

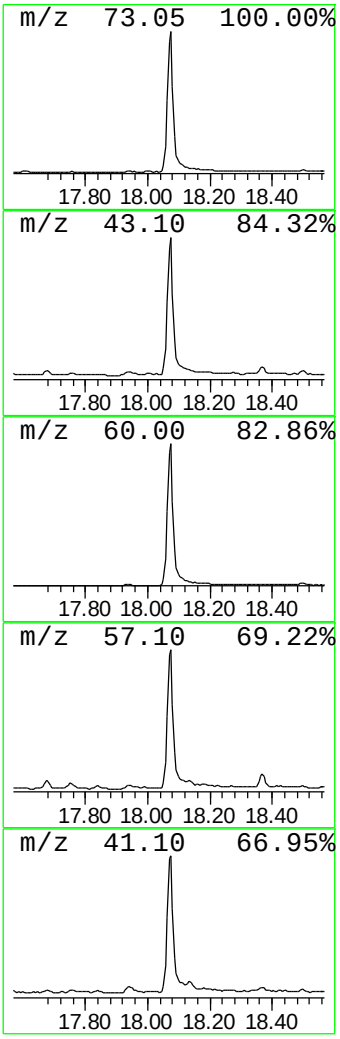
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	9.72 ng/ul	1610120	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

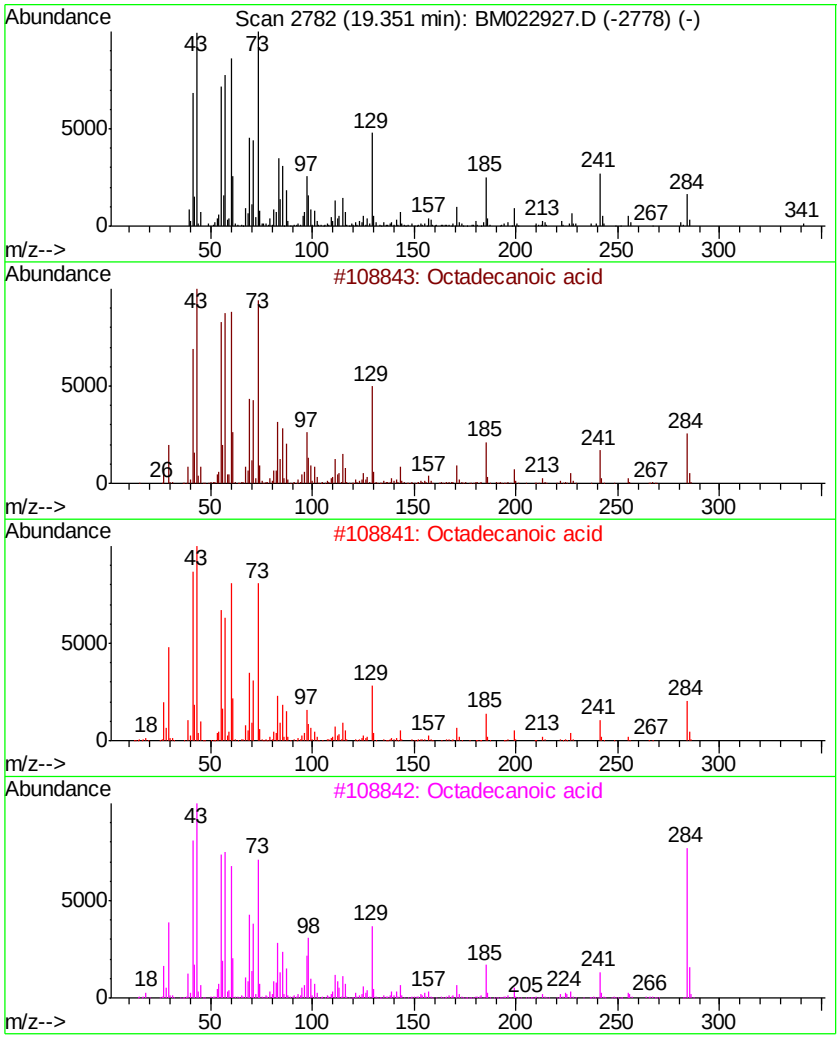
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

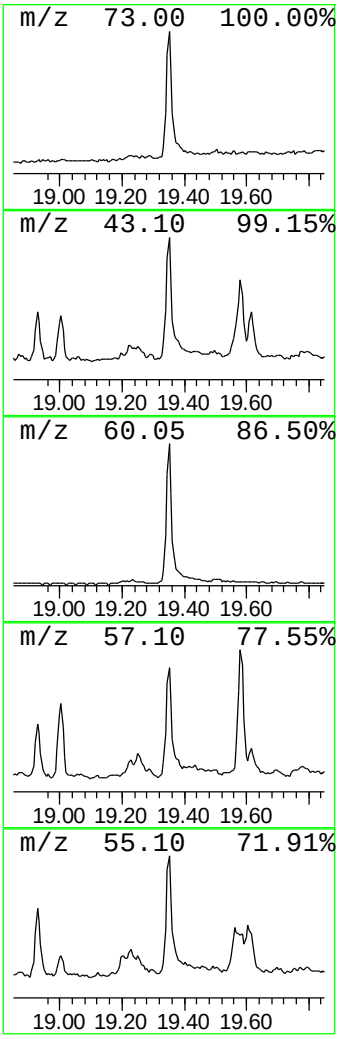
****

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.80 ng/ul	409905	Chrysene-d12	21.35

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

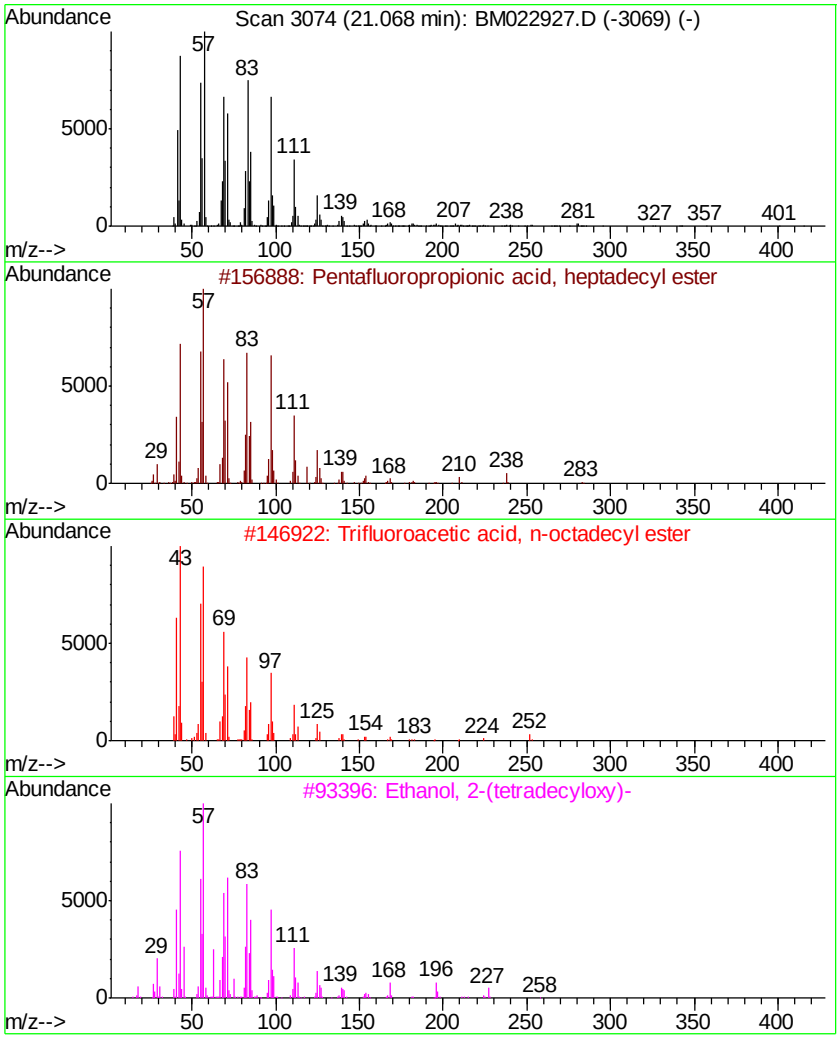
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

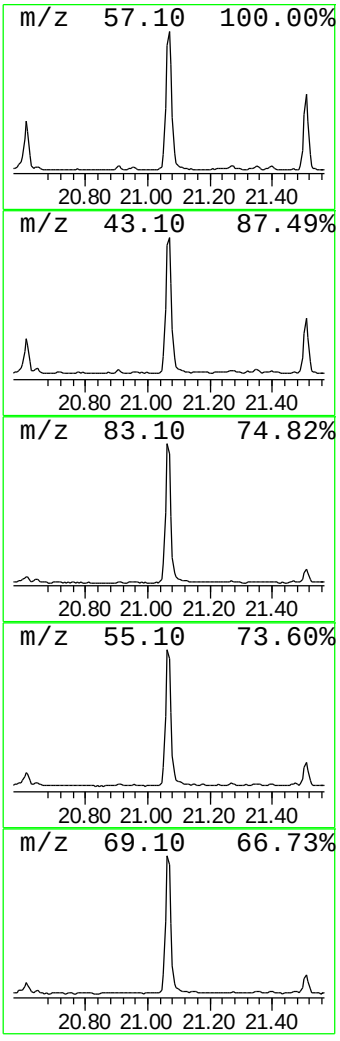
****

Peak Number 14 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	9.94 ng/ul	1453350	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

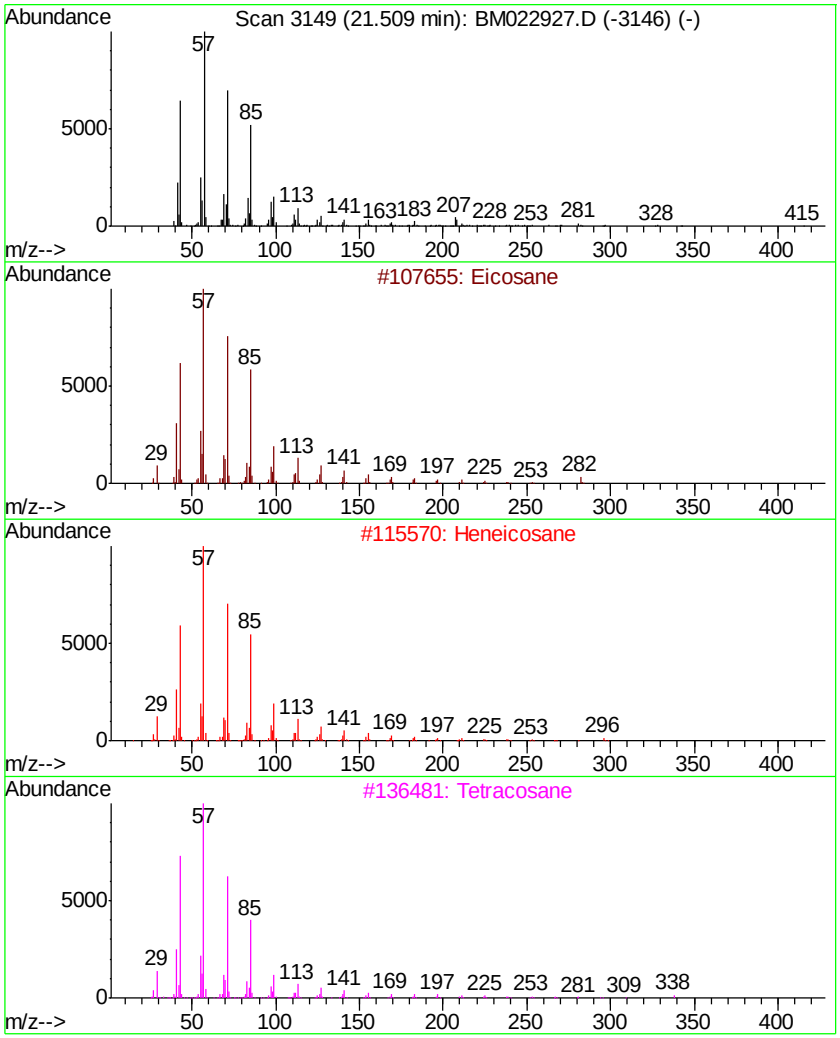
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

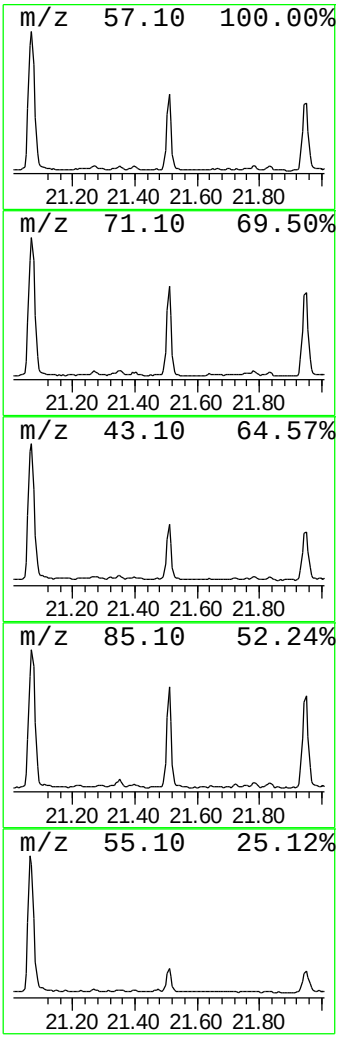
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.07 ng/ul	302755	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

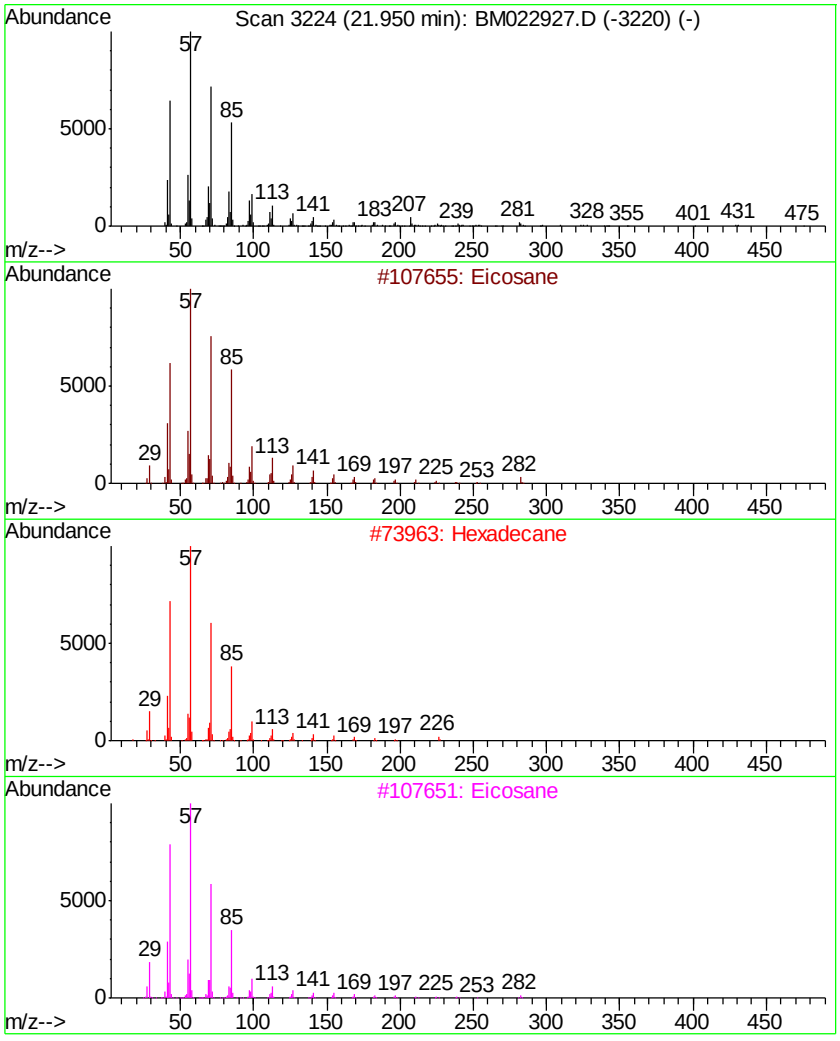
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

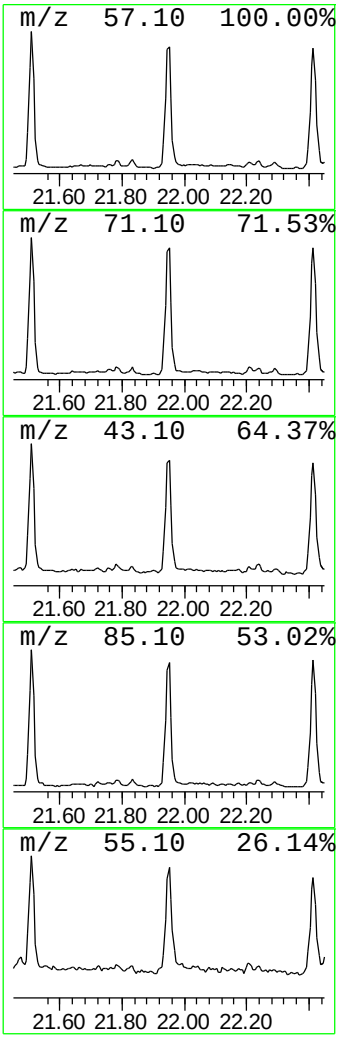
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.60 ng/ul	380164	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Eicosane	282	C20H42	000112-95-8	95
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

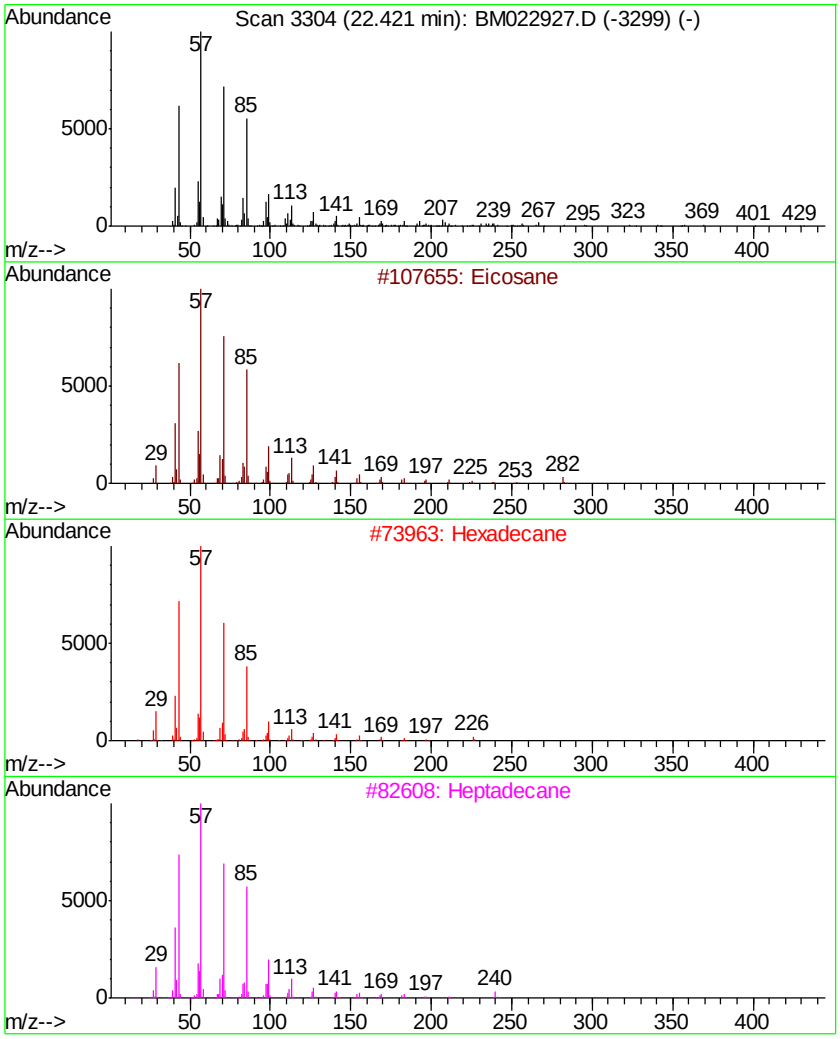
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

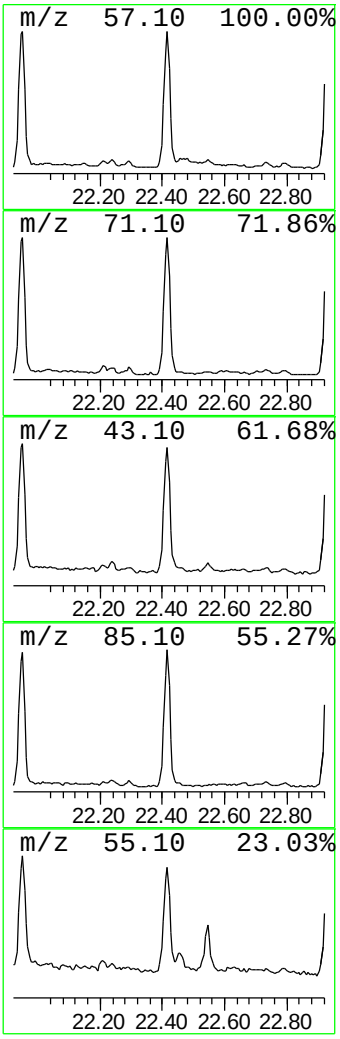
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.50 ng/ul	366060	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

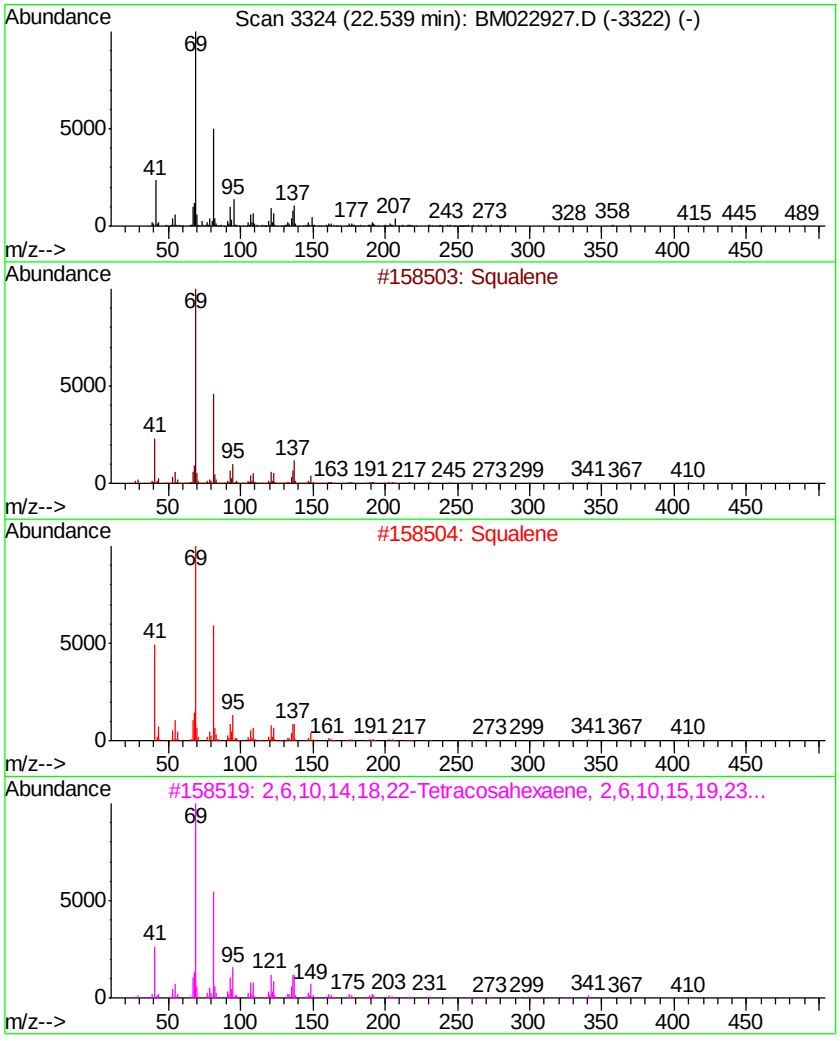
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

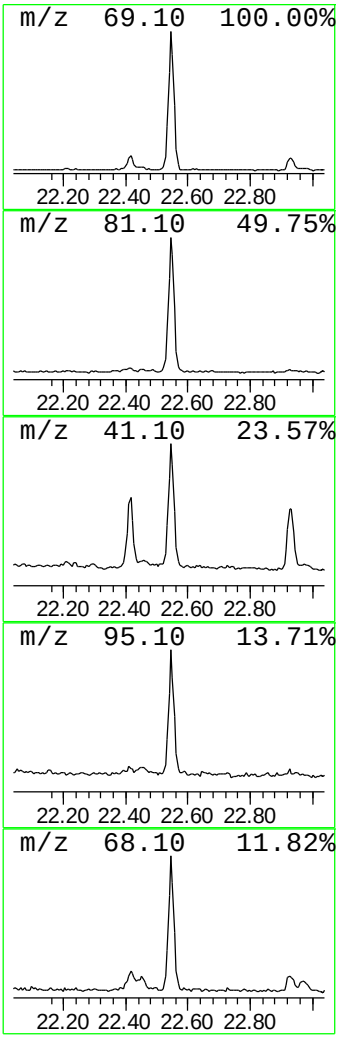
****

Peak Number 18 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.32 ng/ul	456038	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	007683-64-9	87
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

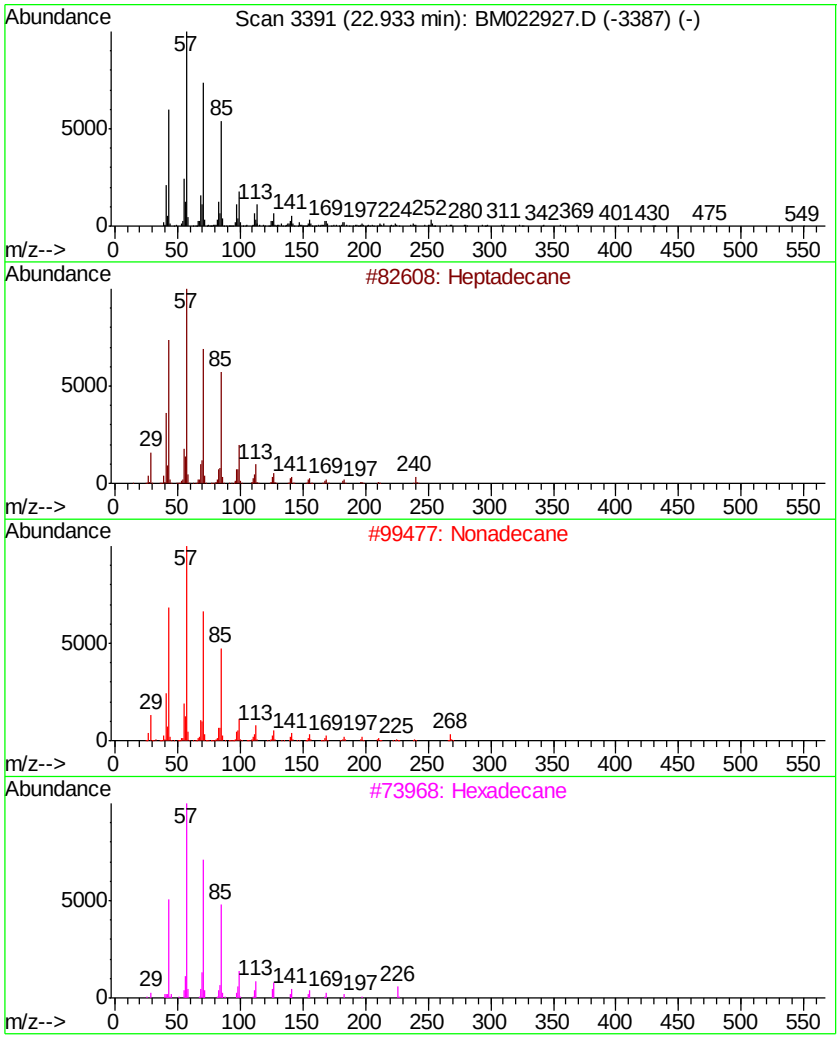
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

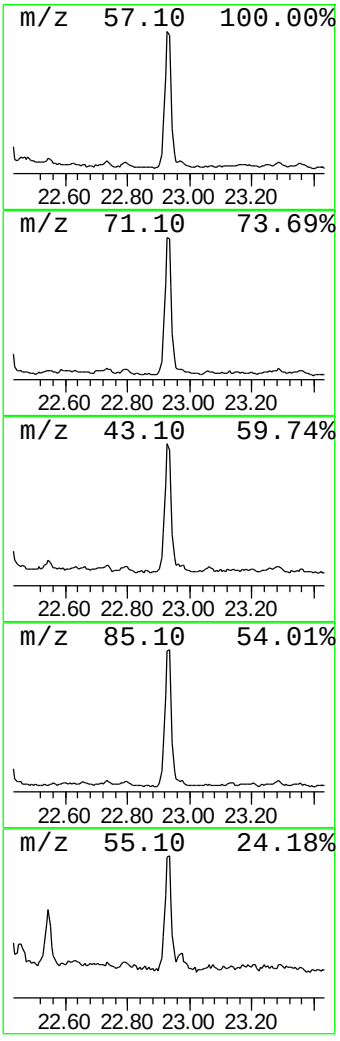
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.34 ng/ul	322318	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022927.D
Acq On : 03 Oct 2019 19:12
Operator : JU
Sample : K4983-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Propanoic acid, 1...	3.73	2.8	ng/ul	191558	1	7.79	1372310	20.0
Propanoic acid, 2...	4.26	6.0	ng/ul	413031	1	7.79	1372310	20.0
Propanoic acid, p...	4.44	8.5	ng/ul	584584	1	7.79	1372310	20.0
Butanoic acid, 1-...	4.89	10.5	ng/ul	720916	1	7.79	1372310	20.0
o-Xylene	5.45	2.5	ng/ul	170465	1	7.79	1372310	20.0
Benzene, 1,2,3-tr...	7.45	4.4	ng/ul	302535	1	7.79	1372310	20.0
Benzene, 1,2,4-tr...	7.91	2.8	ng/ul	191753	1	7.79	1372310	20.0
Indane	8.17	2.7	ng/ul	186702	1	7.79	1372310	20.0
Benzene, 2-etheny...	9.99	2.6	ng/ul	276254	2	10.59	2150690	20.0
Phenol, p-tert-bu...	11.93	3.2	ng/ul	342708	2	10.59	2150690	20.0
Naphthalene, 1-me...	12.47	4.5	ng/ul	481605	2	10.59	2150690	20.0
n-Hexadecanoic acid	18.07	9.7	ng/ul	1610120	4	17.17	3313950	20.0
Octadecanoic acid	19.35	2.8	ng/ul	409905	5	21.35	2923660	20.0
Pentafluoropropio...	21.07	9.9	ng/ul	1453350	5	21.35	2923660	20.0
(DEL) Alkane: Str...	21.51	2.1	ng/ul	302755	5	21.35	2923660	20.0
(DEL) Alkane: Str...	21.95	2.6	ng/ul	380164	5	21.35	2923660	20.0
(DEL) Alkane: Str...	22.42	2.5	ng/ul	366060	5	21.35	2923660	20.0
Squalene	22.54	3.3	ng/ul	456038	6	23.61	2750390	20.0
(DEL) Alkane: Str...	22.93	2.3	ng/ul	322318	6	23.61	2750390	20.0