LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041956.D
Acq On : 5 Aug 2019 00:00
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ6

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_G\METHODS\SOM-EPA-BG080319MA.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	3.158	7	12	32	rVB	1134313	1895994	94.00%	8.839%
2	3.422	52	57	65	rVB	11757	20189	1.00%	0.094%
3	3.945	144	146	154	rVB7	4312	6572	0.33%	0.031%
4	4.080	166	169	177	rVB3	9168	16609	0.82%	0.077%
5	4.180	181	186	196	rVB	81230	133920	6.64%	0.624%
6	5.109	341	344	351	rVB5	4258	7334	0.36%	0.034%
7	6.096	509	512	513	rBV3	2508	2363	0.12%	0.011%
8	6.313	543	549	553	rVB4	1235	2748	0.14%	0.013%
9	6.666	606	609	616	rVV6	2160	4110	0.20%	0.019%
10	7.183	689	697	712	rBV	219267	435399	21.59%	2.030%
11	7.353	719	726	735	rBV	152427	274024	13.59%	1.277%
12	7.564	754	762	773	rBV	238421	433679	21.50%	2.022%
13	8.034	834	842	851	rBV	237581	407143	20.19%	1.898%
14	8.099	851	853	863	rVB5	4666	6200	0.31%	0.029%
15	8.740	954	962	976	rBV	267082	493123	24.45%	2.299%
16	8.857	980	982	991	rVB4	4219	7792	0.39%	0.036%
17	9.198	1033	1040	1049	rBV	214394	398456	19.75%	1.858%
18	9.368	1065	1069	1076	rVB5	3275	4340	0.22%	0.020%
19	9.650	1114	1117	1122	rVB4	2046	2941	0.15%	0.014%
20	9.932	1155	1165	1178	rBV	190520	366675	18.18%	1.709%
21	10.473	1250	1257	1271	rBV	289746	586521	29.08%	2.734%
22	10.861	1313	1323	1336	rBV	324190	607101	30.10%	2.830%
23	10.990	1336	1345	1359	rVB	217490	432193	21.43%	2.015%
24	12.382	1575	1582	1589	rBV	47009	79767	3.95%	0.372%
25	12.447	1589	1593	1602	rVV3	5367	9870	0.49%	0.046%
26	14.016	1856	1860	1863	rBV4	1956	3077	0.15%	0.014%
27	14.092	1867	1873	1877	rBV	569664	848447	42.06%	3.955%
28	14.139	1877	1881	1891	rVB	242539	370874	18.39%	1.729%
29	14.386	1915	1923	1935	rBV	666260	1085131	53.80%	5.059%
30	14.462	1935	1936	1941	rVB3	1955	2248	0.11%	0.010%
31	14.592	1955	1958	1962	rVB2	2038	2905	0.14%	0.014%
32	14.697	1967	1976	1985	rBV	538547	881447	43.70%	4.109%
33	14.879	1999	2007	2019	rBV	132802	261166	12.95%	1.217%
34	15.050	2035	2036	2040	rVB4	2472	2102	0.10%	0.010%

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Instrument : BNA_G
ClientSampleId : BENZ6

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	15.103	2040	2045	2052	rVB4	14568	23096	1.15%	0.108%
36	15.432	2096	2101	2106	rBV2	19870	29963	1.49%	0.140%
37	15.549	2116	2121	2125	rBV3	2515	4295	0.21%	0.020%
38	15.690	2136	2145	2152	rBV	901149	1389841	68.91%	6.479%
39	15.802	2158	2164	2174	rBV	159267	241681	11.98%	1.127%
40	15.867	2174	2175	2178	rVB3	3413	2201	0.11%	0.010%
41	15.931	2182	2186	2195	rVB3	11376	19100	0.95%	0.089%
42	16.413	2265	2268	2271	rBV4	2689	3605	0.18%	0.017%
43	16.472	2274	2278	2281	rBV5	3255	3904	0.19%	0.018%
44	16.630	2303	2305	2308	rBV2	1920	2070	0.10%	0.010%
45	16.807	2332	2335	2337	rVB4	2158	2779	0.14%	0.013%
46	16.983	2362	2365	2368	rBV3	1811	2747	0.14%	0.013%
47	17.089	2380	2383	2386	rBV5	2812	3926	0.19%	0.018%
48	17.177	2392	2398	2399	rBV5	3103	3938	0.20%	0.018%
49	17.206	2399	2403	2404	rBV4	1960	2483	0.12%	0.012%
50	17.359	2421	2429	2433	rBV7	3913	8946	0.44%	0.042%
51	17.447	2437	2444	2449	rBV2	681511	1086166	53.85%	5.063%
52	17.488	2449	2451	2455	rVV	59416	78744	3.90%	0.367%
53	17.547	2455	2461	2471	rVV	988896	1513865	75.06%	7.057%
54	17.629	2473	2475	2481	rVB7	8055	13044	0.65%	0.061%
55	17.723	2489	2491	2495	rVB5	4551	4323	0.21%	0.020%
56	17.823	2505	2508	2509	rBV3	4973	4690	0.23%	0.022%
57	17.847	2509	2512	2513	rVV3	4391	4460	0.22%	0.021%
58	17.952	2525	2530	2532	rBV5	3831	7280	0.36%	0.034%
59	18.117	2553	2558	2564	rBV	29120	48606	2.41%	0.227%
60	18.340	2589	2596	2601	rBV3	68967	140743	6.98%	0.656%
61	18.452	2612	2615	2617	rBV4	5961	7160	0.35%	0.033%
62	18.516	2622	2626	2631	rBV4	17165	30409	1.51%	0.142%
63	18.610	2640	2642	2643	rBV2	3522	2633	0.13%	0.012%
64	18.769	2665	2669	2672	rBV6	4797	7968	0.40%	0.037%
65	18.822	2675	2678	2680	rBV3	8528	10691	0.53%	0.050%
66	19.033	2712	2714	2717	rBV4	5154	6532	0.32%	0.030%
67	19.063	2717	2719	2723	rVV5	6808	9315	0.46%	0.043%
68	19.098	2723	2725	2727	rBV3	5360	5026	0.25%	0.023%
69	19.239	2745	2749	2752	rBV4	13489	22232	1.10%	0.104%
70	19.498	2789	2793	2799	rVB	121766	177382	8.79%	0.827%
71	19.609	2808	2812	2815	rBV6	16145	23276	1.15%	0.109%

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Instrument : BNA_G
ClientSampleId : BENZ6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	19.832	2844	2850	2864	rBV	1220680	2017000	100.00%	9.403%
73	21.372	3108	3112	3122	rVB4	93239	178654	8.86%	0.833%
74	21.730	3166	3173	3179	rBV	711239	1255133	62.23%	5.851%
75	24.780	3683	3692	3711	rVB	588272	1796329	89.06%	8.374%
76	25.003	3721	3730	3739	rBV2	395636	1162356	57.63%	5.419%

Sum of corrected areas: 21451052

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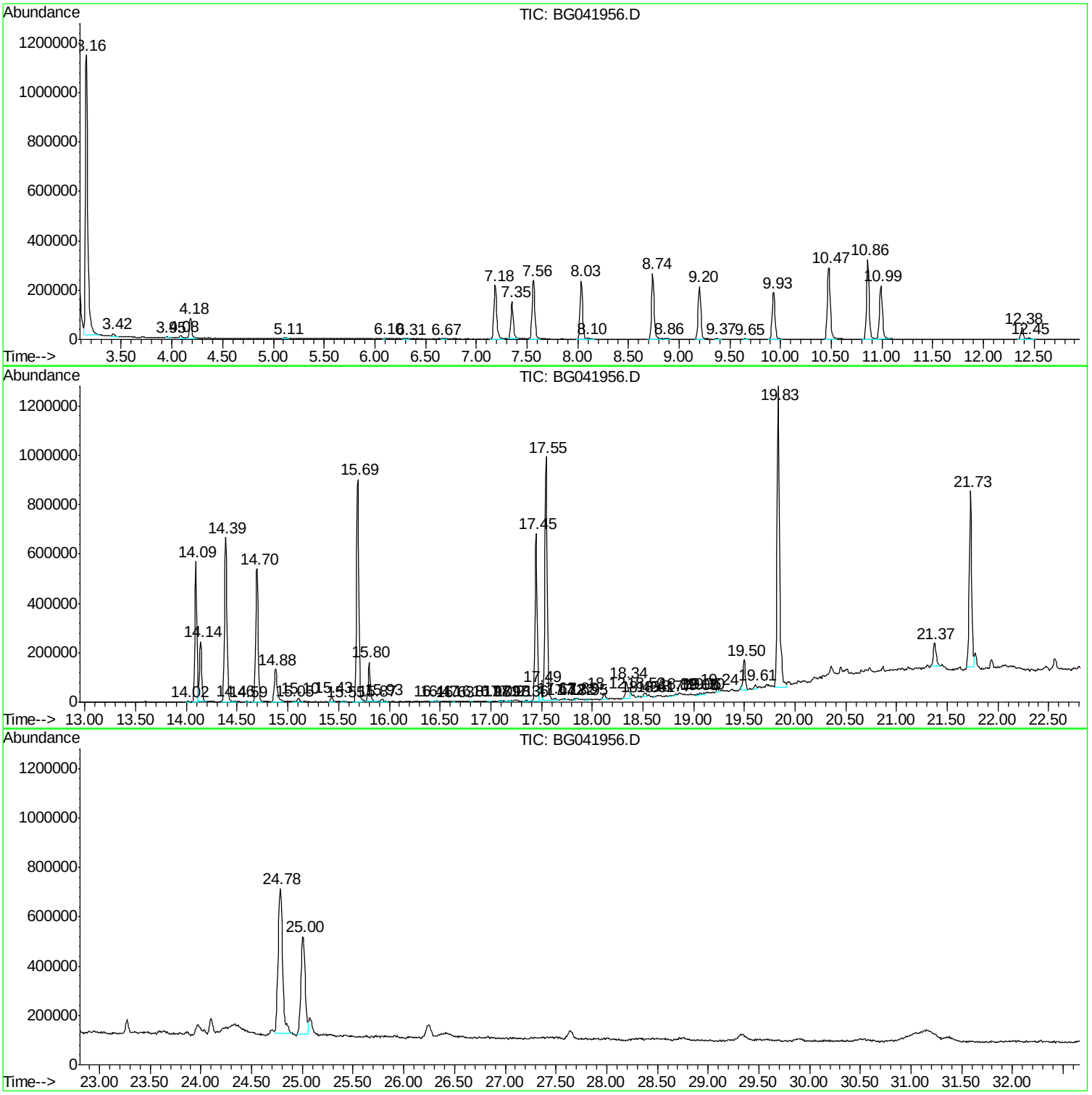
Instrument :
BNA_G
ClientSampleId :
BENZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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 G\DATA\BG080319\
Data File : BG041956.D
Acq On : 5 Aug 2019 00:00
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

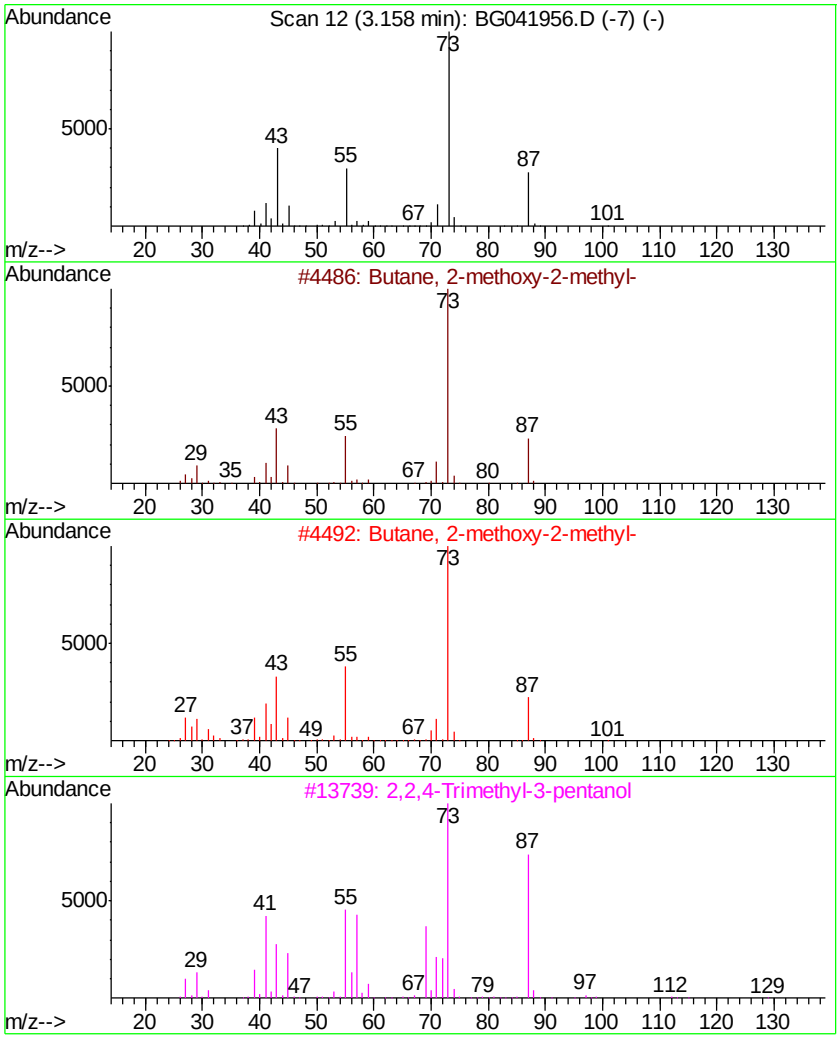
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

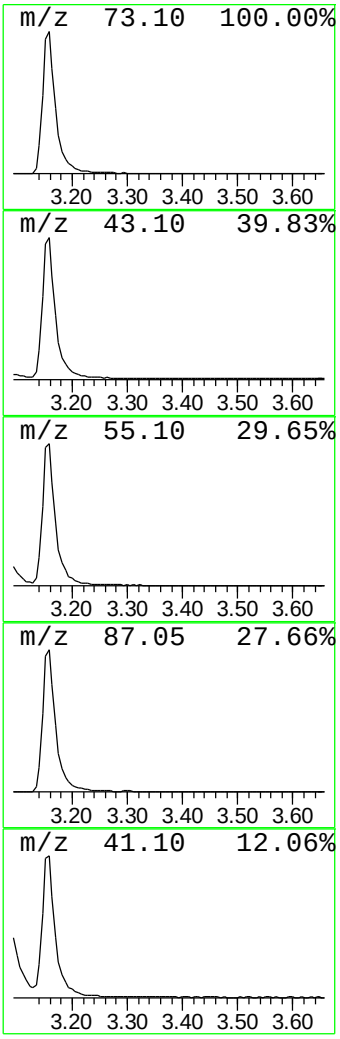
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	93.14 ng/ul	1895990	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





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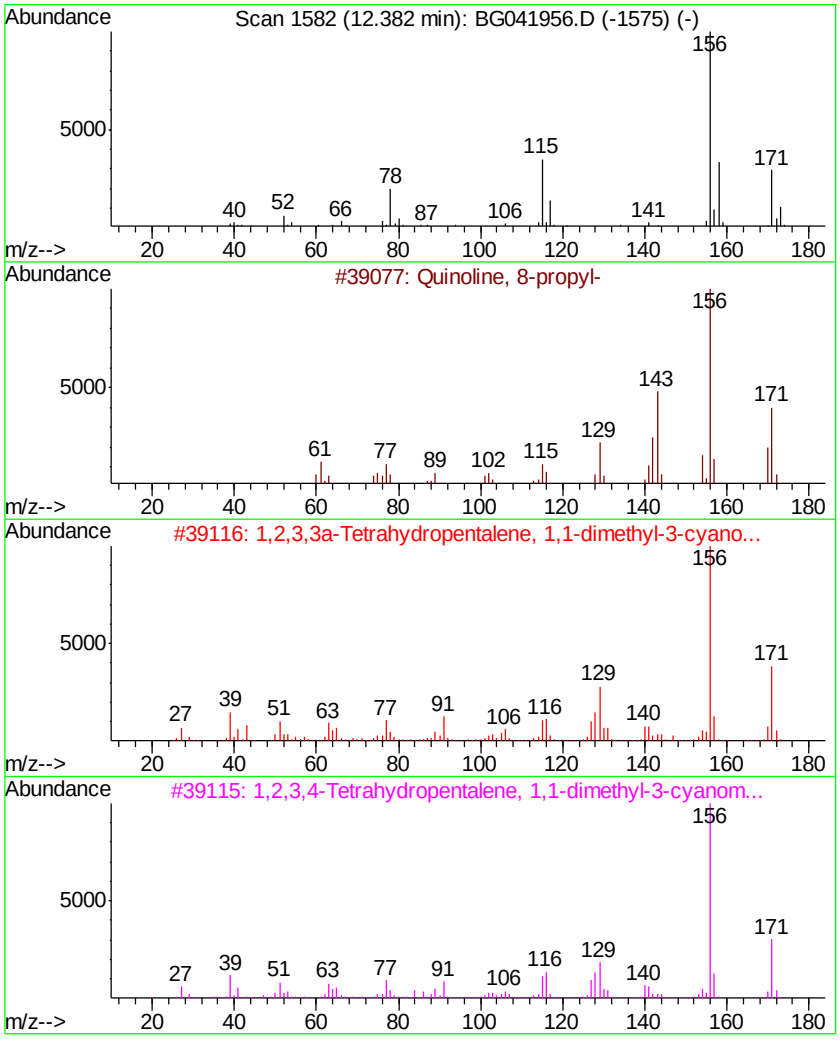
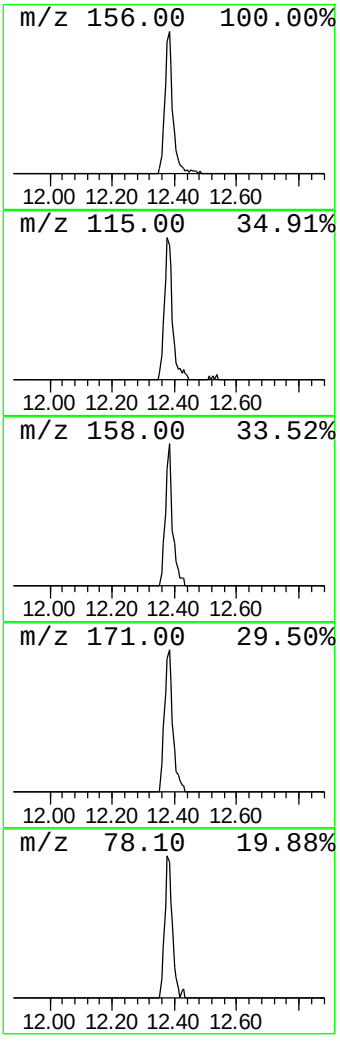
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.63 ng/ul	79767	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	43
2	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	38
4	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	37
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	37





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Quant Title : SVOA CALIBRATION

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

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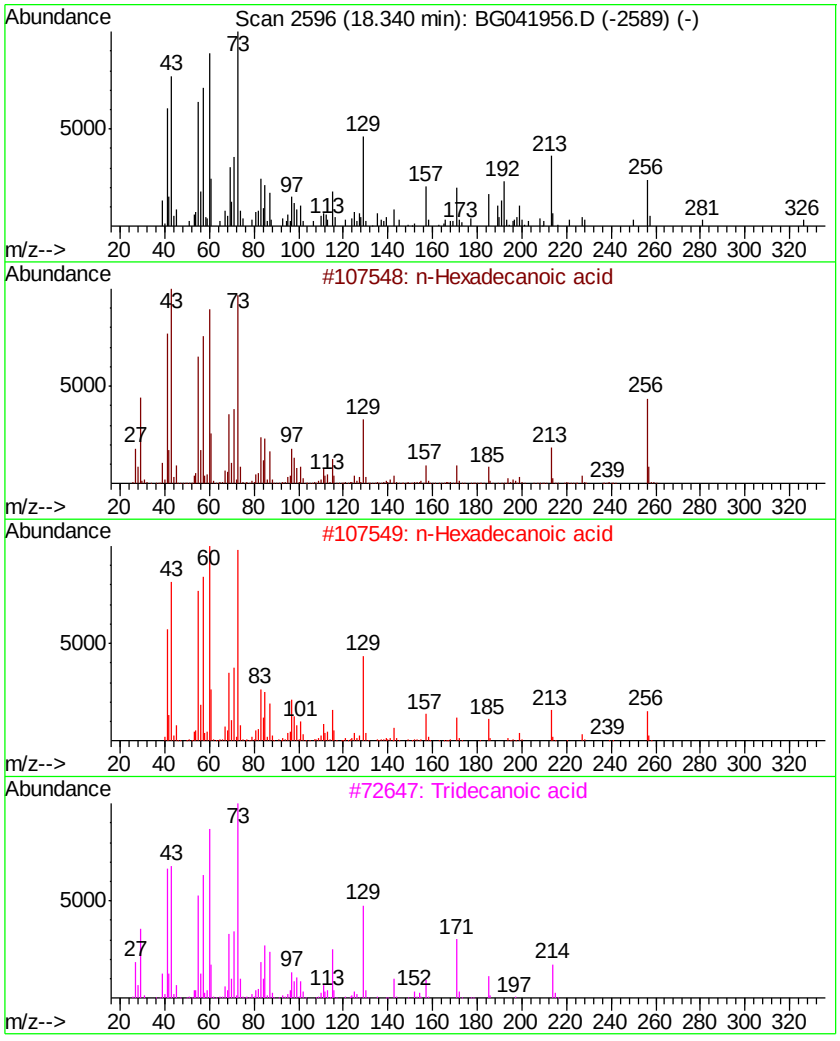
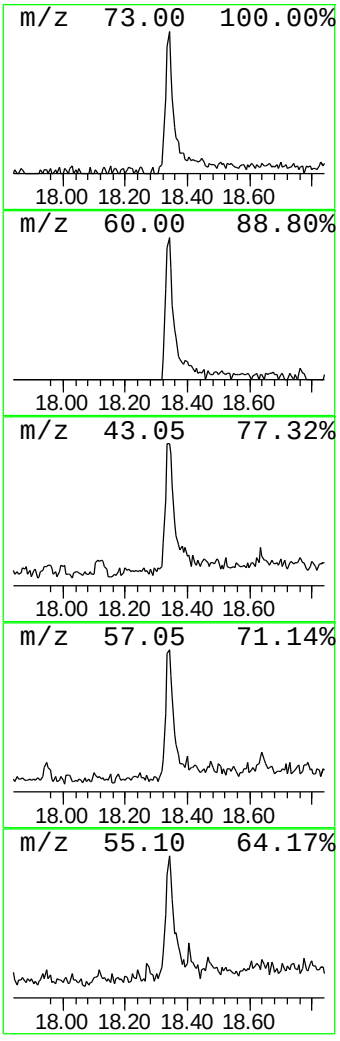
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.59 ng/ul	140743	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Quant Title : SVOA CALIBRATION

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

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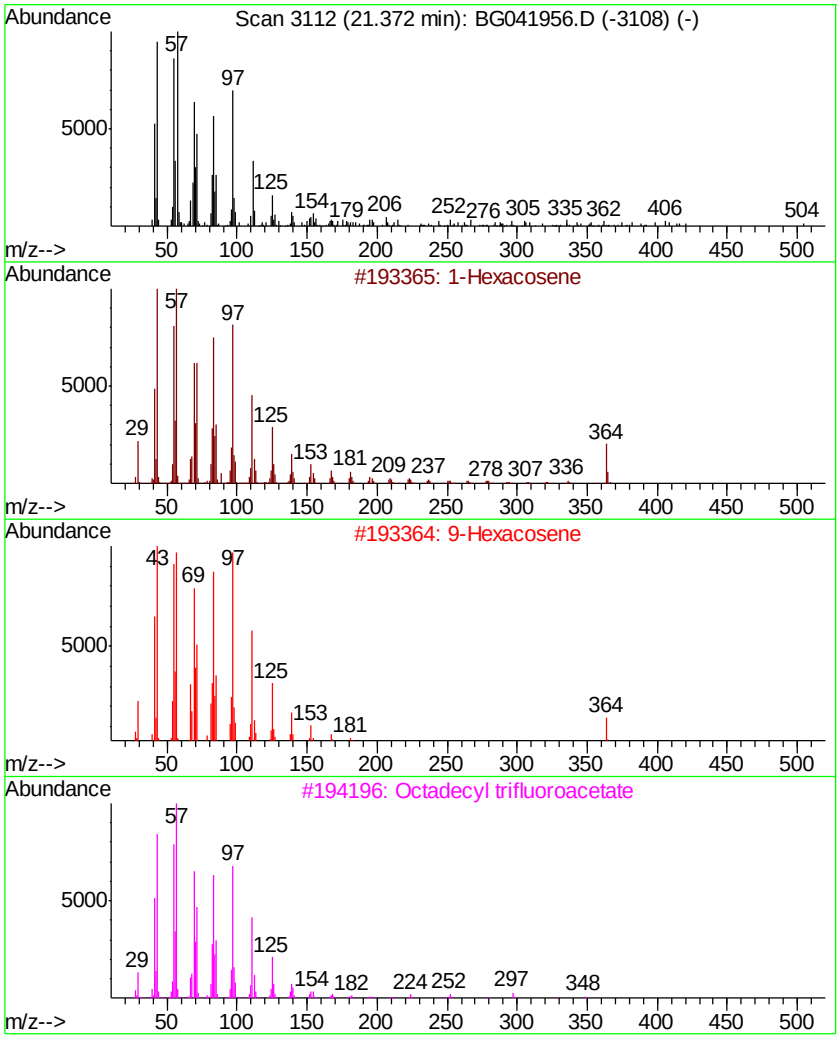
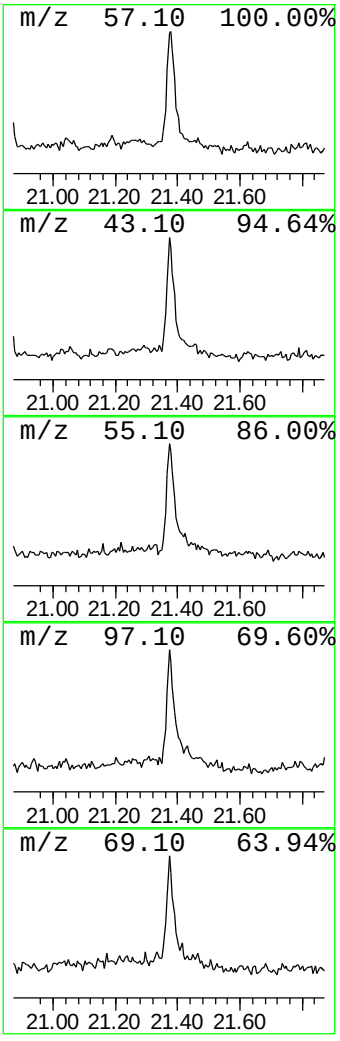
Peak Number 5 (DEL) Alkane: Cyclic21.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.85 ng/ul	178654	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	9-Hexacosene	364	C26H52	071502-22-2	93
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





Tentatively Identified Compound (LSC) summary

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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...	3.16	93.1	ng/ul	1895990	1	8.03	407143	20.0
unknown-01	12.38	2.6	ng/ul	79767	2	10.86	607101	20.0
n-Hexadecanoic acid	18.34	2.6	ng/ul	140743	4	17.45	1086170	20.0
(DEL) Alkane: Cyc...	21.37	2.9	ng/ul	178654	5	21.73	1255130	20.0