LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.890	6	9	18	rVB3	36623	64417	1.65%	0.157%
2	3.113	42	47	54	rBV	70484	122724	3.15%	0.300%
3	3.183	54	59	74	rVB	838384	1141709	29.30%	2.789%
4	3.324	81	83	85	rBV3	4374	4821	0.12%	0.012%
5	3.442	101	103	109	rVB2	18903	25084	0.64%	0.061%
6	3.583	123	127	132	rBV6	5275	11115	0.29%	0.027%
7	3.718	147	150	155	rVB	11277	12725	0.33%	0.031%
8	4.417	265	269	274	rBV7	7711	11279	0.29%	0.028%
9	4.829	334	339	343	rBV6	5345	8560	0.22%	0.021%
10	4.946	358	359	363	rVB3	5917	6063	0.16%	0.015%
11	4.987	363	366	369	rBV3	4352	6690	0.17%	0.016%
12	5.105	384	386	392	rVB6	6536	10930	0.28%	0.027%
13	6.233	577	578	583	rBV4	3526	4982	0.13%	0.012%
14	6.521	624	627	631	rBV4	5940	8715	0.22%	0.021%
15	6.897	689	691	693	rBV3	4302	5277	0.14%	0.013%
16	6.997	703	708	711	rBV7	8783	11727	0.30%	0.029%
17	7.167	730	737	746	rBV	430813	754053	19.35%	1.842%
18	7.337	758	766	774	rBV	356698	584824	15.01%	1.429%
19	7.425	777	781	785	rBV6	3424	5596	0.14%	0.014%
20	7.543	793	801	808	rBV	429468	716823	18.40%	1.751%
21	8.013	874	881	887	rBV	294972	498677	12.80%	1.218%
22	8.125	898	900	903	rVB3	4813	4834	0.12%	0.012%
23	8.242	918	920	923	rVB3	4483	5157	0.13%	0.013%
24	8.283	923	927	928	rBV3	5169	4904	0.13%	0.012%
25	8.712	993	1000	1009	rBV	563560	966673	24.81%	2.362%
26	9.165	1068	1077	1085	rBV	421491	762684	19.57%	1.863%
27	9.282	1091	1097	1102	rBV7	6449	12874	0.33%	0.031%
28	9.588	1145	1149	1153	rBV5	4603	9332	0.24%	0.023%
29	9.852	1189	1194	1195	rBV5	8074	10776	0.28%	0.026%
30	9.893	1195	1201	1210	rVB	349739	621684	15.96%	1.519%
31	10.228	1253	1258	1260	rBV5	3569	5612	0.14%	0.014%
32	10.434	1284	1293	1306	rBV	642489	1143389	29.34%	2.794%
33	10.581	1316	1318	1322	rVB5	6636	7806	0.20%	0.019%
34	10.816	1351	1358	1369	rVB	495243	862089	22.12%	2.106%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	10.945	1373	1380	1391	rBV2	424474	822165	21.10%	2.009%
36	11.309	1438	1442	1444	rBV4	4897	5576	0.14%	0.014%
37	11.474	1467	1470	1474	rVB4	5192	7906	0.20%	0.019%
38	12.096	1573	1576	1578	rVB4	4218	5168	0.13%	0.013%
39	12.613	1663	1664	1668	rVB4	4332	5244	0.13%	0.013%
40	12.655	1668	1671	1673	rVV4	6097	6372	0.16%	0.016%
41	12.690	1676	1677	1681	rVB2	6116	6611	0.17%	0.016%
42	12.872	1705	1708	1712	rBV5	4009	6056	0.16%	0.015%
43	12.954	1719	1722	1724	rBV3	3880	5358	0.14%	0.013%
44	13.001	1724	1730	1734	rVV5	13859	22986	0.59%	0.056%
45	13.242	1766	1771	1779	rBV4	24973	43932	1.13%	0.107%
46	13.577	1826	1828	1830	rBV3	6383	5077	0.13%	0.012%
47	13.812	1864	1868	1872	rBV7	6668	8409	0.22%	0.021%
48	13.971	1892	1895	1899	rVB4	5193	6420	0.16%	0.016%
49	14.041	1899	1907	1911	rBV	1134183	1728148	44.35%	4.222%
50	14.082	1911	1914	1921	rVB	484729	677877	17.40%	1.656%
51	14.170	1926	1929	1935	rVB8	8866	12796	0.33%	0.031%
52	14.329	1946	1956	1967	rBV	1382031	2213410	56.81%	5.408%
53	14.529	1987	1990	1993	rVB5	11784	13929	0.36%	0.034%
54	14.641	1998	2009	2016	rVB2	845022	1385673	35.56%	3.385%
55	14.699	2016	2019	2020	rBV3	7525	7394	0.19%	0.018%
56	14.823	2034	2040	2053	rBV	578519	970831	24.92%	2.372%
57	15.034	2073	2076	2080	rBV6	8969	12719	0.33%	0.031%
58	15.257	2112	2114	2117	rVB4	5128	5642	0.14%	0.014%
59	15.299	2119	2121	2126	rVB6	5907	7832	0.20%	0.019%
60	15.428	2141	2143	2148	rVV4	8370	13177	0.34%	0.032%
61	15.481	2149	2152	2157	rVB2	24426	31016	0.80%	0.076%
62	15.628	2170	2177	2184	rBV	1911121	2815935	72.27%	6.880%
63	15.686	2184	2187	2189	rVB3	10604	10512	0.27%	0.026%
64	15.739	2189	2196	2206	rBV	476208	737798	18.93%	1.803%
65	15.874	2215	2219	2226	rVB7	17801	40852	1.05%	0.100%
66	15.980	2233	2237	2241	rBV7	9157	15566	0.40%	0.038%
67	16.104	2254	2258	2261	rBV7	7798	11183	0.29%	0.027%
68	16.198	2271	2274	2277	rBV5	7700	6868	0.18%	0.017%
69	16.339	2295	2298	2306	rVB	37689	69353	1.78%	0.169%
70	16.679	2354	2356	2362	rBV7	6899	12081	0.31%	0.030%
71	16.914	2394	2396	2400	rBV5	8829	11542	0.30%	0.028%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	17.032	2413	2416	2419	rVB4	11460	14373	0.37%	0.035%
73	17.091	2424	2426	2428	rBV3	5831	5868	0.15%	0.014%
74	17.132	2429	2433	2436	rBV2	44890	56164	1.44%	0.137%
75	17.267	2452	2456	2460	rBV7	17512	32034	0.82%	0.078%
76	17.378	2468	2475	2480	rBV	1203728	1808840	46.42%	4.419%
77	17.478	2486	2492	2501	rVB	2187433	3189545	81.86%	7.793%
78	17.872	2556	2559	2563	rVB2	27620	28506	0.73%	0.070%
79	17.954	2572	2573	2575	rBV2	11226	8290	0.21%	0.020%
80	18.042	2586	2588	2594	rVB6	11539	12616	0.32%	0.031%
81	18.125	2600	2602	2603	rBV2	8670	6703	0.17%	0.016%
82	18.207	2613	2616	2618	rBV4	14416	16614	0.43%	0.041%
83	18.266	2620	2626	2636	rBV2	475520	764907	19.63%	1.869%
84	18.442	2652	2656	2660	rBV4	29440	48189	1.24%	0.118%
85	18.565	2674	2677	2680	rBV5	17926	23849	0.61%	0.058%
86	18.789	2712	2715	2718	rVB4	19898	25151	0.65%	0.061%
87	19.165	2776	2779	2784	rVB5	31809	43402	1.11%	0.106%
88	19.423	2819	2823	2830	rVB	183843	277128	7.11%	0.677%
89	19.535	2838	2842	2847	rBV3	104394	138470	3.55%	0.338%
90	19.688	2865	2868	2874	rVB3	46391	62527	1.60%	0.153%
91	19.764	2874	2881	2893	rVB	2481434	3896481	100.00%	9.520%
92	20.669	3031	3035	3042	rVB	237802	304158	7.81%	0.743%
93	20.775	3049	3053	3060	rVB2	88004	136564	3.50%	0.334%
94	21.292	3137	3141	3160	rVB4	240831	649815	16.68%	1.588%
95	21.638	3192	3200	3205	rBV	1229366	2151175	55.21%	5.256%
96	22.373	3321	3325	3331	rVB8	81128	161715	4.15%	0.395%
97	23.101	3443	3449	3462	rVB2	657042	1417296	36.37%	3.463%
98	24.617	3698	3707	3724	rVB	1250130	3503955	89.93%	8.561%
99	24.834	3735	3744	3761	rVB	682868	1941353	49.82%	4.743%

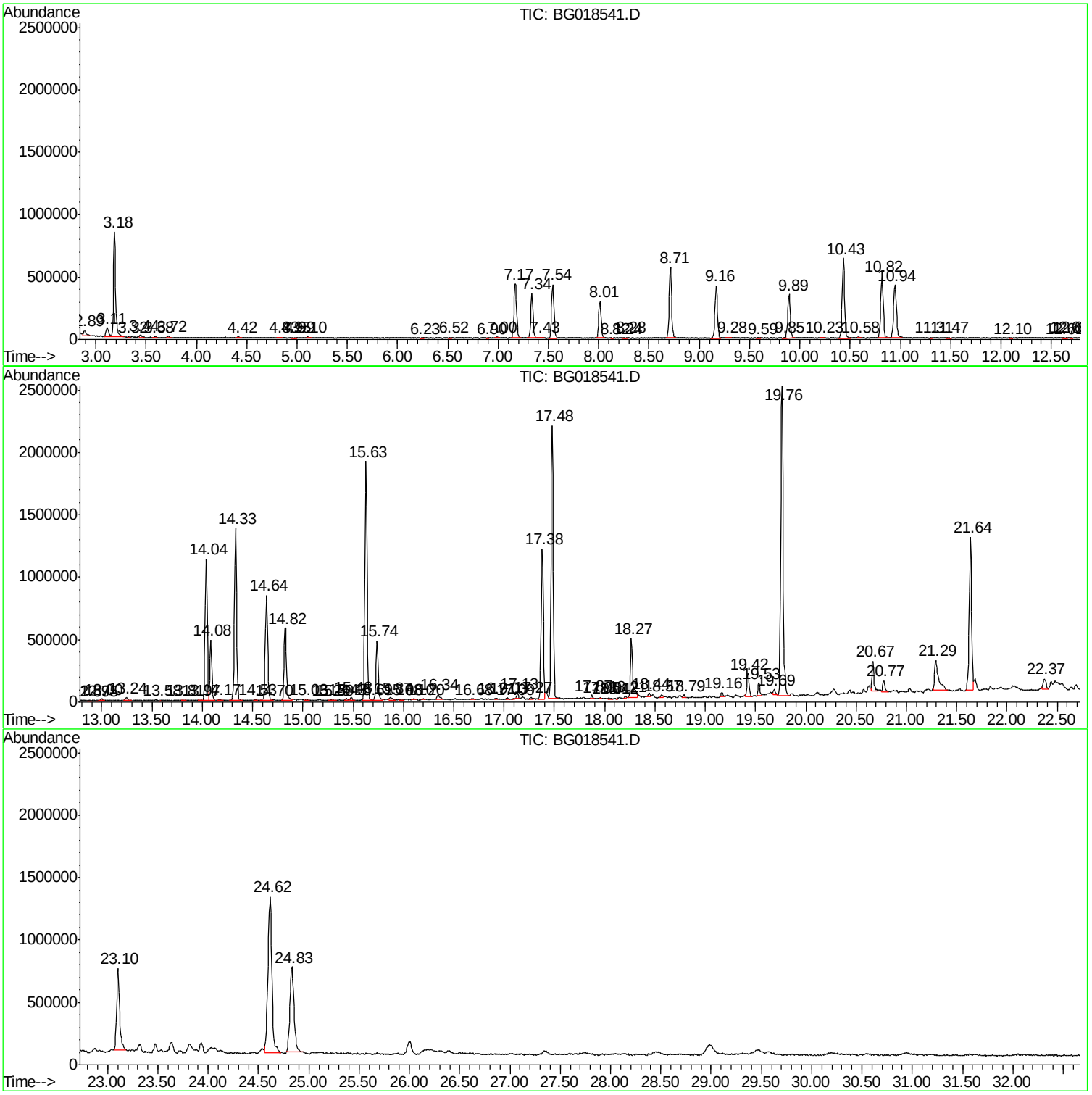
Sum of corrected areas: 40929707

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

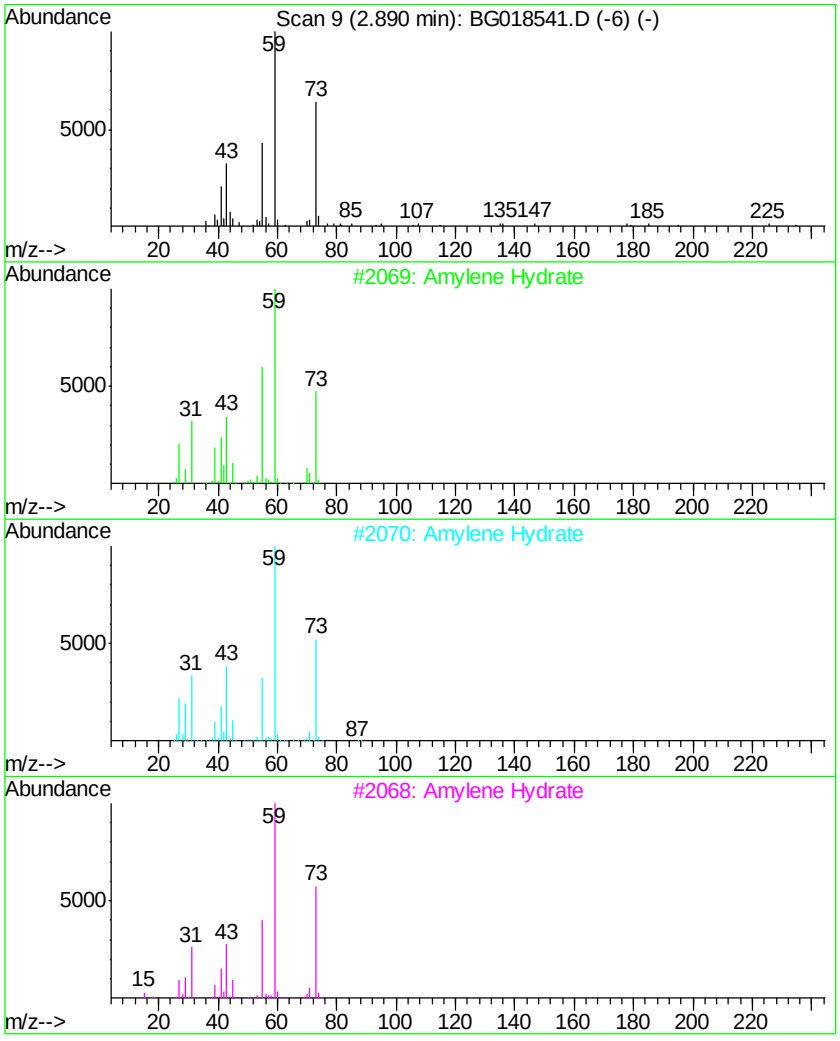
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

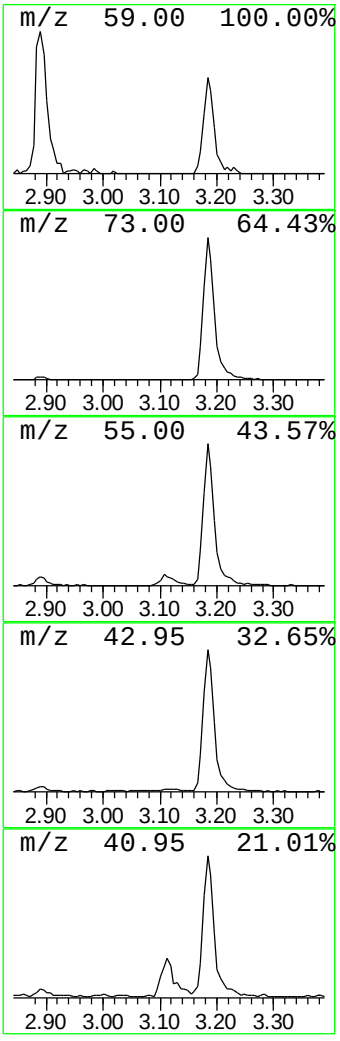
****

Peak Number 1 Amylene Hydrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.58 ng/ul	64417	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	64
2	Amylene Hydrate	88	C5H12O	000075-85-4	56
3	Amylene Hydrate	88	C5H12O	000075-85-4	56
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	53
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

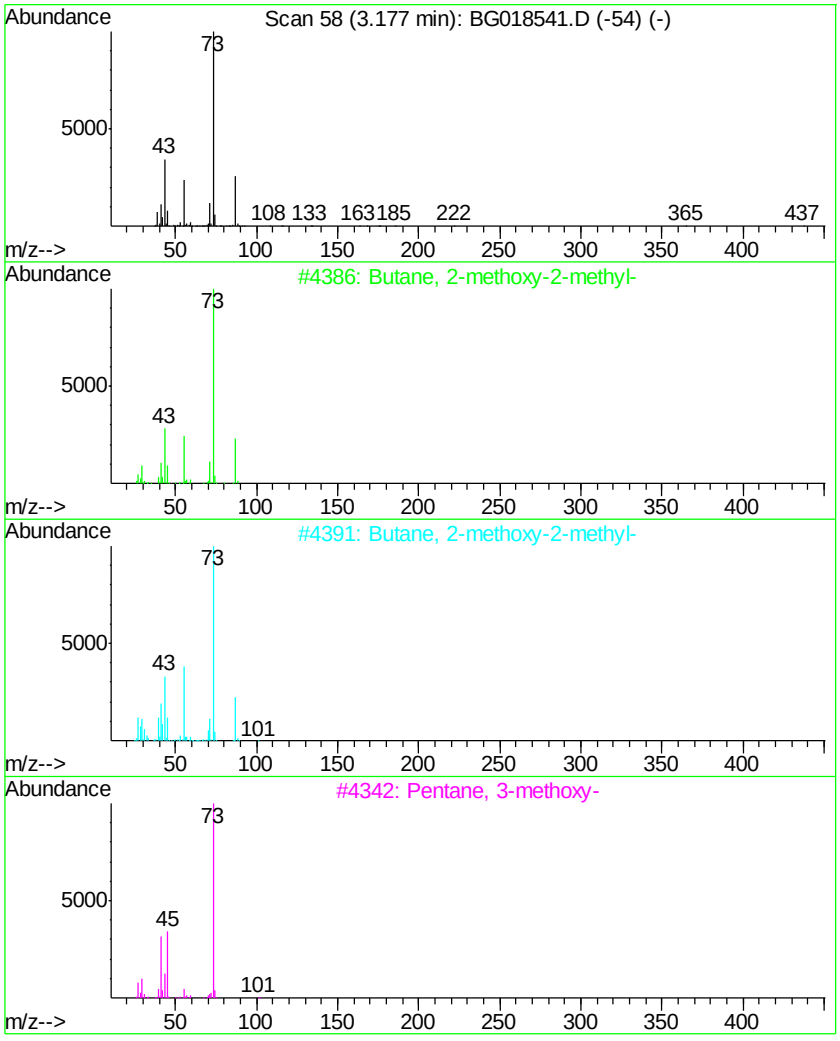
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

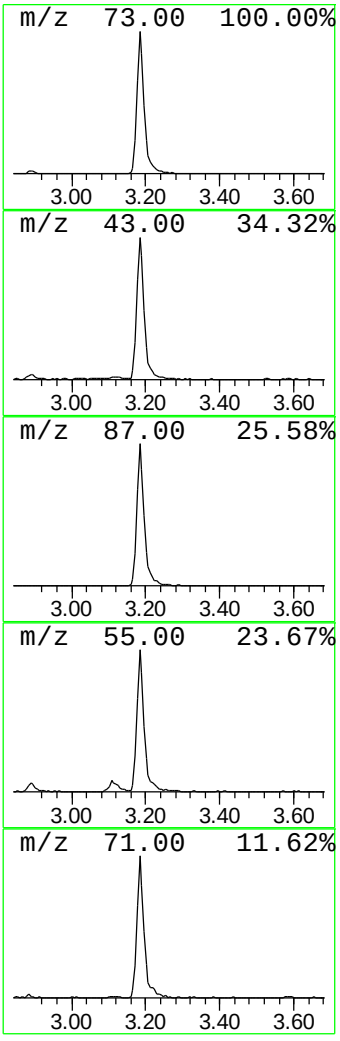
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	45.79 ng/ul	1141710	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

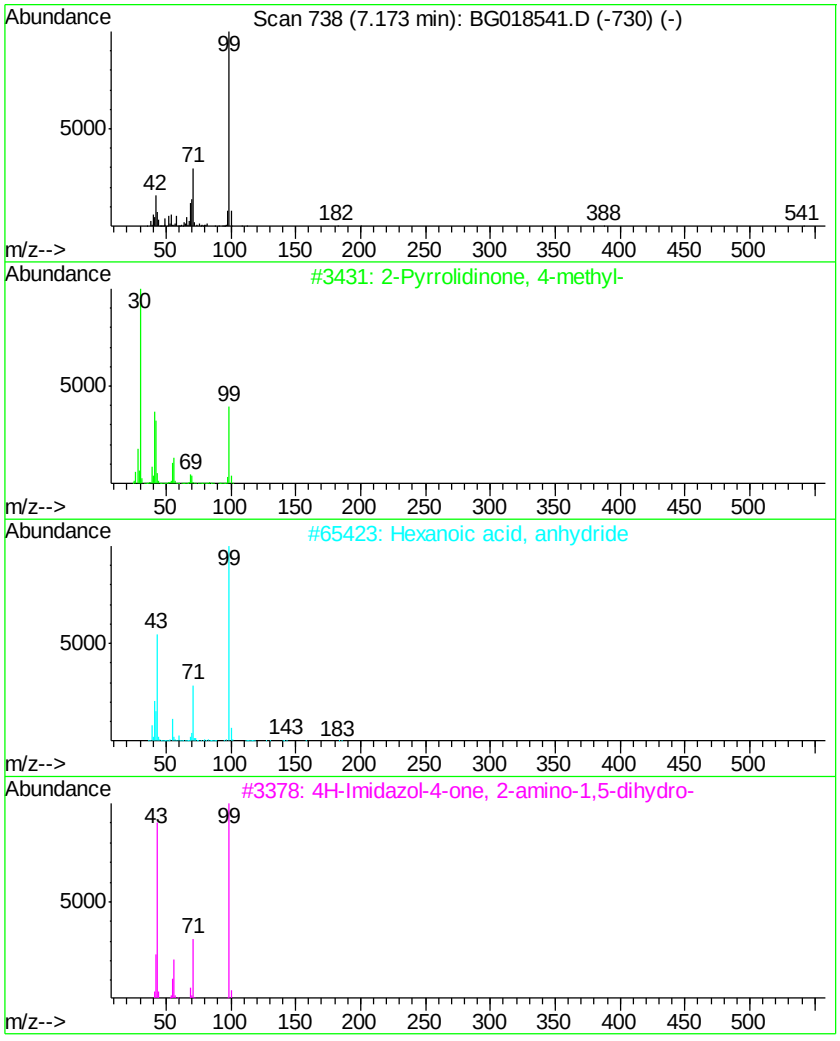
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

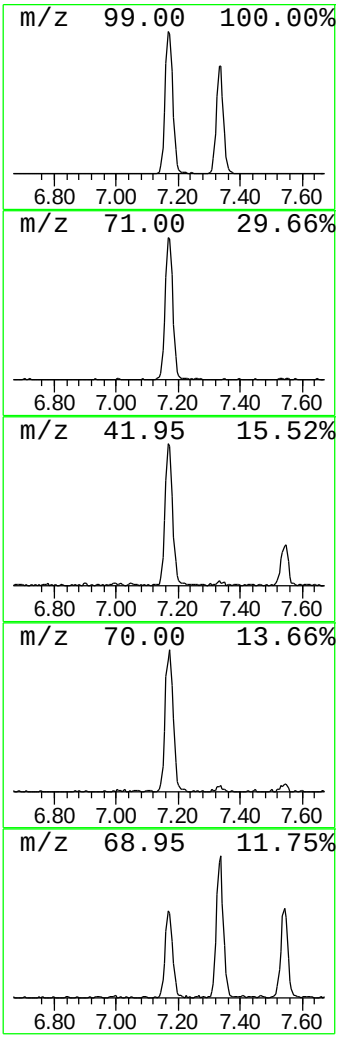
****

Peak Number 4 2-Pyrrolidinone, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	30.24 ng/ul	754053	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	53
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	45
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	45
5	Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

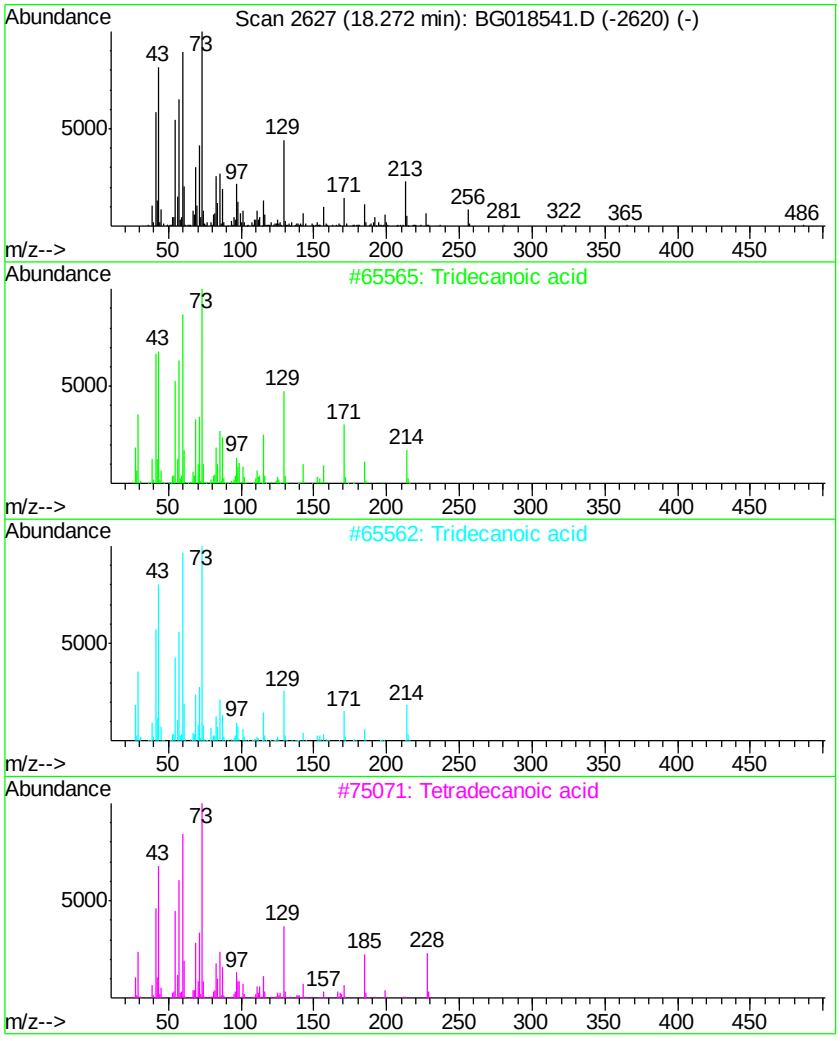
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

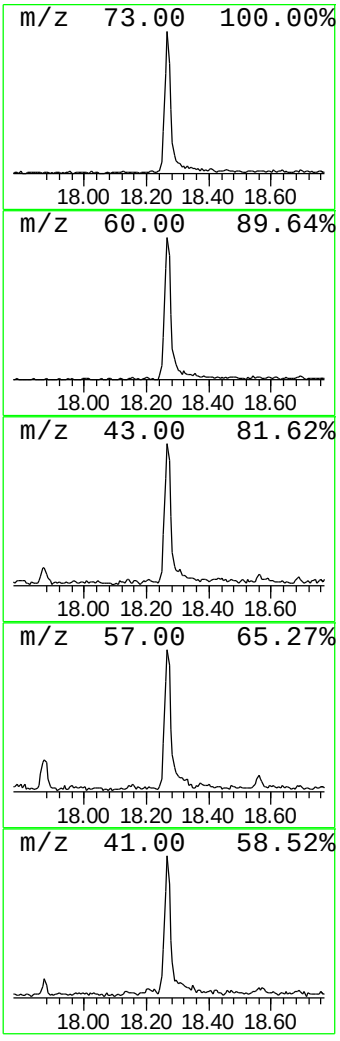
****

Peak Number 5 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	8.46 ng/ul	764907	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

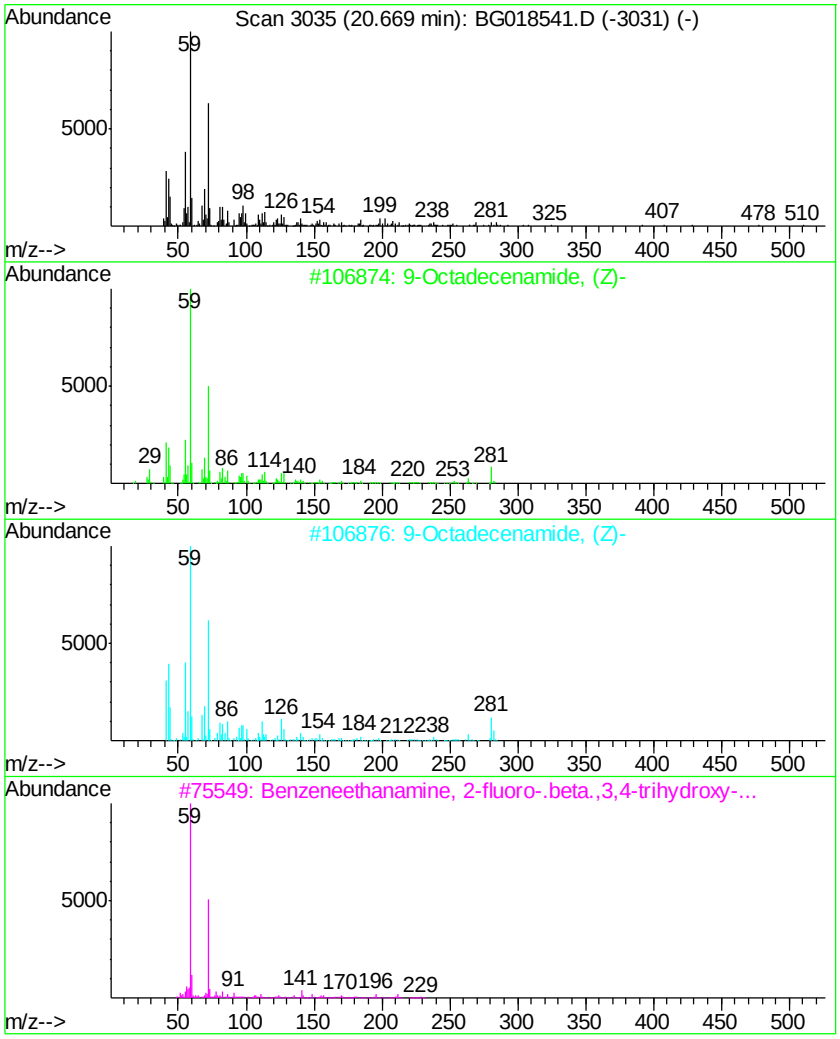
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

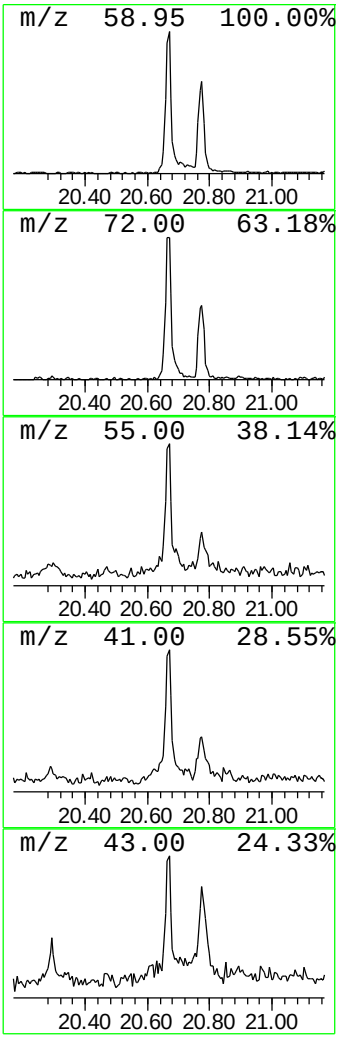
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.83 ng/ul	304158	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	80
4	Decanamide-	171	C10H21NO	002319-29-1	78
5	Octanamide	143	C8H17NO	000629-01-6	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

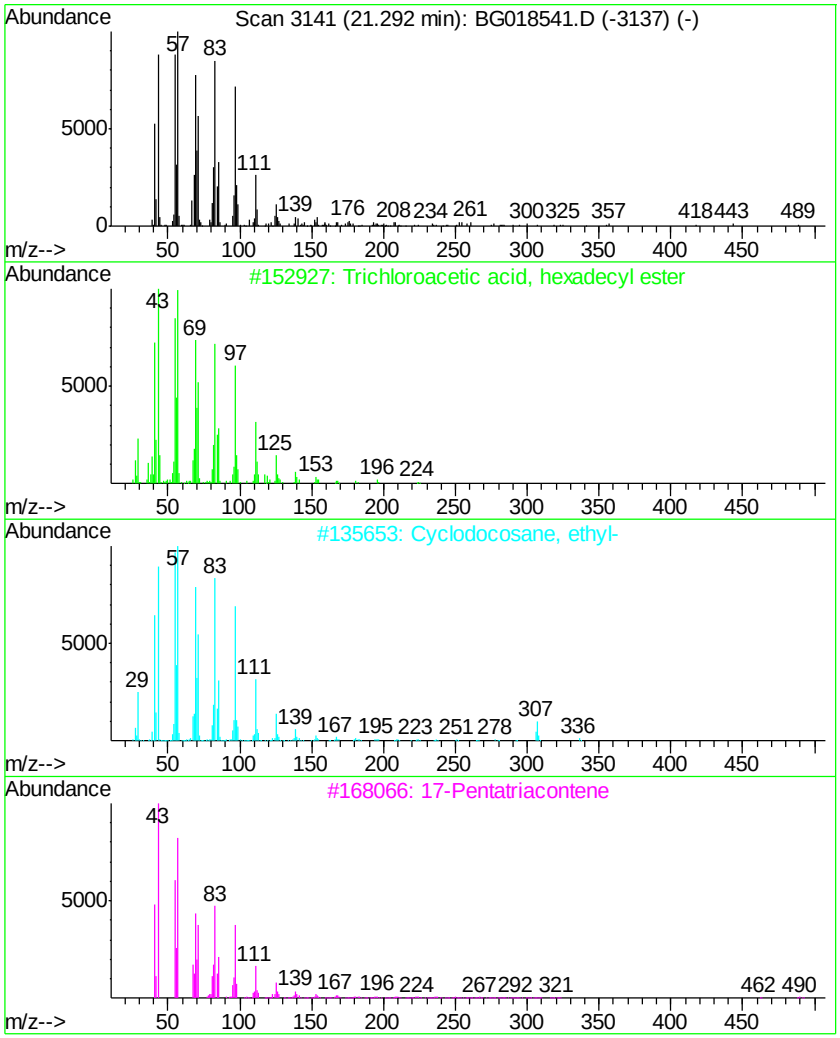
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

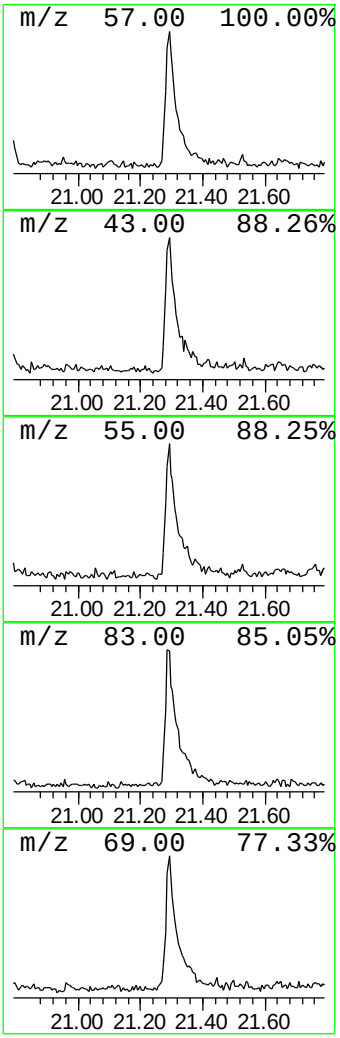
****

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	6.04 ng/ul	649815	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	80
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

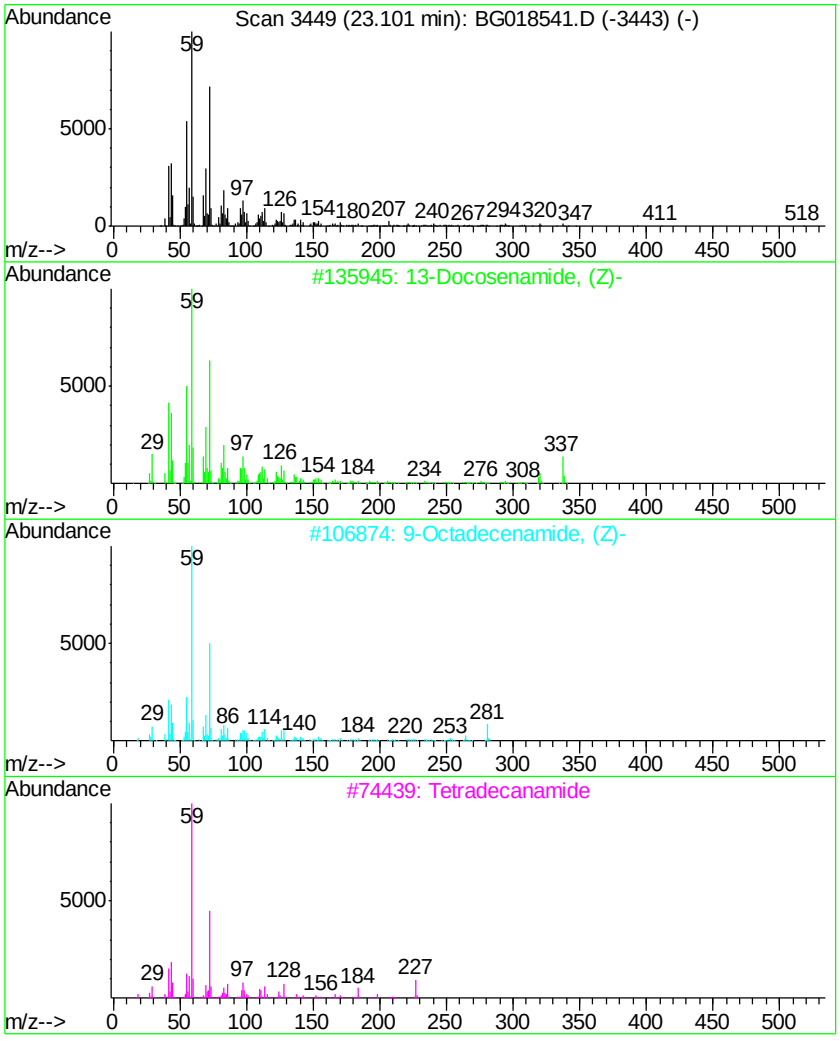
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

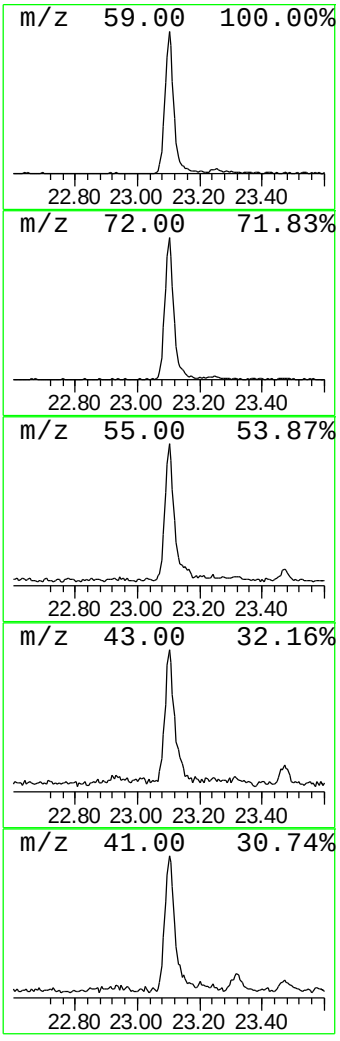
****

Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	13.18 ng/ul	1417300	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
Amylene Hydrate	2.89	2.6	ng/ul	64417	1	8.01	498677	20.0
Butane, 2-methoxy...	3.18	45.8	ng/ul	1141710	1	8.01	498677	20.0
2-Pyrrolidinone, ...	7.17	30.2	ng/ul	754053	1	8.01	498677	20.0
Tridecanoic acid	18.27	8.5	ng/ul	764907	4	17.38	1808840	20.0
9-Octadecenamide,...	20.67	2.8	ng/ul	304158	5	21.64	2151180	20.0
Trichloroacetic a...	21.29	6.0	ng/ul	649815	5	21.64	2151180	20.0
13-Docosenamide, ...	23.10	13.2	ng/ul	1417300	5	21.64	2151180	20.0