LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
Data File : BG015908.D
Acq On : 21 Jan 2015 18:42
Operator : TP/IZ
Sample : G1100-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8024

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG012015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.810	355	361	370	rVB2	425371	699397	1.50%	0.103%
2	5.275	434	440	451	rBV	3302909	4741439	10.19%	0.700%
3	6.879	701	713	714	rBV	3412405	6079525	13.07%	0.898%
4	6.902	714	717	726	rVB	5260010	7379966	15.86%	1.090%
5	7.119	746	754	764	rBV	3894272	5791162	12.45%	0.855%
6	7.219	764	771	779	rBV	3149750	5074699	10.91%	0.750%
7	7.572	823	831	839	rVB	5976901	9408283	20.22%	1.390%
8	7.719	842	856	867	rVB	6542761	11081874	23.82%	1.637%
9	8.001	897	904	906	rBV	2375822	3719025	7.99%	0.549%
10	8.030	906	909	918	rVB	4355557	6891273	14.81%	1.018%
11	8.841	1039	1047	1055	rBV2	2313544	3750608	8.06%	0.554%
12	9.593	1166	1175	1183	rBV	1783572	2870615	6.17%	0.424%
13	9.893	1220	1226	1235	rVB	3501439	5488333	11.80%	0.811%
14	10.339	1293	1302	1310	rBV	9567833	16020338	34.43%	2.366%
15	10.474	1316	1325	1328	rBV	704209	1315323	2.83%	0.194%
16	10.527	1328	1334	1341	rVB	5189035	9139814	19.64%	1.350%
17	10.803	1373	1381	1388	rBV	6921346	10980124	23.60%	1.622%
18	11.779	1537	1547	1557	rBV	9115237	14835469	31.88%	2.191%
19	12.149	1601	1610	1616	rBV	10145043	17008777	36.56%	2.512%
20	12.766	1706	1715	1721	rBV	11702820	17960005	38.60%	2.653%
21	12.836	1721	1727	1739	rVV	4285142	6543740	14.06%	0.966%
22	12.954	1739	1747	1753	rVB	5582835	8371490	17.99%	1.236%
23	13.206	1784	1790	1795	rBV	2571211	3962945	8.52%	0.585%
24	13.800	1884	1891	1899	rVB	4786880	8428731	18.12%	1.245%
25	13.935	1904	1914	1919	rBV	12303173	19080063	41.01%	2.818%
26	14.064	1927	1936	1944	rVB	12335740	20180705	43.37%	2.981%
27	14.335	1975	1982	1987	rBV	1281279	1909674	4.10%	0.282%
28	14.405	1987	1994	2000	rVB	12113735	18403418	39.55%	2.718%
29	14.581	2013	2024	2033	rBV	3987585	6342297	13.63%	0.937%
30	14.722	2040	2048	2053	rVB	8229983	12457077	26.77%	1.840%
31	15.175	2118	2125	2130	rBV	10247169	13996658	30.08%	2.067%
32	15.392	2146	2162	2167	rBV	32774288	46528405	100.00%	6.872%
33	15.698	2209	2214	2221	rVB	713335	935102	2.01%	0.138%
34	15.827	2230	2236	2243	rBV	6251701	9124616	19.61%	1.348%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.273	2307	2312	2318	rBV	4419507	5825557	12.52%	0.860%
36	16.391	2326	2332	2341	rBV2	5397705	7712608	16.58%	1.139%
37	16.743	2382	2392	2403	rBV	12712877	18389109	39.52%	2.716%
38	17.084	2445	2450	2455	rVB	1936795	2597021	5.58%	0.384%
39	17.219	2467	2473	2479	rVB	9129999	13426806	28.86%	1.983%
40	17.983	2599	2603	2611	rBV	705540	1019595	2.19%	0.151%
41	19.152	2794	2802	2808	rBV	11529290	16434672	35.32%	2.427%
42	19.270	2817	2822	2829	rBV3	354103	520901	1.12%	0.077%
43	19.517	2855	2864	2870	rBV	14694552	22600988	48.57%	3.338%
44	19.716	2892	2898	2903	rBV	11673342	14685006	31.56%	2.169%
45	20.416	3011	3017	3022	rBV	17444664	22867648	49.15%	3.377%
46	20.980	3110	3113	3117	rBV3	422442	573379	1.23%	0.085%
47	21.185	3143	3148	3153	rBV	9046155	9635450	20.71%	1.423%
48	21.262	3154	3161	3166	rBV2	15307731	25624126	55.07%	3.785%
49	21.315	3166	3170	3175	rVB	13806473	17716682	38.08%	2.617%
50	22.073	3293	3299	3307	rVB	18466862	24801900	53.30%	3.663%
51	22.449	3359	3363	3368	rVB	475331	655238	1.41%	0.097%
52	22.872	3424	3435	3438	rBV	15222900	34290056	73.70%	5.065%
53	22.907	3438	3441	3449	rVB	10590145	16734604	35.97%	2.472%
54	23.447	3523	3533	3542	rBV	9793386	20820352	44.75%	3.075%
55	23.536	3542	3548	3556	rVB	1551893	2837860	6.10%	0.419%
56	25.862	3927	3944	3955	rBV	7405738	27370046	58.82%	4.042%
57	26.603	4047	4070	4078	rBV	7528421	33418921	71.82%	4.936%

Sum of corrected areas: 677059495

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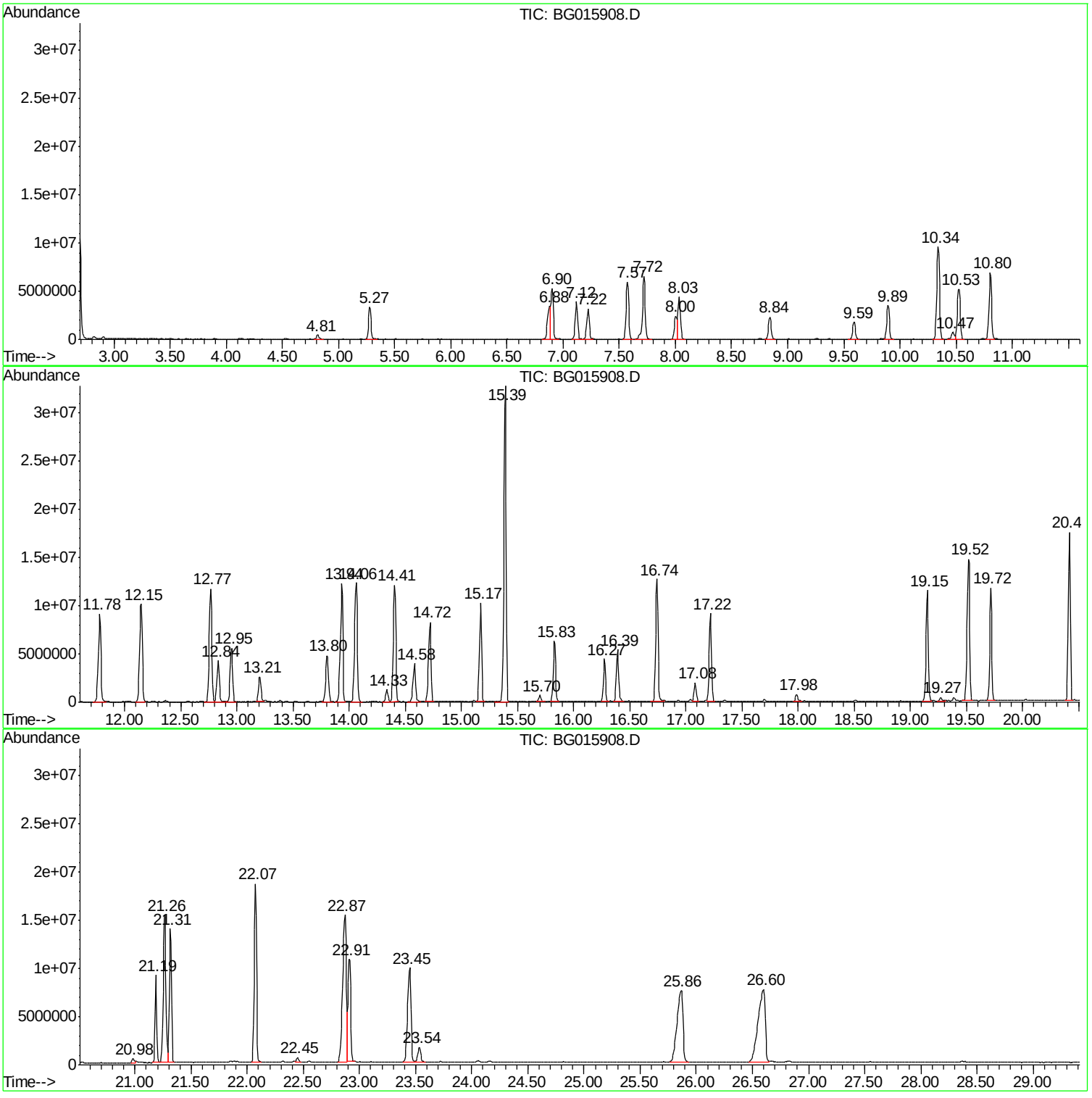
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8024

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
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Sample : G1100-18
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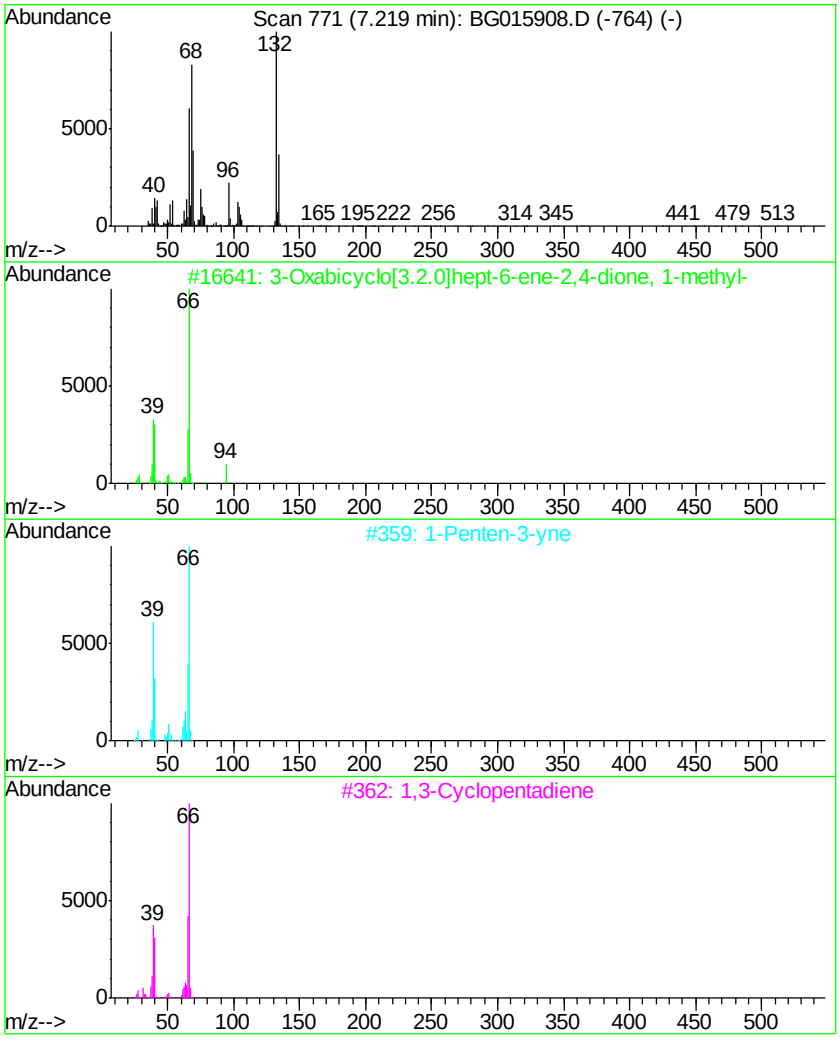
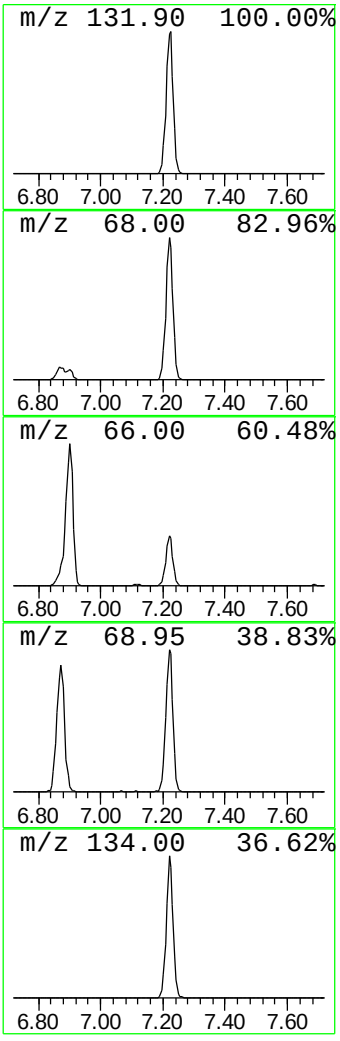
Peak Number 1 unknown7.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	9.16 ng	5074700	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	22
2	1-Penten-3-yne	66	C5H6	000646-05-9	22
3	1,3-Cyclopentadiene	66	C5H6	000542-92-7	12
4	1,2,4-Metheno-1H-cyclobuta[cd]pe...	148	C10H12O	015776-05-3	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





Library Search Compound Report

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Sample : G1100-18
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Instrument : BNA_G
ClientSampleId : 8024

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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TIC Library : C:\DATABASE\NIST02.L
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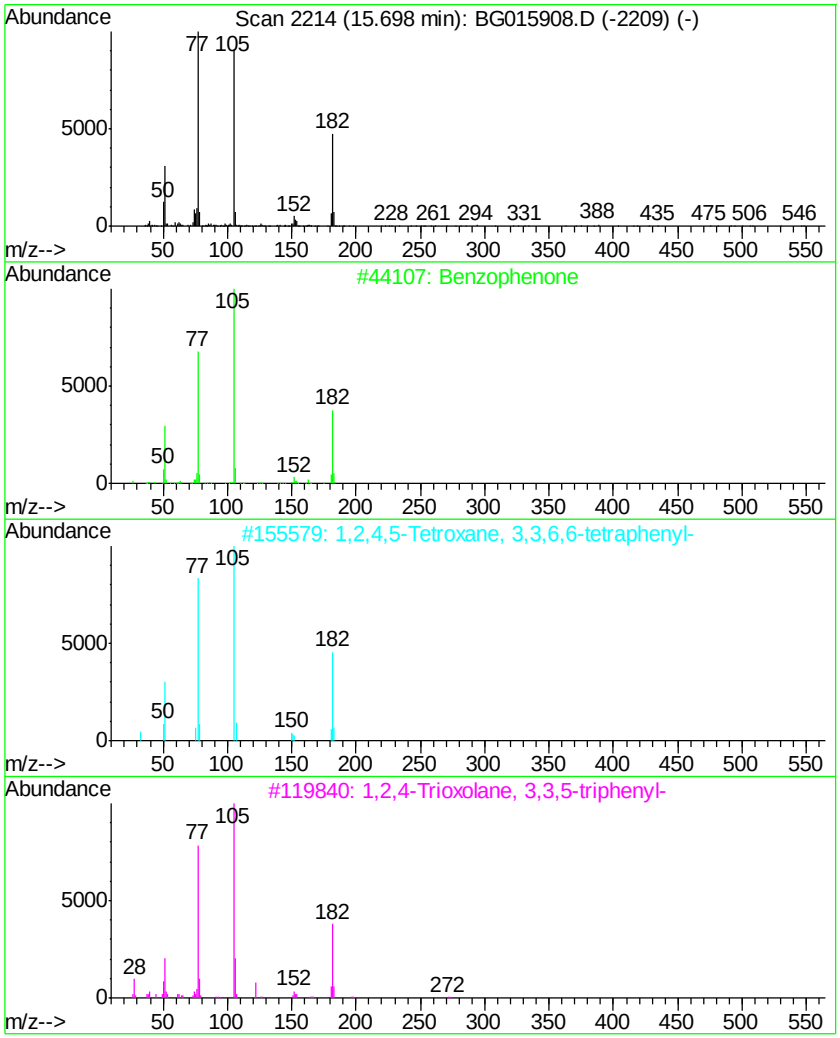
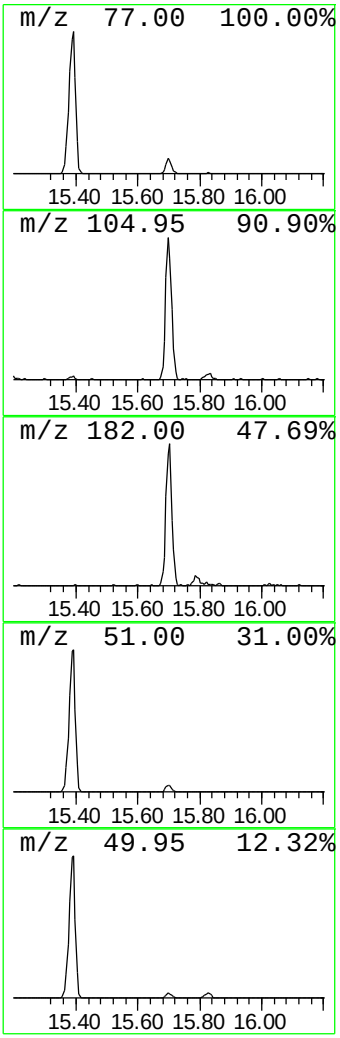
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	9.79 ng	935102	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
4	Azobenzene	182	C12H10N2	000103-33-3	64
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	64





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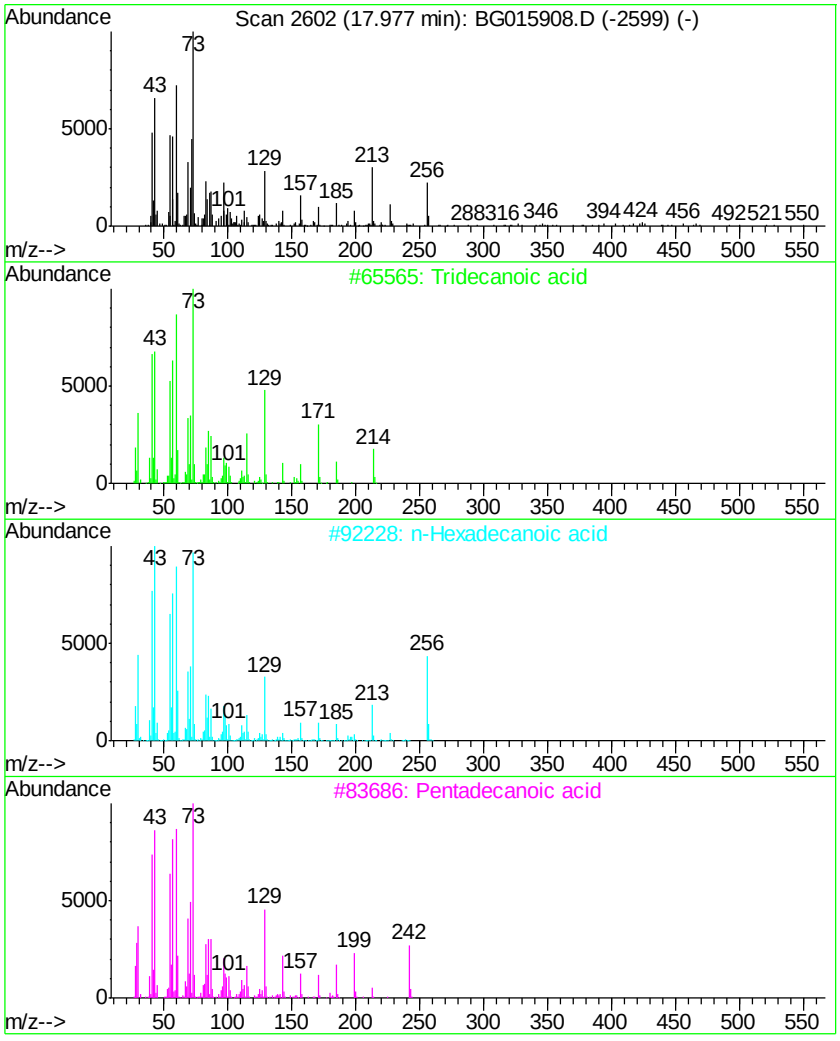
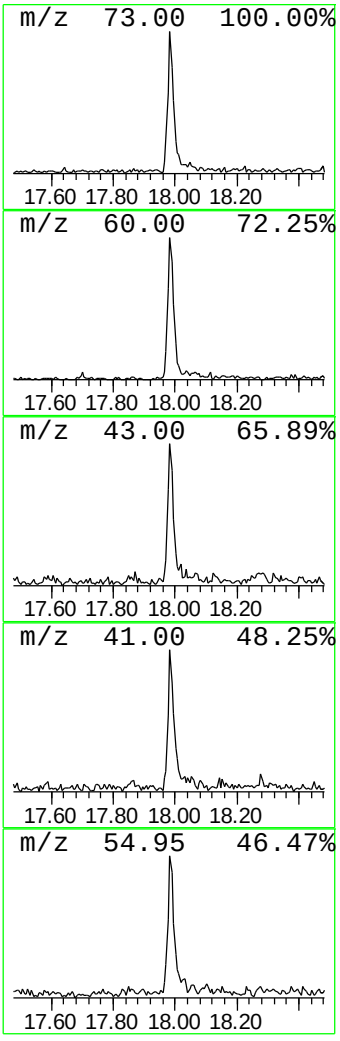
Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	7.85 ng	1019600	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8024

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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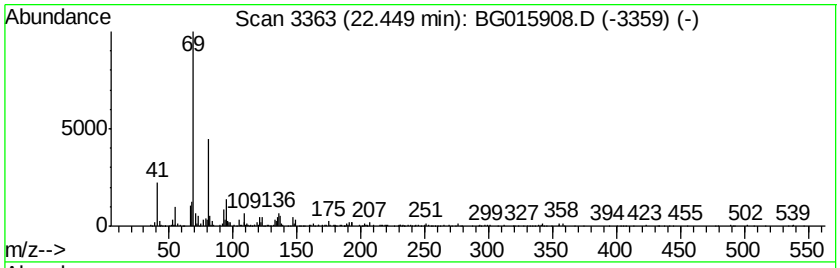
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

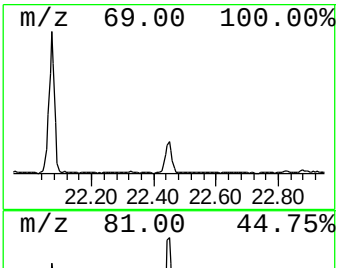
****

Peak Number 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	4.62 ng	655238	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	74
2	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	64
3	3-Ethyl-1,5-octadiene	138	C10H18	1000114-87-7	64
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.22	7.22	9.2	ng	5074700	1	7.68	11081900	20.0
Benzophenone	15.70	9.8	ng	935102	3	14.33	1909670	20.0
Tridecanoic acid	17.98	7.8	ng	1019600	4	17.08	2597020	20.0
Squalene	22.45	4.6	ng	655238	6	23.54	2837860	20.0