LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016734.D
Acq On : 27 Apr 2015 13:44
Operator : TP/IZ
Sample : G1949-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-08

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-BG042315.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	2.731	3	7	13	rVV	78987	105544	5.73%	0.803%
2	4.688	335	340	352	rVB	83525	126199	6.86%	0.960%
3	5.175	417	423	432	rBV	526897	755646	41.05%	5.749%
4	6.785	689	697	712	rBV	568991	891481	48.43%	6.782%
5	7.120	746	754	764	rBV	600058	912601	49.57%	6.943%
6	7.578	826	832	840	rBV	229692	364025	19.77%	2.770%
7	7.902	879	887	896	rBV	424820	685131	37.22%	5.212%
8	8.742	1023	1030	1044	rBV	328954	535163	29.07%	4.072%
9	10.363	1298	1306	1316	rBV	331296	553887	30.09%	4.214%
10	12.855	1723	1730	1744	rBV	958730	1439300	78.19%	10.950%
11	13.701	1868	1874	1882	rBV	92187	134251	7.29%	1.021%
12	14.235	1959	1965	1975	rVB2	499262	738603	40.12%	5.619%
13	15.734	2213	2220	2227	rBV	575425	830407	45.11%	6.318%
14	15.951	2254	2257	2266	rVB3	11279	20947	1.14%	0.159%
15	16.744	2386	2392	2398	rBV3	13386	20059	1.09%	0.153%
16	16.979	2426	2432	2438	rBV2	575577	815561	44.30%	6.205%
17	17.884	2581	2586	2597	rBV2	80003	133150	7.23%	1.013%
18	19.047	2779	2784	2788	rBV2	12420	21022	1.14%	0.160%
19	19.171	2801	2805	2814	rBV7	29716	63702	3.46%	0.485%
20	19.318	2825	2830	2837	rBV2	49017	61709	3.35%	0.469%
21	19.429	2847	2849	2855	rVB5	15651	19809	1.08%	0.151%
22	19.617	2875	2881	2887	rBV	1509462	1840861	100.00%	14.005%
23	20.363	3004	3008	3012	rBV2	33411	38860	2.11%	0.296%
24	20.422	3014	3018	3022	rBV4	18364	23537	1.28%	0.179%
25	20.880	3092	3096	3105	rBV	170087	220106	11.96%	1.675%
26	21.168	3140	3145	3150	rBV	741267	881874	47.91%	6.709%
27	21.321	3168	3171	3176	rBV3	25526	33366	1.81%	0.254%
28	23.372	3513	3520	3530	rBV	474824	877201	47.65%	6.674%

Sum of corrected areas: 13144002

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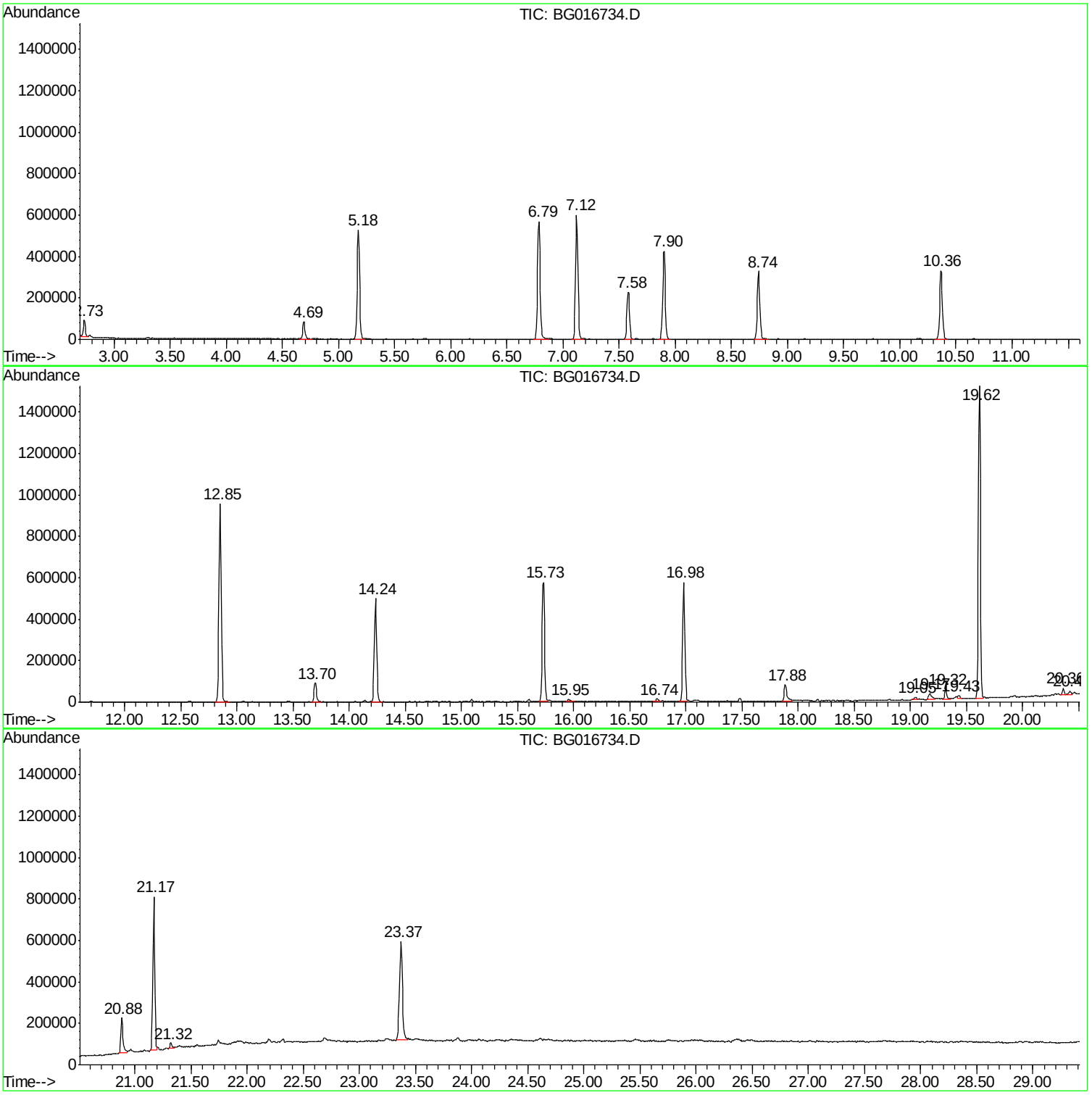
Instrument : BNA_G
ClientSampleId : TEC-08

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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

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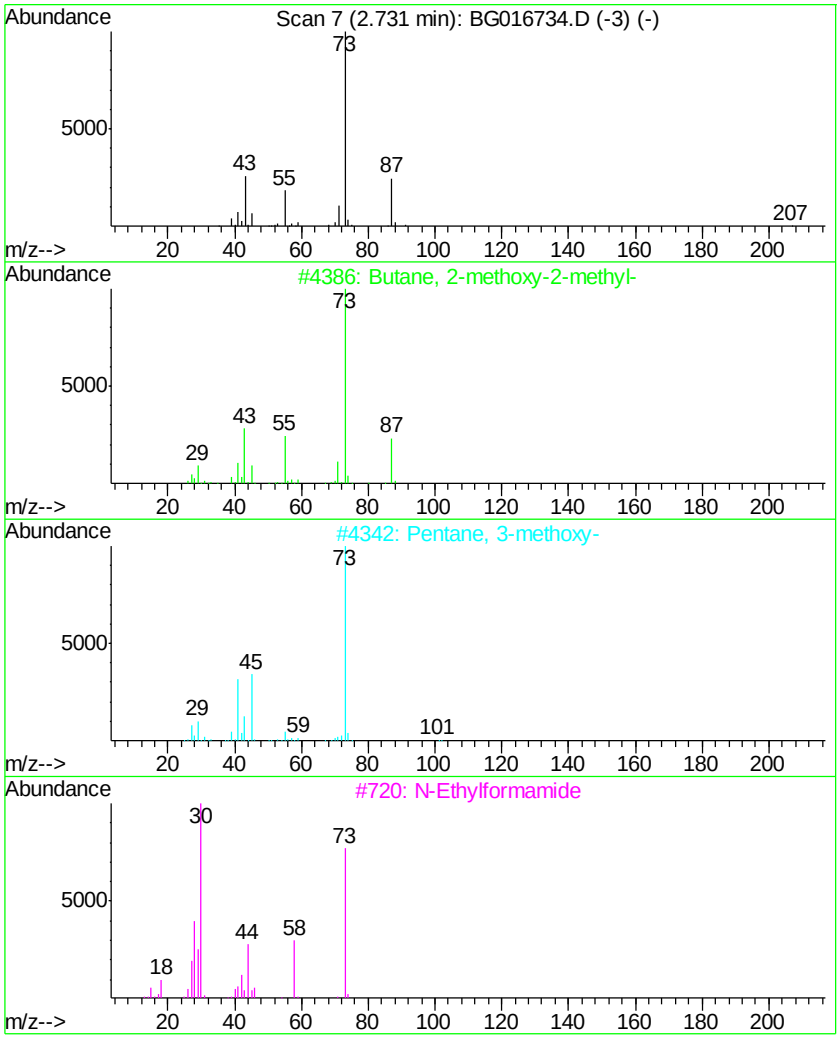
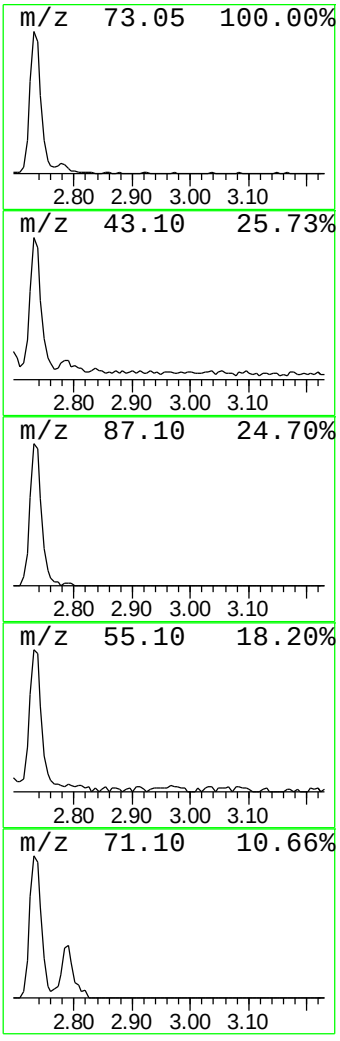
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	5.80 ng	105544	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





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Sample : G1949-05
Misc :
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Instrument : BNA_G
ClientSampleId : TEC-08

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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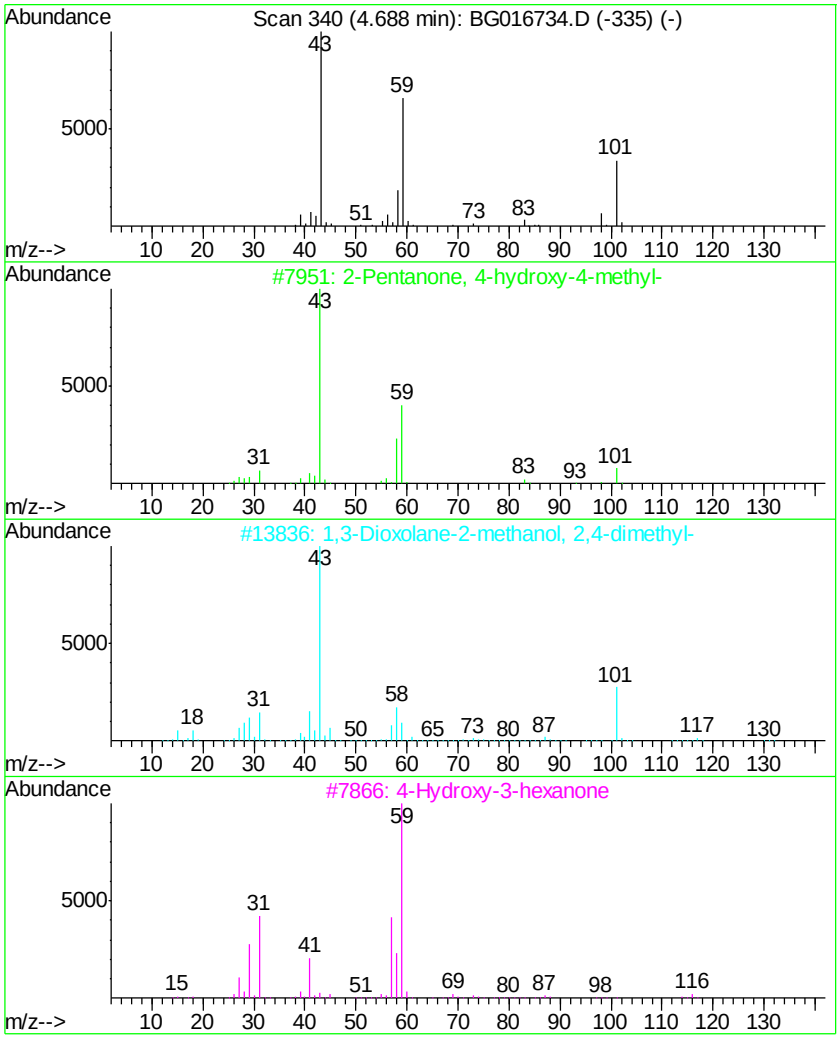
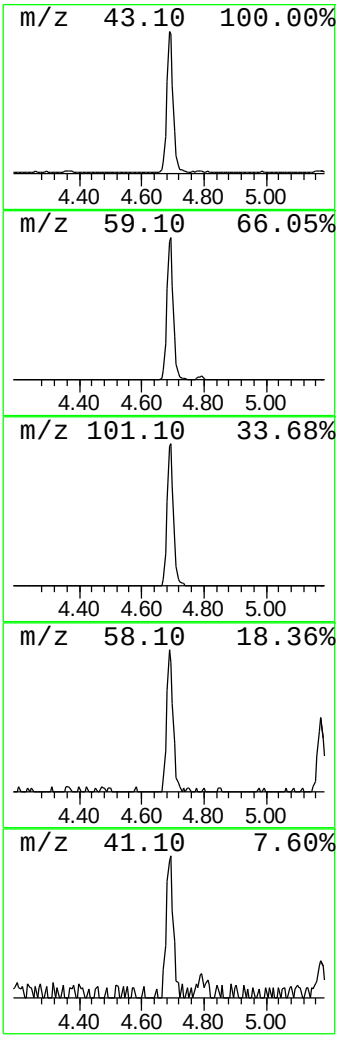
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	6.93 ng	126199	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	17





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Sample : G1949-05
Misc :
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ClientSampleId : TEC-08

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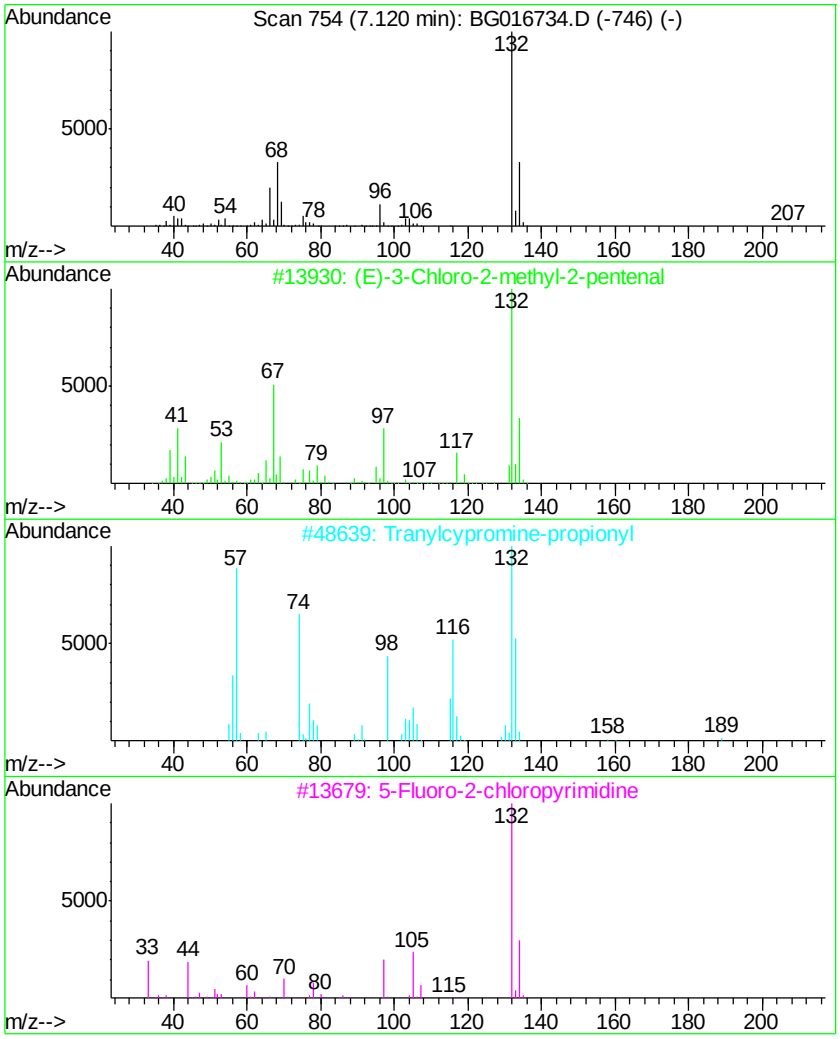
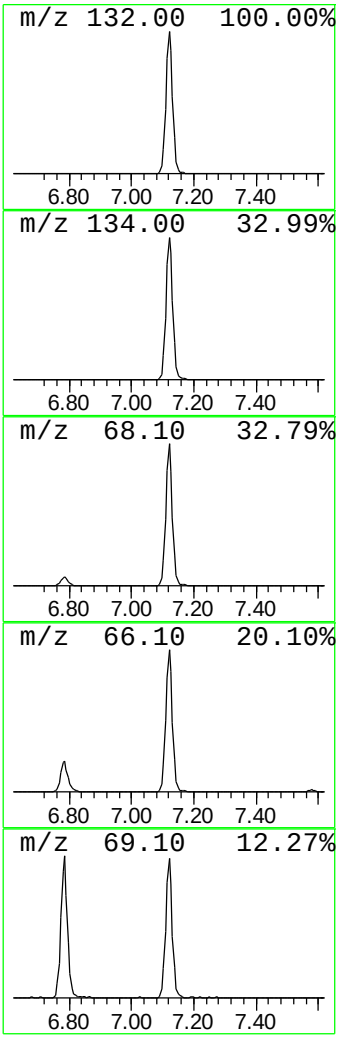
Peak Number 3 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	50.14 ng	912601	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_G
ClientSampleId : TEC-08

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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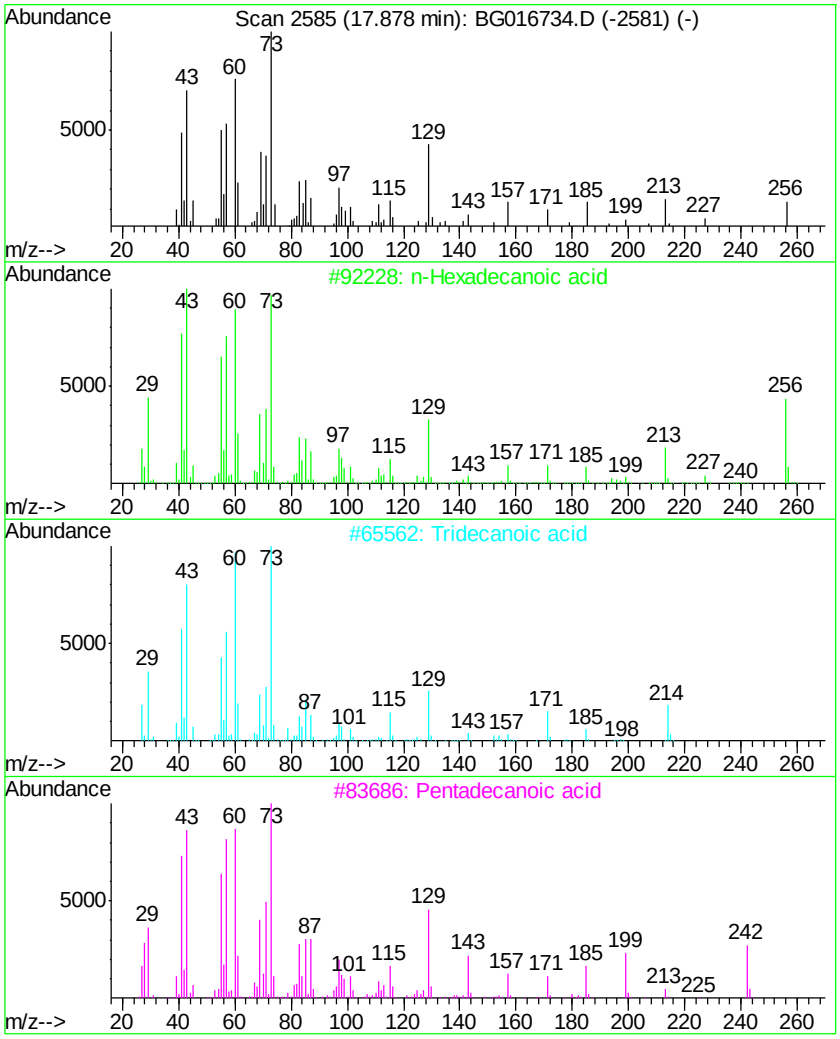
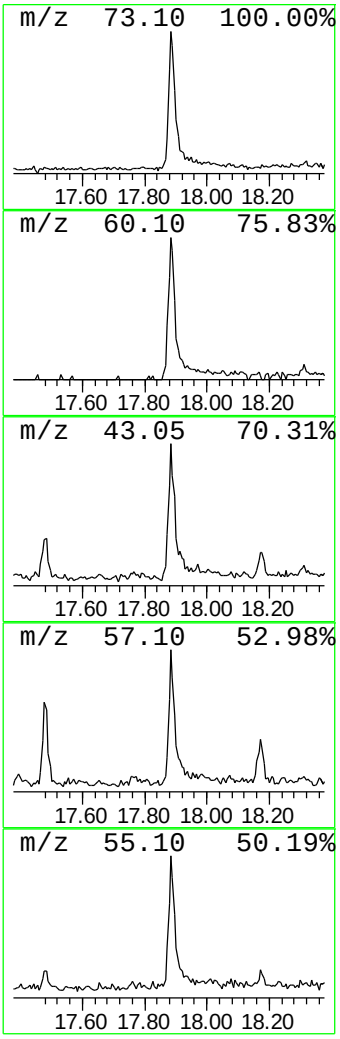
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.27 ng	133150	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
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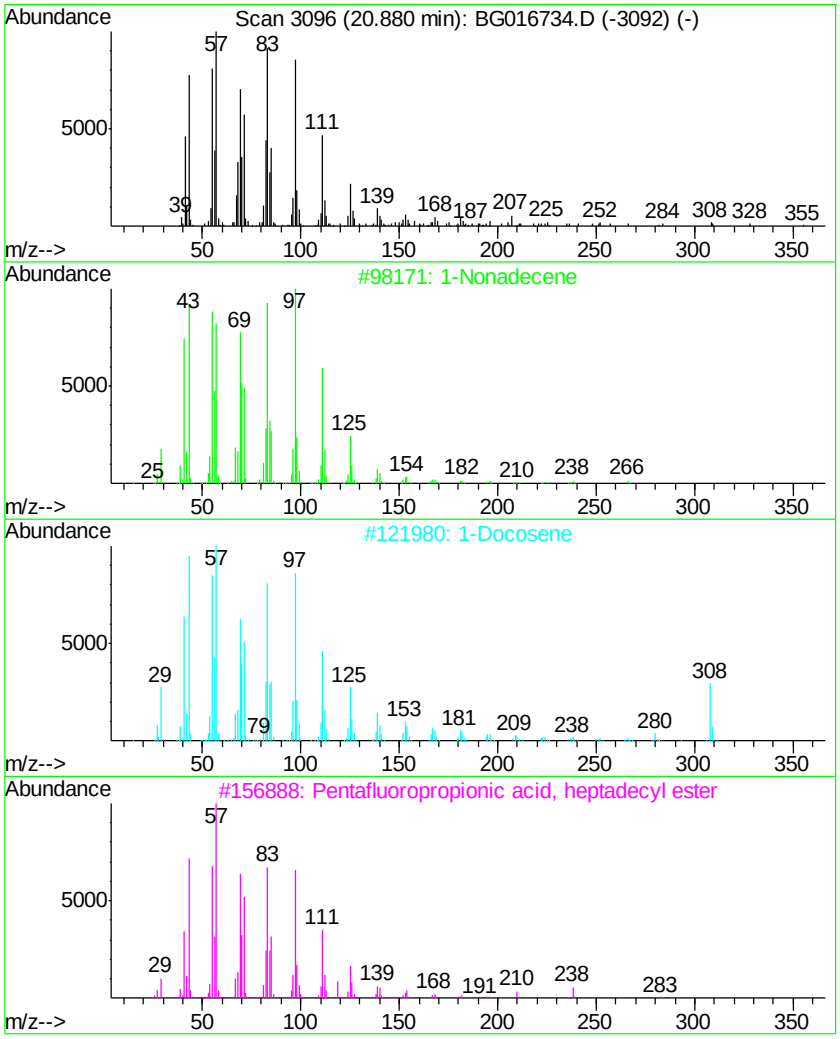
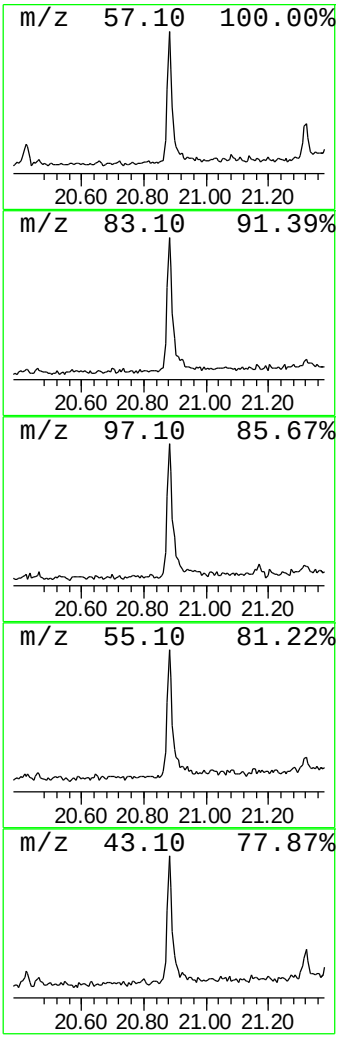
****

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	4.99 ng	220106	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Docosene	308	C22H44	001599-67-3	97
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Octadecene	252	C18H36	000112-88-9	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.73	5.8	ng	105544	1	7.58	364025	20.0
2-Pentanone, 4-hy...	4.69	6.9	ng	126199	1	7.58	364025	20.0
unknown7.12	7.12	50.1	ng	912601	1	7.58	364025	20.0
n-Hexadecanoic acid	17.88	3.3	ng	133150	4	16.98	815561	20.0
1-Nonadecene	20.88	5.0	ng	220106	5	21.17	881874	20.0