LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021624.D
Acq On : 13 Apr 2016 16:55
Operator : UM/SJ
Sample : H1739-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

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-BG041316.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	3.951	183	189	202	rBV	250616	395094	6.87%	0.574%
2	5.761	488	497	509	rBV	550807	926678	16.11%	1.346%
3	7.359	761	769	778	rBV	636910	1107727	19.25%	1.609%
4	7.635	807	816	824	rBV	398795	657491	11.43%	0.955%
5	7.747	828	835	848	rVV	560683	1004548	17.46%	1.459%
6	8.111	889	897	906	rVB	748842	1288091	22.39%	1.871%
7	8.223	909	916	924	rVB	108833	191077	3.32%	0.278%
8	8.546	963	971	981	rBV	410671	718721	12.49%	1.044%
9	9.315	1094	1102	1108	rBV	418822	768794	13.36%	1.117%
10	9.386	1108	1114	1118	rVV	359651	702835	12.22%	1.021%
11	9.433	1118	1122	1130	rVB	349827	600935	10.45%	0.873%
12	9.956	1201	1211	1219	rVB	952874	1704358	29.62%	2.476%
13	10.896	1361	1371	1378	rBV	259934	464811	8.08%	0.675%
14	11.037	1387	1395	1399	rBV	166414	307499	5.34%	0.447%
15	11.090	1399	1404	1410	rVB	188051	340518	5.92%	0.495%
16	12.676	1666	1674	1683	rVB	669338	1110914	19.31%	1.614%
17	13.458	1799	1807	1814	rVB	1092464	1714966	29.81%	2.491%
18	13.716	1841	1851	1858	rBV	1678303	2736956	47.57%	3.976%
19	14.280	1939	1947	1958	rVB	1620366	2628522	45.69%	3.819%
20	14.404	1960	1968	1974	rBV	997825	1563876	27.18%	2.272%
21	14.827	2033	2040	2045	rBV2	277971	461238	8.02%	0.670%
22	14.891	2045	2051	2059	rVB	1580241	2553956	44.39%	3.710%
23	15.173	2092	2099	2105	rBV	413839	622180	10.81%	0.904%
24	15.626	2168	2176	2182	rBV	1255905	1781177	30.96%	2.588%
25	15.861	2209	2216	2226	rVB2	2649644	4885216	84.91%	7.097%
26	16.301	2285	2291	2302	rBV	861727	1276170	22.18%	1.854%
27	16.748	2360	2367	2373	rBV2	258507	368066	6.40%	0.535%
28	16.865	2380	2387	2396	rVB	607772	910112	15.82%	1.322%
29	17.565	2498	2506	2508	rBV	354642	579503	10.07%	0.842%
30	17.612	2508	2514	2520	rVV	2874720	4712413	81.91%	6.846%
31	17.694	2520	2528	2536	rVB	648364	999041	17.36%	1.451%
32	18.510	2660	2667	2681	rBV	1792945	2286071	39.73%	3.321%
33	18.957	2734	2743	2749	rVB	86394	132179	2.30%	0.192%
34	19.597	2845	2852	2862	rBV	1801576	2649439	46.05%	3.849%

LSC Area Percent Report

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Sample : H1739-03
Misc :
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Instrument : BNA_G
ClientSampleId : PT-BN-WP

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-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.150	2939	2946	2952	rBV	2152528	2830312	49.19%	4.112%
36	20.831	3056	3062	3067	rBV	1474727	1741906	30.28%	2.531%
37	21.718	3205	3213	3221	rBV	3789437	5753320	100.00%	8.358%
38	21.830	3225	3232	3245	rVB	434287	735365	12.78%	1.068%
39	22.970	3417	3426	3440	rBV	2690223	5330036	92.64%	7.743%
40	24.122	3609	3622	3632	rVV	1766356	4692478	81.56%	6.817%
41	24.216	3634	3638	3650	rVB3	26072	63269	1.10%	0.092%
42	25.167	3788	3800	3822	rVB2	246292	813588	14.14%	1.182%
43	26.401	4004	4010	4020	rVB2	32200	93282	1.62%	0.136%
44	27.835	4245	4254	4266	rVB3	28756	102077	1.77%	0.148%
45	28.986	4433	4450	4464	rVB3	338665	1529240	26.58%	2.222%

Sum of corrected areas: 68836045

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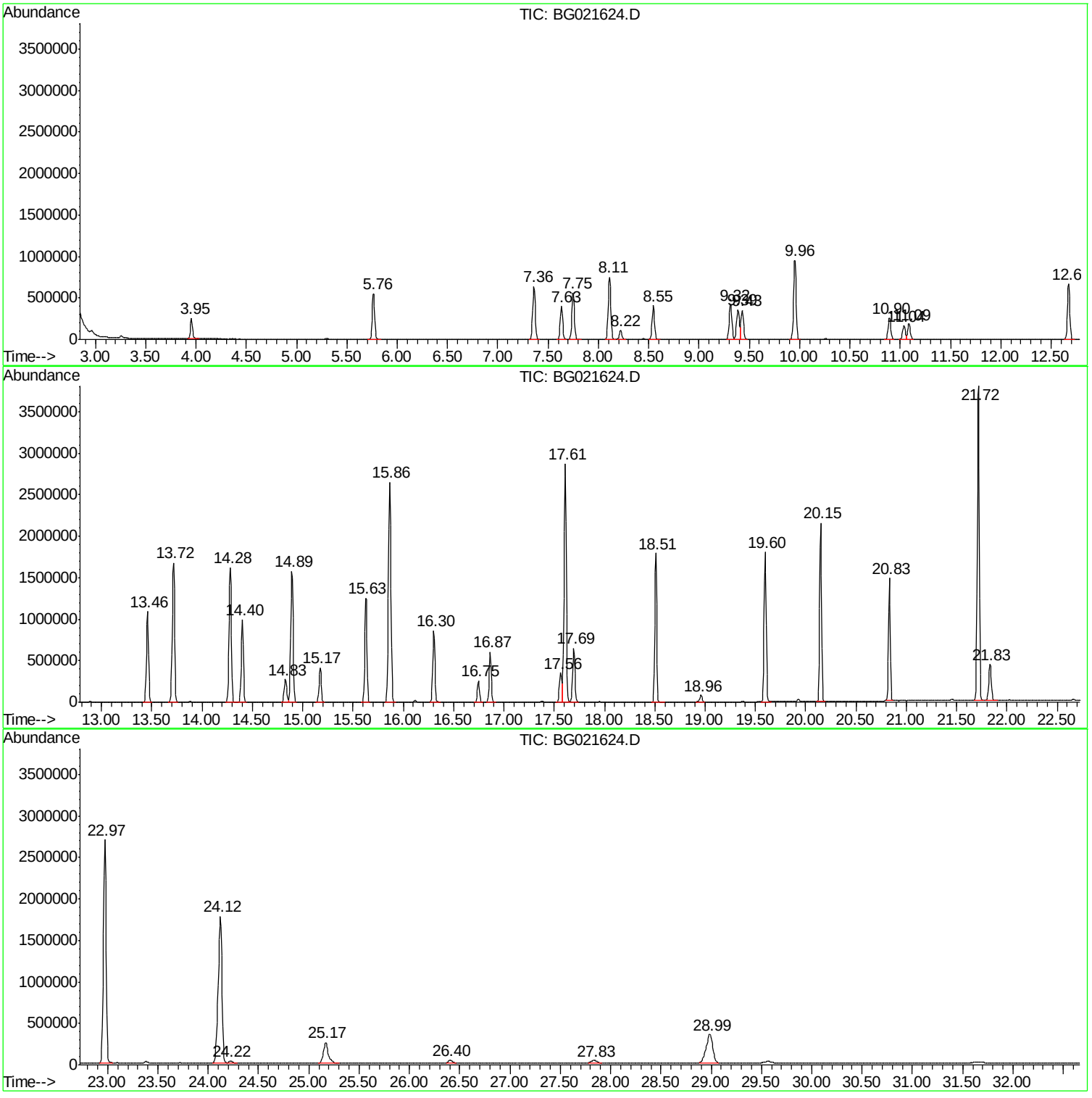
BNA_G
ClientSampleId :
PT-BN-WP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG041316\
Data File : BG021624.D
Acq On : 13 Apr 2016 16:55
Operator : UM/SJ
Sample : H1739-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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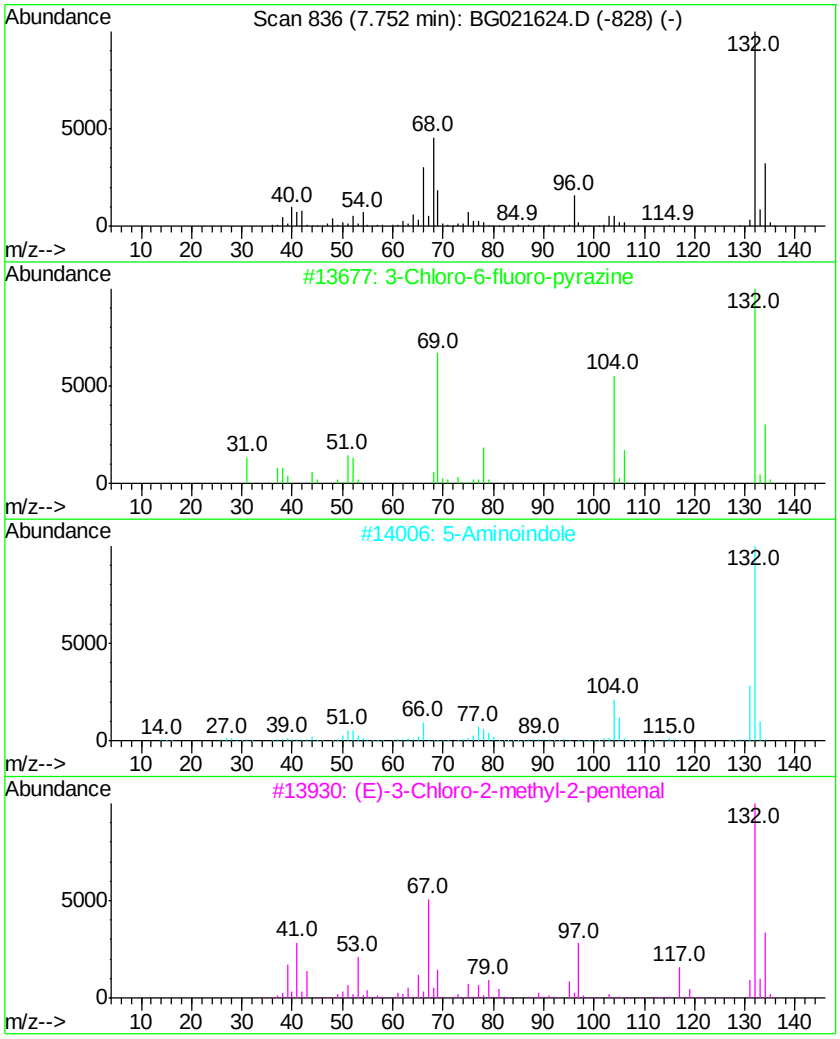
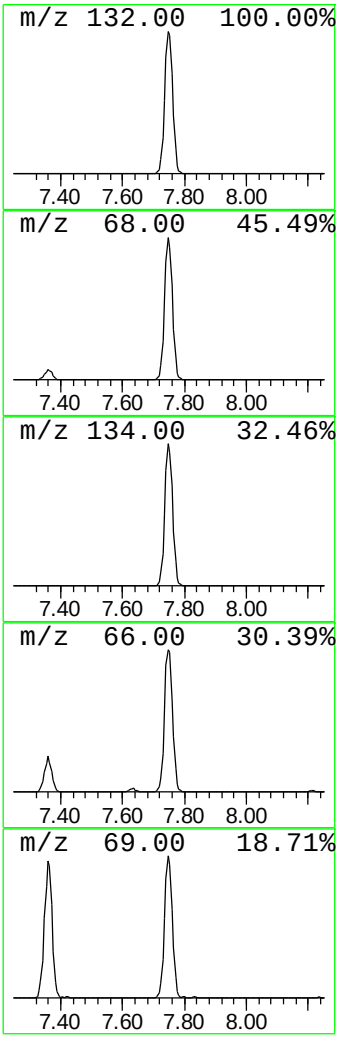
Peak Number 1 unknown7.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	105.15 ng	1004550	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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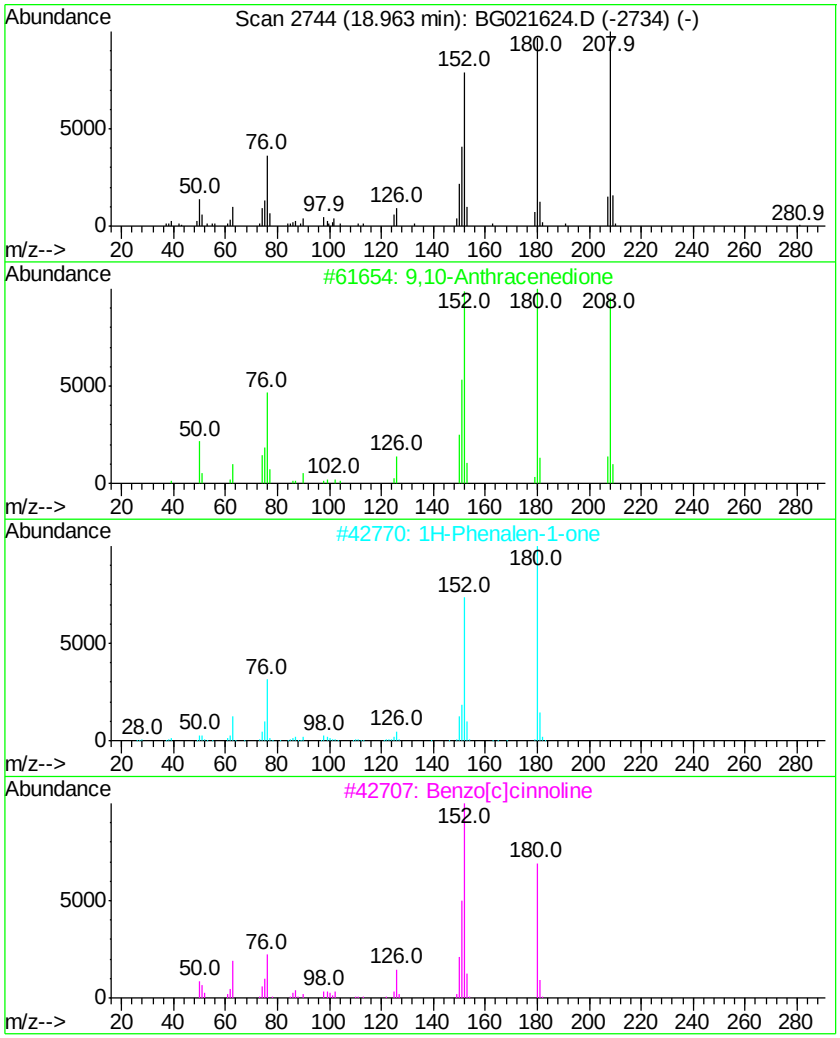
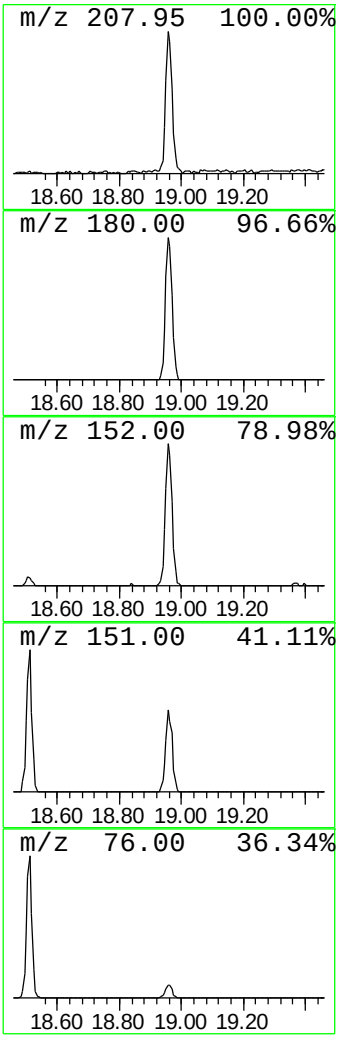
Peak Number 3 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	4.56 ng	132179	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62
4	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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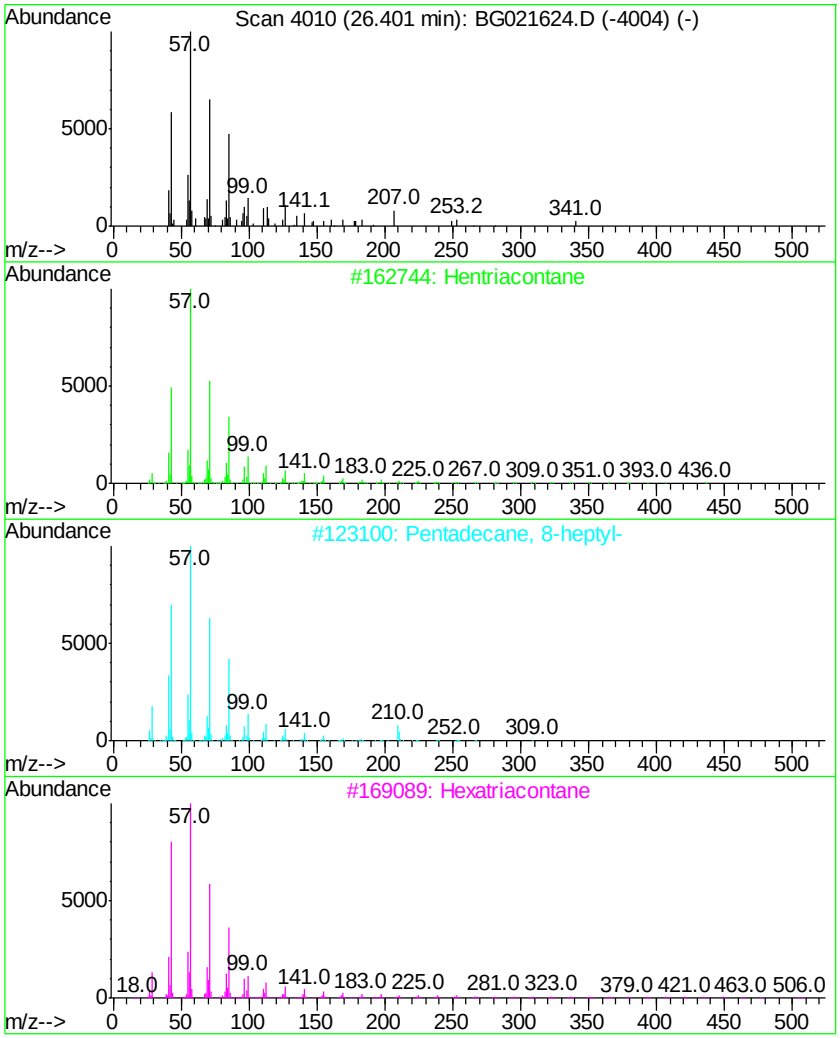
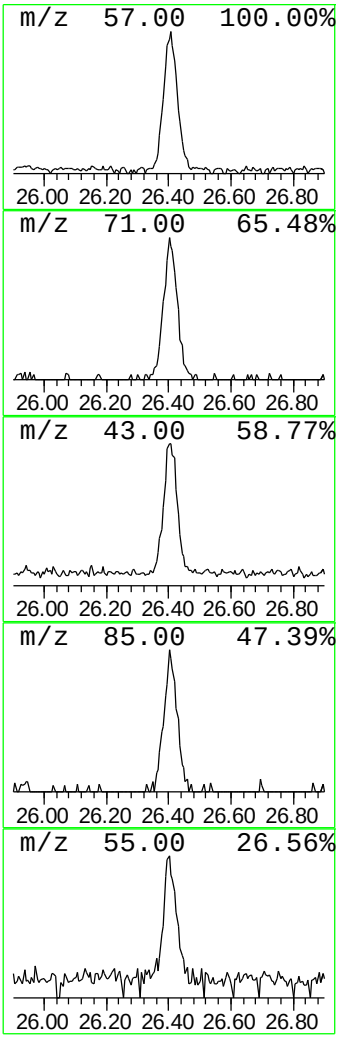
Peak Number 4 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	2.29 ng	93282	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Hexatriacontane	507	C36H74	000630-06-8	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Triacontane	422	C30H62	000638-68-6	86





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Sample : H1739-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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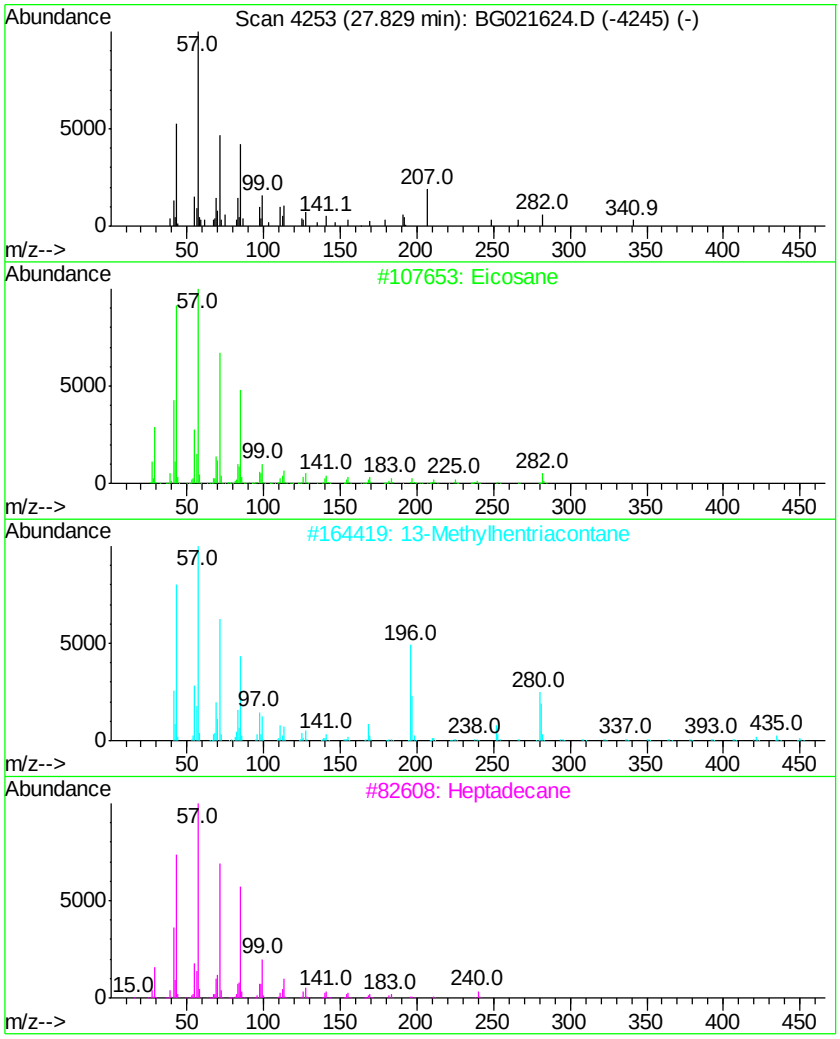
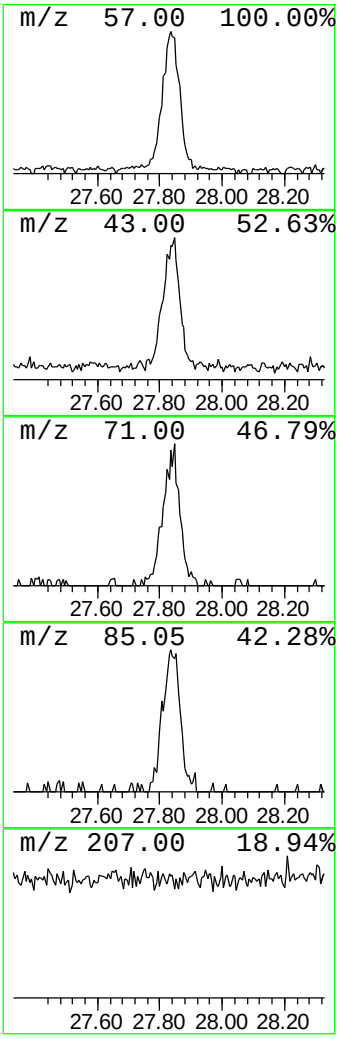
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.83	2.51 ng	102077	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	13-Methylhentriacontane	451	C32H66	1000131-19-4	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Heptacosane	380	C27H56	000593-49-7	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.75	7.75	105.2	ng	1004550	1	8.22	191077	20.0
9,10-Anthracenedione	18.96	4.6	ng	132179	4	17.56	579503	20.0
Hentriacontane	26.40	2.3	ng	93282	6	25.16	813588	20.0
Eicosane	27.83	2.5	ng	102077	6	25.16	813588	20.0