LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

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-BG051315.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	2.772	9	14	23	rVB3	22019	43468	6.21%	0.484%
2	2.854	23	28	33	rVV	39323	54877	7.84%	0.610%
3	3.424	115	125	135	rBV4	15559	47651	6.81%	0.530%
4	4.799	350	359	367	rVB	34156	53624	7.66%	0.596%
5	5.287	434	442	456	rBV	249338	386901	55.27%	4.304%
6	5.692	506	511	515	rBV3	8663	12455	1.78%	0.139%
7	6.773	690	695	699	rVB2	6398	10434	1.49%	0.116%
8	6.891	708	715	727	rVB	275882	425503	60.78%	4.733%
9	7.226	764	772	781	rBV	267018	426942	60.99%	4.749%
10	7.326	781	789	794	rVV3	13028	23689	3.38%	0.264%
11	7.684	844	850	859	rVB	152871	235553	33.65%	2.620%
12	8.001	897	904	910	rBV	199399	306724	43.82%	3.412%
13	8.841	1041	1047	1054	rBV2	161711	267238	38.18%	2.973%
14	10.475	1316	1325	1330	rBV	196107	325544	46.50%	3.621%
15	10.522	1330	1333	1337	rVB3	5008	7162	1.02%	0.080%
16	12.143	1604	1609	1614	rVB6	3908	7045	1.01%	0.078%
17	12.261	1624	1629	1635	rBV3	4688	10103	1.44%	0.112%
18	12.948	1740	1746	1755	rBV	356258	527669	75.38%	5.869%
19	13.794	1884	1890	1898	rVB2	23724	34487	4.93%	0.384%
20	14.059	1928	1935	1940	rBV3	4787	8812	1.26%	0.098%
21	14.235	1961	1965	1969	rVB3	5167	7852	1.12%	0.087%
22	14.335	1973	1982	1990	rBV2	264210	405303	57.90%	4.508%
23	14.394	1990	1992	1999	rVB3	11482	14695	2.10%	0.163%
24	14.734	2046	2050	2054	rBV3	5381	8732	1.25%	0.097%
25	15.187	2123	2127	2132	rBV2	6947	9237	1.32%	0.103%
26	15.387	2155	2161	2164	rBV4	8712	13561	1.94%	0.151%
27	15.827	2229	2236	2244	rBV	291995	418471	59.78%	4.655%
28	16.051	2269	2274	2280	rBV3	11004	21319	3.05%	0.237%
29	16.732	2387	2390	2395	rVB3	5331	7793	1.11%	0.087%
30	16.838	2405	2408	2412	rBV3	5885	7387	1.06%	0.082%
31	16.897	2414	2418	2422	rBV2	7407	11564	1.65%	0.129%
32	17.079	2444	2449	2453	rBV	324302	460664	65.81%	5.124%
33	17.120	2453	2456	2462	rVB	103964	137297	19.61%	1.527%
34	17.208	2467	2471	2477	rVB	22226	33043	4.72%	0.368%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

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-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.490	2516	2519	2522	rVB2	8110	9062	1.29%	0.101%
36	17.954	2595	2598	2599	rVV	15859	17805	2.54%	0.198%
37	17.978	2599	2602	2610	rVV6	55153	107795	15.40%	1.199%
38	18.048	2610	2614	2617	rVV	13970	22619	3.23%	0.252%
39	18.078	2617	2619	2624	rVV4	11140	14776	2.11%	0.164%
40	18.148	2626	2631	2635	rVV4	22830	41766	5.97%	0.465%
41	18.189	2635	2638	2642	rVB4	10081	13846	1.98%	0.154%
42	18.272	2648	2652	2656	rBV6	9391	14803	2.11%	0.165%
43	18.395	2670	2673	2679	rBV7	4400	9233	1.32%	0.103%
44	18.460	2680	2684	2688	rVV2	13710	19592	2.80%	0.218%
45	18.495	2688	2690	2695	rVB5	11081	15900	2.27%	0.177%
46	18.706	2722	2726	2730	rVB6	7614	11341	1.62%	0.126%
47	18.871	2751	2754	2758	rBV3	7704	12704	1.81%	0.141%
48	19.018	2775	2779	2785	rVB8	12867	17366	2.48%	0.193%
49	19.141	2794	2800	2805	rBV	200349	277368	39.62%	3.085%
50	19.200	2807	2810	2813	rBV5	7577	10760	1.54%	0.120%
51	19.264	2818	2821	2823	rBV4	14995	14622	2.09%	0.163%
52	19.505	2853	2862	2871	rVB	167440	295772	42.25%	3.290%
53	19.623	2878	2882	2887	rVB5	35864	47588	6.80%	0.529%
54	19.711	2891	2897	2902	rBV	564685	700032	100.00%	7.787%
55	19.823	2913	2916	2917	rBV3	12188	13160	1.88%	0.146%
56	19.993	2942	2945	2949	rBV4	25679	45501	6.50%	0.506%
57	20.563	3039	3042	3050	rVB2	80245	103720	14.82%	1.154%
58	20.745	3071	3073	3077	rVB2	21614	24616	3.52%	0.274%
59	20.974	3109	3112	3118	rVB4	123345	147843	21.12%	1.645%
60	21.180	3144	3147	3152	rVB	132698	136142	19.45%	1.514%
61	21.262	3155	3161	3165	rVV2	453923	695871	99.41%	7.740%
62	21.297	3165	3167	3174	rVB	96067	124048	17.72%	1.380%
63	21.415	3185	3187	3192	rBV5	22769	29872	4.27%	0.332%
64	21.861	3261	3263	3270	rVB5	62585	87180	12.45%	0.970%
65	22.825	3423	3427	3443	rVB2	132631	436896	62.41%	4.860%
66	23.319	3508	3511	3517	rVB	56200	93032	13.29%	1.035%
67	23.413	3523	3527	3534	rVB2	79930	144385	20.63%	1.606%
68	23.512	3539	3544	3551	rVV2	247241	460257	65.75%	5.120%

Sum of corrected areas: 8990072

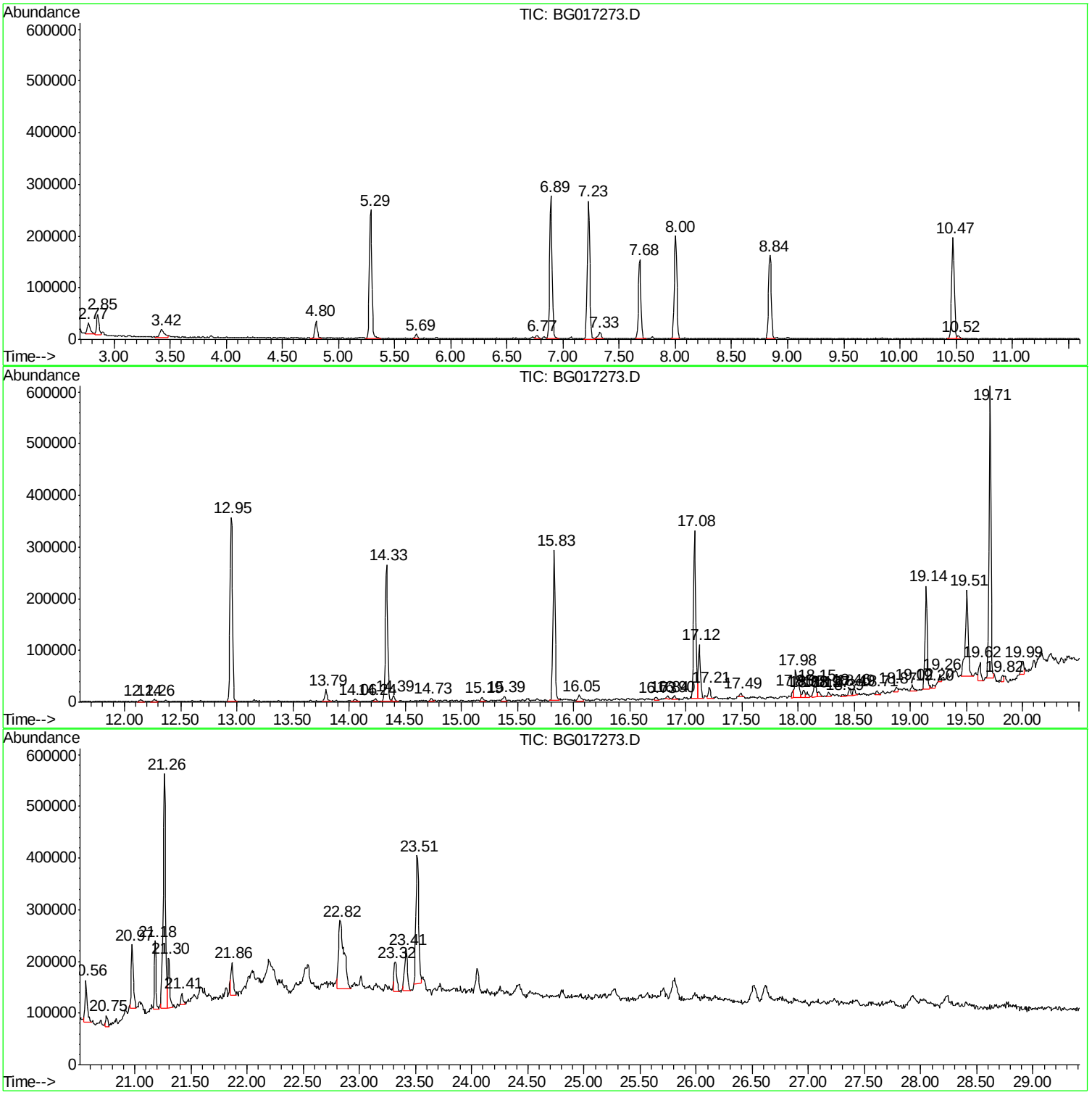
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

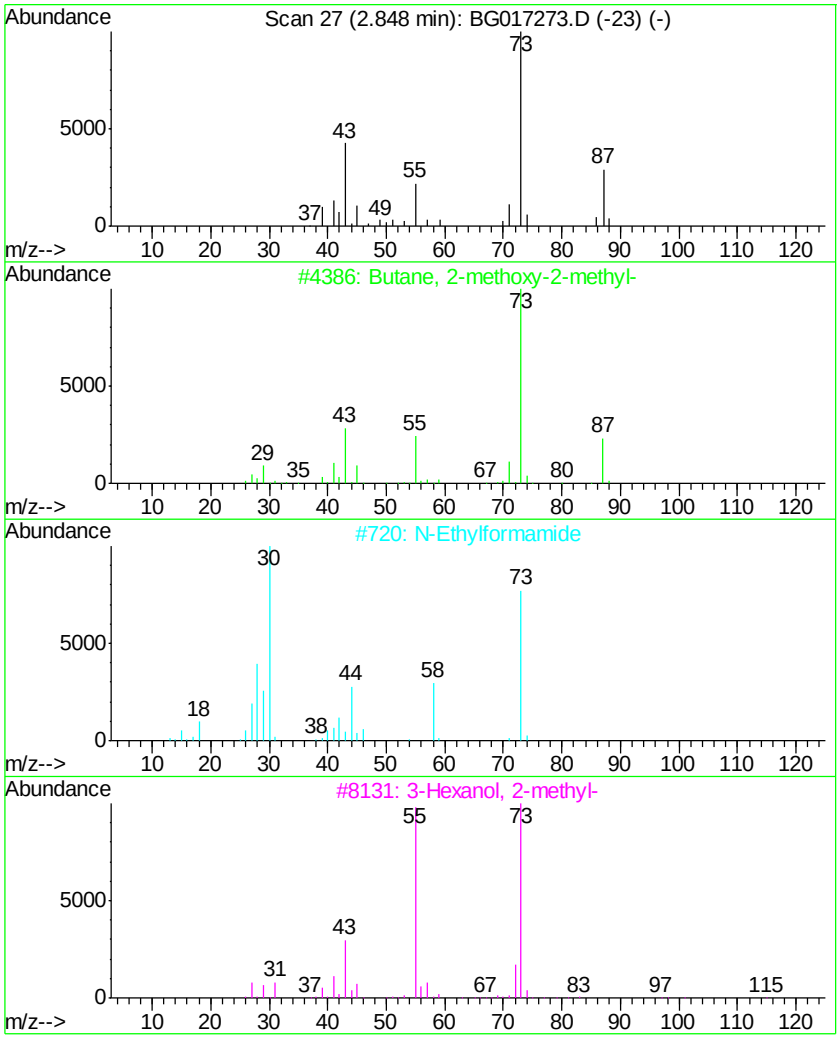
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

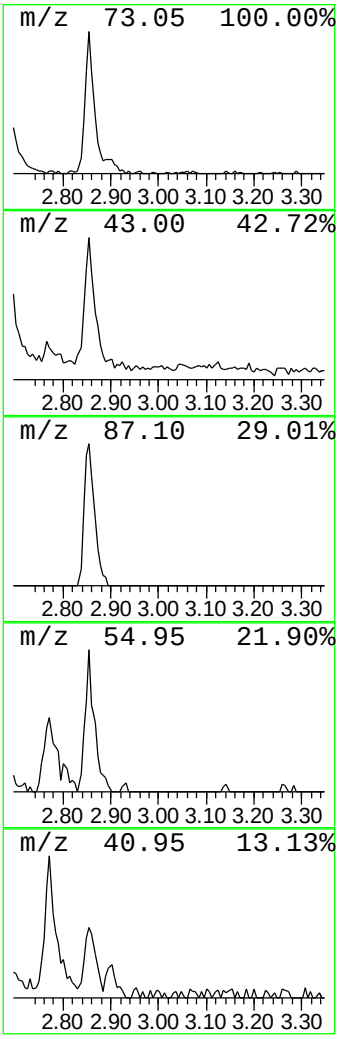
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	4.66 ng	54877	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

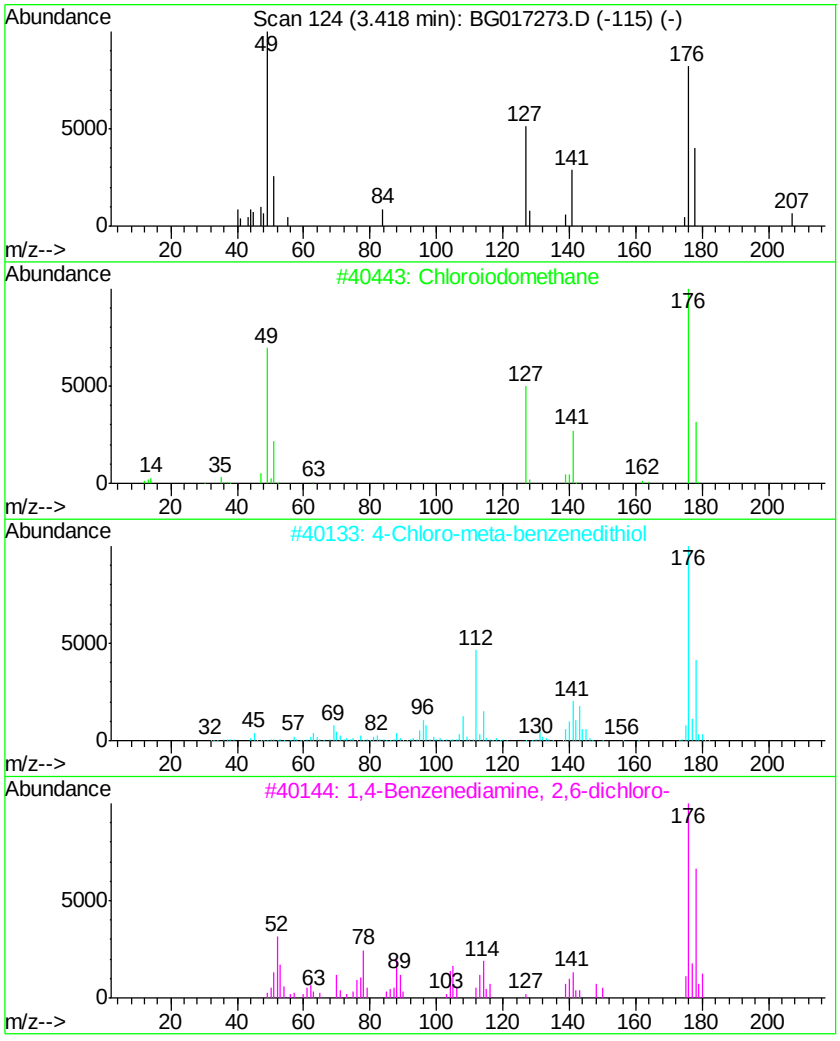
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

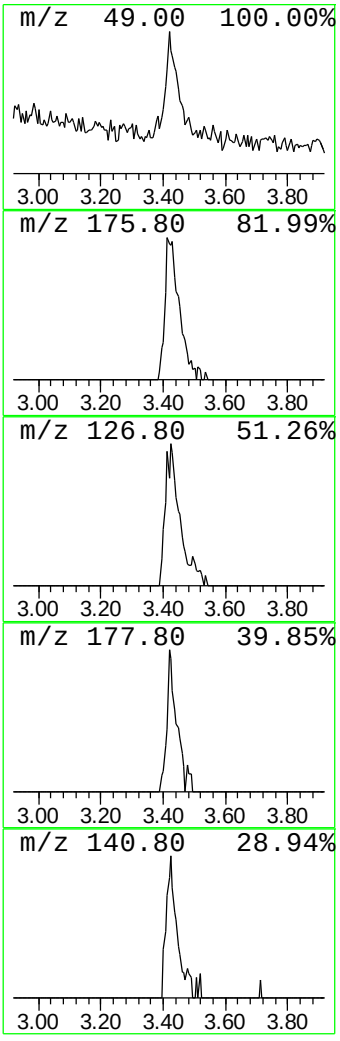
****

Peak Number 3 Chloroiodomethane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	4.05 ng	47651	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroiodomethane	176	CH2ClI	000593-71-5	86
2	4-Chloro-meta-benzenedithiol	176	C6H5ClS2	058593-78-5	9
3	1,4-Benzenediamine, 2,6-dichloro-	176	C6H6Cl2N2	000609-20-1	9
4	Methylene Chloride	84	CH2Cl2	000075-09-2	9
5	Methane, bromochloro-	128	CH2BrCl	000074-97-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

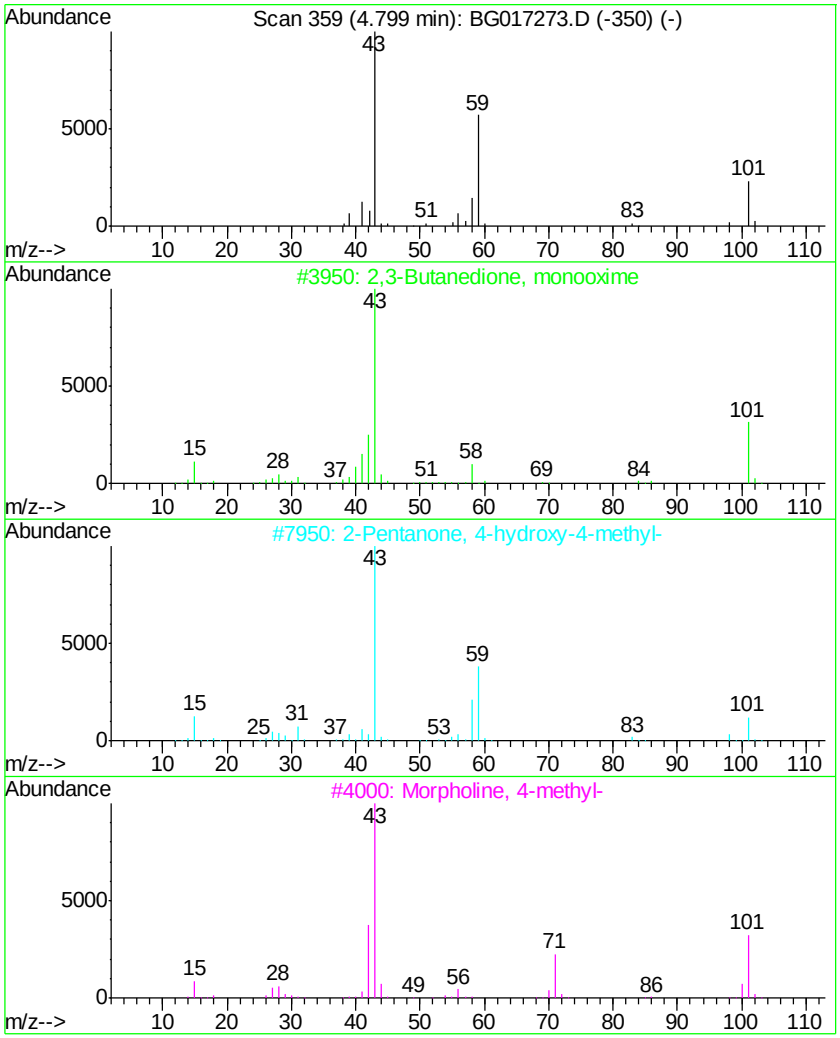
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

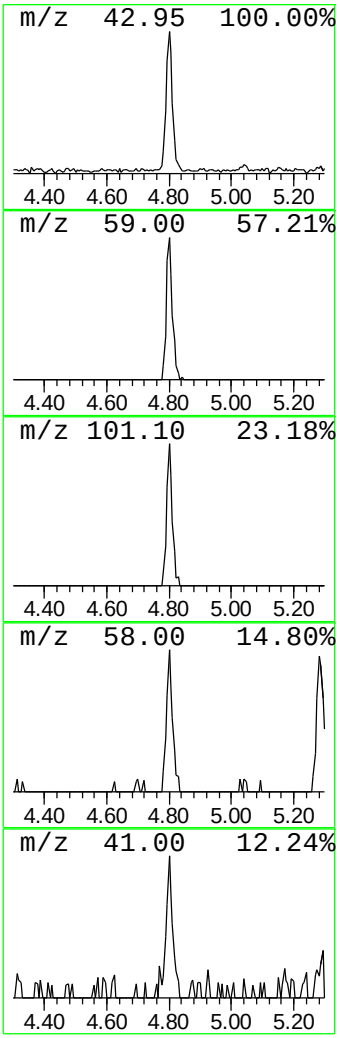
****

Peak Number 4 unknown4.80 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	4.55 ng	53624	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

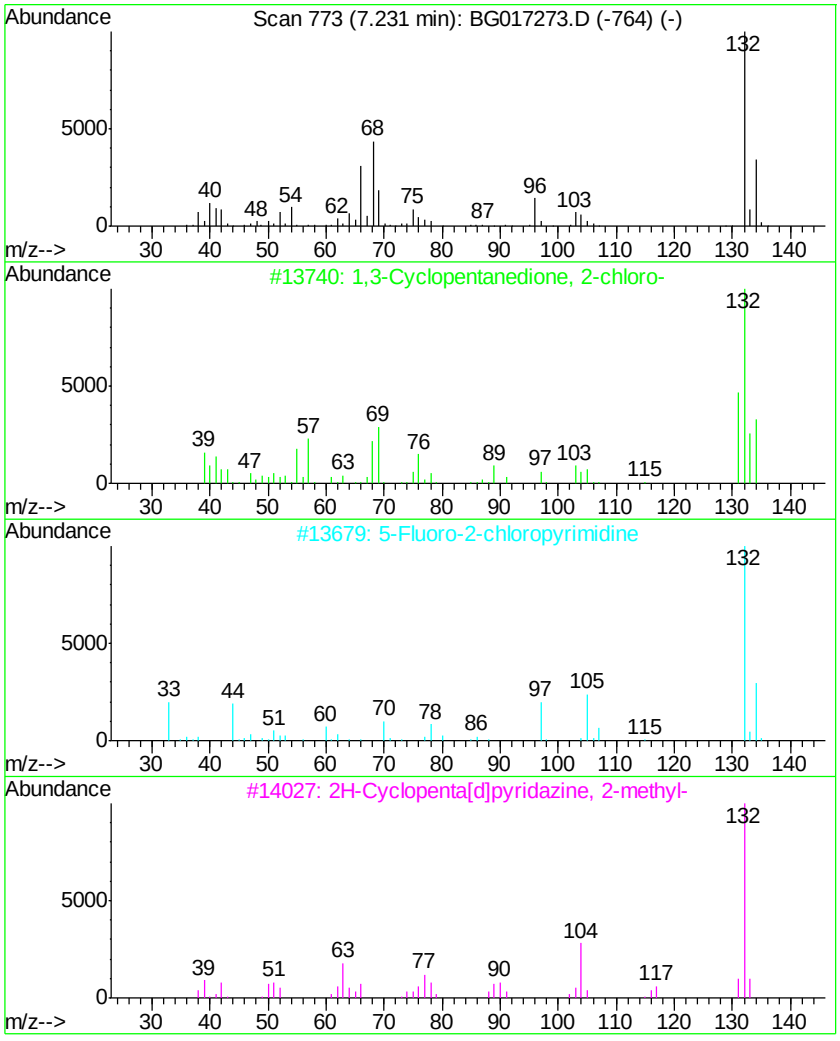
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

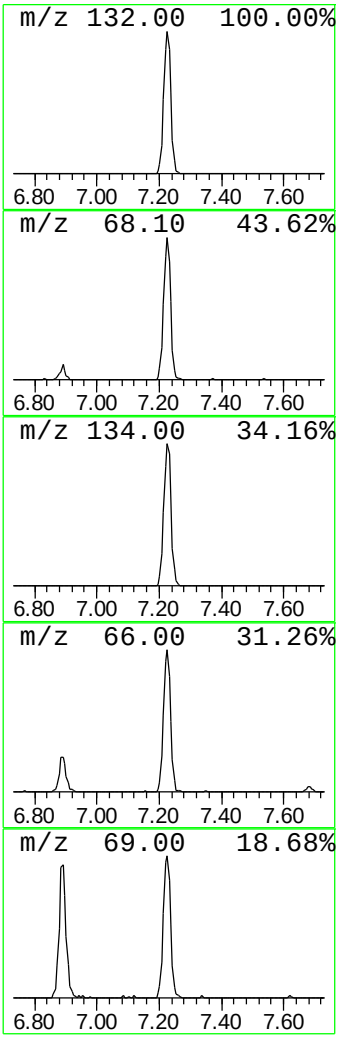
****

Peak Number 5 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	36.25 ng	426942	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

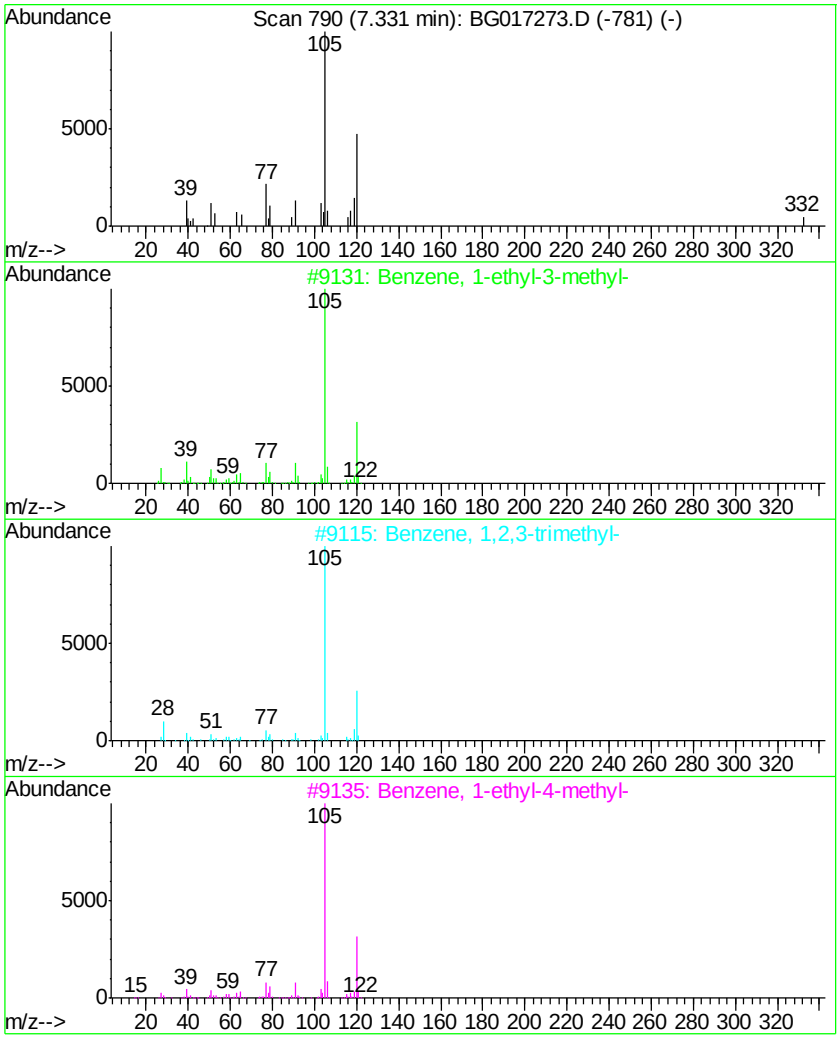
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

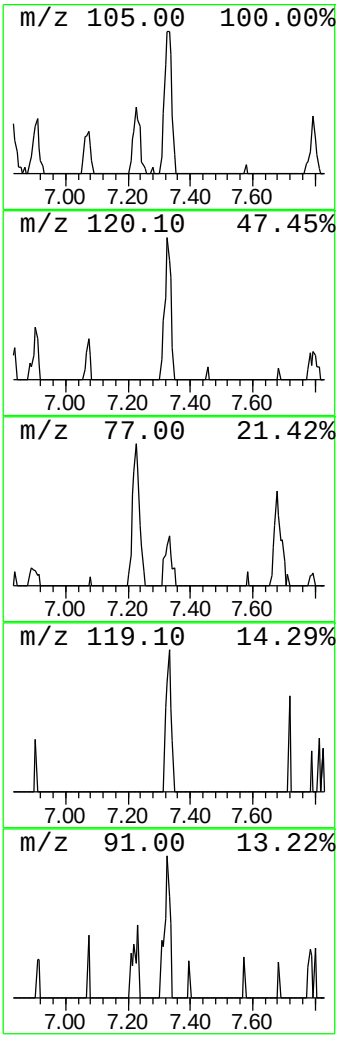
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.01 ng	23689	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	74
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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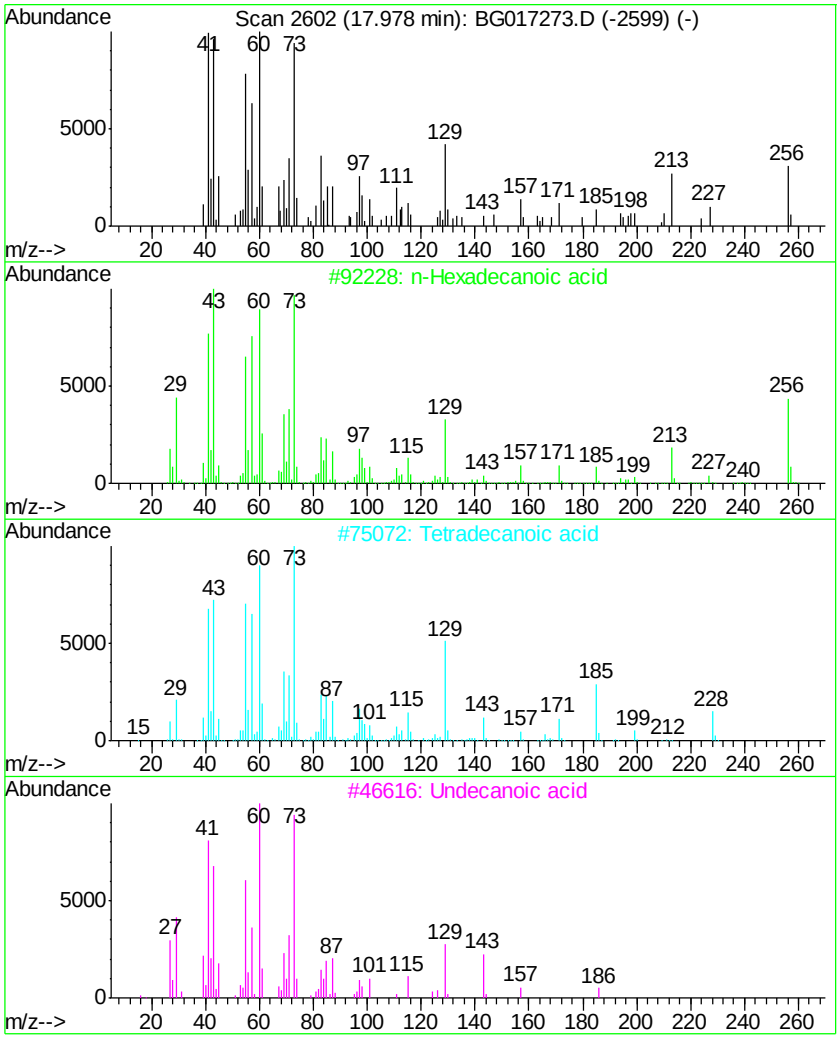
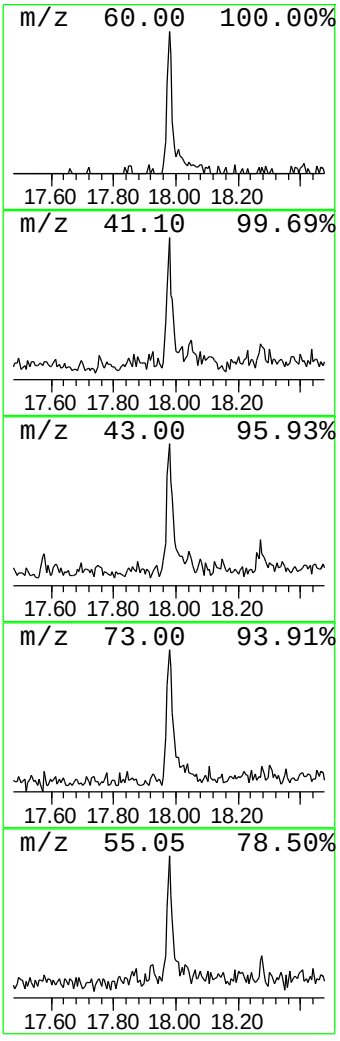
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.68 ng	107795	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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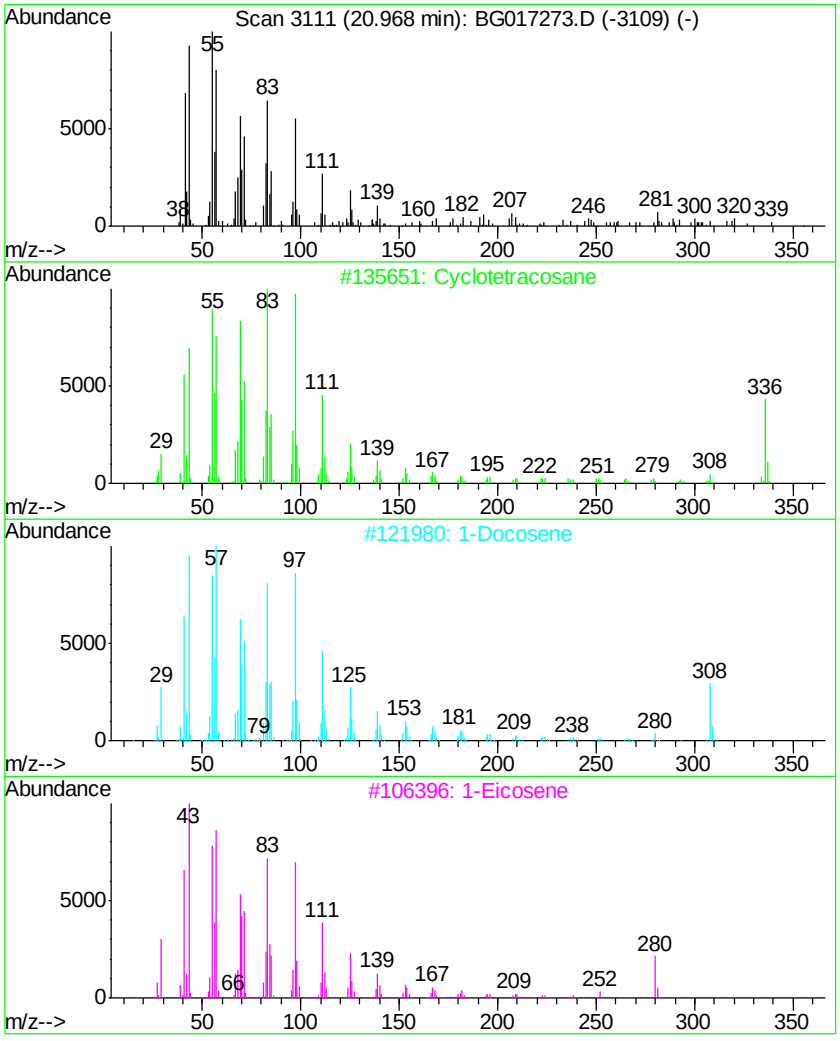
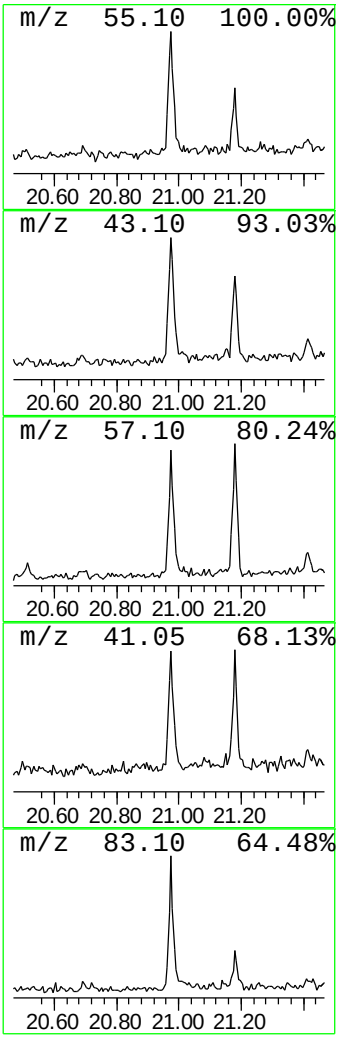
Peak Number 10 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.25 ng	147843	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Docosene	308	C22H44	001599-67-3	96
3	1-Eicosene	280	C20H40	003452-07-1	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	Cycloeicosane	280	C20H40	000296-56-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

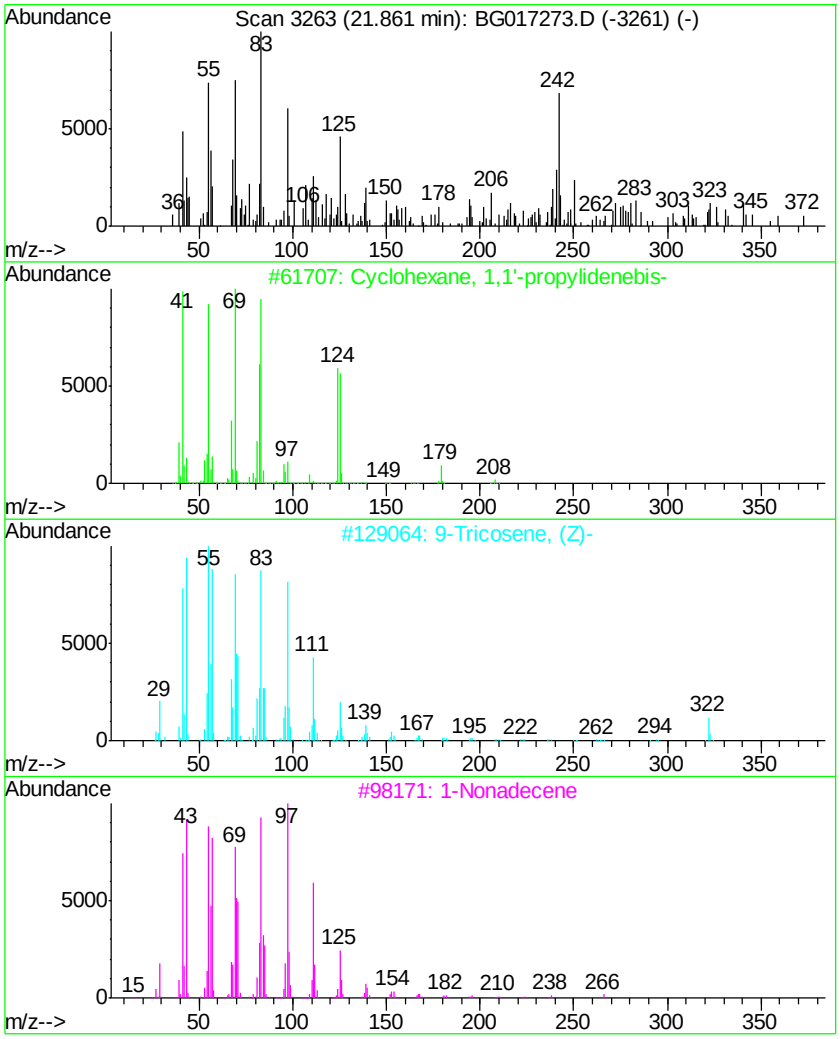
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

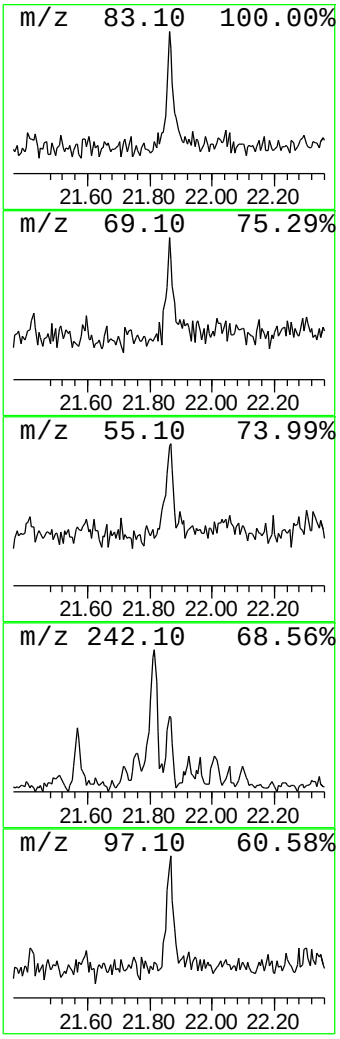
****

Peak Number 11 Cyclohexane, 1,1'-propylide... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.51 ng	87180	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-propylidenebis-	208	C15H28	054934-91-7	53
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	43
3	1-Nonadecene	266	C19H38	018435-45-5	43
4	8-Heptadecene	238	C17H34	054290-12-9	41
5	Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017273.D
Acq On : 23 May 2015 9:06
Operator : TP/IZ
Sample : G2359-05 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-29AS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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
Butane, 2-methoxy...	2.85	4.7	ng	54877	1	7.68	235553	20.0
Chloroiodomethane	3.42	4.0	ng	47651	1	7.68	235553	20.0
unknown4.80	4.80	4.5	ng	53624	1	7.68	235553	20.0
unknown7.23	7.23	36.3	ng	426942	1	7.68	235553	20.0
Benzene, 1-ethyl-...	7.33	2.0	ng	23689	1	7.68	235553	20.0
n-Hexadecanoic acid	17.98	4.7	ng	107795	4	17.08	460664	20.0
Cyclotetracosane	20.97	4.3	ng	147843	5	21.26	695871	20.0
Cyclohexane, 1,1'...	21.86	2.5	ng	87180	5	21.26	695871	20.0