LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079765.D
Acq On : 6 Jun 2015 9:49
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

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_F\METHODS\8270-BF060515.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	1.324	10	12	15	rVB2	15704449	22610365	100.00%	58.137%
2	1.713	43	46	77	rVB3	230405	1341166	5.93%	3.448%
3	2.410	104	107	123	rVB2	2046800	3903104	17.26%	10.036%
4	7.085	514	516	518	rBV	691138	596024	2.64%	1.533%
5	7.256	529	531	533	rBV	443290	356961	1.58%	0.918%
6	7.496	550	552	554	rBV	283558	313451	1.39%	0.806%
7	7.610	560	562	564	rBV	561654	441218	1.95%	1.134%
8	7.656	564	566	568	rVB	371115	454533	2.01%	1.169%
9	8.045	595	600	602	rBV	409371	349356	1.55%	0.898%
10	8.788	662	665	666	rBV	507652	465161	2.06%	1.196%
11	9.862	754	759	761	rVB	867838	858909	3.80%	2.208%
12	10.559	818	820	822	rBV	539004	522620	2.31%	1.344%
13	12.091	952	954	955	rBV	718733	649967	2.87%	1.671%
14	12.114	955	956	958	rVB	496931	435680	1.93%	1.120%
15	13.234	1052	1054	1060	rBV3	191329	368070	1.63%	0.946%
16	13.382	1065	1067	1069	rVB	402058	373044	1.65%	0.959%
17	13.440	1069	1072	1074	rBV	493350	544006	2.41%	1.399%
18	13.714	1091	1096	1098	rBV	381054	780001	3.45%	2.006%
19	13.862	1104	1109	1111	rBV	992099	1156417	5.11%	2.973%
20	14.983	1204	1207	1211	rBV4	114091	375254	1.66%	0.965%
21	15.223	1226	1228	1230	rVV2	580703	976059	4.32%	2.510%
22	16.686	1353	1356	1362	rVB	151812	436648	1.93%	1.123%
23	17.268	1405	1407	1410	rVB	347533	583344	2.58%	1.500%

Sum of corrected areas: 38891358

LSC Report - Integrated Chromatogram

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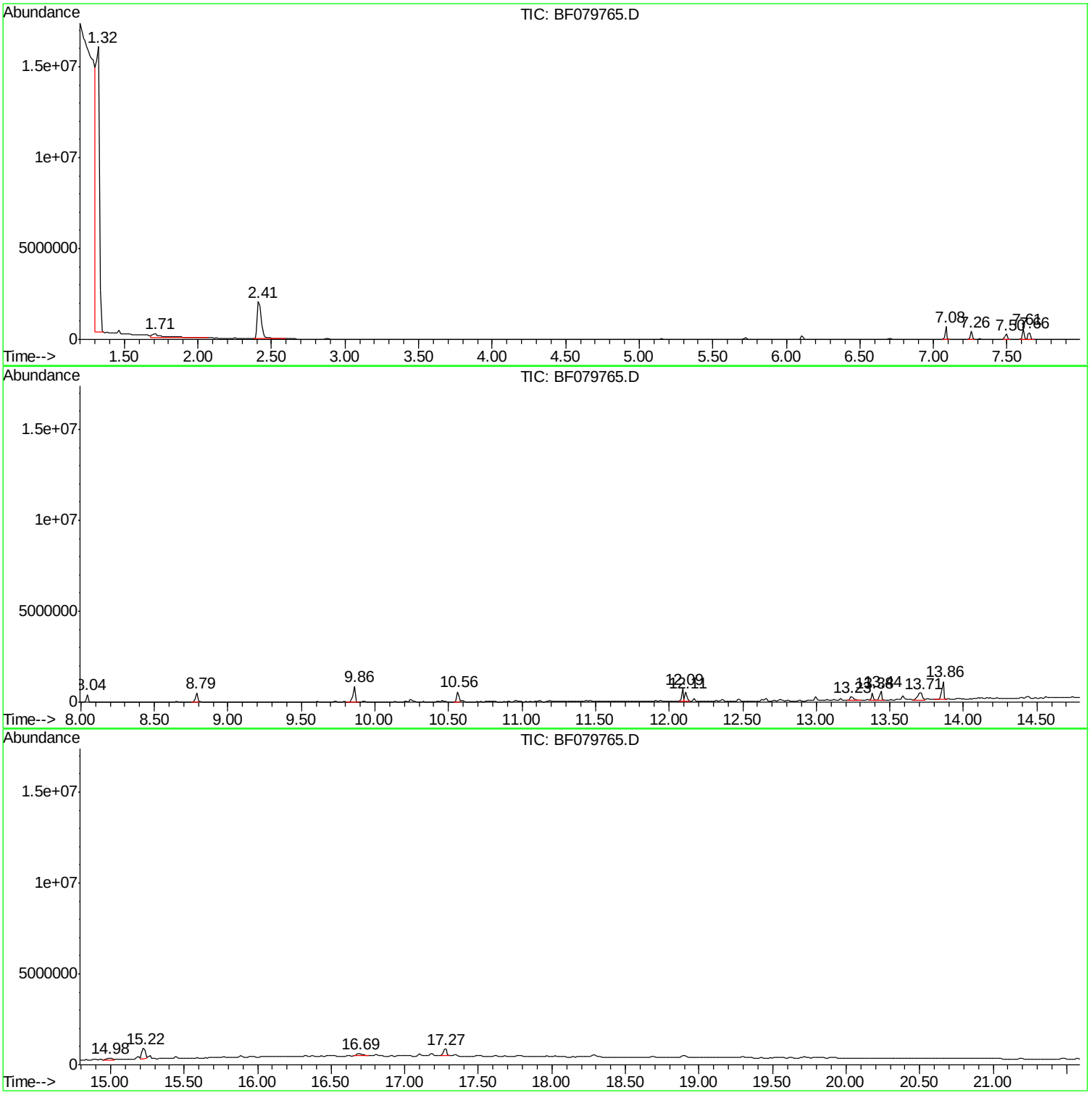
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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 F\DATA\BF060515\
Data File : BF079765.D
Acq On : 6 Jun 2015 9:49
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

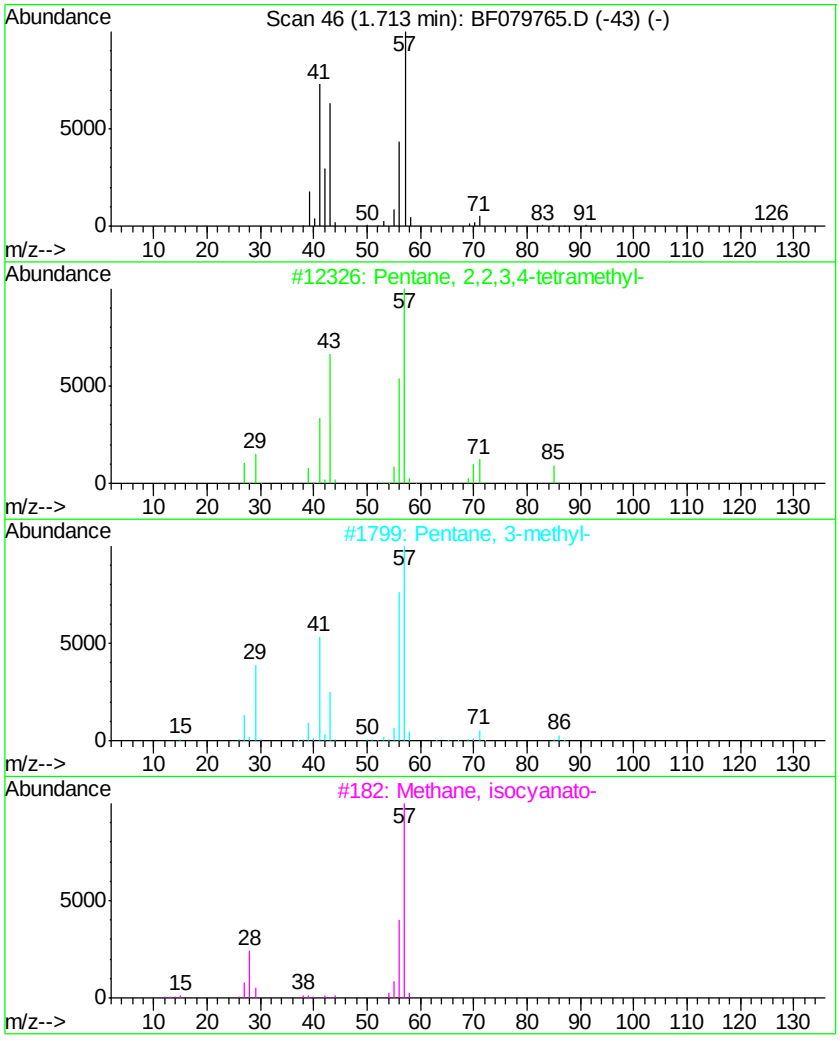
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

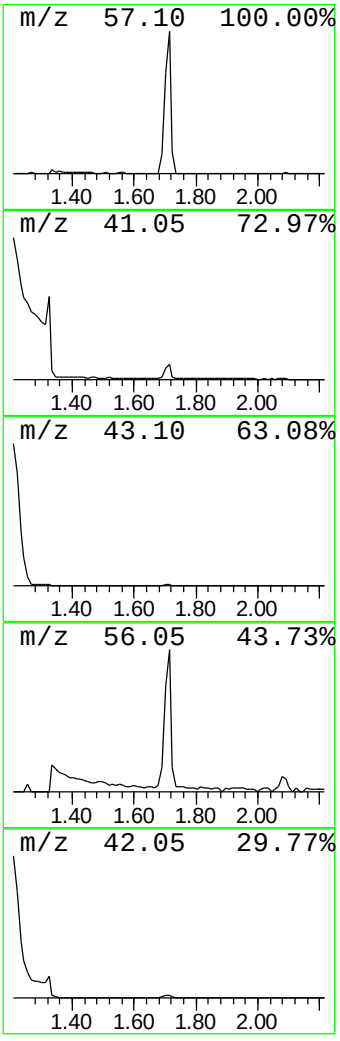
****

Peak Number 2 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	85.57 ng	1341170	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	17
3	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
4	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	9
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	9





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Data File : BF079765.D
Acq On : 6 Jun 2015 9:49
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

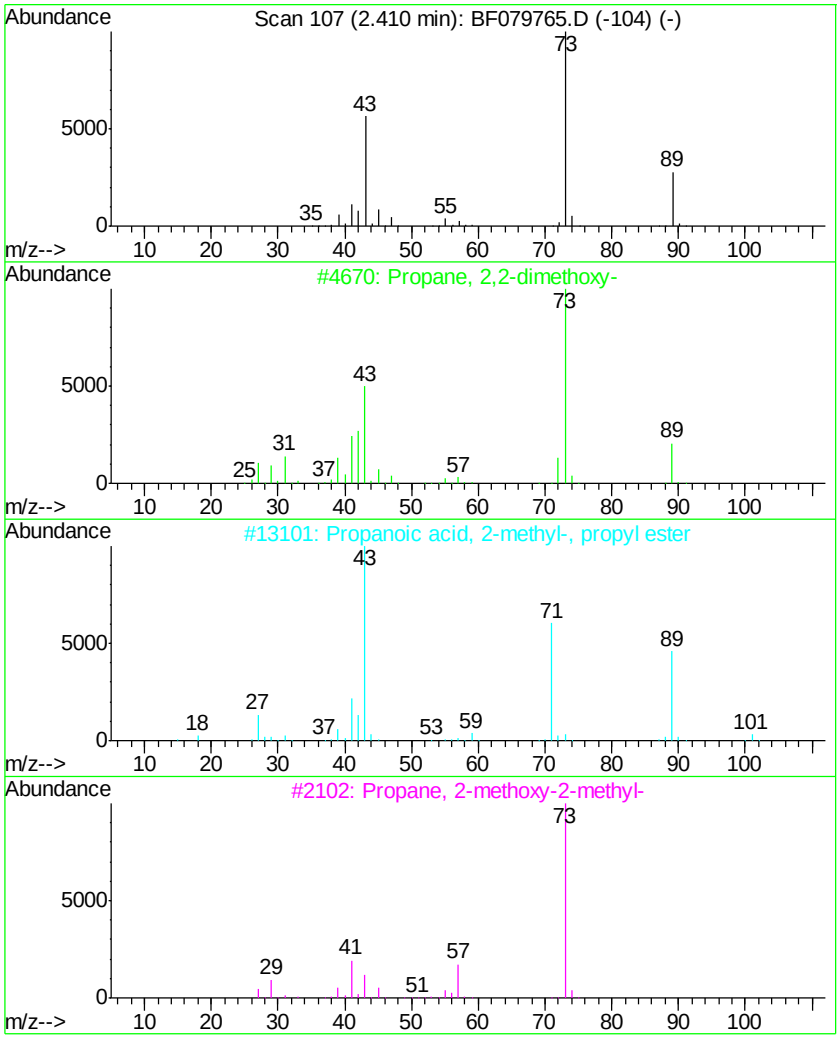
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

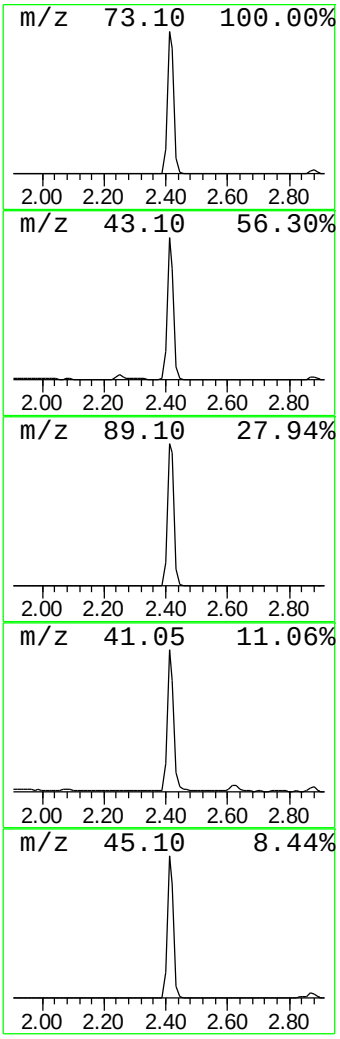
****

Peak Number 3 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	249.04 ng	3903100	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079765.D
Acq On : 6 Jun 2015 9:49
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

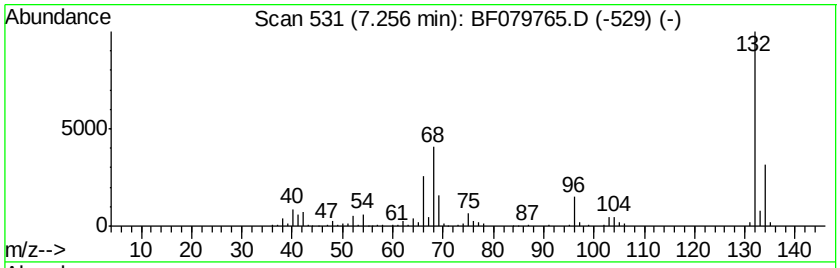
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

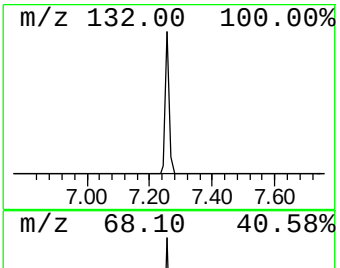
****

Peak Number 4 unknown7.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	22.78 ng	356961	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079765.D
Acq On : 6 Jun 2015 9:49
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

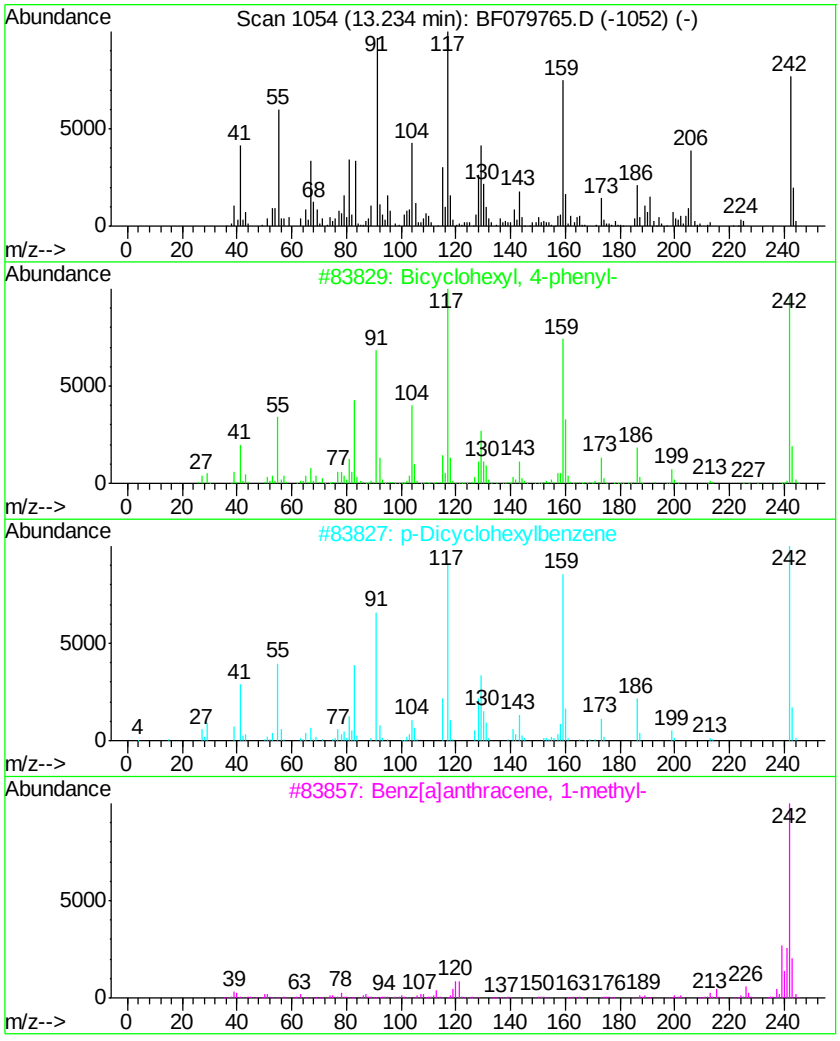
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

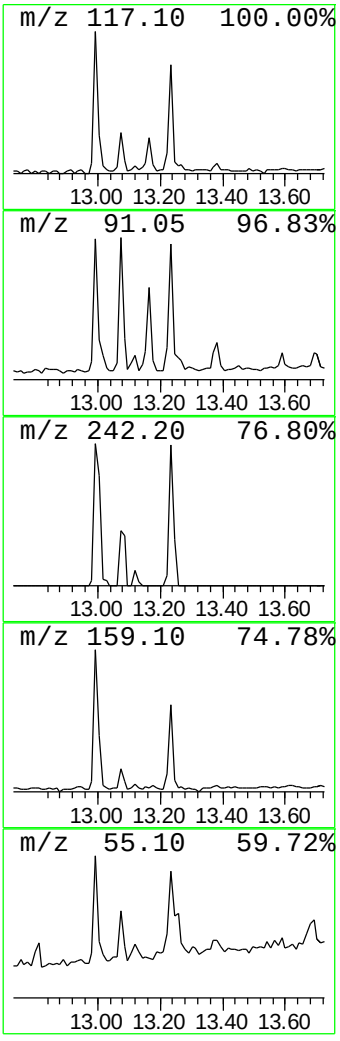
****

Peak Number 5 Bicyclohexyl, 4-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	11.33 ng	368070	Phenanthrene-d10	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	95
2	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	91
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	11
4	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	11
5	5-Amino-3-phenylpyrazole	159	C9H9N3	000827-41-8	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
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Acq On : 6 Jun 2015 9:49
Operator : TP/IZ
Sample : G2499-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

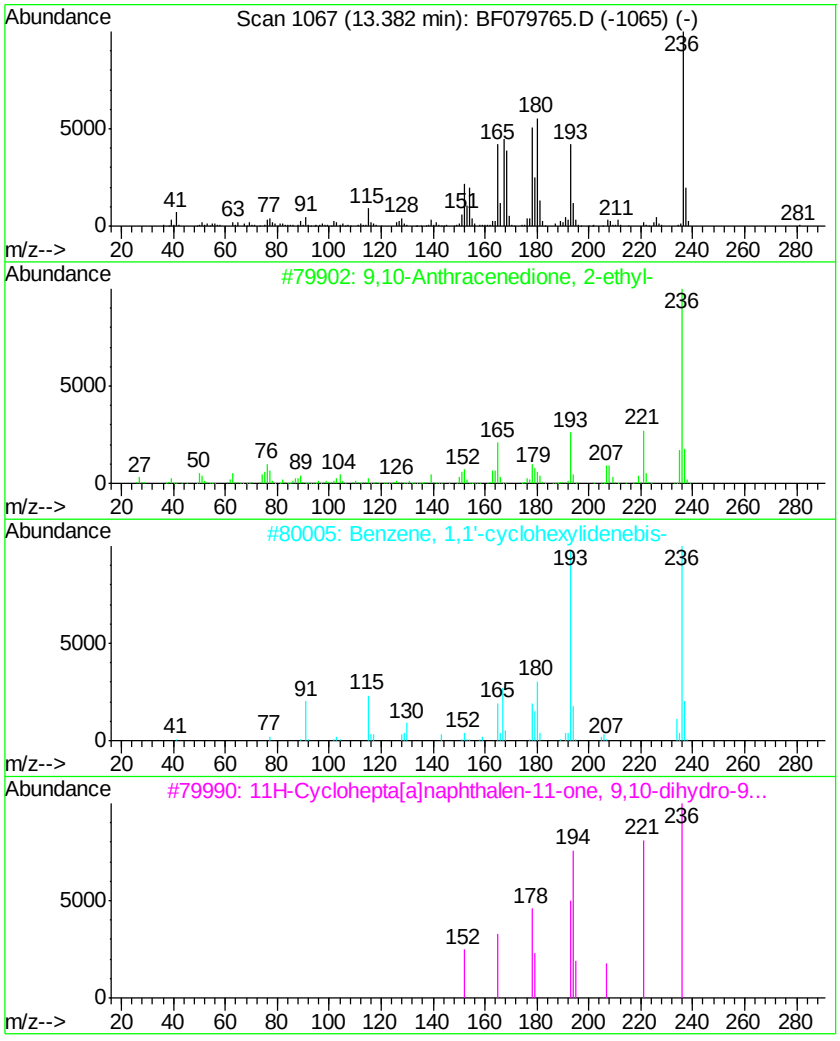
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

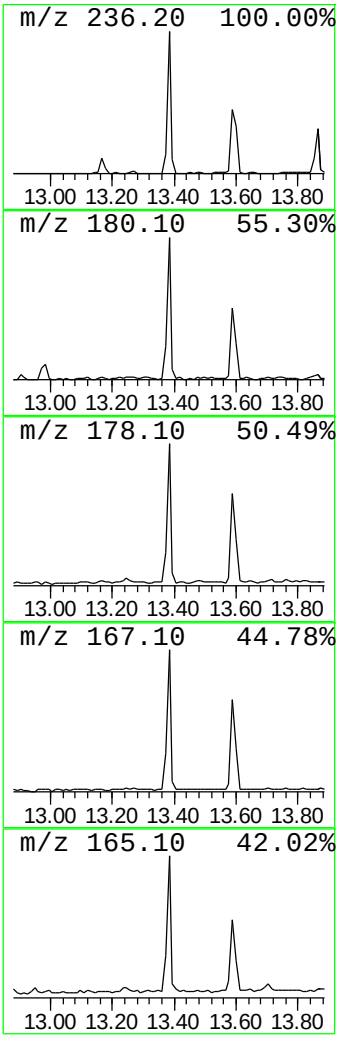
****

Peak Number 6 unknown13.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	11.48 ng	373044	Phenanthrene-d10	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	49
2	Benzene, 1,1'-cyclohexylidenebis-	236	C18H20	021113-55-3	25
3	11H-Cyclohepta[a]naphthalen-11-o...	236	C17H16O	058111-76-5	25
4	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	25
5	2,4-Diethoxy-5-methoxy-1-(2-prop...	236	C14H20O3	1000122-72-0	25





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

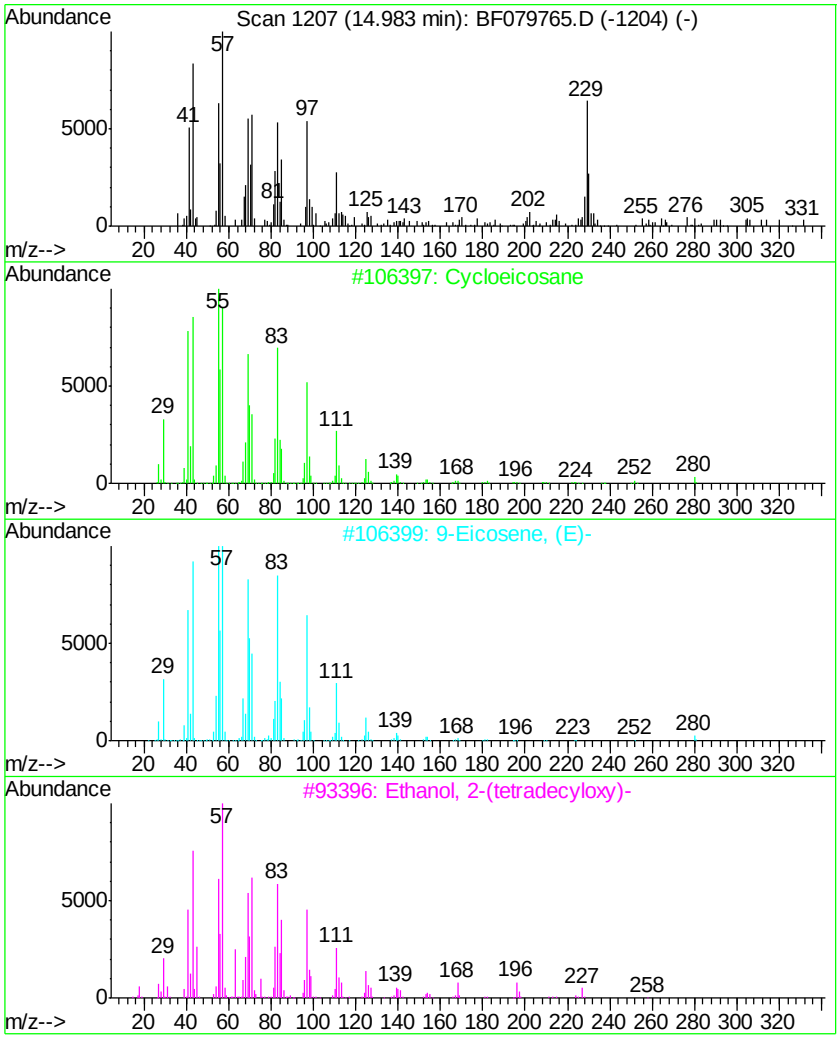
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

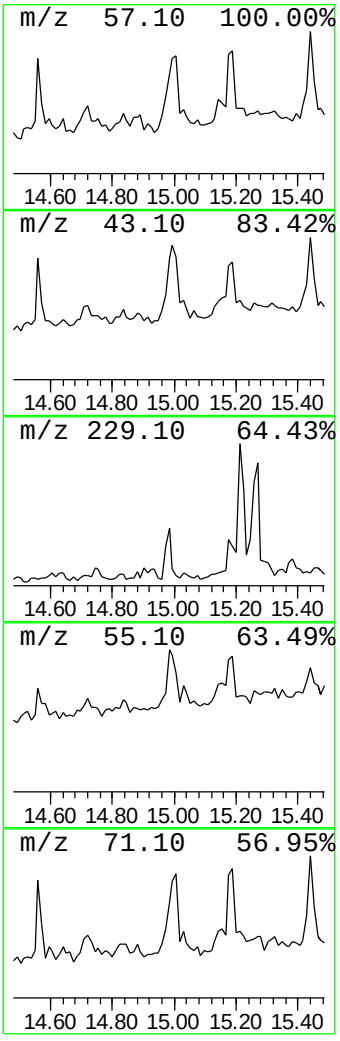
****

Peak Number 7 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	7.69 ng	375254	Chrysene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	38
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
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Operator : TP/IZ
Sample : G2499-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : FK-SF-02-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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
Pentane, 2,2,3,4-...	1.71	85.6	ng	1341170	1	7.50	313451	20.0
Propane, 2,2-dime...	2.41	249.0	ng	3903100	1	7.50	313451	20.0
unknown7.26	7.26	22.8	ng	356961	1	7.50	313451	20.0
Bicyclohexyl, 4-p...	13.23	11.3	ng	368070	4	12.09	649967	20.0
unknown13.38	13.38	11.5	ng	373044	4	12.09	649967	20.0
Cycloeicosane	14.98	7.7	ng	375254	5	15.23	976059	20.0