LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081135.D
Acq On : 20 Aug 2015 20:42
Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

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-BF081715.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	4.687	242	245	254	rVB	564097	926160	55.80%	6.126%
2	5.144	282	285	287	rBV	1036032	1374647	82.83%	9.092%
3	6.219	376	379	382	rBV	1383363	1439702	86.75%	9.523%
4	6.333	387	389	392	rBV	1177238	1425970	85.92%	9.432%
5	6.573	408	410	412	rBV	502012	410086	24.71%	2.712%
6	6.665	415	418	421	rBV	54974	106017	6.39%	0.701%
7	6.733	421	424	426	rVB	1037624	1145835	69.04%	7.579%
8	7.145	457	460	462	rBV	1153869	1099593	66.25%	7.273%
9	7.865	520	523	525	rBV	412367	495485	29.85%	3.277%
10	8.939	615	617	620	rVB	1663312	1659673	100.00%	10.977%
11	9.339	650	652	654	rVB	327272	254880	15.36%	1.686%
12	9.602	673	675	678	rVB2	473749	513142	30.92%	3.394%
13	9.945	702	705	706	rBV2	24467	35689	2.15%	0.236%
14	10.013	709	711	712	rBV	34272	38002	2.29%	0.251%
15	10.036	712	713	716	rVV2	31907	60643	3.65%	0.401%
16	10.276	732	734	737	rBV2	15960	37153	2.24%	0.246%
17	10.391	741	744	746	rBV	1092883	1059284	63.82%	7.006%
18	10.528	754	756	759	rBV	50700	71285	4.30%	0.471%
19	10.848	782	784	786	rBV3	37159	43138	2.60%	0.285%
20	10.974	793	795	797	rBV	52471	73283	4.42%	0.485%
21	11.076	802	804	806	rBV	559636	492437	29.67%	3.257%
22	11.648	851	854	856	rBV2	119252	199584	12.03%	1.320%
23	12.677	942	944	946	rBV	752177	923359	55.63%	6.107%
24	16.025	1235	1237	1247	rVB	509557	1233837	74.34%	8.161%

Sum of corrected areas: 15118884

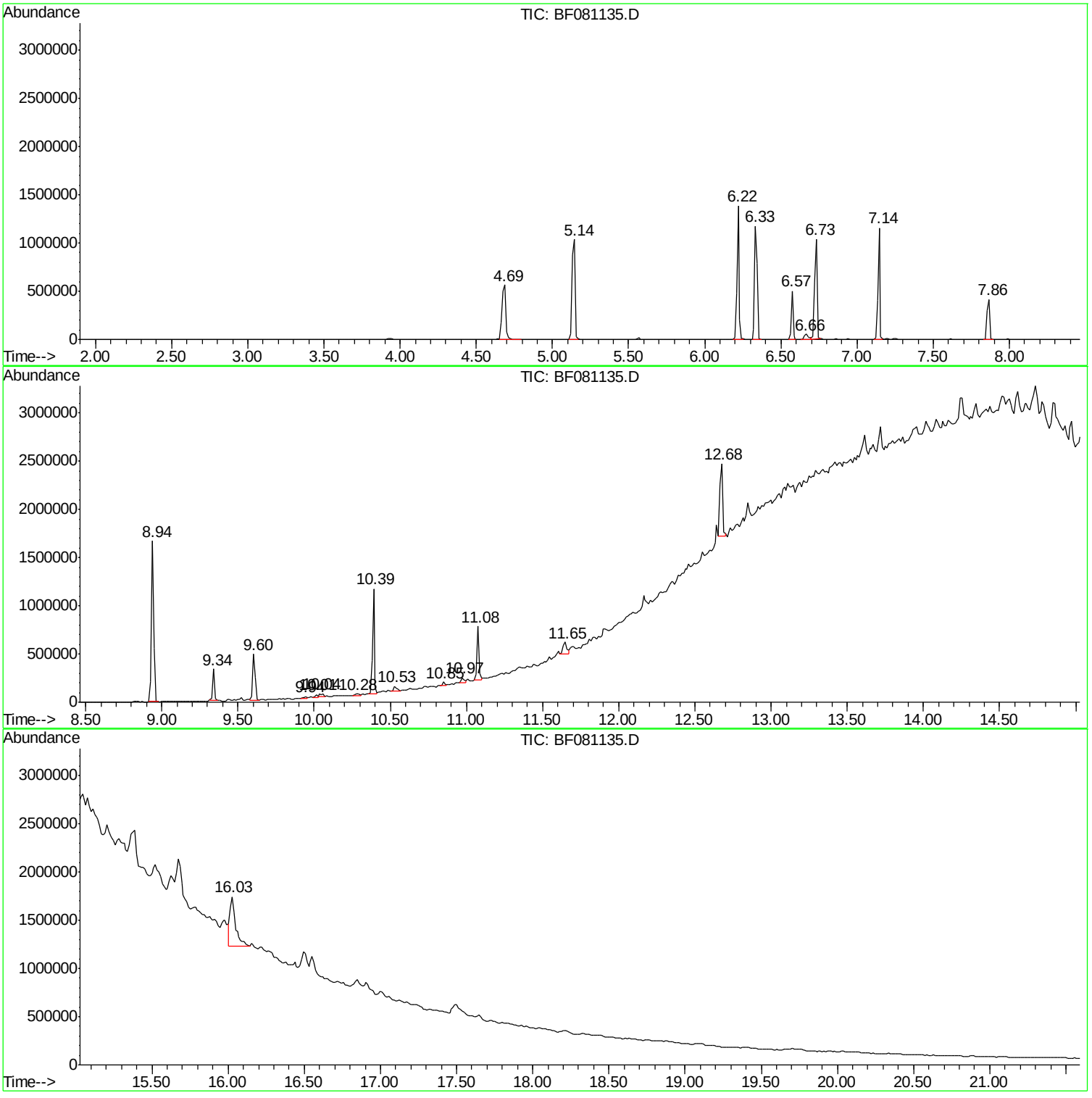
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081135.D
Acq On : 20 Aug 2015 20:42
Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF082015\
Data File : BF081135.D
Acq On : 20 Aug 2015 20:42
Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

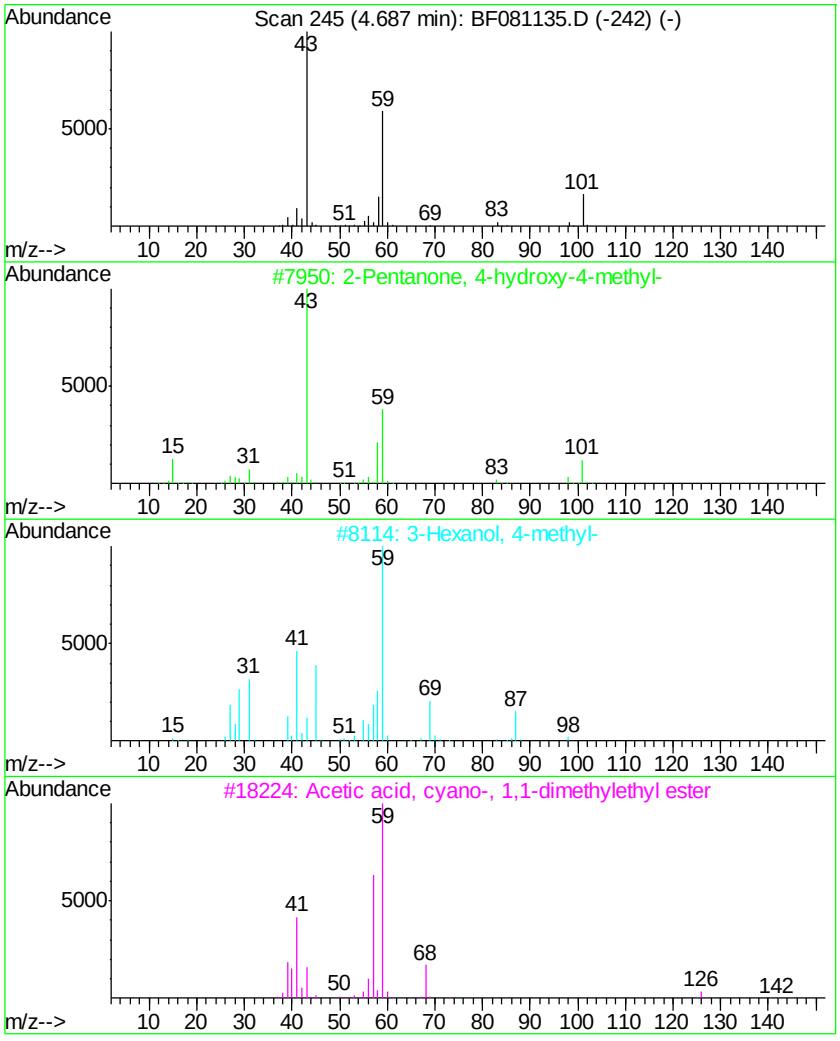
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

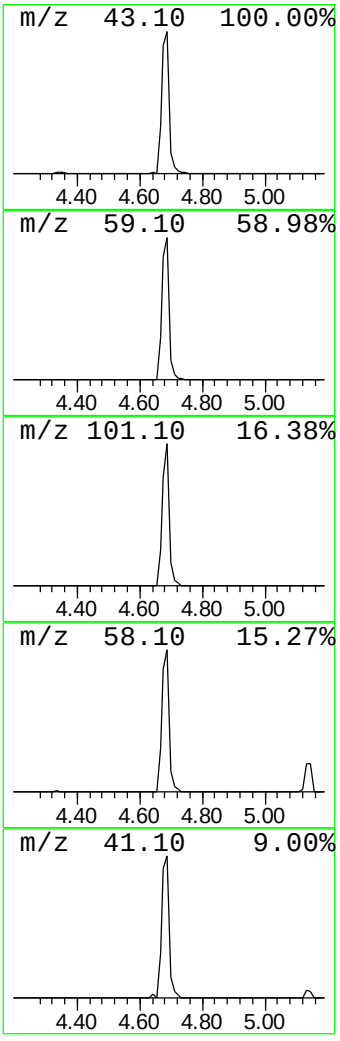
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	45.17 ng	926160	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





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Instrument :
BNA_F
ClientSampleId :
SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

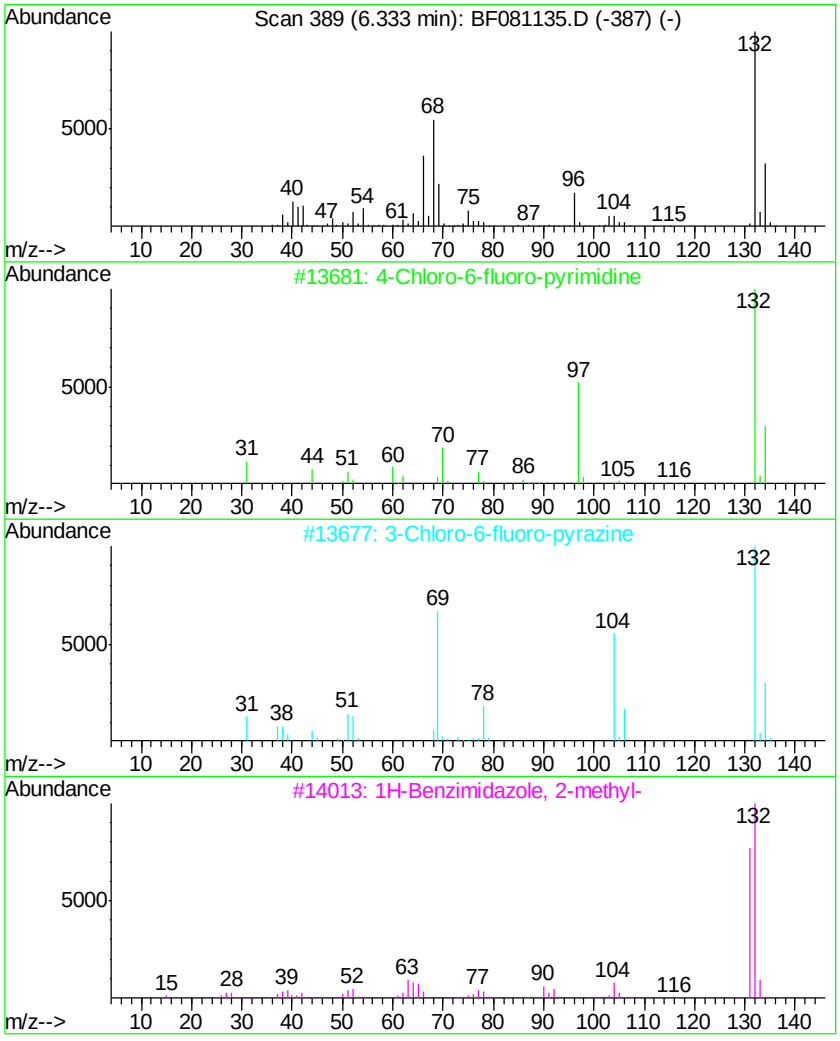
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

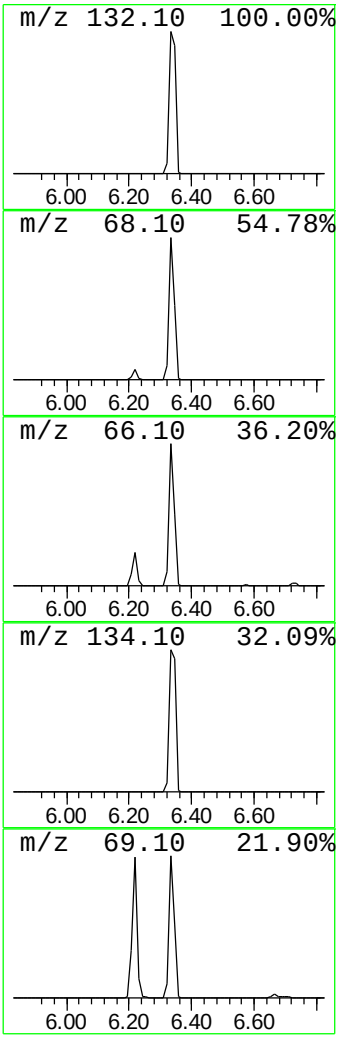
****

Peak Number 2 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	69.54 ng	1425970	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Data File : BF081135.D
Acq On : 20 Aug 2015 20:42
Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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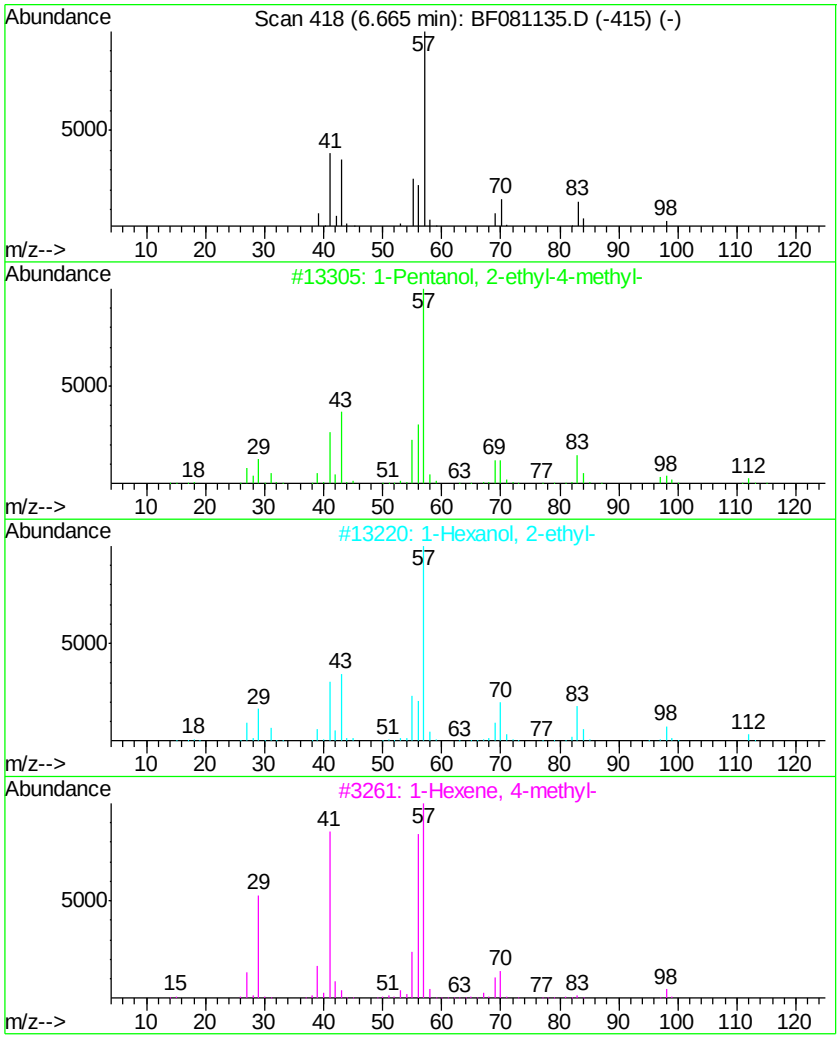
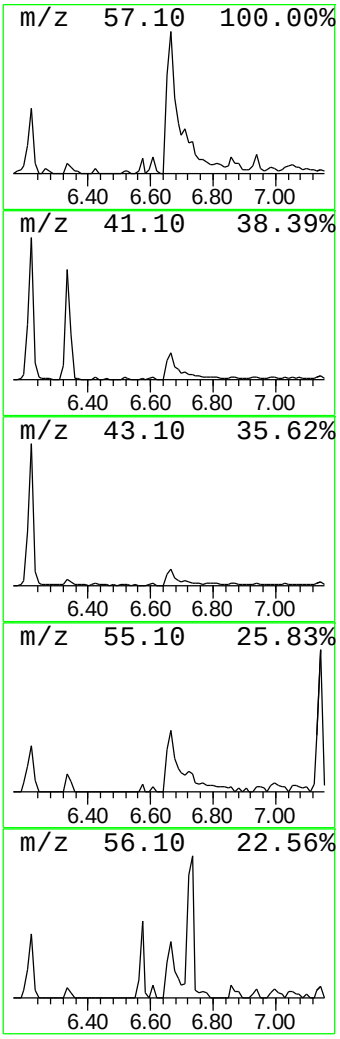
Peak Number 3 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	5.17 ng	106017	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	38
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	38





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Data File : BF081135.D
Acq On : 20 Aug 2015 20:42
Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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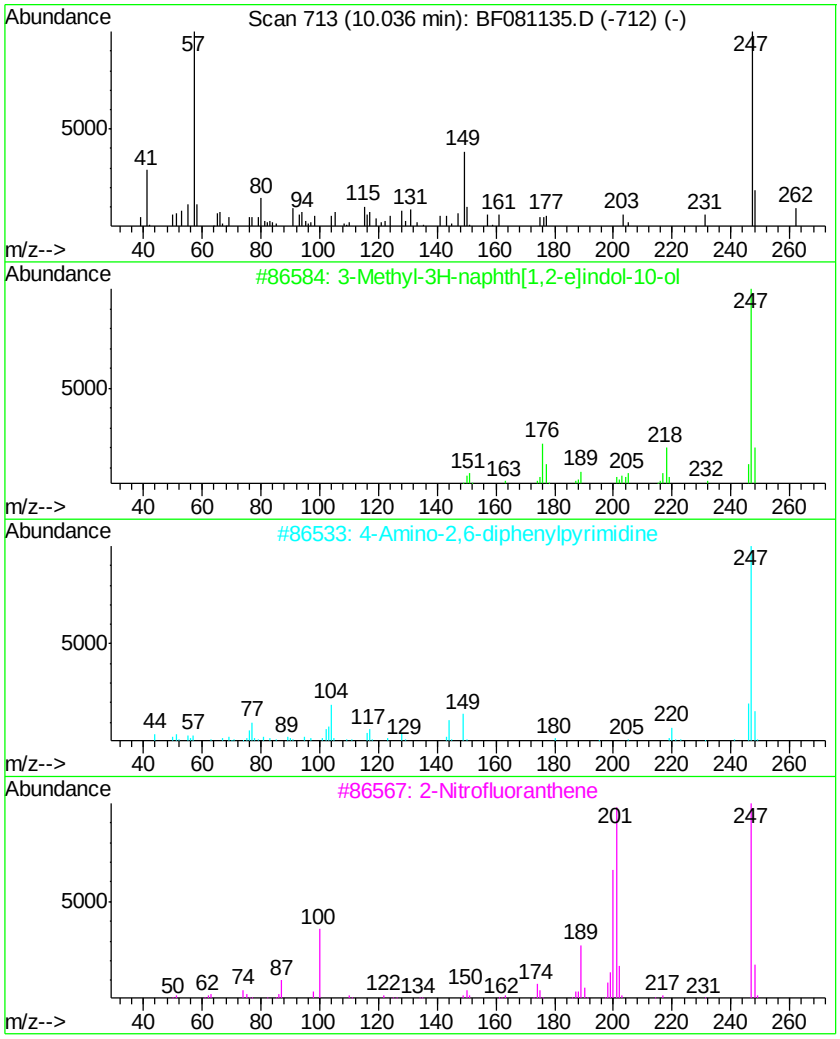
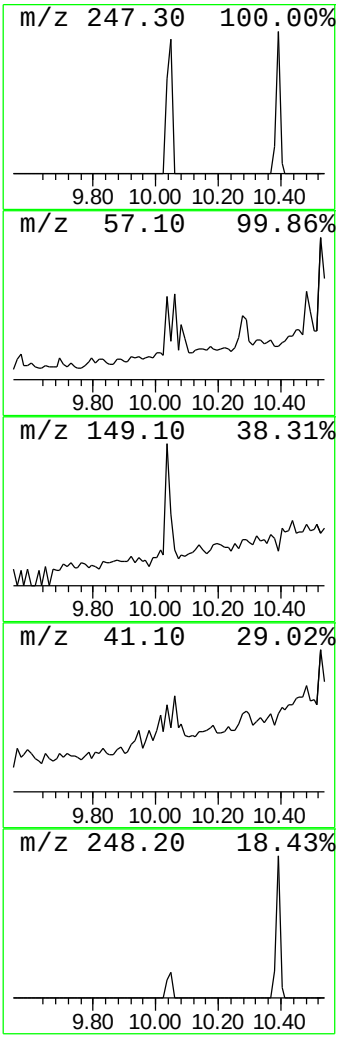
Peak Number 5 unknown10.04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.36 ng	60643	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3H-naphth[1,2-e]indol-1...	247	C17H13NO	098033-21-7	47
2	4-Amino-2,6-diphenylpyrimidine	247	C16H13N3	041270-99-9	38
3	2-Nitrofluoranthene	247	C16H9NO2	013177-29-2	38
4	4-Iodo-2,6-dimethylaniline	247	C8H10IN	004102-53-8	38
5	Cyclohexanone, 4-methyl-, (4-nit...	247	C13H17N3O2	025117-42-4	35





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Data File : BF081135.D
Acq On : 20 Aug 2015 20:42
Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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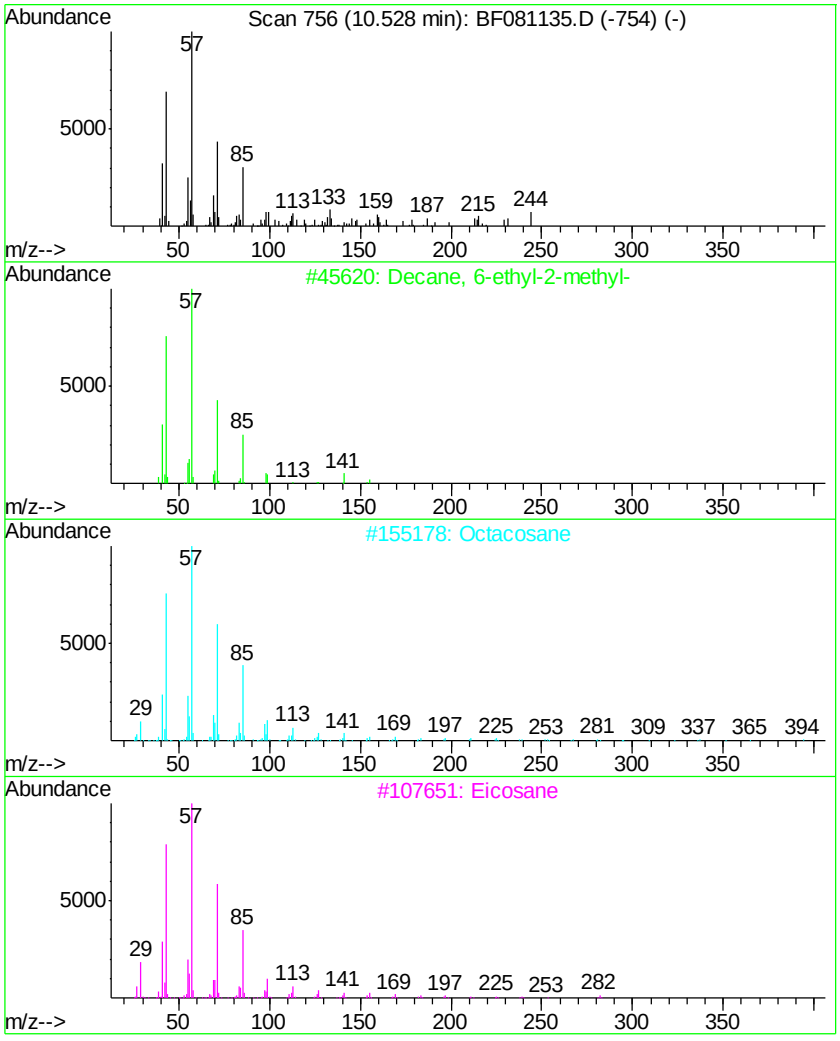
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

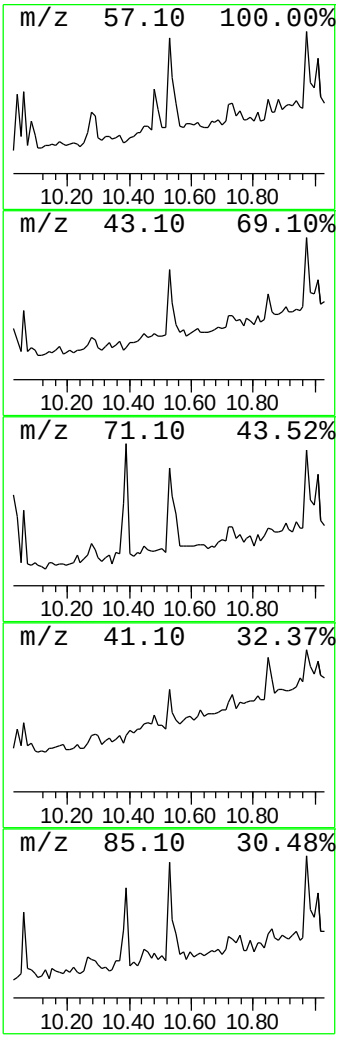
****

Peak Number 6 Decane, 6-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.90 ng	71285	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
2	Octacosane	394	C28H58	000630-02-4	53
3	Eicosane	282	C20H42	000112-95-8	53
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
5	Hexacosane	366	C26H54	000630-01-3	53





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Operator : UM/IZ
Sample : G3282-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

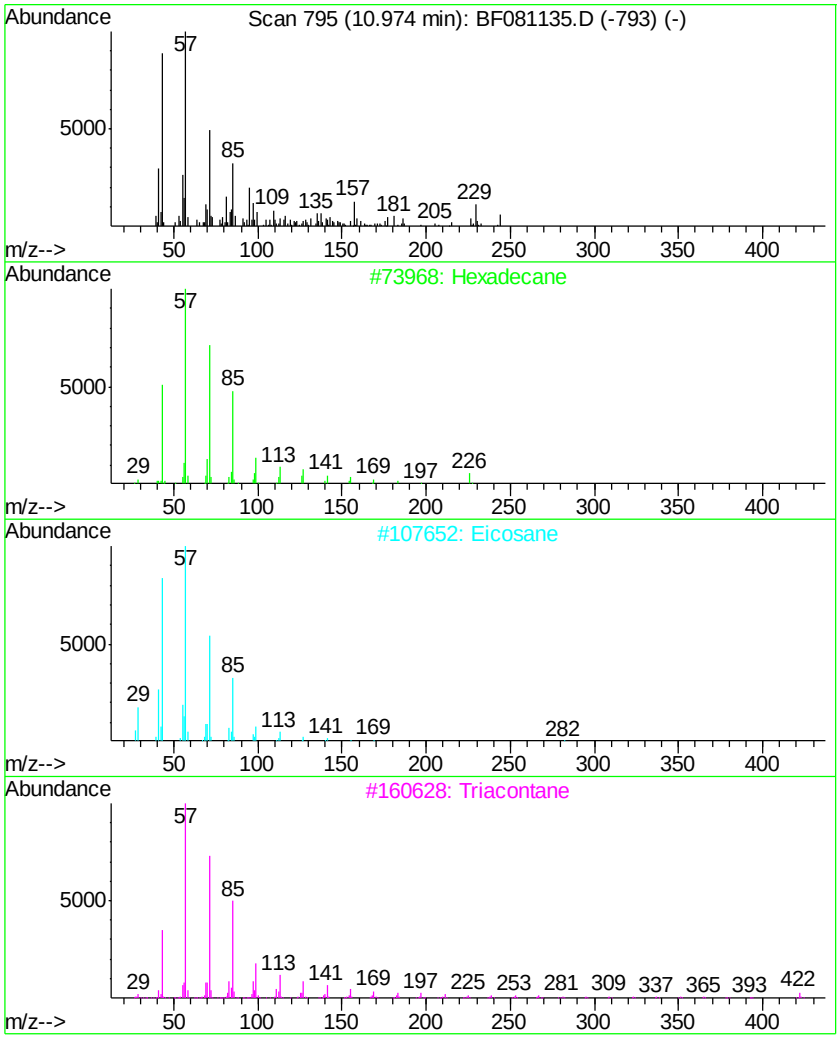
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

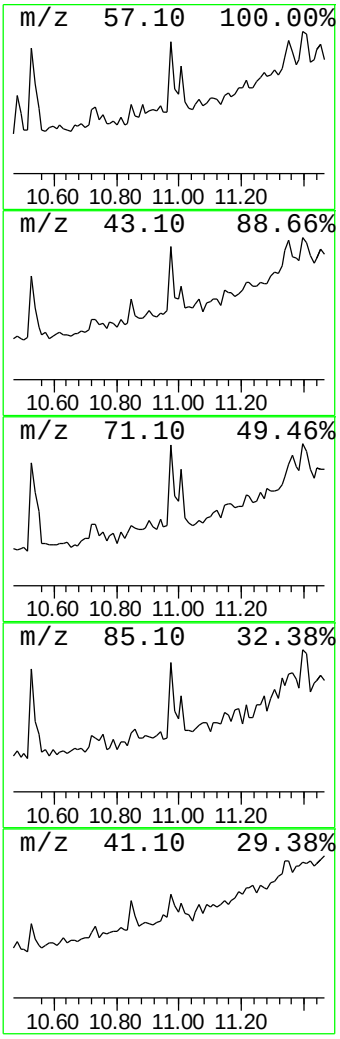
****

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.98 ng	73283	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Eicosane	282	C20H42	000112-95-8	49
3	Triacontane	422	C30H62	000638-68-6	47
4	Tetratetracontane	619	C44H90	007098-22-8	47
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46





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Misc :
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Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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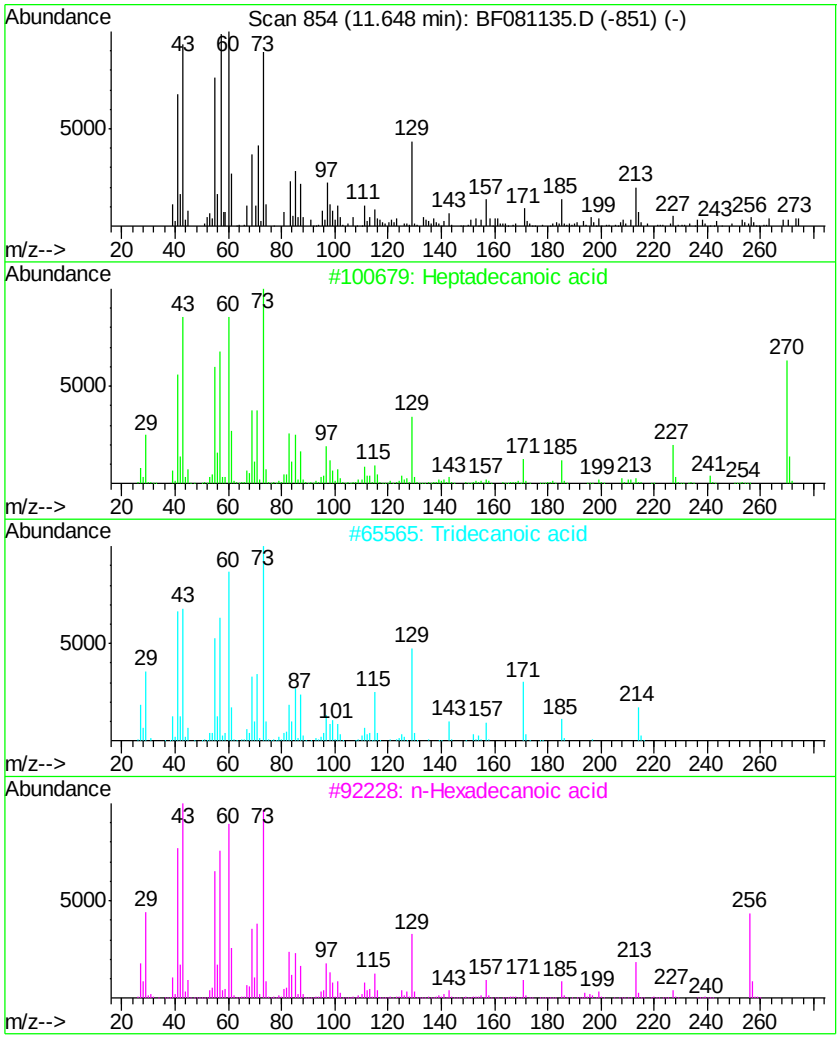
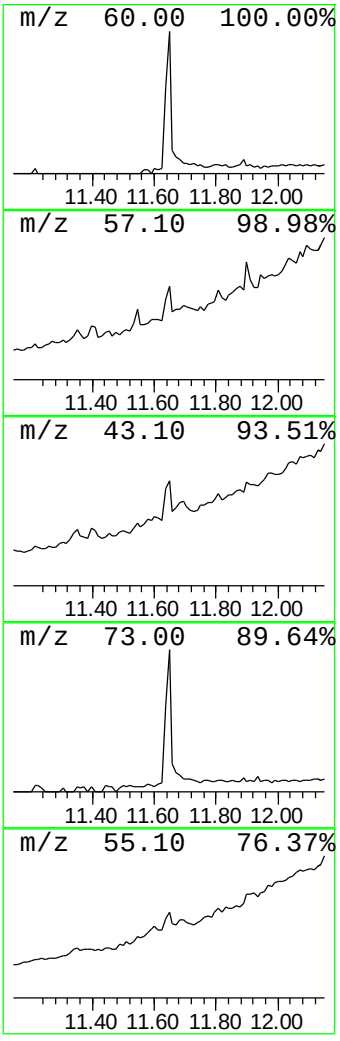
Peak Number 8 Heptadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	8.11 ng	199584	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB06-4.0-4.5-081215

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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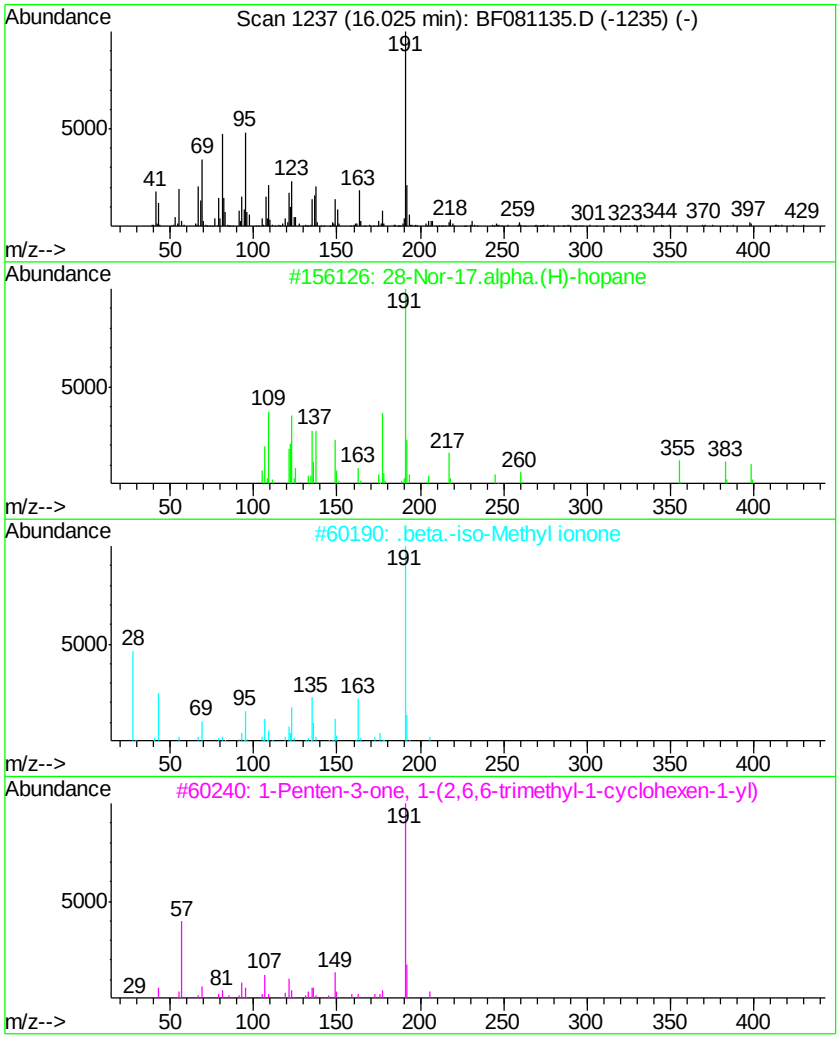
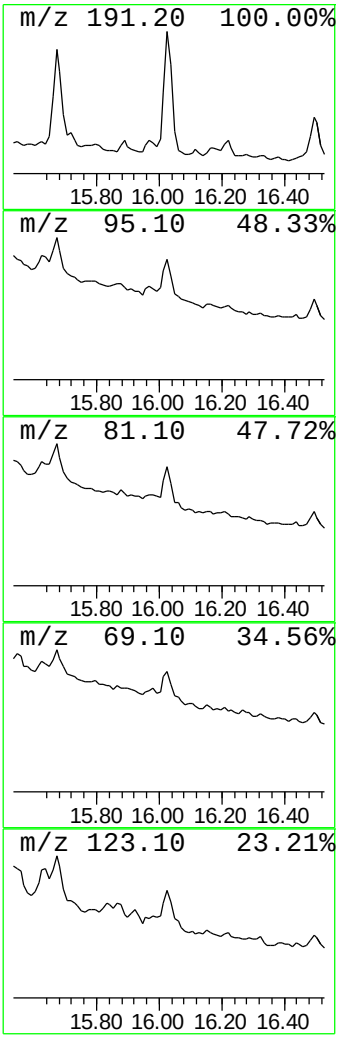
Peak Number 9 28-Nor-17.alpha.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	20.00 ng	1233840	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	53
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40
5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
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Operator : UM/IZ
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
2-Pentanone, 4-hy...	4.69	45.2	ng	926160	1	6.57	410086	20.0
unknown6.33	6.33	69.5	ng	1425970	1	6.57	410086	20.0
1-Pentanol, 2-eth...	6.66	5.2	ng	106017	1	6.57	410086	20.0
unknown10.04	10.04	2.4	ng	60643	3	9.60	513142	20.0
Decane, 6-ethyl-2...	10.53	2.9	ng	71285	4	11.08	492437	20.0
Hexadecane	10.97	3.0	ng	73283	4	11.08	492437	20.0
Heptadecanoic acid	11.65	8.1	ng	199584	4	11.08	492437	20.0
28-Nor-17.alpha.(...	16.03	20.0	ng	1233840	6	15.08	1233840	20.0