LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087198.D
Acq On : 19 May 2016 20:36
Operator : UM/SJ
Sample : H3144-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-AB-AC(0-2)

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-BF051716.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	1.713	9	11	60	rVB	2696469	7180671	100.00%	15.313%
2	3.953	204	207	224	rBV	61979	154987	2.16%	0.331%
3	4.696	270	272	289	rBV	409684	820042	11.42%	1.749%
4	5.153	310	312	333	rBV	3731143	4349307	60.57%	9.275%
5	6.239	404	407	409	rBV	4351909	4861793	67.71%	10.368%
6	6.342	413	416	418	rBV	4482786	4743385	66.06%	10.116%
7	6.570	434	436	442	rVB	596626	901161	12.55%	1.922%
8	6.719	447	449	452	rBV	3375043	3119456	43.44%	6.652%
9	7.142	484	486	489	rBV	2853329	2914051	40.58%	6.214%
10	7.850	546	548	551	rBV	1235228	1169526	16.29%	2.494%
11	8.936	640	643	645	rBV	4638392	4671517	65.06%	9.962%
12	9.336	676	678	680	rBV	603996	533271	7.43%	1.137%
13	9.542	694	696	698	rBV	110119	136066	1.89%	0.290%
14	9.599	698	701	704	rVV	1513298	1342842	18.70%	2.864%
15	10.045	738	740	742	rBV	252246	203105	2.83%	0.433%
16	10.262	756	759	762	rBV	68836	111906	1.56%	0.239%
17	10.388	768	770	773	rBV	2592532	2864877	39.90%	6.110%
18	10.513	779	781	788	rVB	216922	262892	3.66%	0.561%
19	11.073	828	830	833	rBV	1315659	1216410	16.94%	2.594%
20	11.622	876	878	884	rBV	45044	81329	1.13%	0.173%
21	12.662	966	969	971	rBV	3546608	3411511	47.51%	7.275%
22	13.577	1046	1049	1057	rBV	60236	163681	2.28%	0.349%
23	13.702	1057	1060	1063	rBV	948317	925616	12.89%	1.974%
24	15.051	1175	1178	1181	rBV	669836	752125	10.47%	1.604%

Sum of corrected areas: 46891527

LSC Report - Integrated Chromatogram

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Operator : UM/SJ
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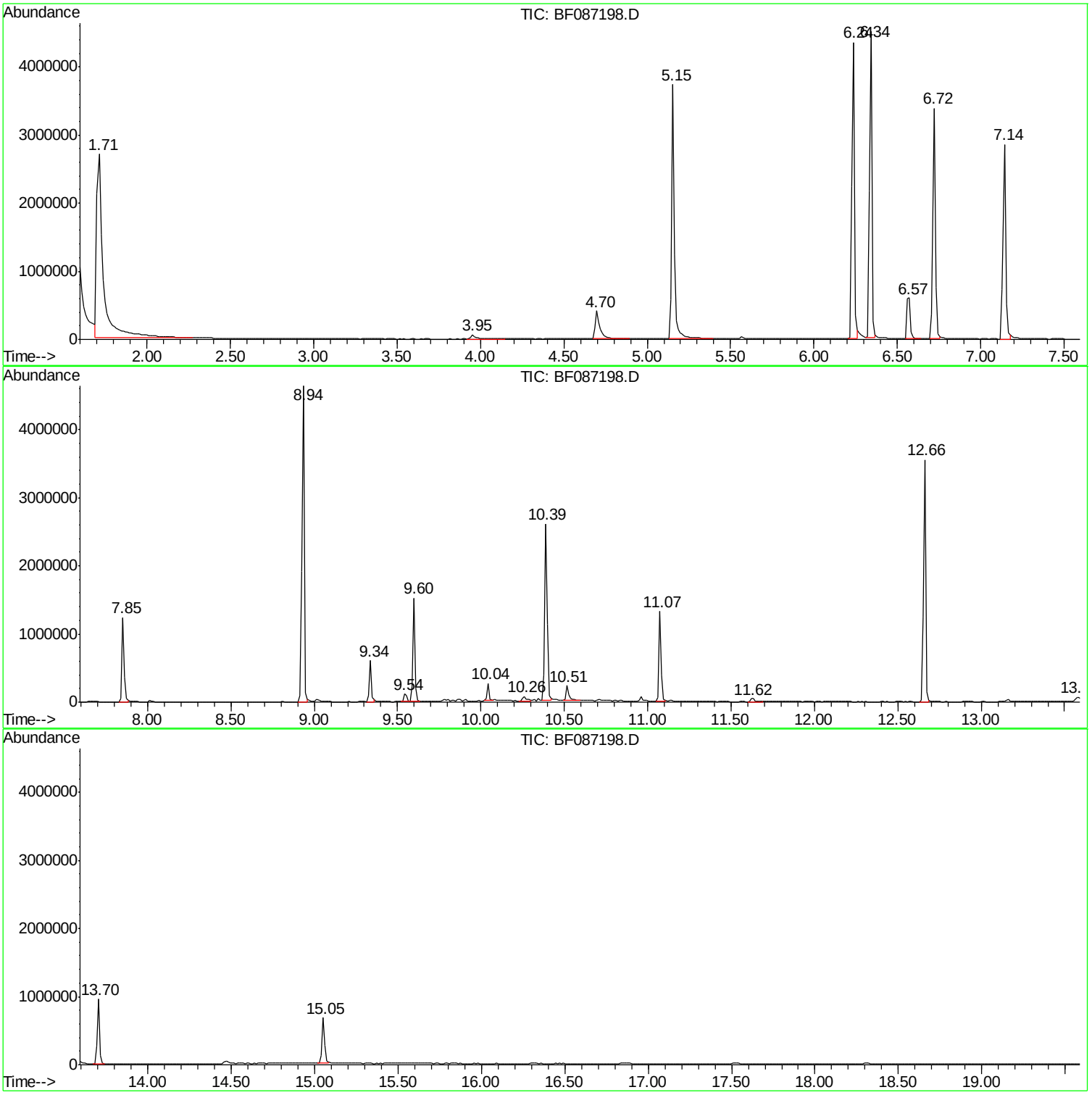
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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\BF051916\
Data File : BF087198.D
Acq On : 19 May 2016 20:36
Operator : UM/SJ
Sample : H3144-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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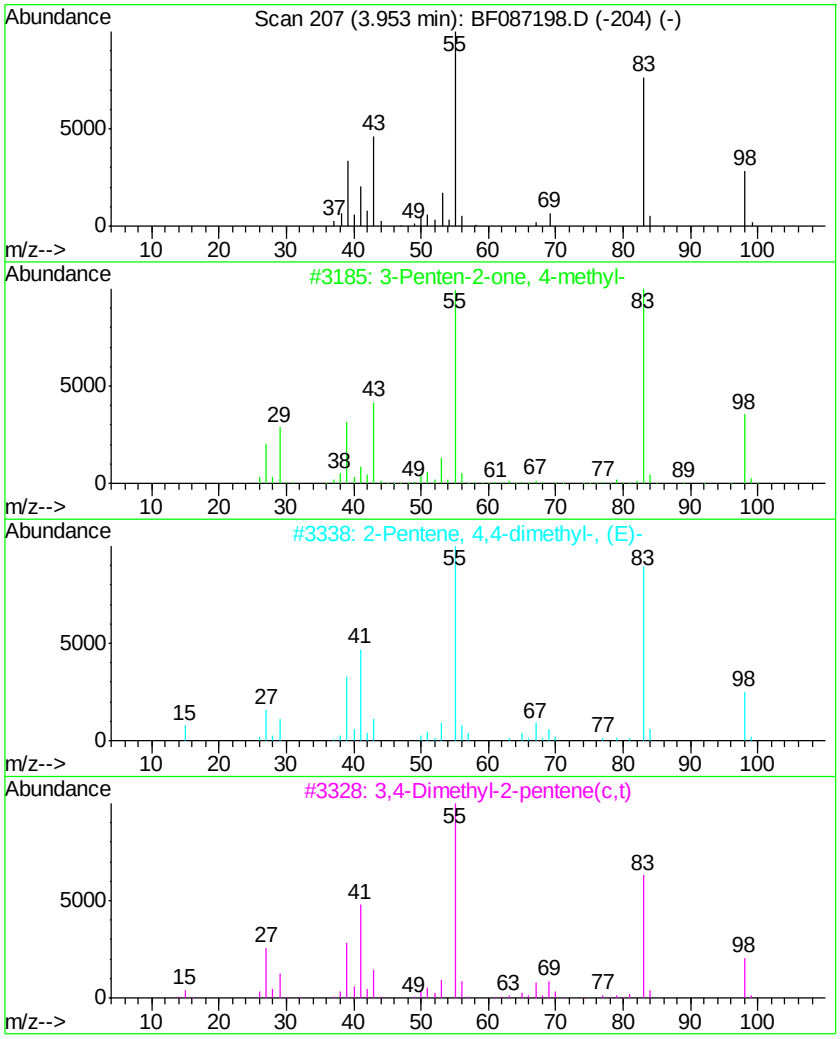
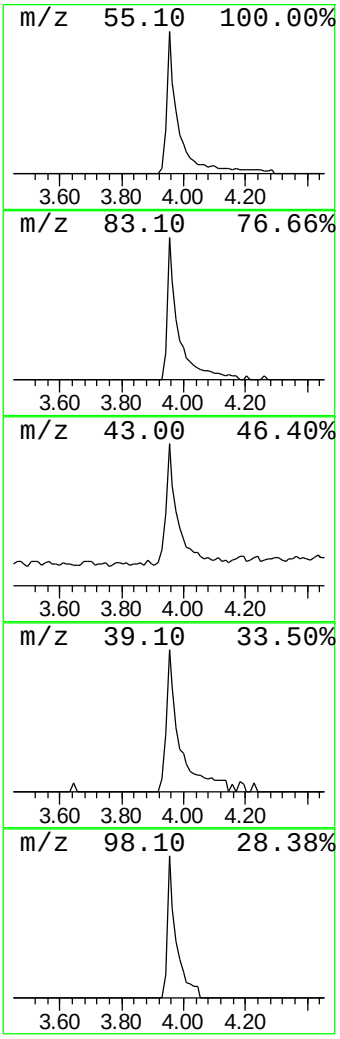
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	3.44 ng	154987	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
4	3-Hexen-2-one	98	C6H10O	000763-93-9	80
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80





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Acq On : 19 May 2016 20:36
Operator : UM/SJ
Sample : H3144-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

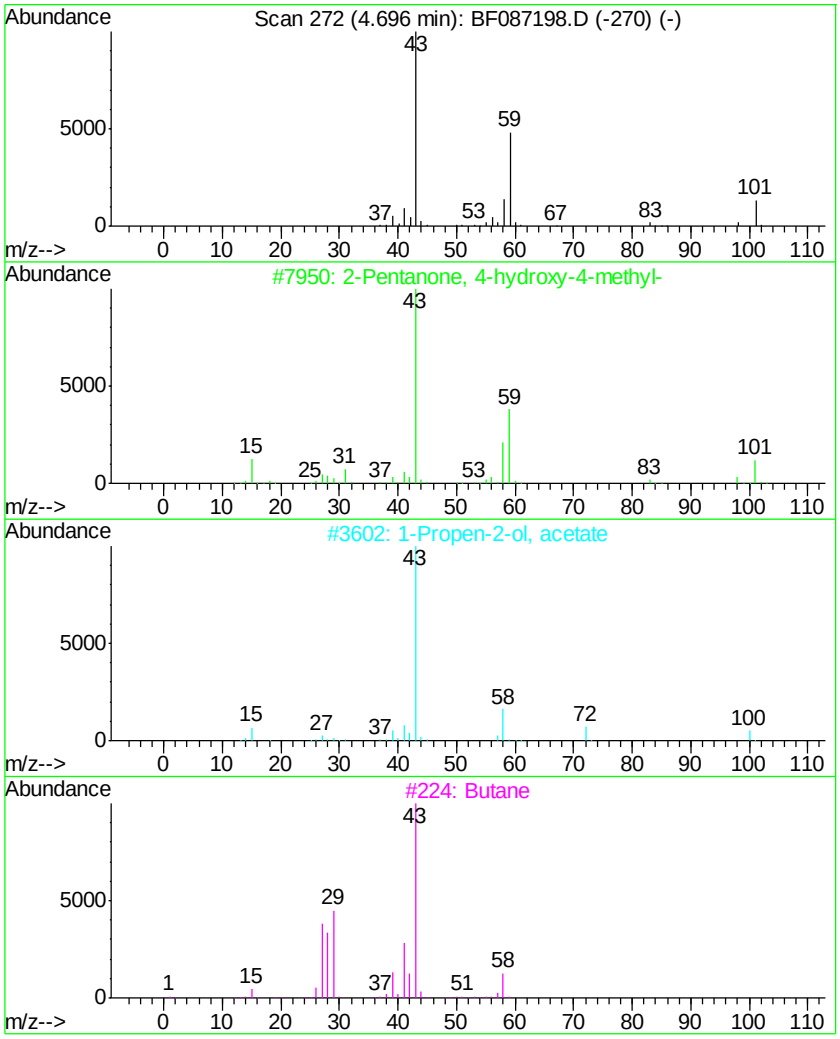
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

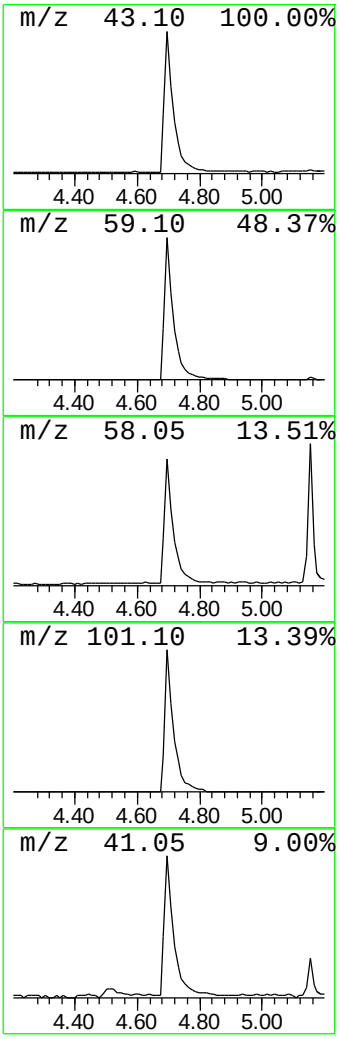
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	18.20 ng	820042	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	39
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane	58	C4H10	000106-97-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Data File : BF087198.D
Acq On : 19 May 2016 20:36
Operator : UM/SJ
Sample : H3144-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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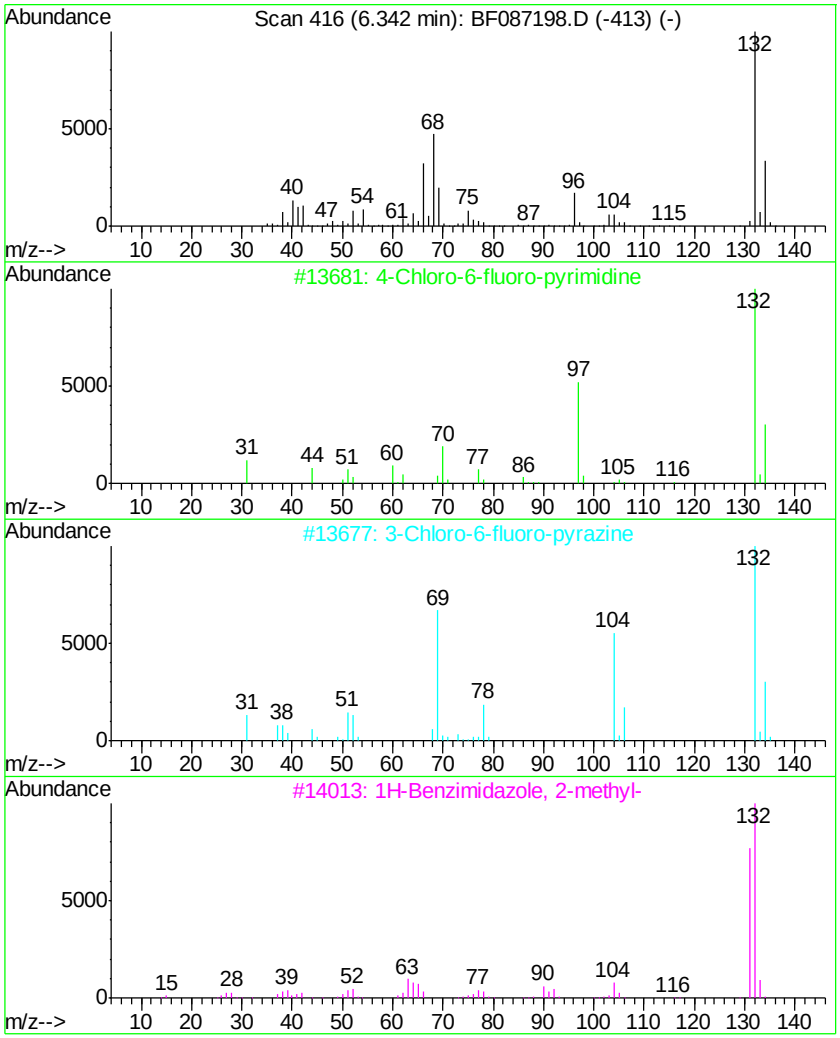
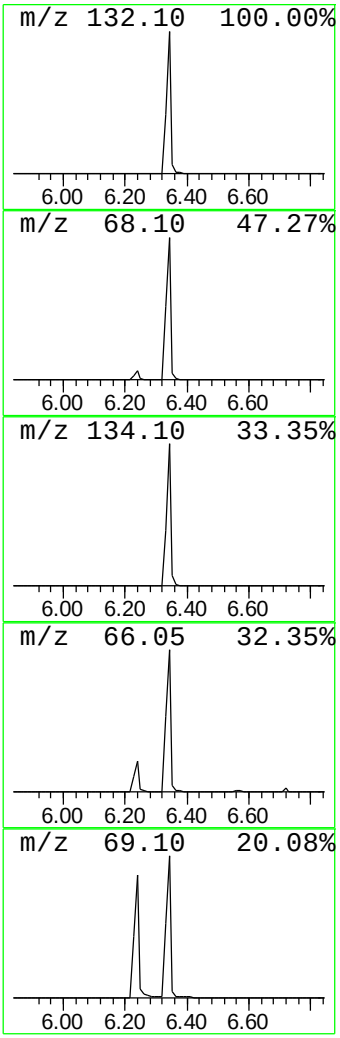
Peak Number 4 unknown6.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	105.27 ng	4743390	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	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Acq On : 19 May 2016 20:36
Operator : UM/SJ
Sample : H3144-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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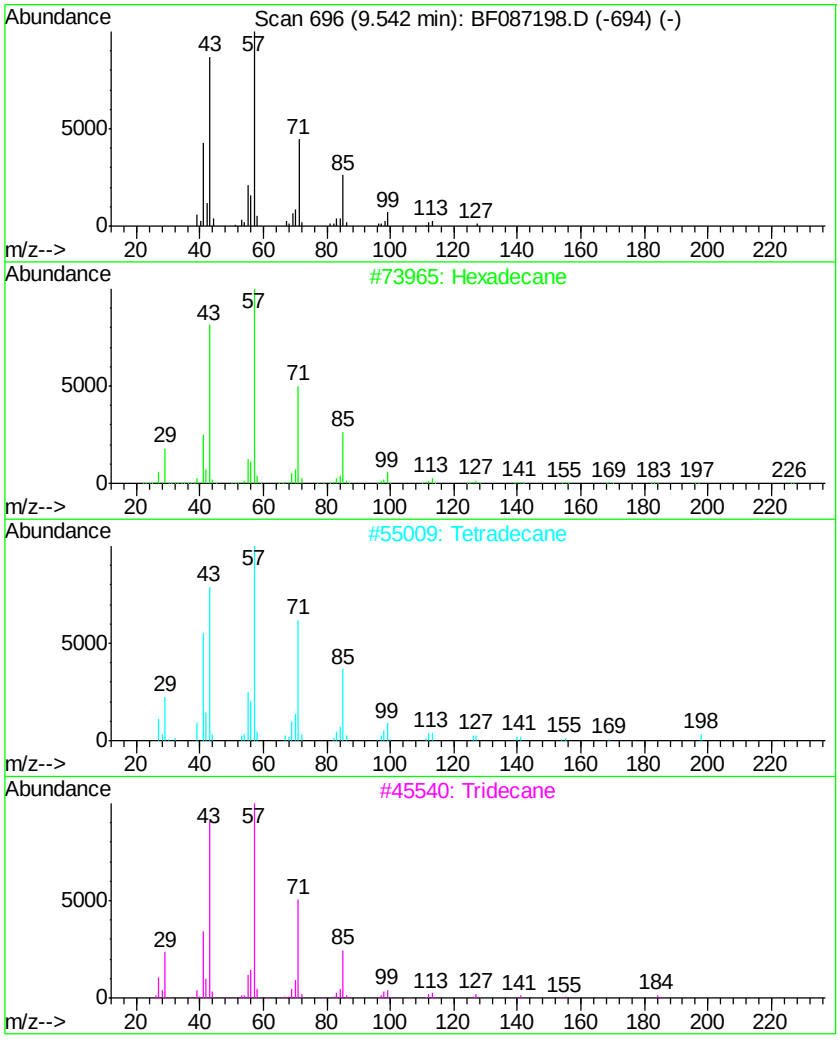
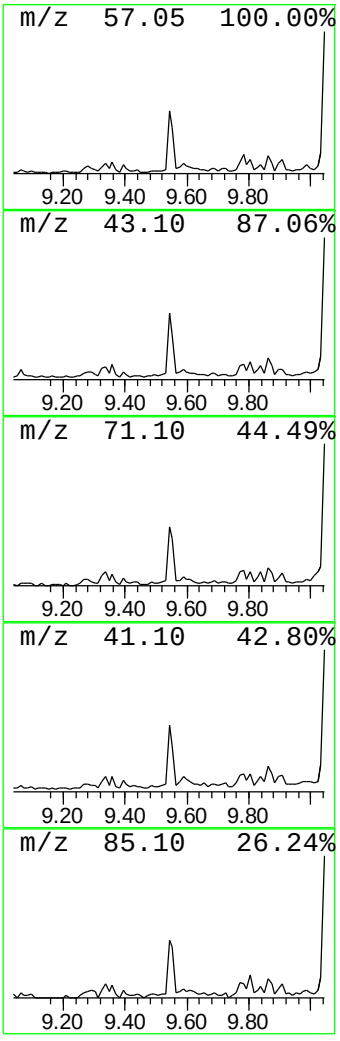
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.03 ng	136066	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	83
5	Pentadecane	212	C15H32	000629-62-9	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087198.D
Acq On : 19 May 2016 20:36
Operator : UM/SJ
Sample : H3144-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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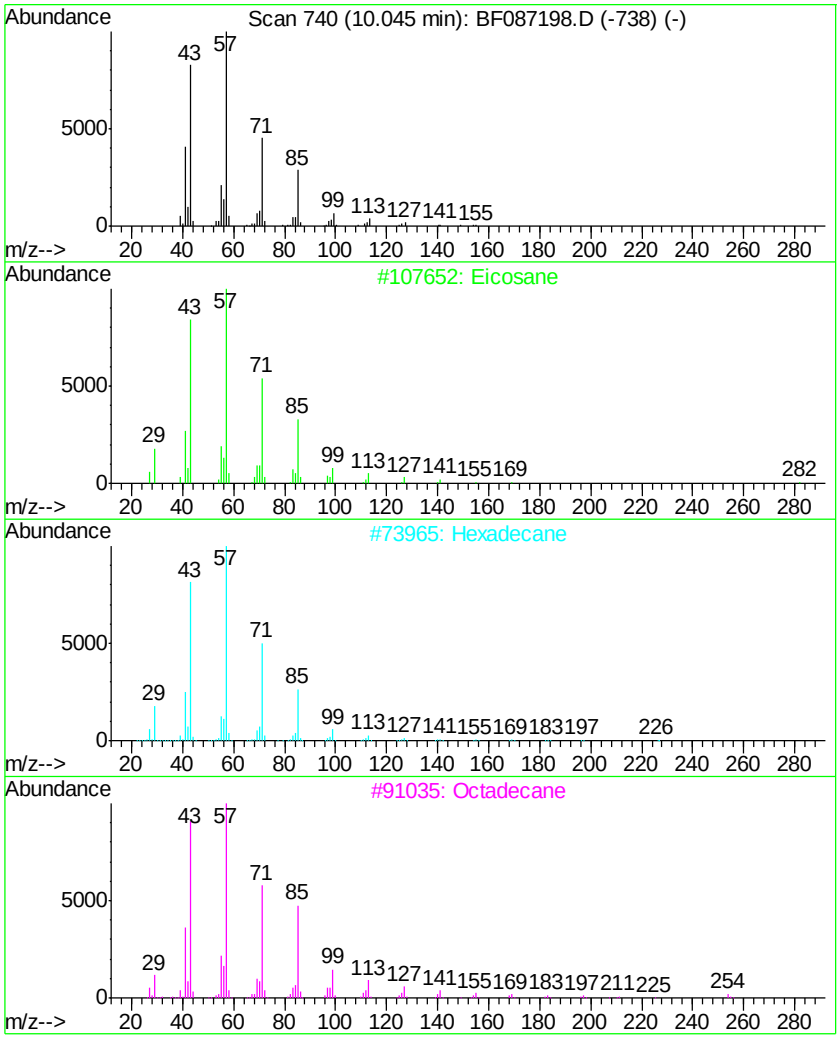
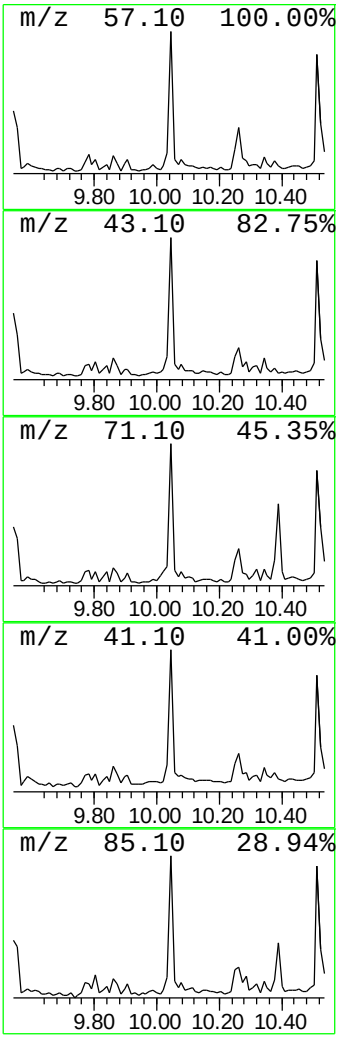
Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.03 ng	203105	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	86





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-AB-AC(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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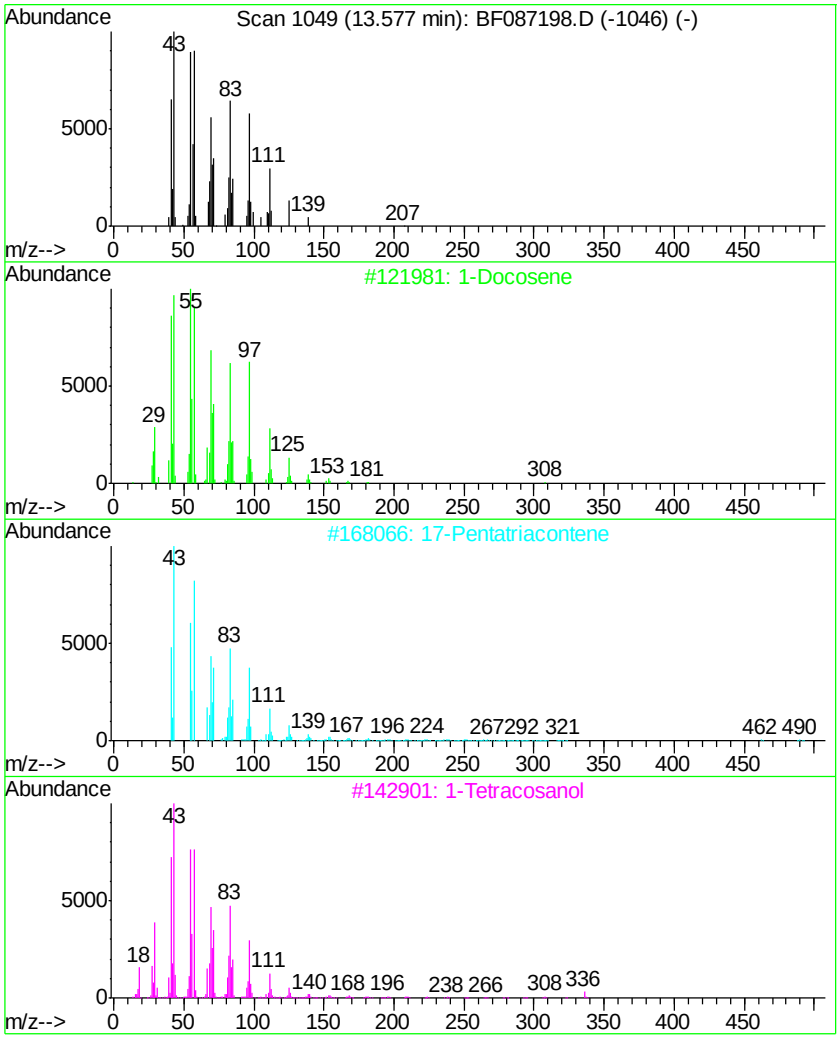
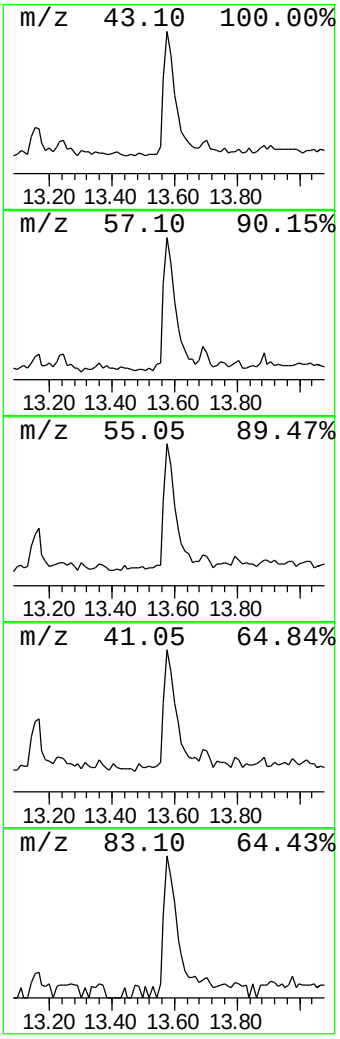
Peak Number 9 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.54 ng	163681	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	83
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	74





Tentatively Identified Compound (LSC) summary

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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
3-Penten-2-one, 4...	3.95	3.4	ng	154987	1	6.57	901161	20.0
2-Pentanone, 4-hy...	4.70	18.2	ng	820042	1	6.57	901161	20.0
unknown6.34	6.34	105.3	ng	4743390	1	6.57	901161	20.0
Hexadecane	9.54	2.0	ng	136066	3	9.60	1342840	20.0
Eicosane	10.04	3.0	ng	203105	3	9.60	1342840	20.0
1-Docosene	13.58	3.5	ng	163681	5	13.70	925616	20.0