LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091676.D
Acq On : 16 Dec 2016 16:52
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

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-BF120916.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	3.253	99	102	108	rBV	73993	140281	1.98%	0.230%
2	4.270	189	191	199	rBV	637349	935367	13.19%	1.531%
3	4.956	247	251	259	rBV	1307032	2312228	32.60%	3.785%
4	5.378	285	288	291	rBV	5017766	5327416	75.10%	8.720%
5	6.419	376	379	381	rBV	5610501	6458971	91.05%	10.572%
6	6.544	387	390	392	rBV	5447712	5862879	82.65%	9.596%
7	6.773	407	410	412	rBV	1571996	1347998	19.00%	2.206%
8	6.933	421	424	426	rBV	4399241	4977602	70.17%	8.147%
9	7.333	456	459	462	rBV	2852143	3241469	45.69%	5.305%
10	8.053	520	522	525	rBV	1703300	1813306	25.56%	2.968%
11	9.139	613	617	619	rBV	6336301	6933468	97.74%	11.348%
12	9.813	673	676	678	rBV	1784342	2279407	32.13%	3.731%
13	10.602	741	745	747	rBV	3248034	4461602	62.89%	7.303%
14	11.288	802	805	808	rBV	2389226	2116956	29.84%	3.465%
15	12.876	941	944	947	rBV	6602180	7093752	100.00%	11.611%
16	13.916	1032	1035	1038	rBV	2564254	2407077	33.93%	3.940%
17	15.014	1128	1131	1134	rBV	100136	114141	1.61%	0.187%
18	15.322	1155	1158	1160	rBV	1562514	1951355	27.51%	3.194%
19	15.368	1160	1162	1165	rVB	161192	232045	3.27%	0.380%
20	15.768	1194	1197	1201	rBV	169116	285898	4.03%	0.468%
21	16.225	1233	1237	1240	rBV	181036	301535	4.25%	0.494%
22	16.762	1280	1284	1292	rBV	97400	243936	3.44%	0.399%
23	17.403	1336	1340	1346	rVB	59862	153087	2.16%	0.251%
24	18.157	1402	1406	1412	rBV3	36023	104639	1.48%	0.171%

Sum of corrected areas: 61096415

LSC Report - Integrated Chromatogram

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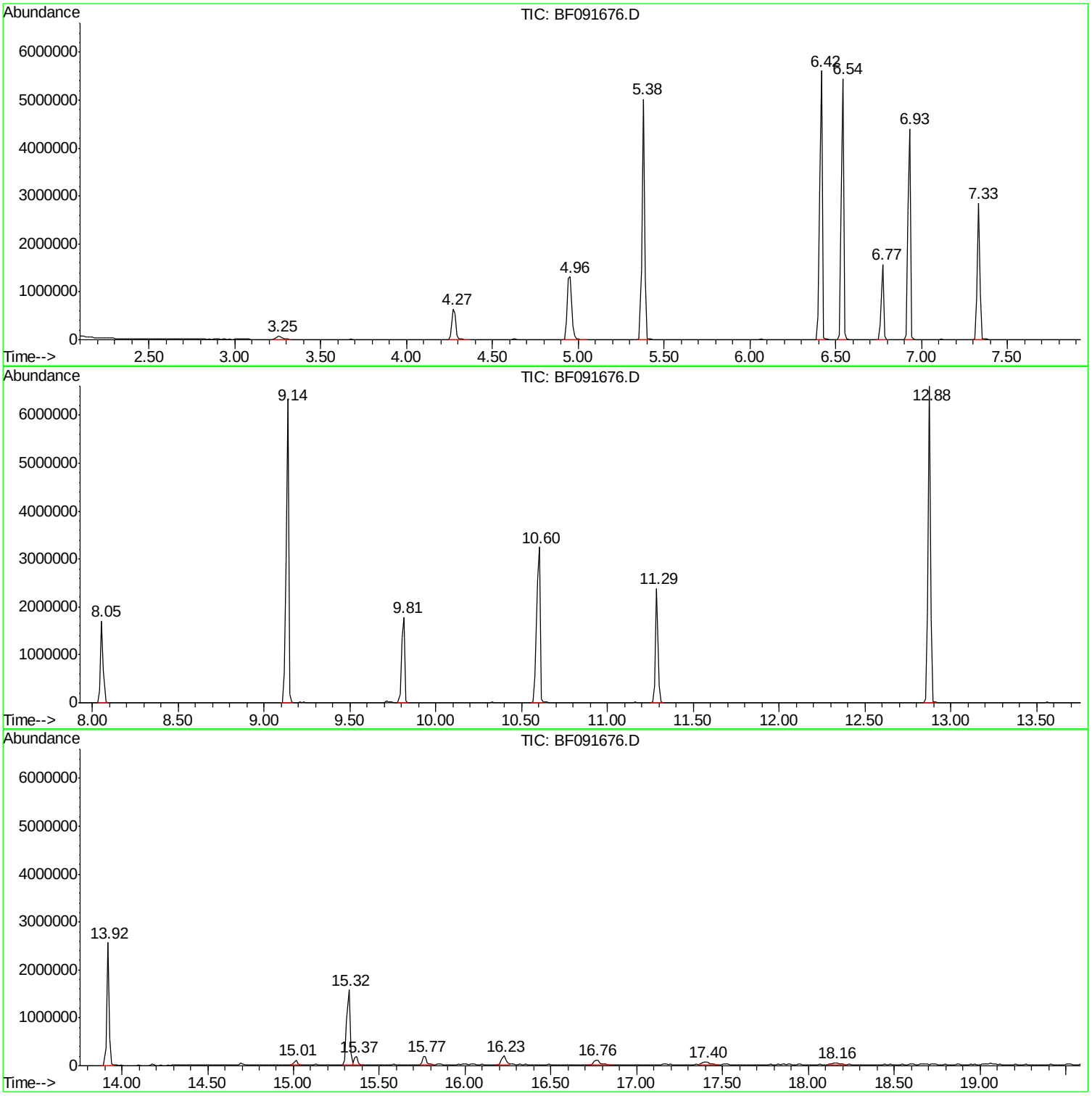
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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\BF121616\
Data File : BF091676.D
Acq On : 16 Dec 2016 16:52
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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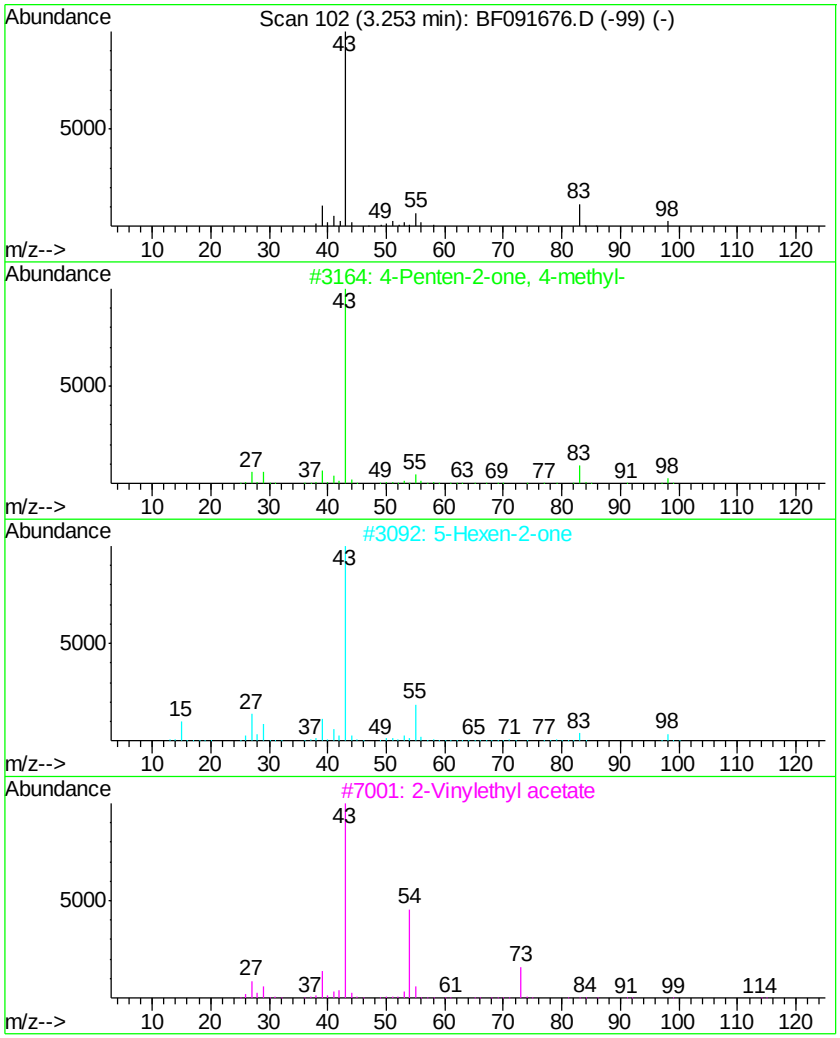
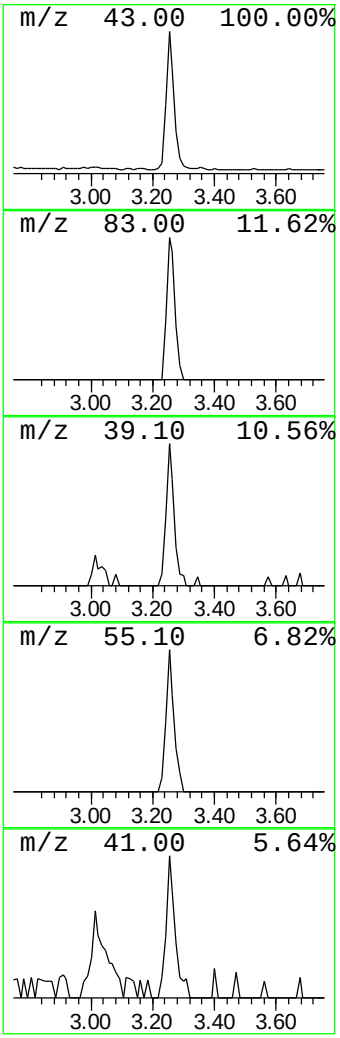
Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	2.08 ng	140281	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	43
3	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	25
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	25
5	4-Hexen-2-one	98	C6H10O	025659-22-7	9





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Acq On : 16 Dec 2016 16:52
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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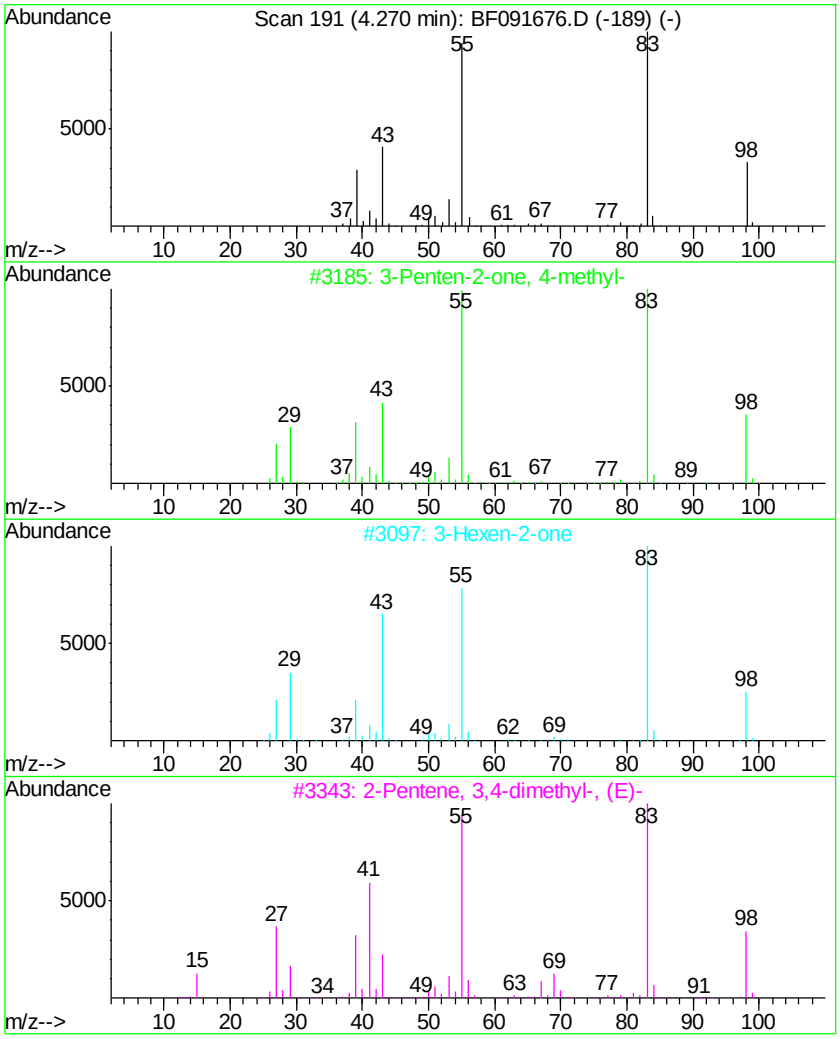
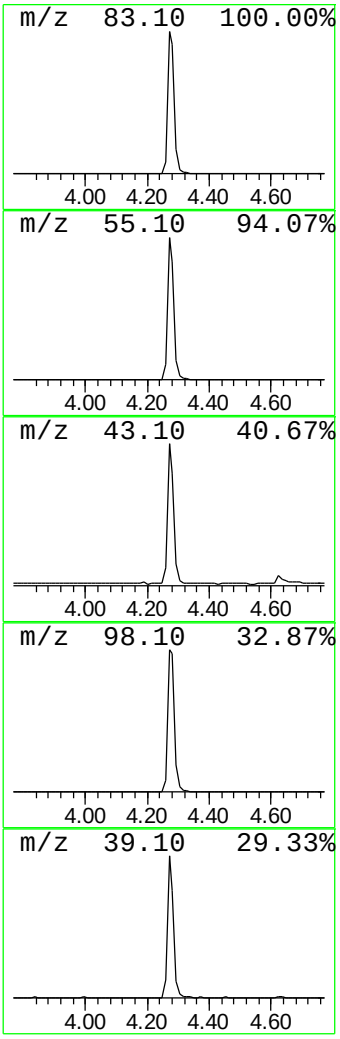
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	13.88 ng	935367	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





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Data File : BF091676.D
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Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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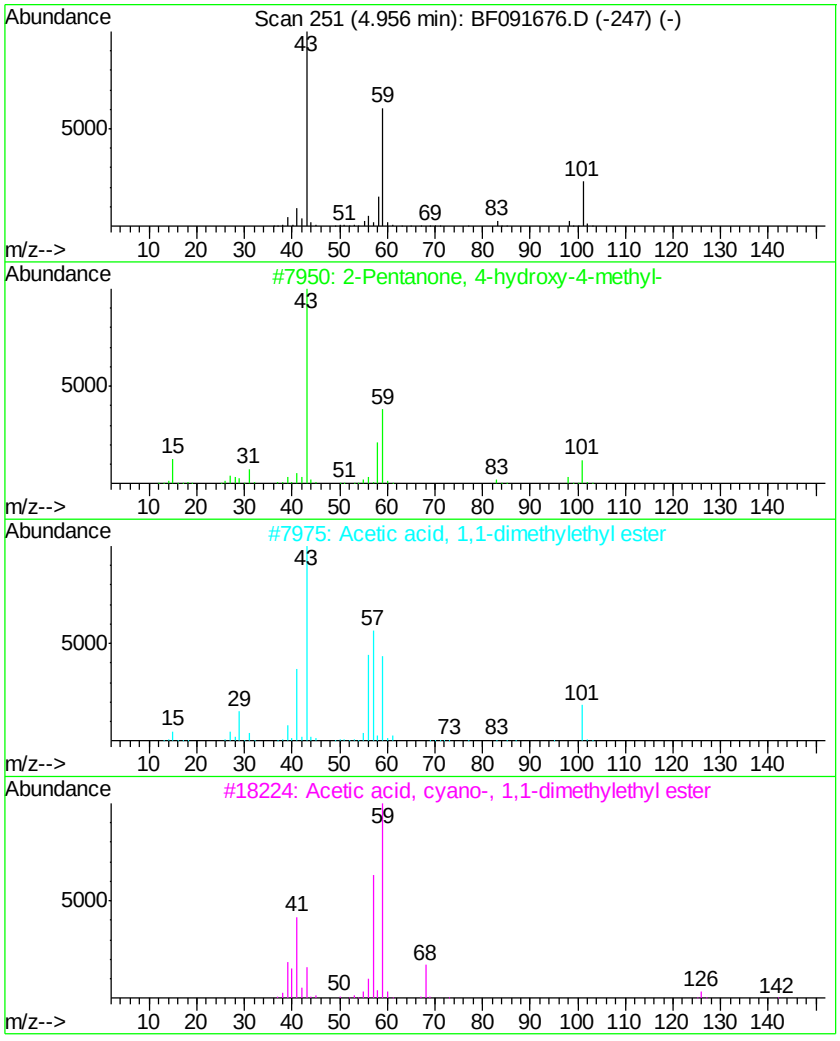
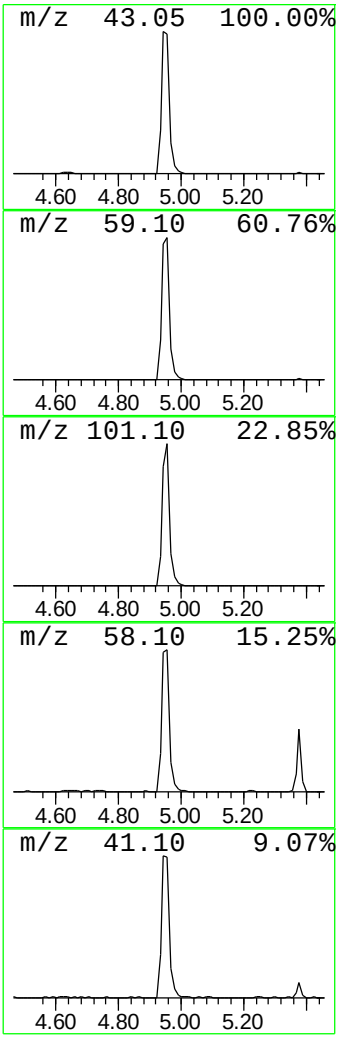
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	34.31 ng	2312230	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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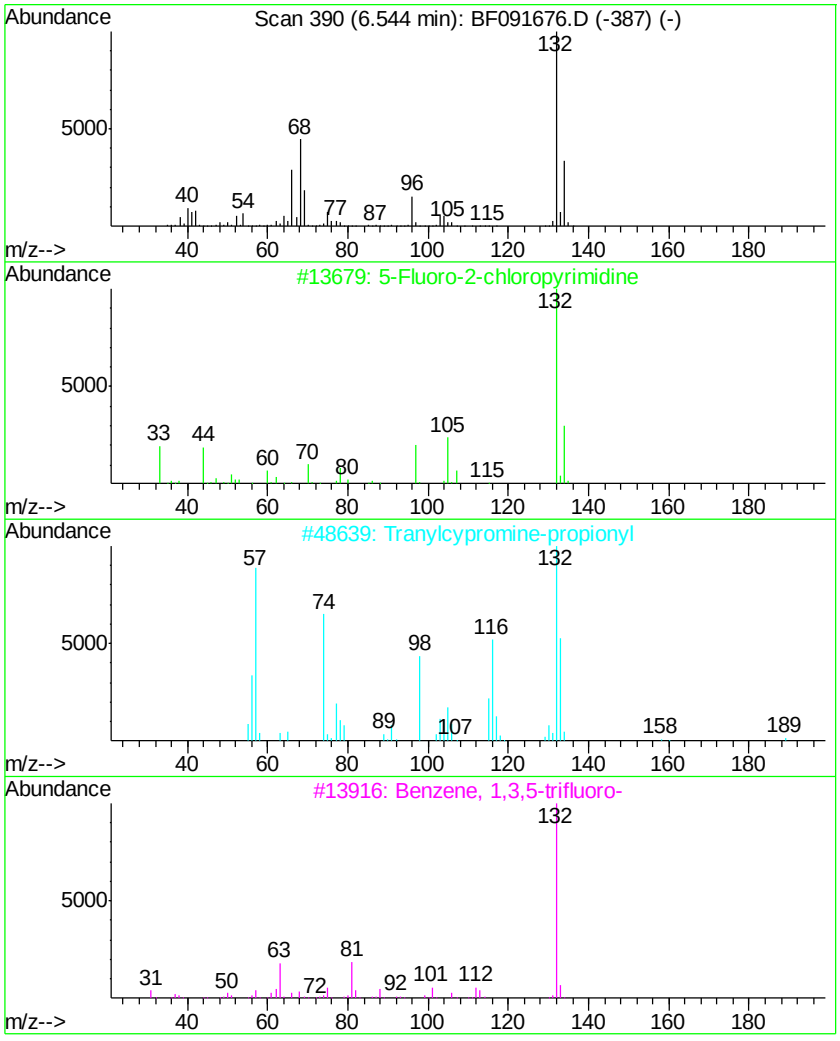
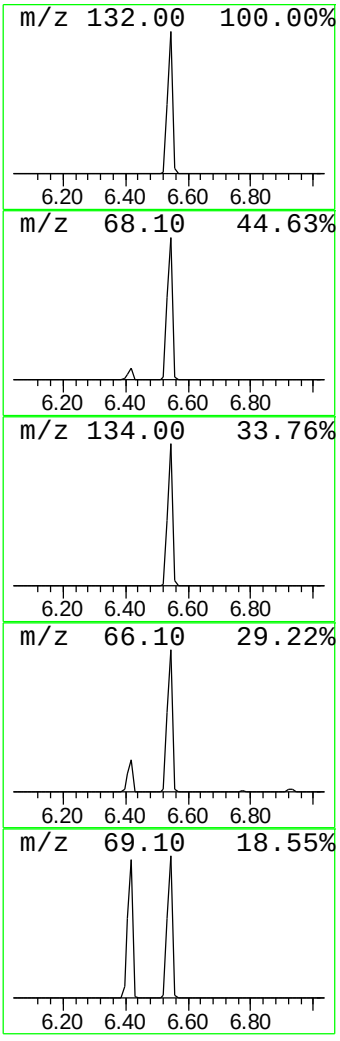
Peak Number 4 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	86.99 ng	5862880	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : PB95365BL
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Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
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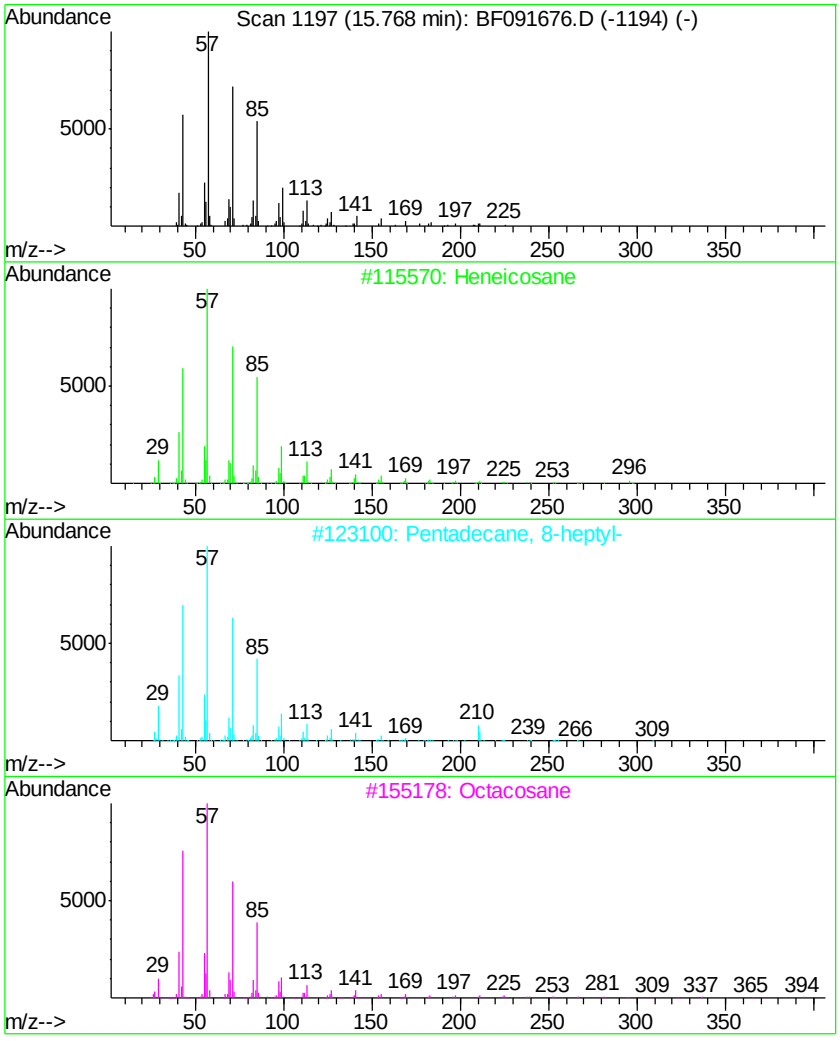
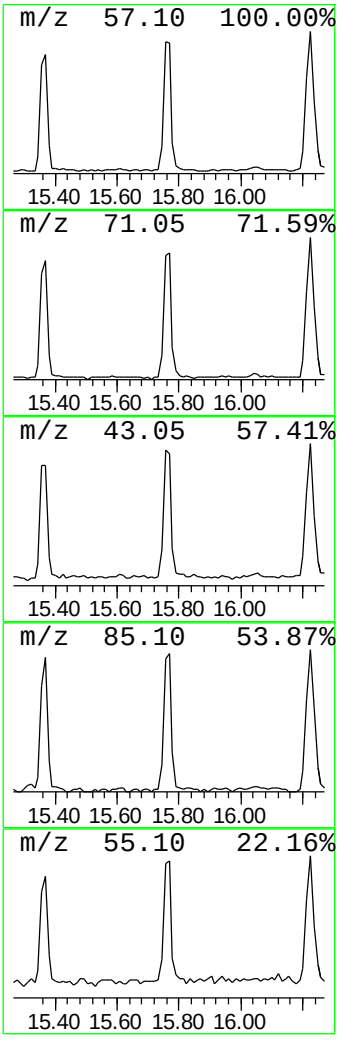
Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.93 ng	285898	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	83
5	Tetratetracontane	619	C44H90	007098-22-8	81





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Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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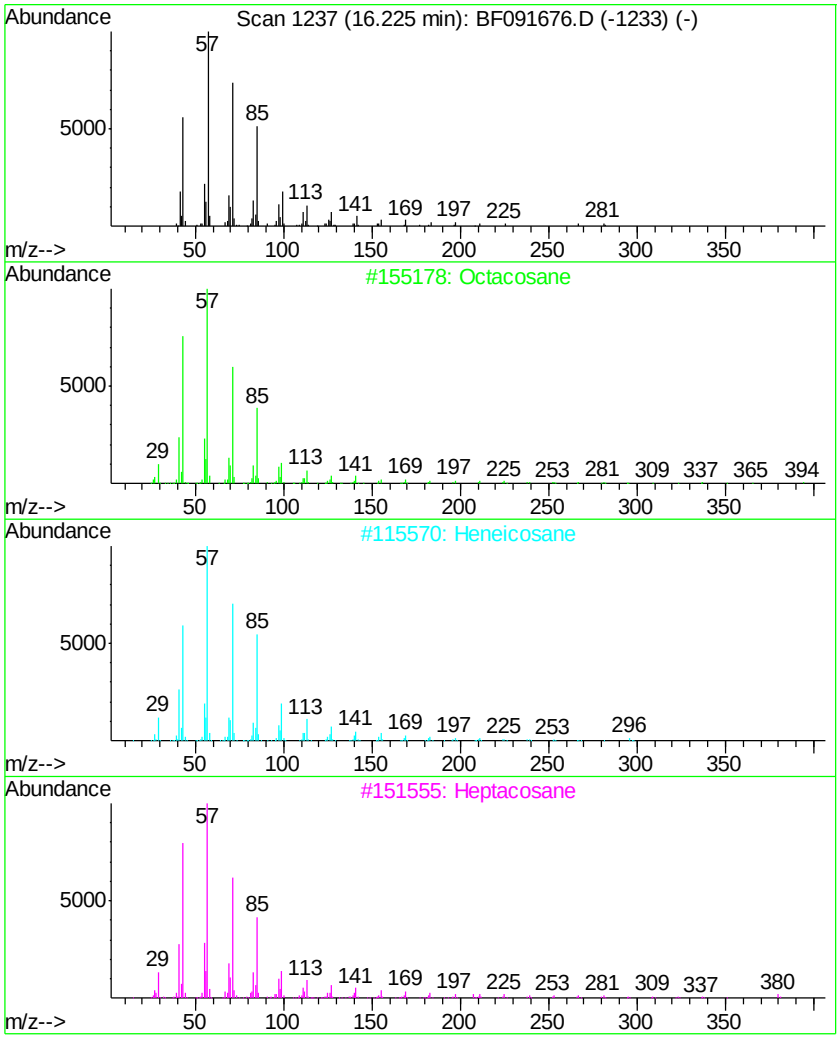
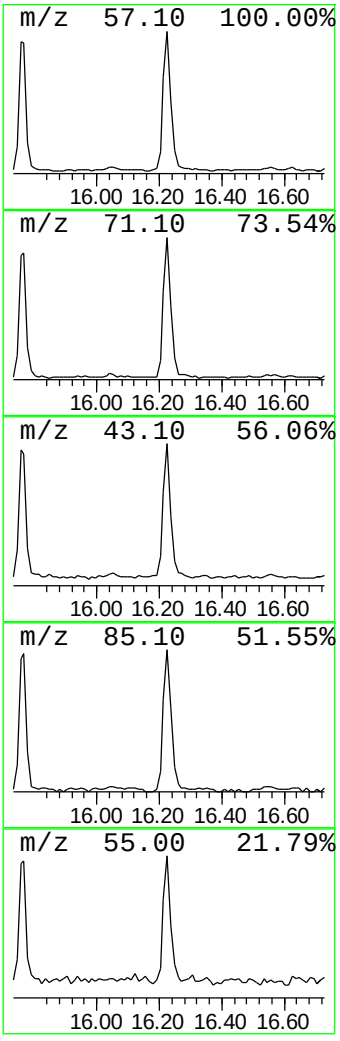
Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	3.09 ng	301535	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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
4-Penten-2-one, 4...	3.25	2.1	ng	140281	1	6.77	1348000	20.0
3-Penten-2-one, 4...	4.27	13.9	ng	935367	1	6.77	1348000	20.0
2-Pentanone, 4-hy...	4.96	34.3	ng	2312230	1	6.77	1348000	20.0
unknown6.54	6.54	87.0	ng	5862880	1	6.77	1348000	20.0
Heneicosane	15.77	2.9	ng	285898	6	15.32	1951360	20.0
Octacosane	16.23	3.1	ng	301535	6	15.32	1951360	20.0