LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

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-BF013017.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	3.196	96	97	108	rBV	65045	149525	1.28%	0.347%
2	3.481	119	122	133	rVB	173602	325301	2.80%	0.754%
3	4.476	203	209	211	rBV	5392522	11637503	100.00%	26.986%
4	5.139	260	267	269	rBV	3983838	10083225	86.64%	23.382%
5	6.544	388	390	394	rBV2	197894	240816	2.07%	0.558%
6	6.910	420	422	425	rBV	748938	790974	6.80%	1.834%
7	7.070	434	436	439	rBV	2399354	2127969	18.29%	4.934%
8	7.242	448	451	453	rBV	246405	261403	2.25%	0.606%
9	7.482	469	472	474	rBV	1980829	1854171	15.93%	4.300%
10	8.202	532	535	536	rBV	1278461	1103640	9.48%	2.559%
11	8.225	536	537	539	rVB	212120	152241	1.31%	0.353%
12	9.276	626	629	631	rBV	3423648	2892248	24.85%	6.707%
13	9.665	662	663	665	rBV	159596	200863	1.73%	0.466%
14	9.882	678	682	684	rBV2	131128	151373	1.30%	0.351%
15	9.950	686	688	690	rVV	740347	1005136	8.64%	2.331%
16	9.985	690	691	693	rVB	131234	121647	1.05%	0.282%
17	10.385	724	726	727	rVB	175131	140008	1.20%	0.325%
18	10.853	766	767	772	rVB	164348	236484	2.03%	0.548%
19	11.299	804	806	808	rVV	110464	128297	1.10%	0.298%
20	11.448	816	819	822	rBV	635929	1460934	12.55%	3.388%
21	11.516	822	825	827	rVB	162714	157953	1.36%	0.366%
22	11.676	835	839	842	rBV2	93603	142431	1.22%	0.330%
23	11.734	842	844	846	rVB	130432	123272	1.06%	0.286%
24	12.659	923	925	927	rVB	568968	607175	5.22%	1.408%
25	12.888	942	945	948	rBV	506589	690021	5.93%	1.600%
26	13.025	955	957	960	rBV	1871785	2114689	18.17%	4.904%
27	13.254	975	977	981	rBV2	118984	185283	1.59%	0.430%
28	13.597	1005	1007	1009	rBV	137950	156355	1.34%	0.363%
29	13.928	1034	1036	1039	rVB	201166	236785	2.03%	0.549%
30	14.088	1047	1050	1053	rBV2	677707	1290932	11.09%	2.993%
31	14.545	1088	1090	1093	rVB	207801	233186	2.00%	0.541%
32	15.117	1138	1140	1144	rBV	190752	432864	3.72%	1.004%
33	15.185	1144	1146	1154	rVB2	312845	704422	6.05%	1.633%
34	15.540	1175	1177	1188	rVB2	425638	985571	8.47%	2.285%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

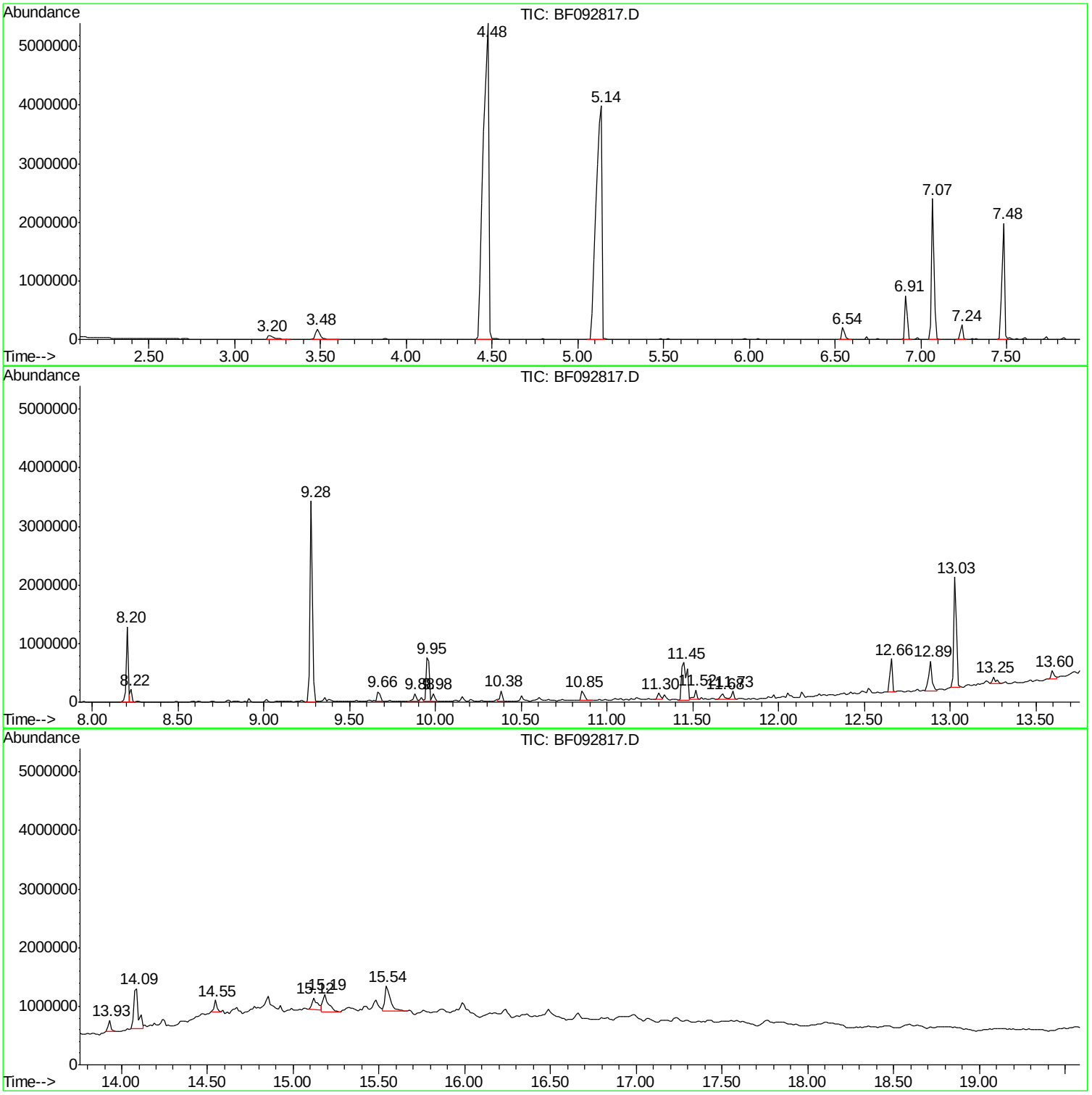
Sum of corrected areas: 43124697

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

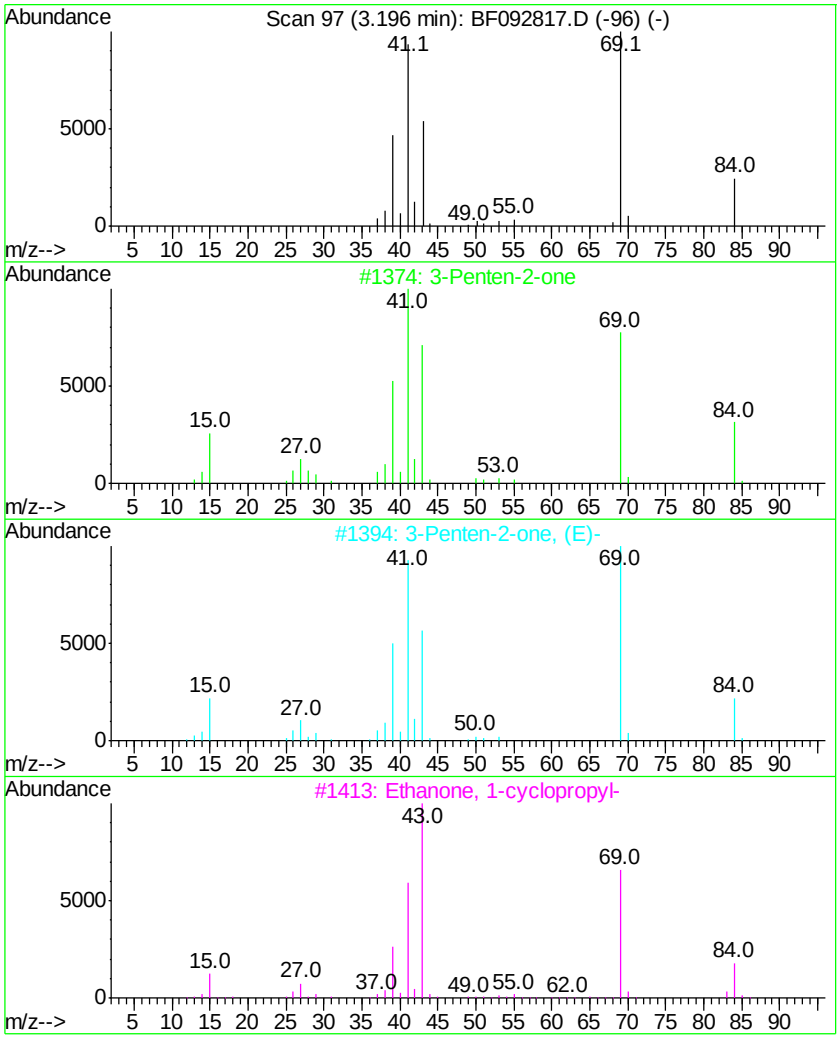
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

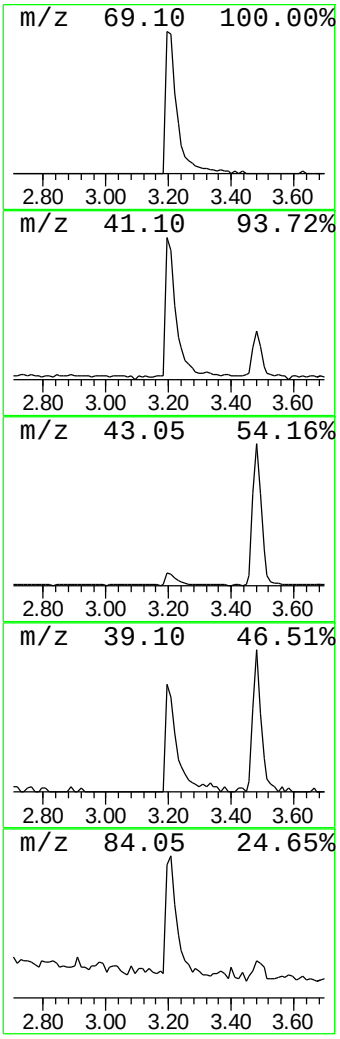
****

Peak Number 1 3-Penten-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.78 ng	149525	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	91
2	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	86
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	64
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	53
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

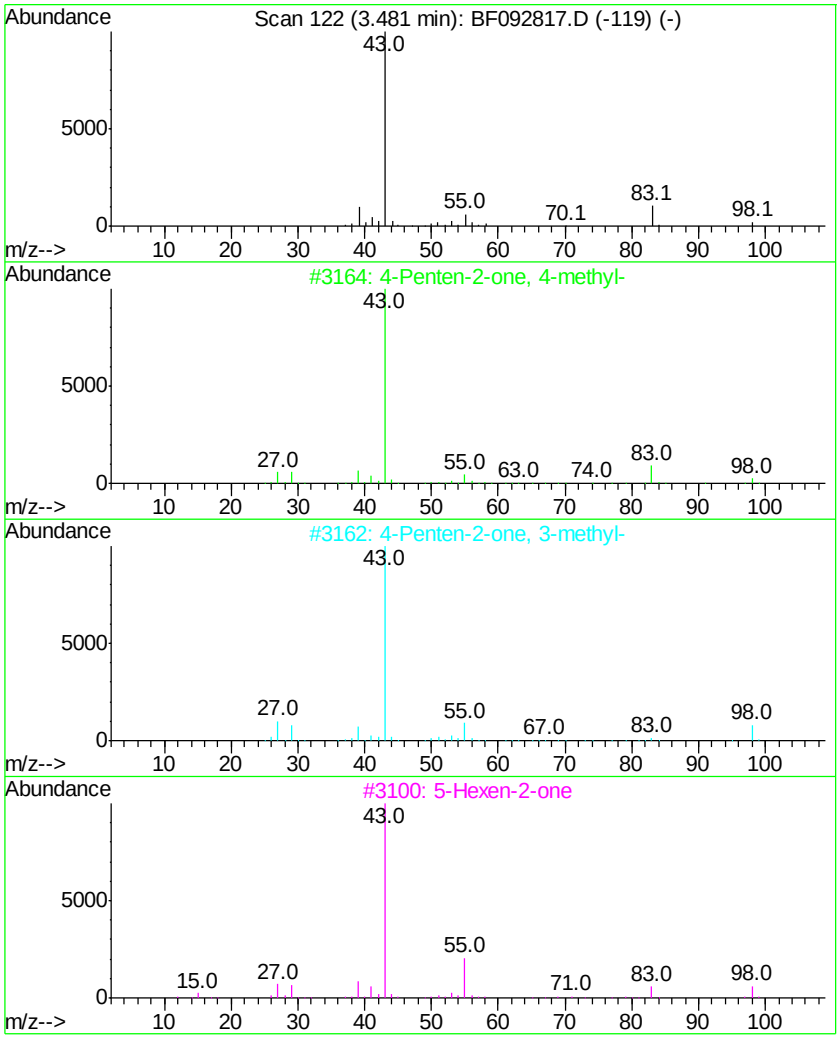
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

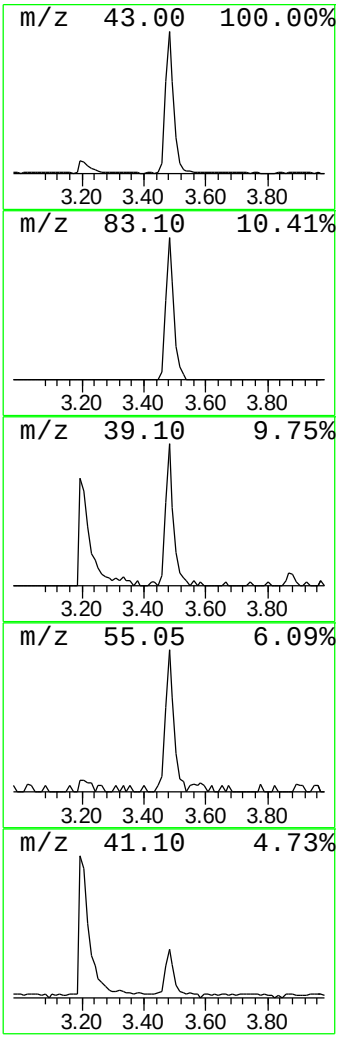
****

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	8.23 ng	325301	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	47
3	5-Hexen-2-one	98	C6H10O	000109-49-9	38
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

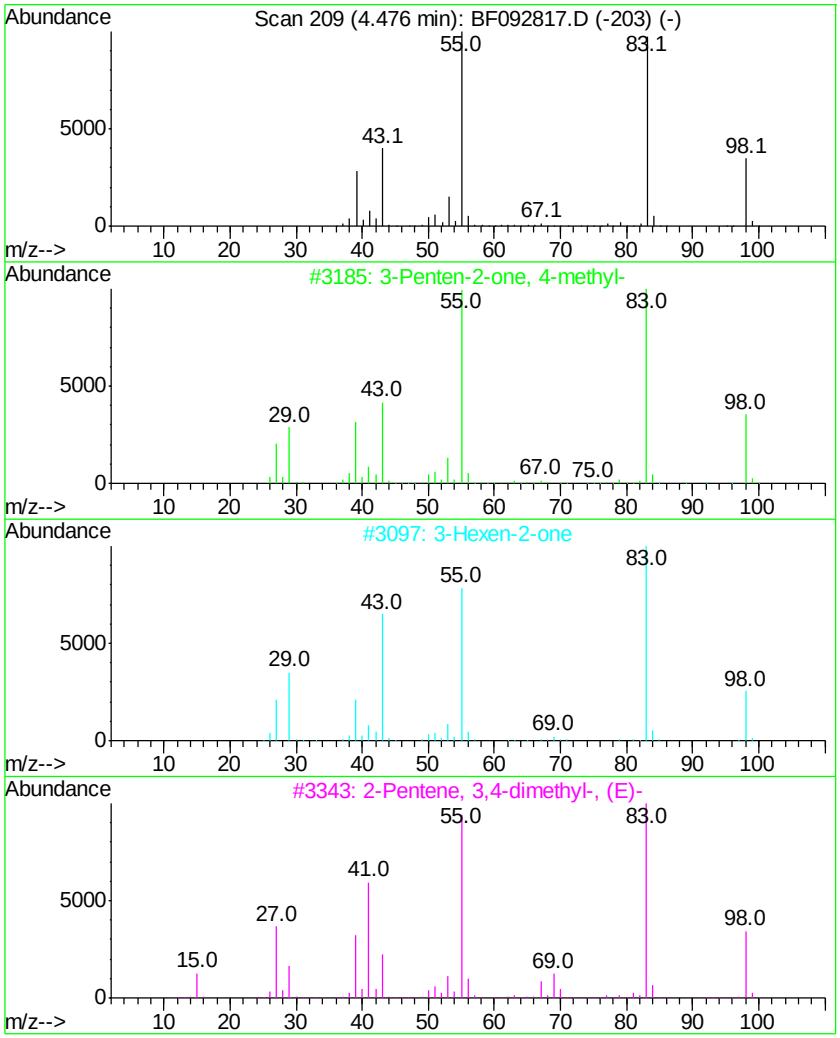
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

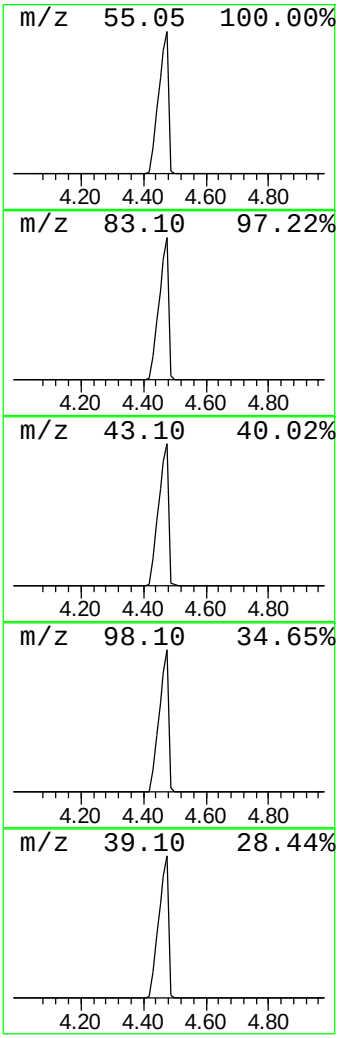
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	294.26 ng	11637500	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
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, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

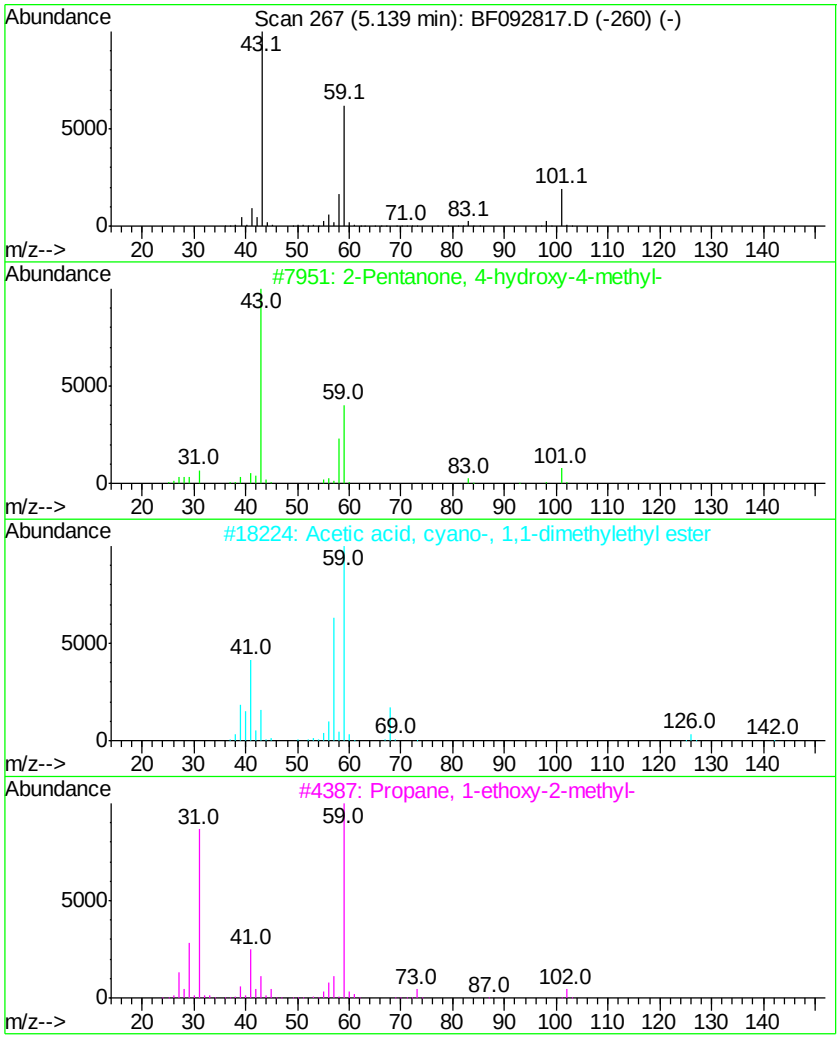
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

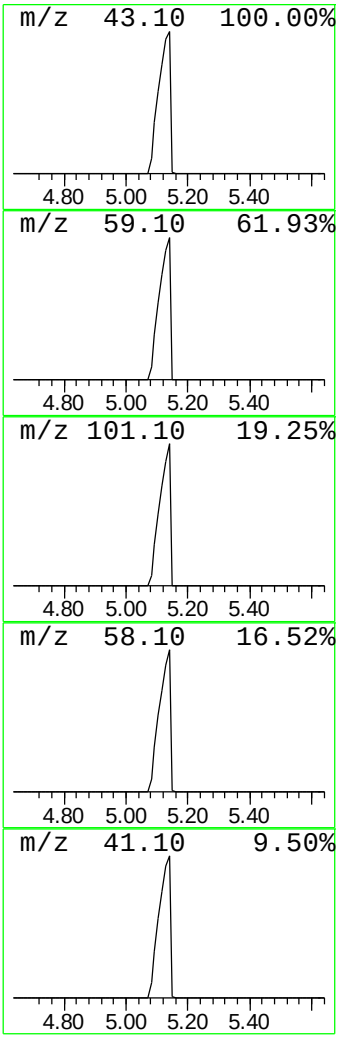
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	254.96 ng	10083200	1,4-Dichlorobenzene-d4	6.91

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

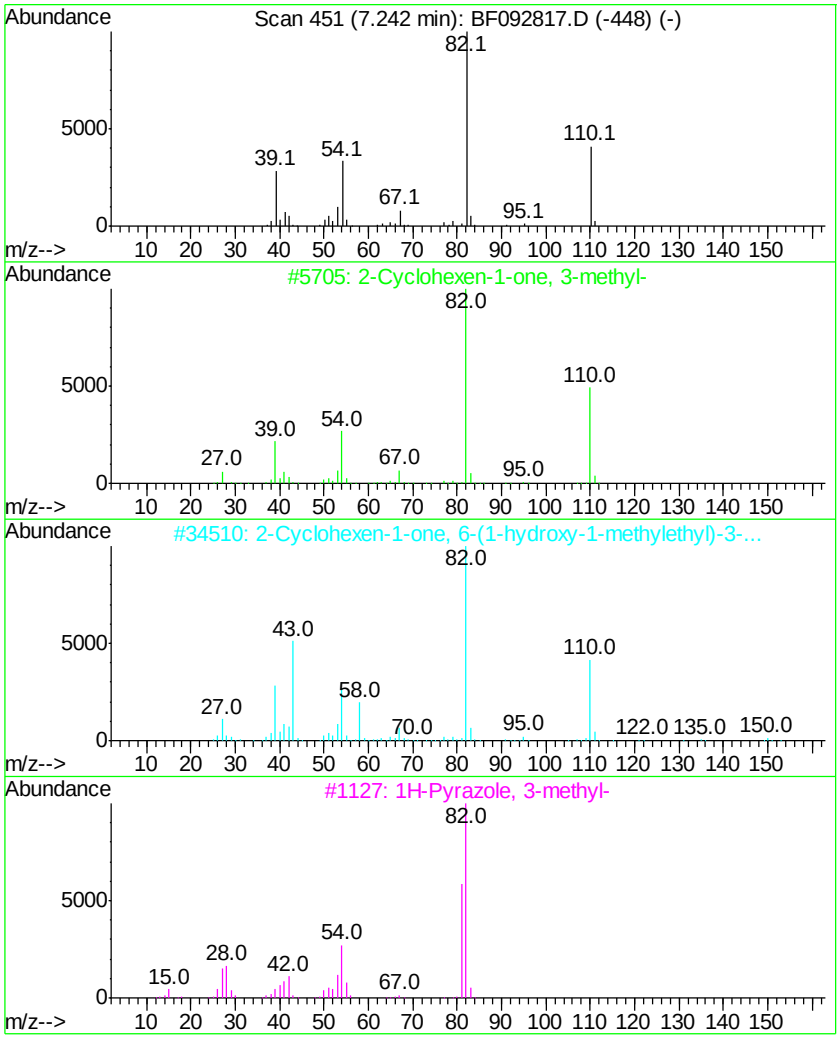
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

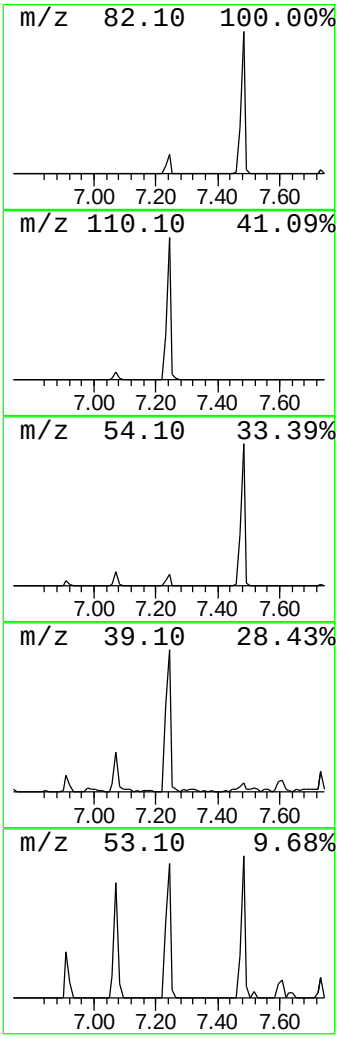
****

Peak Number 6 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	6.61 ng	261403	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	74
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	42
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	40
5	Betazole	111	C5H9N3	000105-20-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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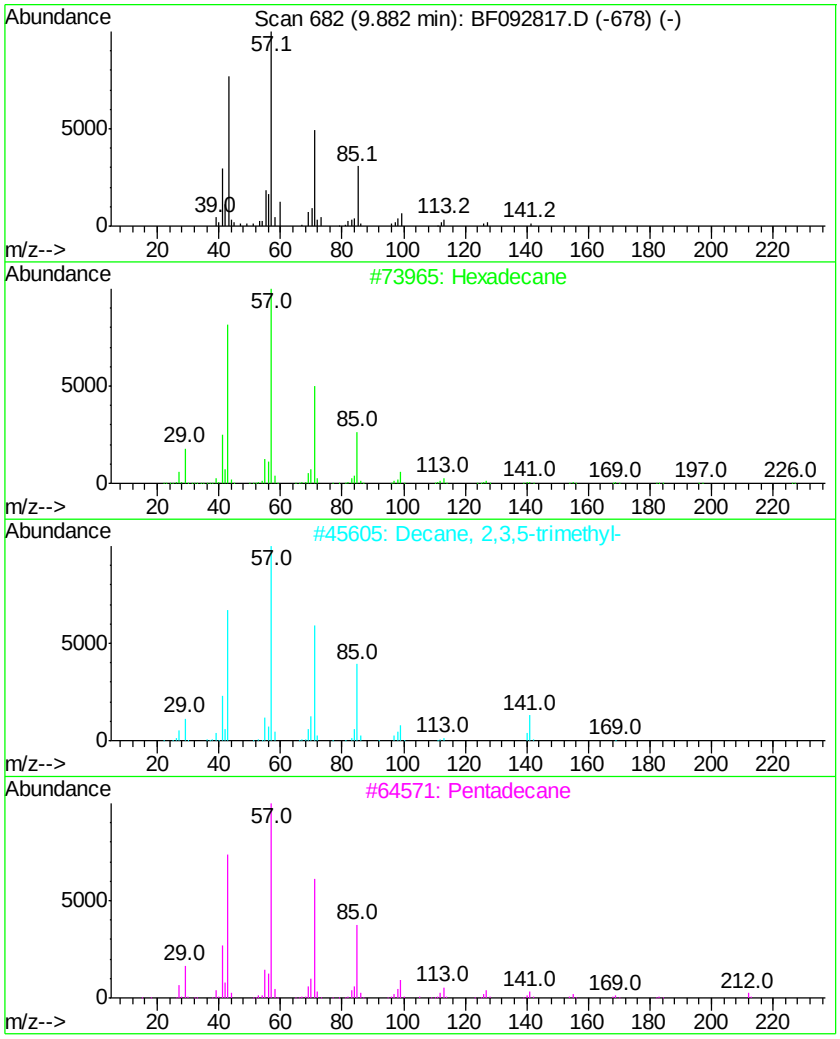
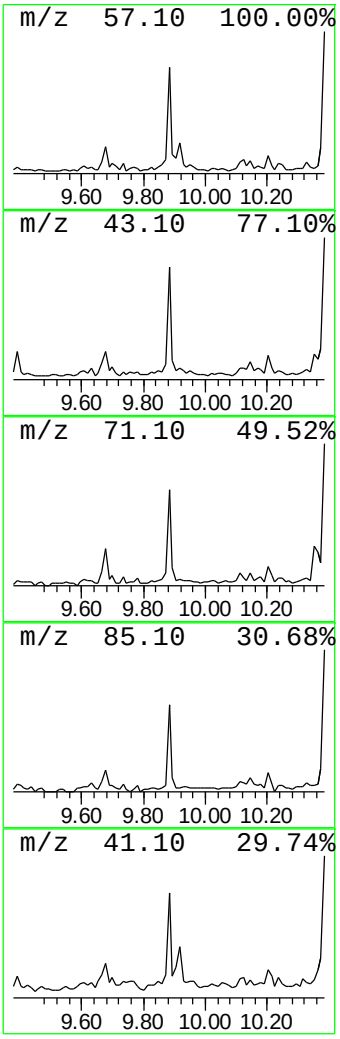
Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	3.01 ng	151373	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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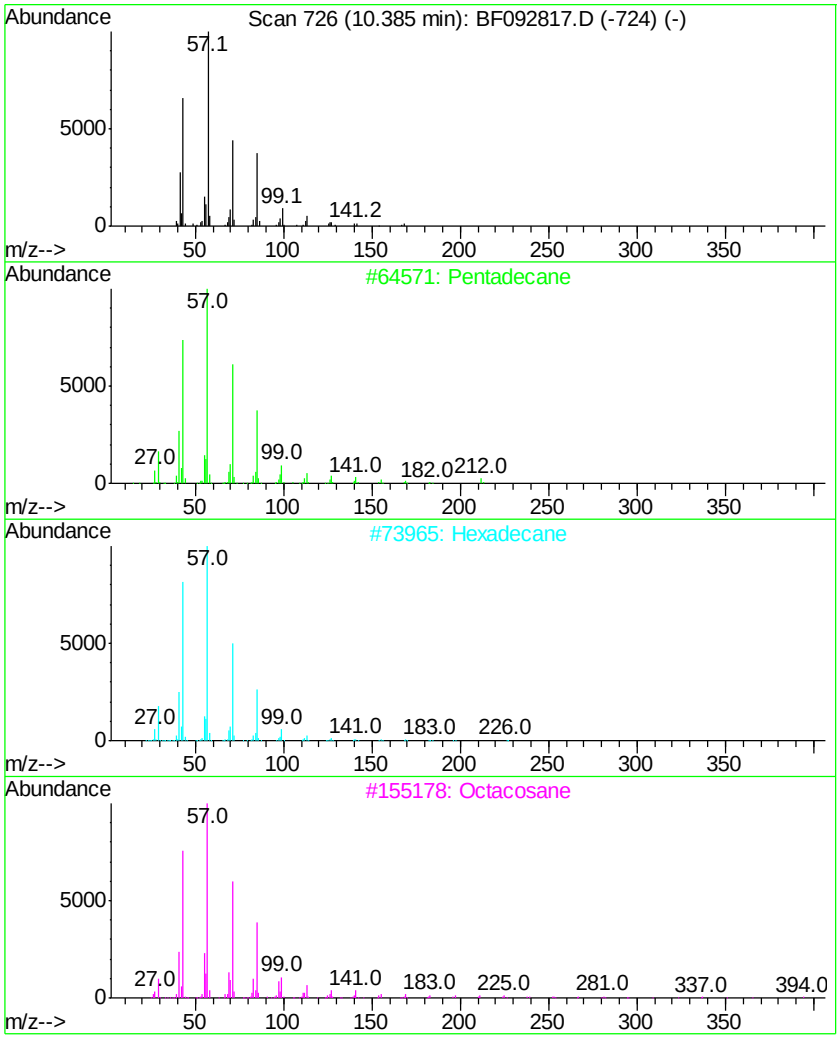
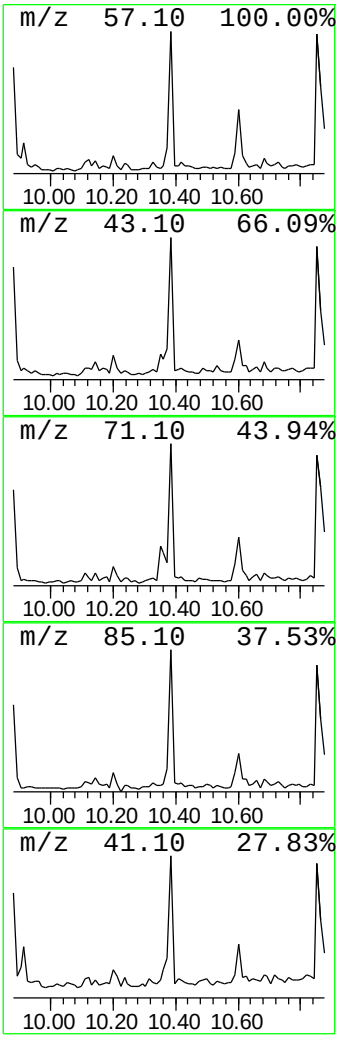
Peak Number 8 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.79 ng	140008	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
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Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

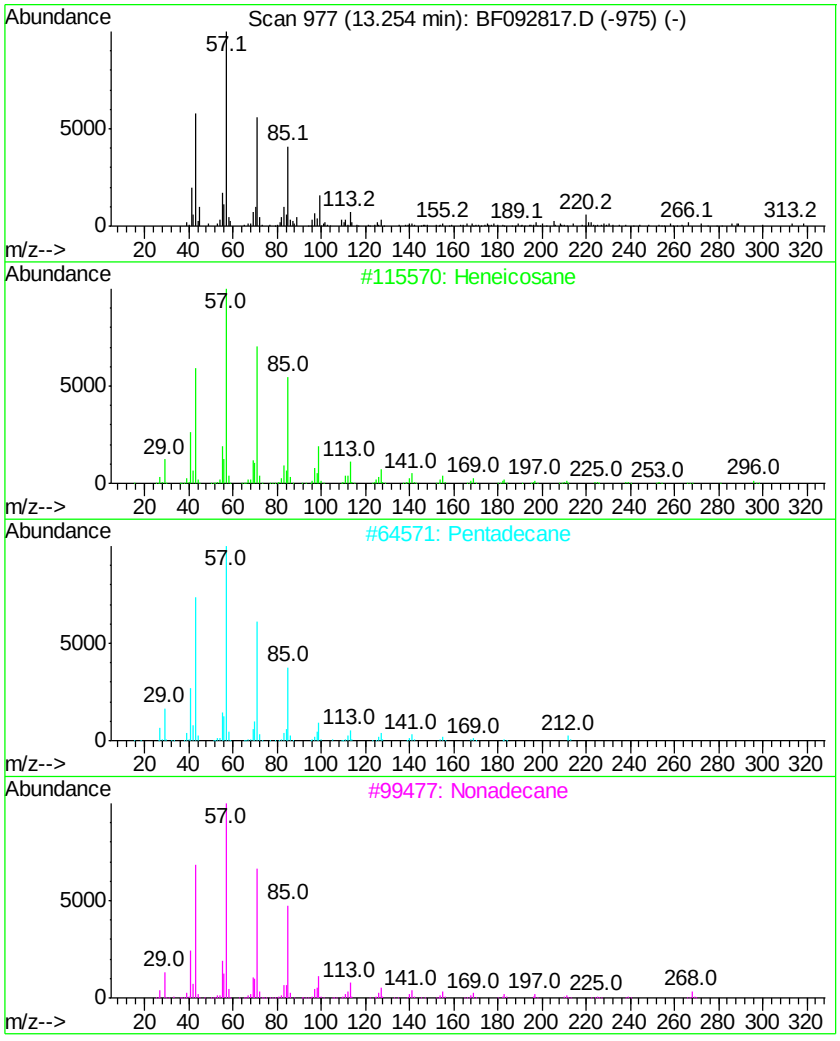
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

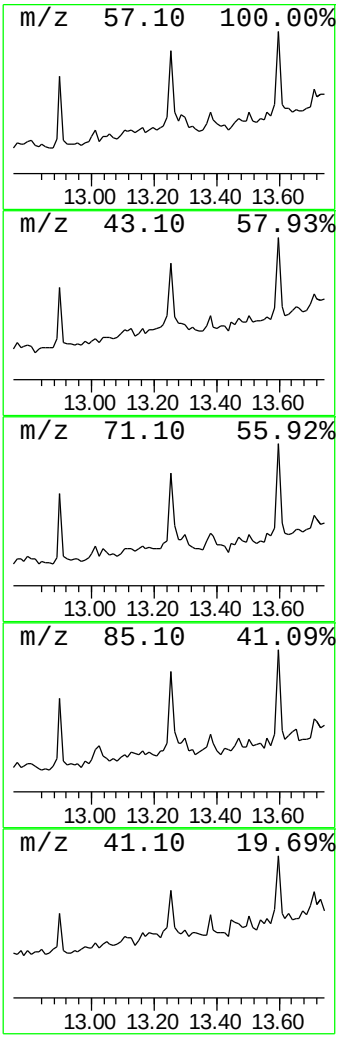
****

Peak Number 10 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.87 ng	185283	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Pentadecane	212	C15H32	000629-62-9	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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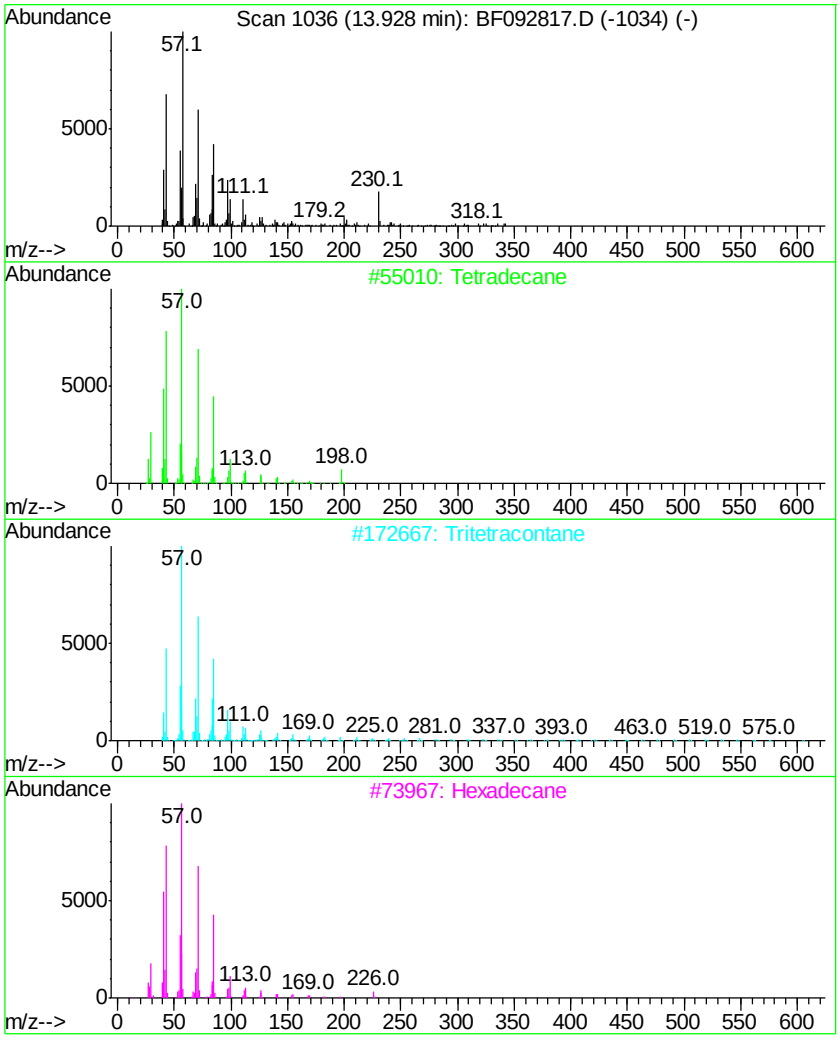
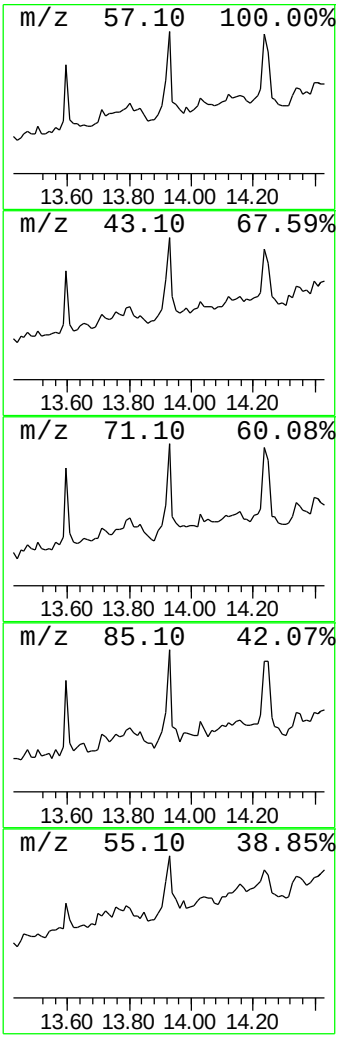
Peak Number 12 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.67 ng	236785	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tritetracontane	605	C43H88	007098-21-7	83
3	Hexadecane	226	C16H34	000544-76-3	62
4	Nonadecane	268	C19H40	000629-92-5	62
5	Heptadecane	240	C17H36	000629-78-7	58





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Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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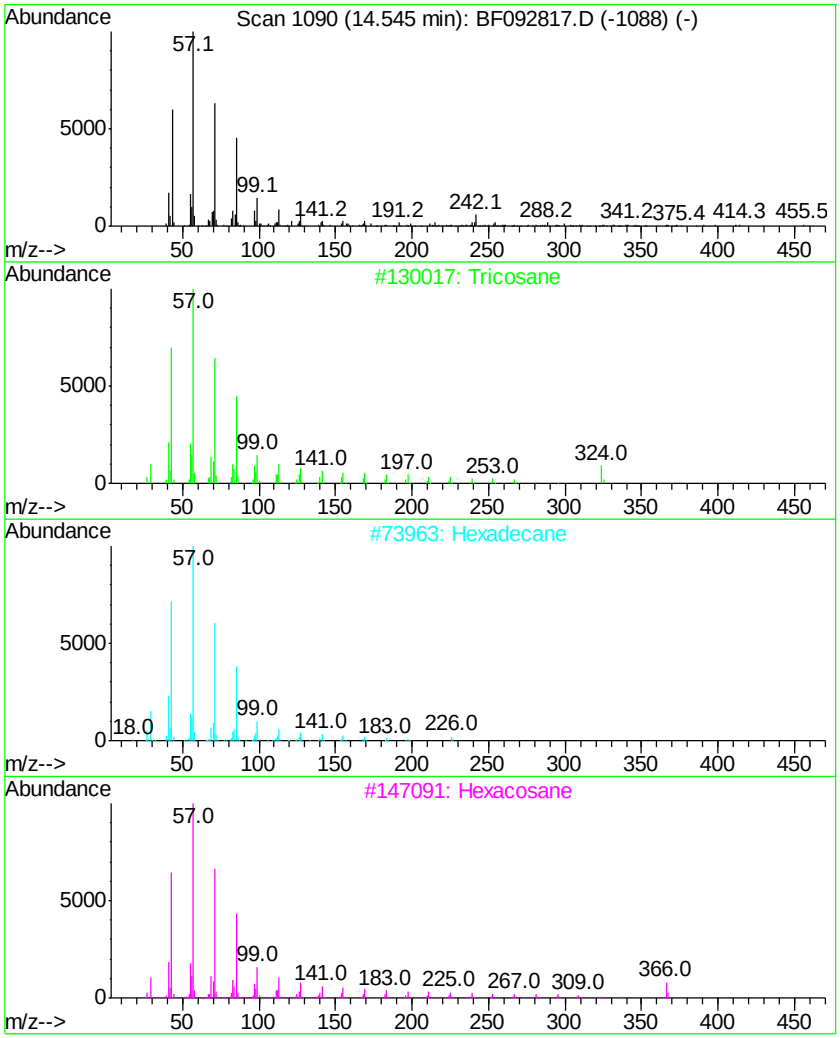
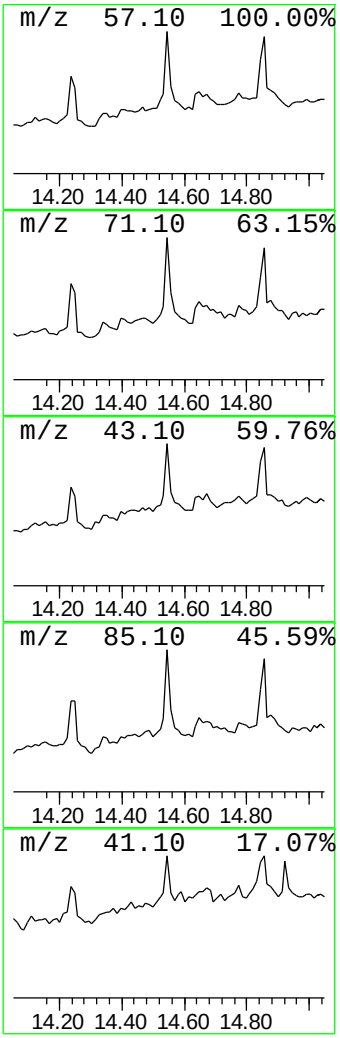
Peak Number 13 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.61 ng	233186	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octadecane	254	C18H38	000593-45-3	83
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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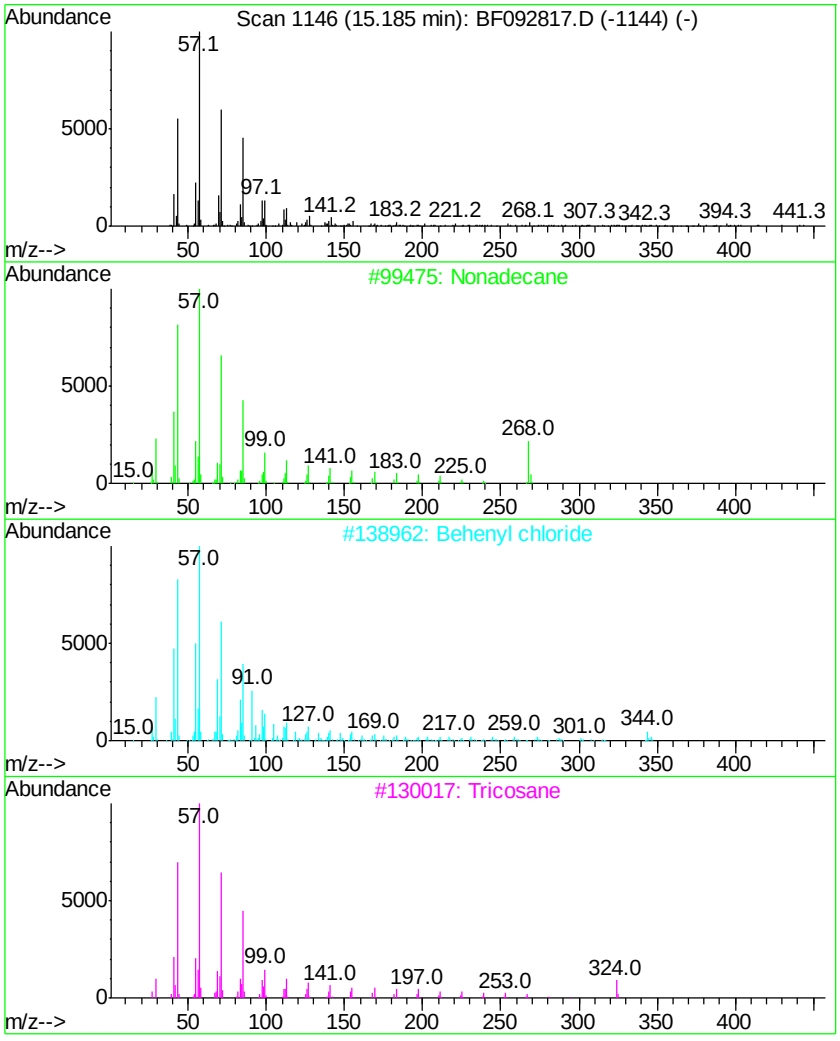
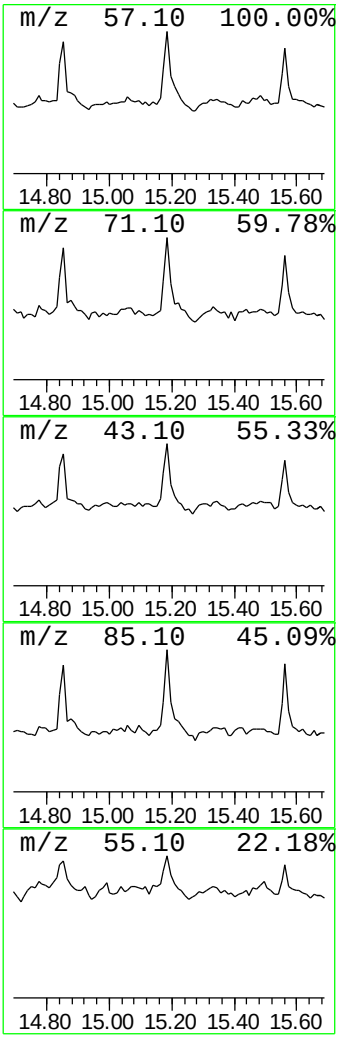
Peak Number 14 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	14.29 ng	704422	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Behenyl chloride	344	C22H45Cl	042217-03-8	90
3	Tricosane	324	C23H48	000638-67-5	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092817.D
Acq On : 7 Feb 2017 1:05
Operator : SJ/MA
Sample : I1701-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
3-Penten-2-one	3.20	3.8	ng	149525	1	6.91	790974	20.0
4-Penten-2-one, 4...	3.48	8.2	ng	325301	1	6.91	790974	20.0
3-Penten-2-one, 4...	4.48	294.3	ng	11637500	1	6.91	790974	20.0
2-Pentanone, 4-hy...	5.14	255.0	ng	10083200	1	6.91	790974	20.0
2-Cyclohexen-1-on...	7.24	6.6	ng	261403	1	6.91	790974	20.0
Hexadecane	9.88	3.0	ng	151373	3	9.96	1005140	20.0
Pentadecane	10.38	2.8	ng	140008	3	9.96	1005140	20.0
Heneicosane	13.25	2.9	ng	185283	5	14.09	1290930	20.0
Tetradecane	13.93	3.7	ng	236785	5	14.09	1290930	20.0
Tricosane	14.55	3.6	ng	233186	5	14.09	1290930	20.0
Nonadecane	15.19	14.3	ng	704422	6	15.54	985571	20.0