LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094124.D
Acq On : 3 Apr 2017 16:48
Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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-BF032217.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	2.857	160	165	172	rVB	671263	755953	3.25%	1.211%
2	3.546	268	282	285	rBV	7348944	23230076	100.00%	37.212%
3	4.075	359	372	375	rBV	4603901	10876033	46.82%	17.422%
4	5.481	607	611	618	rBV	635125	631378	2.72%	1.011%
5	5.887	676	680	684	rVB	1107859	1017712	4.38%	1.630%
6	5.975	689	695	698	rBV	2495799	2483165	10.69%	3.978%
7	6.063	705	710	714	rVB	2867394	2885693	12.42%	4.623%
8	6.251	738	742	745	rBV	504099	434652	1.87%	0.696%
9	6.534	784	790	793	rBV	2094236	2293165	9.87%	3.673%
10	7.386	930	935	939	rBV	1434359	1390152	5.98%	2.227%
11	8.716	1154	1161	1164	rBV	3773438	4328025	18.63%	6.933%
12	9.204	1239	1244	1248	rBV	339928	336789	1.45%	0.540%
13	9.527	1291	1299	1309	rBV2	1481458	1625687	7.00%	2.604%
14	11.351	1604	1609	1613	rBV	1446985	1552144	6.68%	2.486%
15	13.339	1940	1947	1950	rBV	3385626	4038984	17.39%	6.470%
16	13.680	1999	2005	2009	rBV	288985	300244	1.29%	0.481%
17	14.104	2073	2077	2081	rBV	347457	329279	1.42%	0.527%
18	14.510	2140	2146	2157	rBV	388739	492509	2.12%	0.789%
19	14.604	2157	2162	2166	rBV	1344182	1446729	6.23%	2.318%
20	14.904	2209	2213	2217	rBV	314466	314814	1.36%	0.504%
21	15.280	2272	2277	2282	rBV	292845	309389	1.33%	0.496%
22	15.645	2335	2339	2346	rVB	230158	256368	1.10%	0.411%
23	16.233	2434	2439	2448	rVB	881125	1096934	4.72%	1.757%

Sum of corrected areas: 62425874

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094124.D
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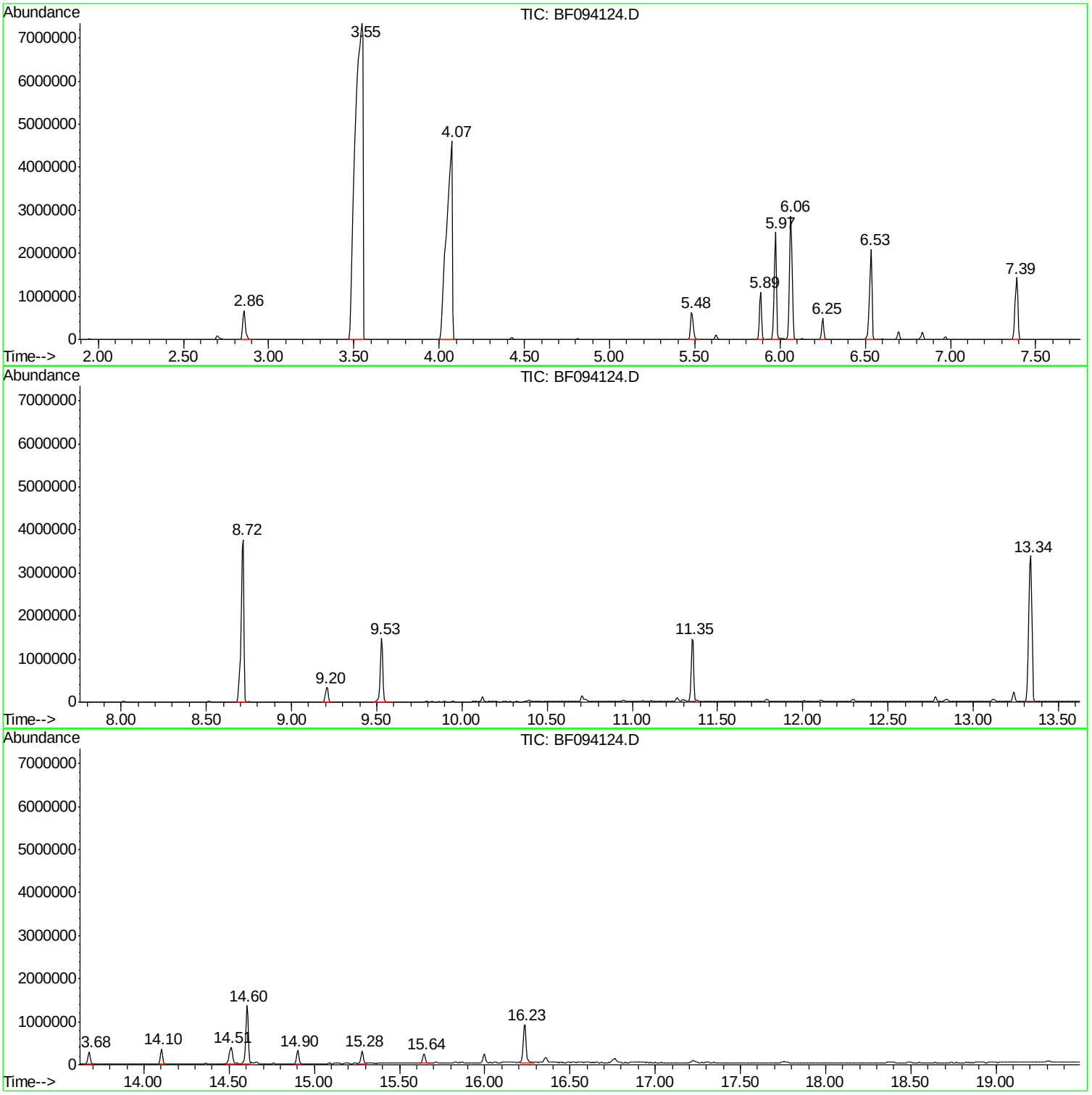
Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094124.D
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Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

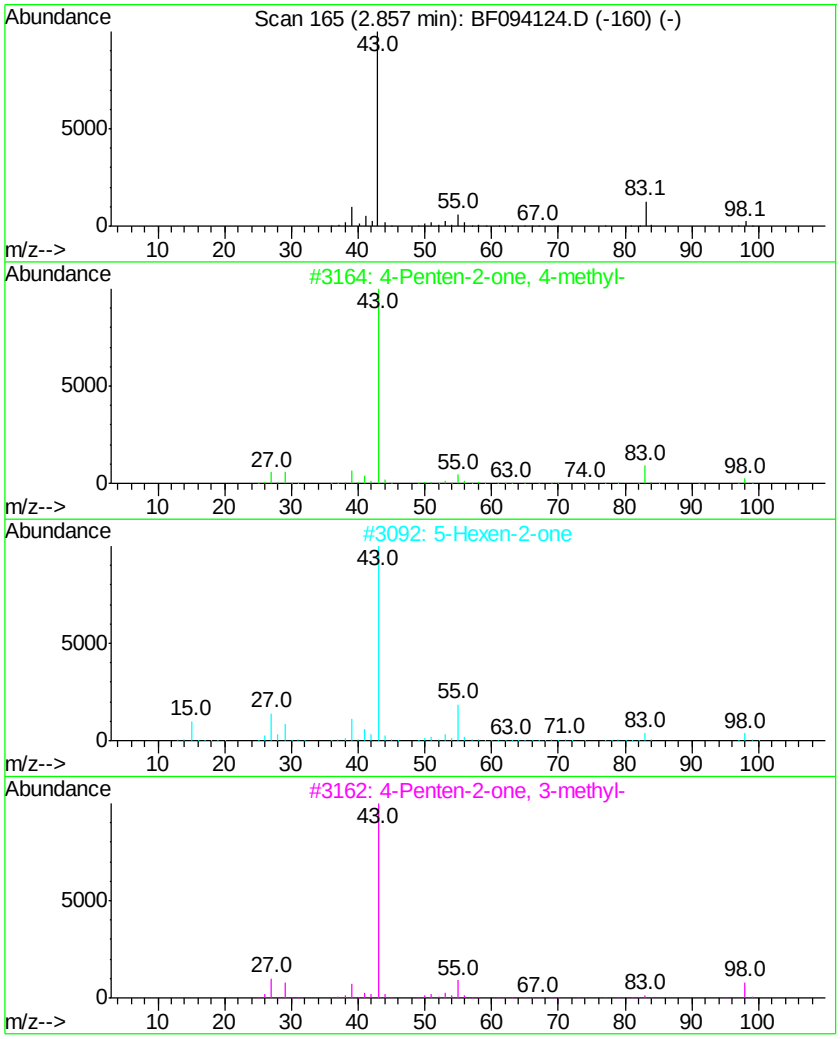
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

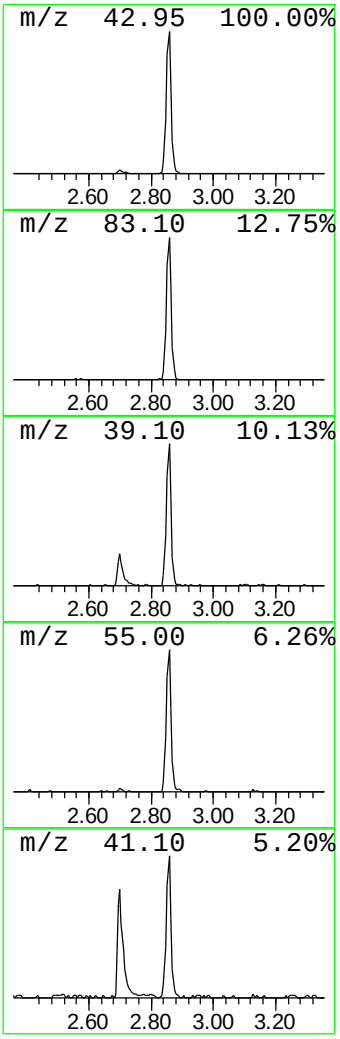
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	14.86 ng	755953	1,4-Dichlorobenzene-d4	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	50
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
5	Pent-3-enylamine	85	C5H11N	087156-70-5	9





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Acq On : 3 Apr 2017 16:48
Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

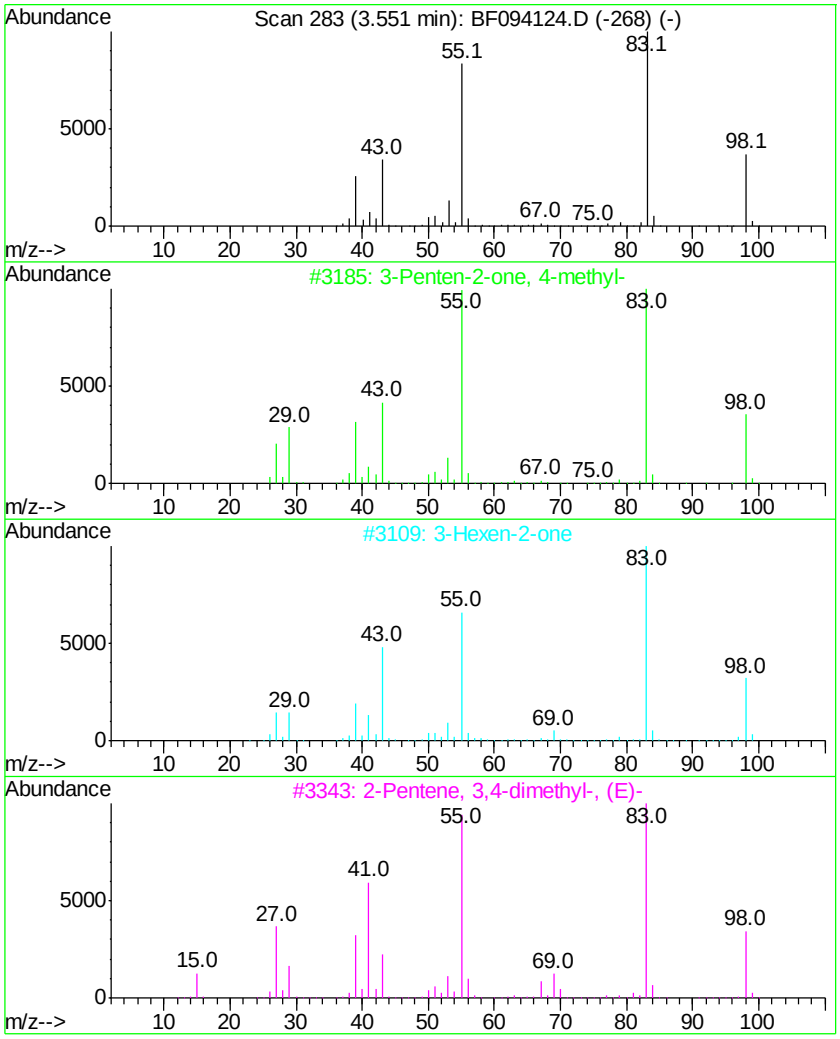
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

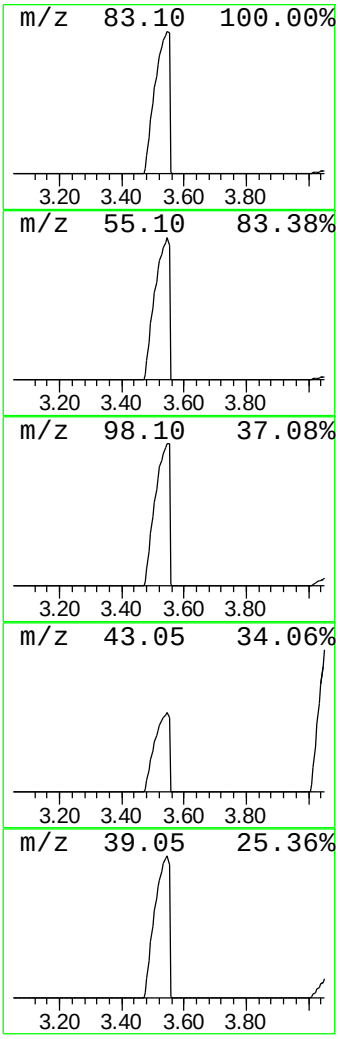
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	456.52 ng	23230100	1,4-Dichlorobenzene-d4	5.89

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, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Acq On : 3 Apr 2017 16:48
Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

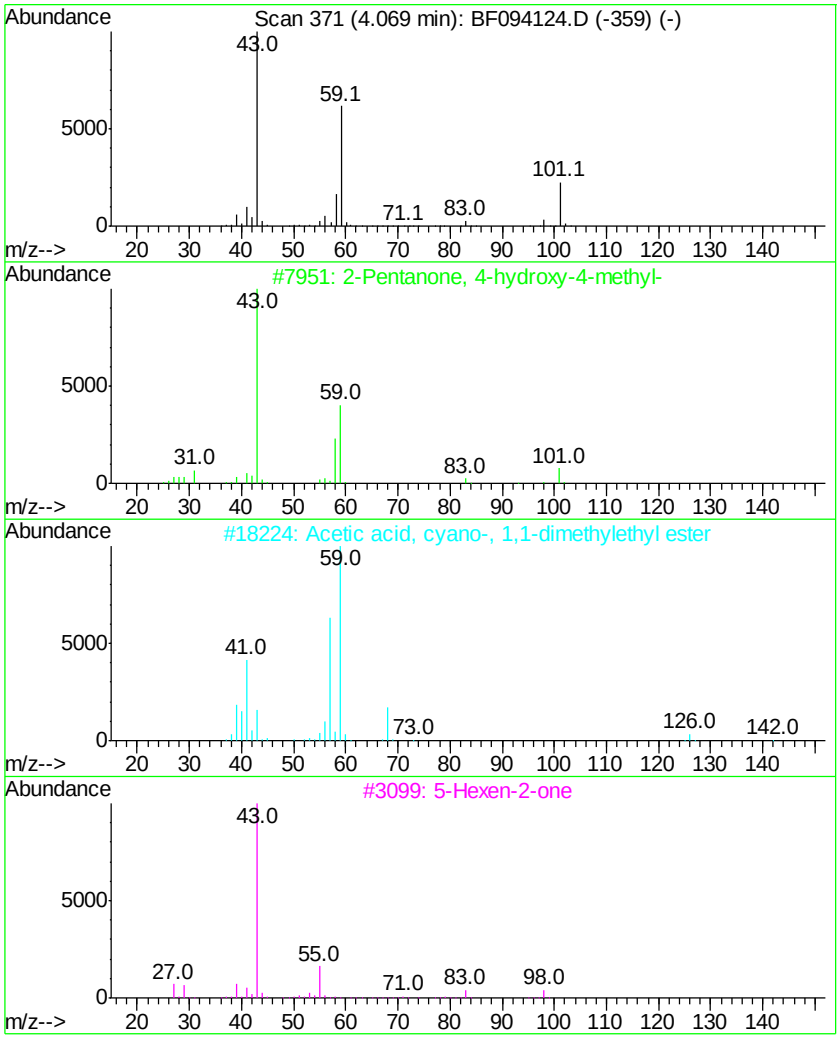
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

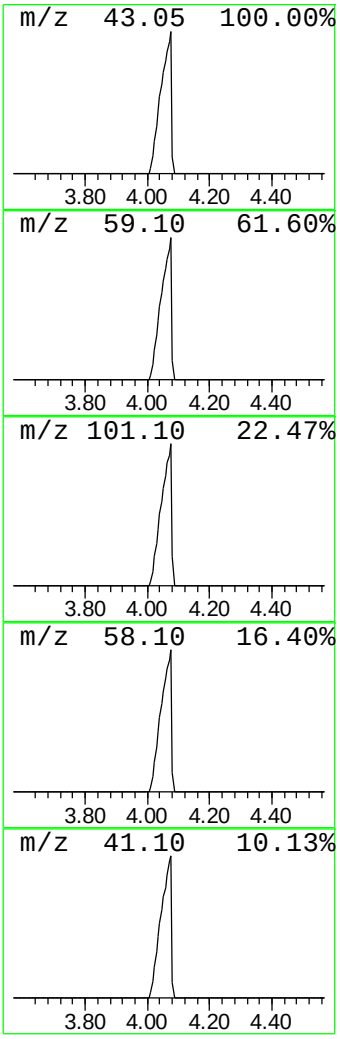
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	213.74 ng	10876000	1,4-Dichlorobenzene-d4	5.89

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	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Operator : SJ/MA
Sample : I2501-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

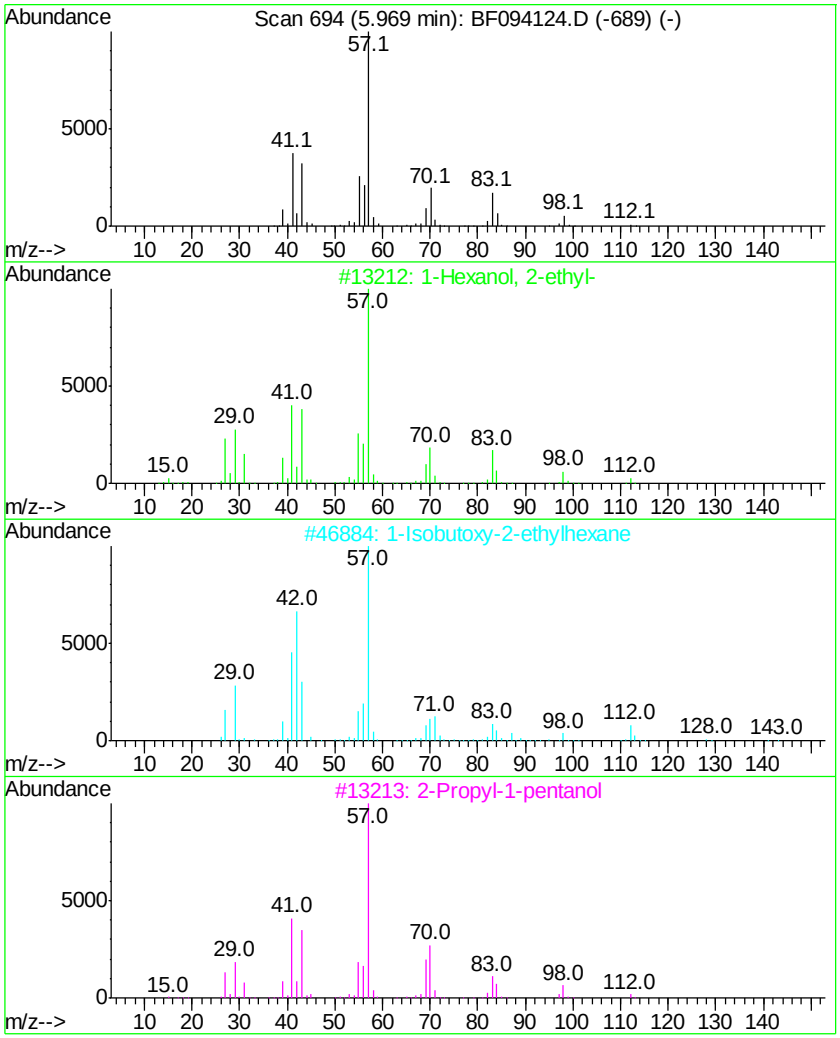
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

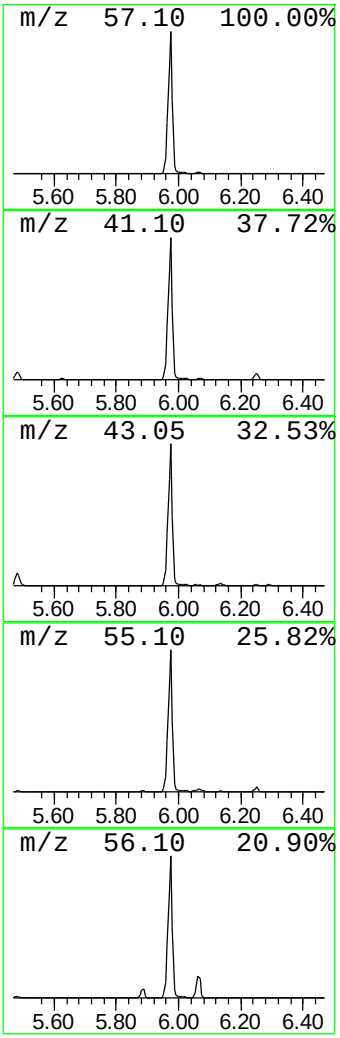
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	48.80 ng	2483170	1,4-Dichlorobenzene-d4	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	50
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





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Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

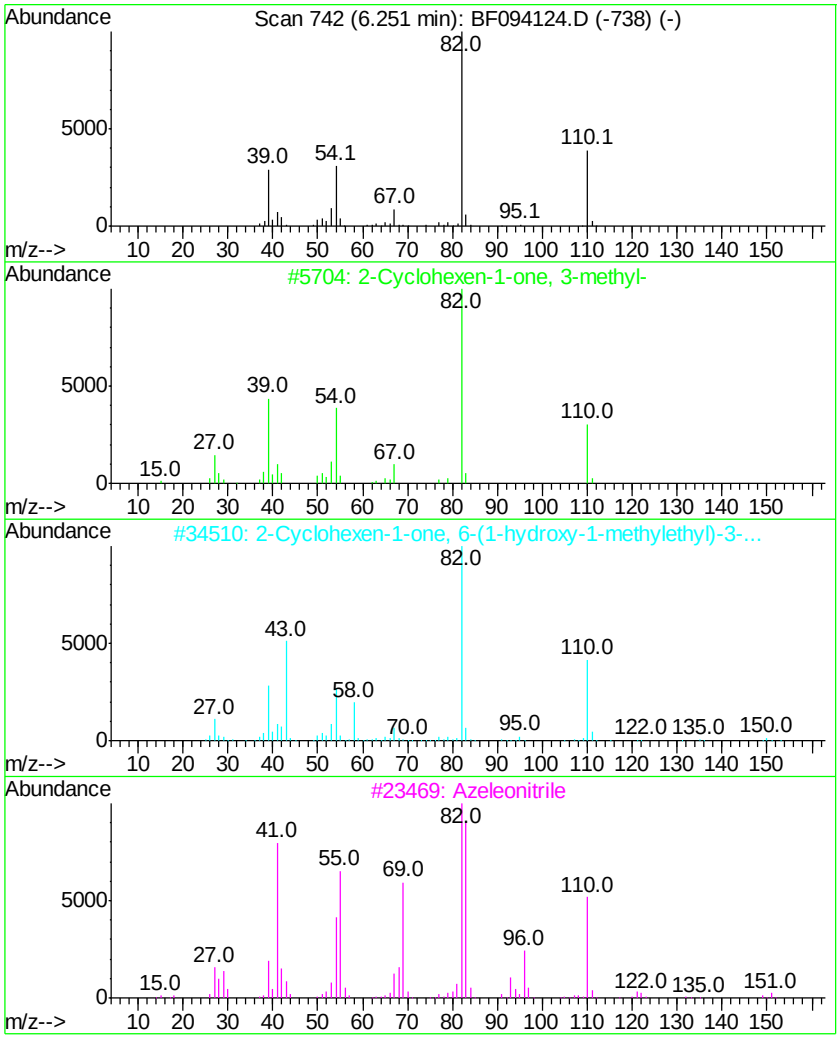
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

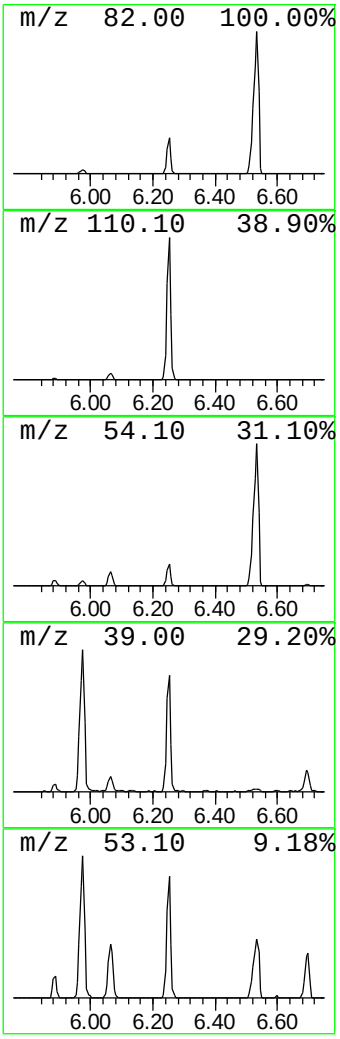
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	8.54 ng	434652	1,4-Dichlorobenzene-d4	5.89

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	64
3	Azeleonitrile	150	C9H14N2	001675-69-0	56
4	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	42
5	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	38





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Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

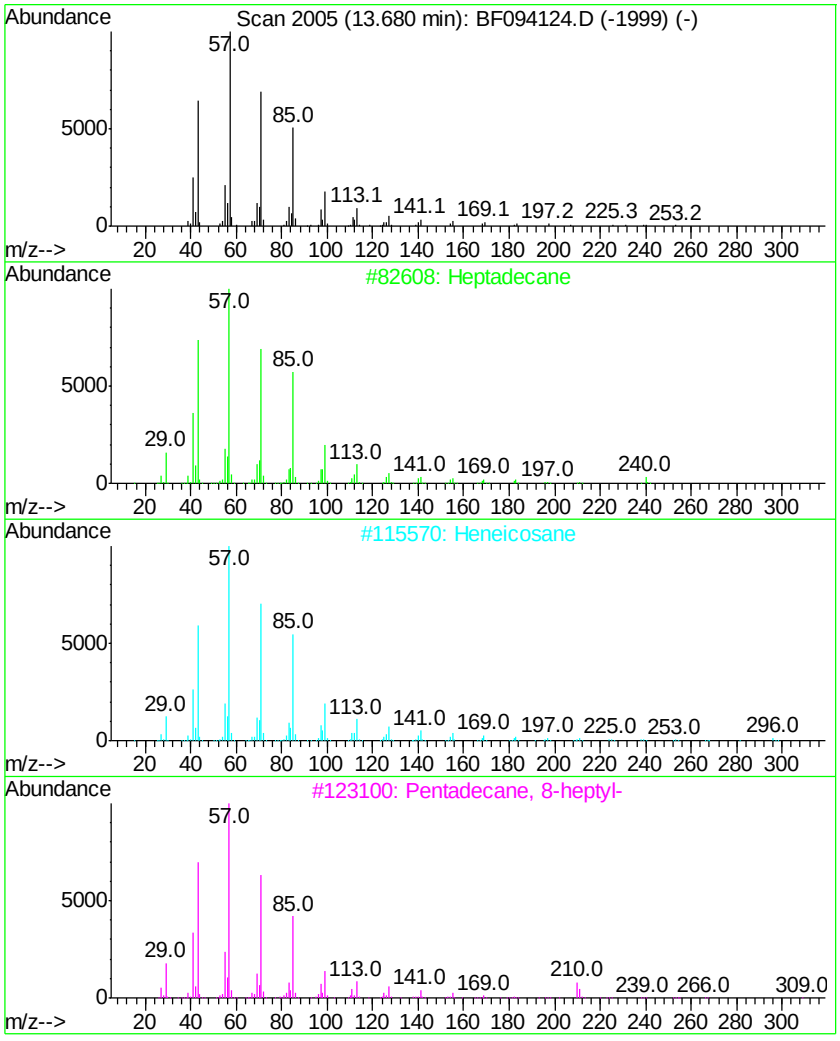
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

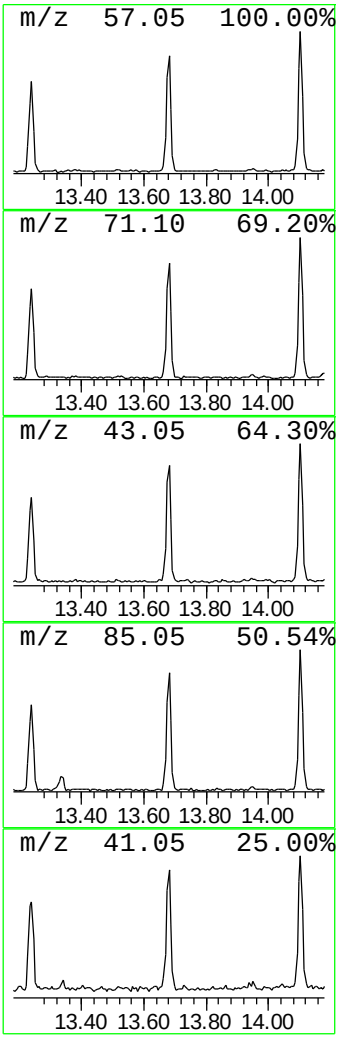
****

Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	4.15 ng	300244	Chrysene-d12	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Triacontane	422	C30H62	000638-68-6	90





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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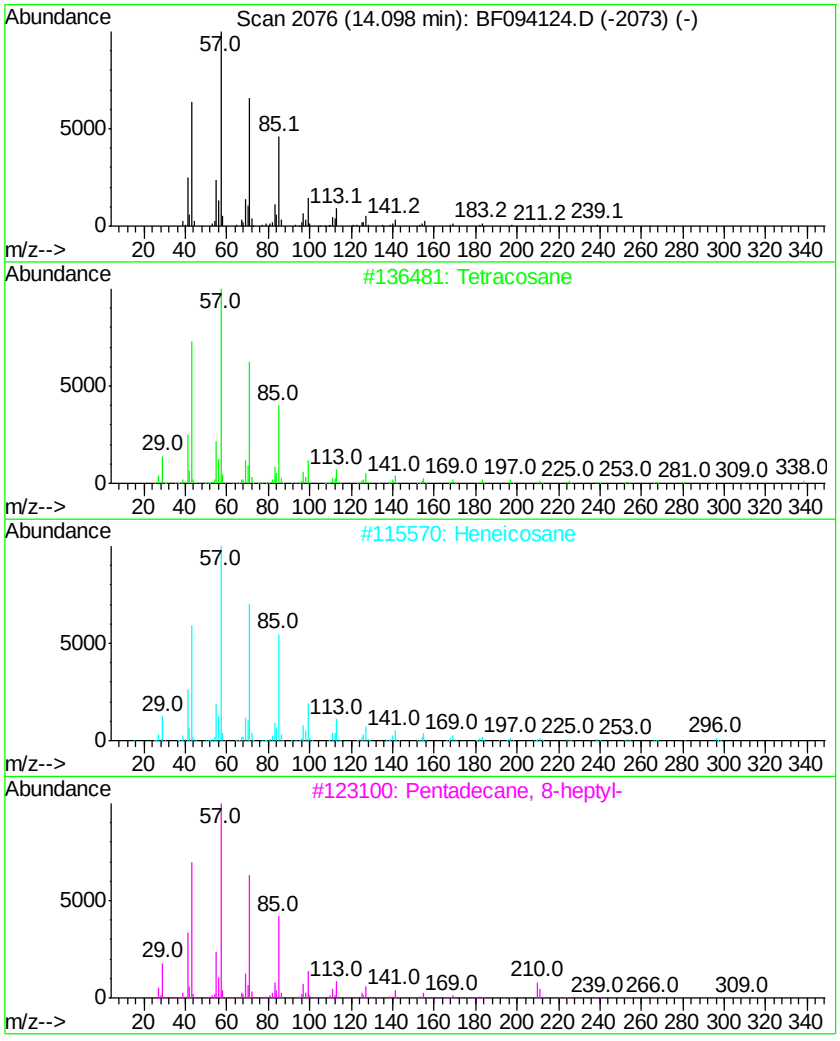
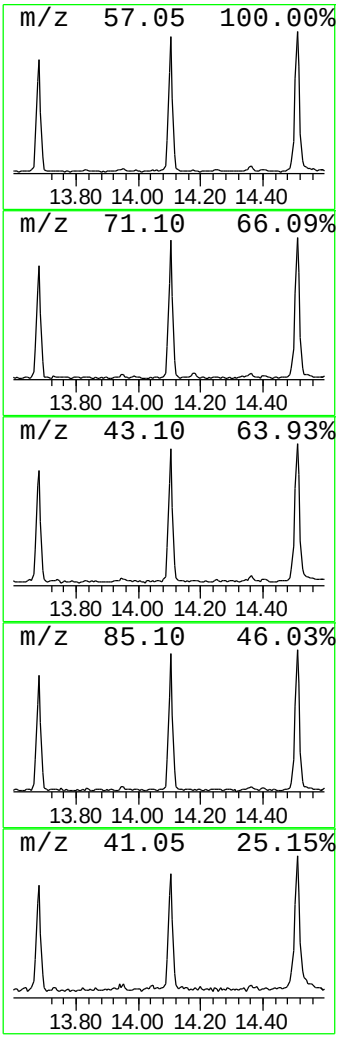
****

Peak Number 8 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.55 ng	329279	Chrysene-d12	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octadecane	254	C18H38	000593-45-3	86





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Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

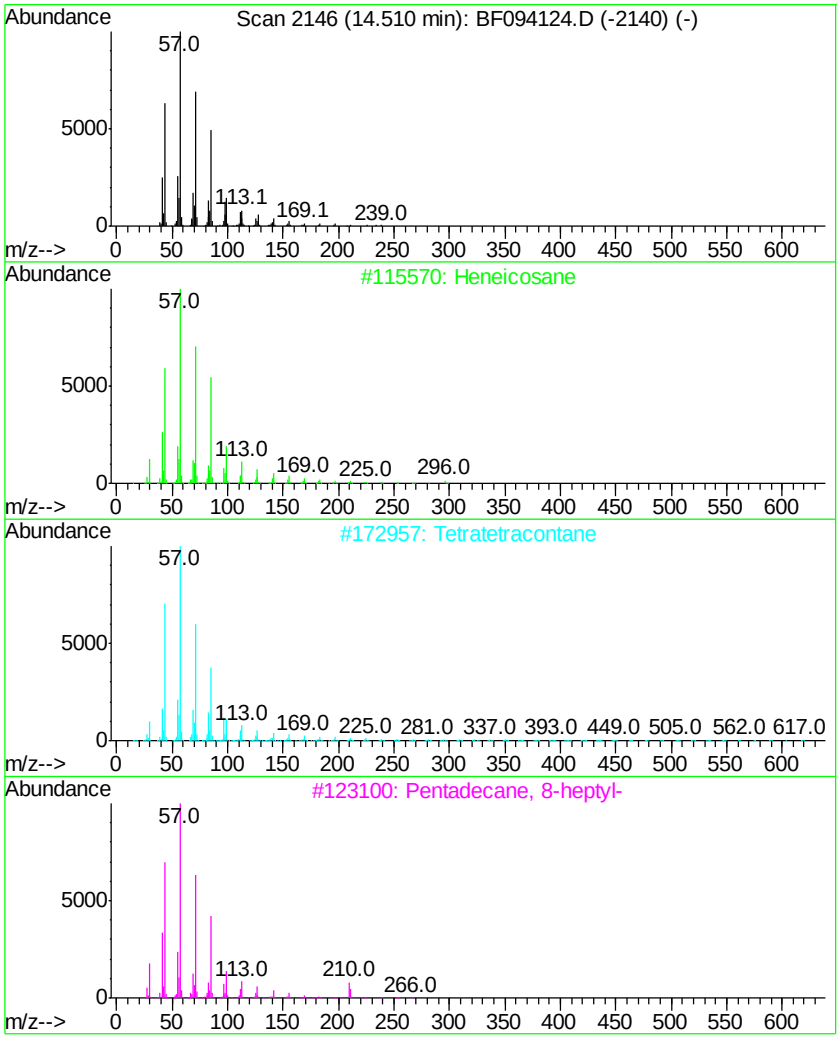
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

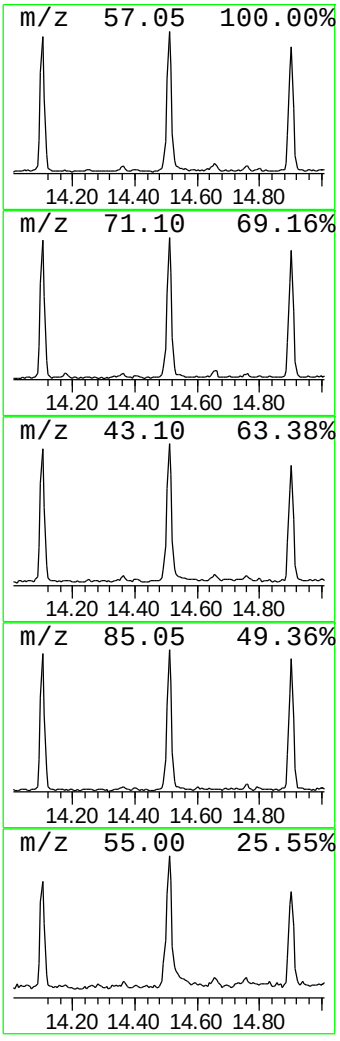
****

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	6.81 ng	492509	Chrysene-d12	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane	254	C18H38	000593-45-3	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

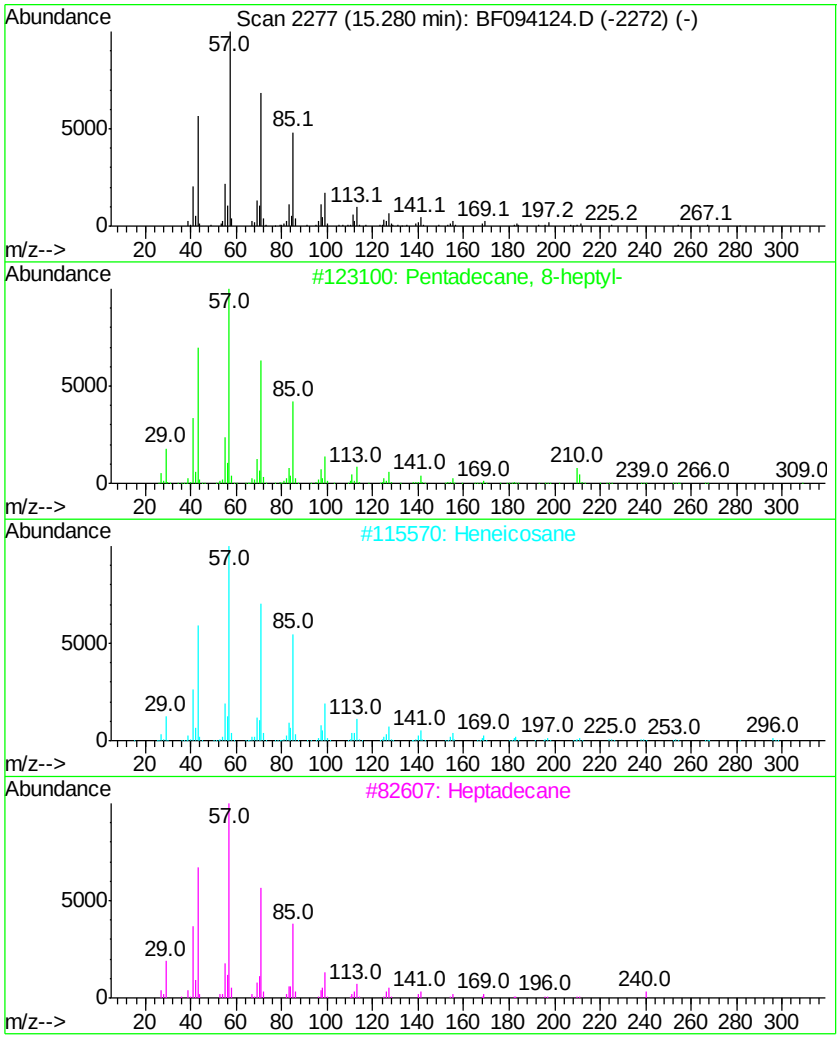
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

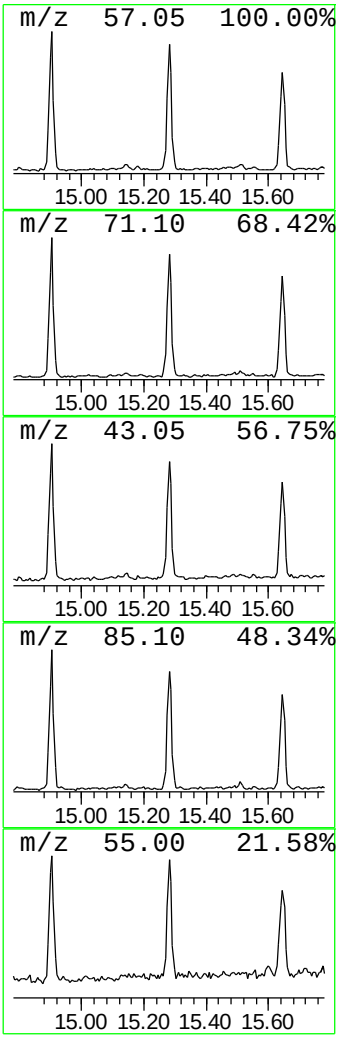
****

Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	4.28 ng	309389	Chrysene-d12	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexadecane	226	C16H34	000544-76-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040317\
Data File : BF094124.D
Acq On : 3 Apr 2017 16:48
Operator : SJ/MA
Sample : I2501-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
4-Penten-2-one, 4...	2.86	14.9	ng	755953	1	5.89	1017710	20.0
3-Penten-2-one, 4...	3.55	456.5	ng	23230100	1	5.89	1017710	20.0
2-Pentanone, 4-hy...	4.07	213.7	ng	10876000	1	5.89	1017710	20.0
1-Hexanol, 2-ethyl-	5.97	48.8	ng	2483170	1	5.89	1017710	20.0
2-Cyclohexen-1-on...	6.25	8.5	ng	434652	1	5.89	1017710	20.0
Heptadecane	13.68	4.2	ng	300244	5	14.60	1446730	20.0
Tetracosane	14.10	4.5	ng	329279	5	14.60	1446730	20.0
Heneicosane	14.51	6.8	ng	492509	5	14.60	1446730	20.0
Pentadecane, 8-he...	15.28	4.3	ng	309389	5	14.60	1446730	20.0