LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084734.D
Acq On : 2 Feb 2016 2:50
Operator : SJ/IZ
Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

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-BF020116.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	4.167	179	182	187	rBV	232251	338817	6.63%	0.715%
2	4.876	240	244	246	rBV	2583447	4010177	78.47%	8.460%
3	5.310	279	282	284	rBV	4307612	4342711	84.97%	9.161%
4	5.710	315	317	319	rBV	280351	241564	4.73%	0.510%
5	6.362	371	374	376	rBV	4166728	4243595	83.04%	8.952%
6	6.476	382	384	387	rBV	3603459	4349325	85.10%	9.175%
7	6.704	402	404	407	rBV	936229	982068	19.22%	2.072%
8	6.864	416	418	421	rVB	3859892	3297895	64.53%	6.957%
9	7.276	451	454	457	rBV	2590024	2641673	51.69%	5.573%
10	7.996	514	517	519	rBV	1614035	1375213	26.91%	2.901%
11	9.082	609	612	614	rBV	4066947	5110597	100.00%	10.781%
12	9.470	644	646	648	rBV	653893	575621	11.26%	1.214%
13	9.688	663	665	668	rBV	94088	100918	1.97%	0.213%
14	9.745	668	670	672	rVB	1634130	1480641	28.97%	3.123%
15	10.190	707	709	711	rVB	162199	126111	2.47%	0.266%
16	10.408	726	728	731	rBV	48154	77359	1.51%	0.163%
17	10.533	736	739	742	rBV	3178756	3185426	62.33%	6.720%
18	10.659	748	750	755	rVB	150186	164905	3.23%	0.348%
19	11.105	788	789	795	rVB	71479	97222	1.90%	0.205%
20	11.231	797	800	802	rVV	1047034	1544402	30.22%	3.258%
21	11.768	844	847	851	rVB2	77102	124992	2.45%	0.264%
22	11.836	851	853	858	rVB2	38033	66014	1.29%	0.139%
23	12.431	903	905	907	rBV	273645	233872	4.58%	0.493%
24	12.659	922	925	927	rBV	243629	272503	5.33%	0.575%
25	12.819	936	939	941	rBV	3919506	4731809	92.59%	9.982%
26	13.379	987	988	994	rVB4	20662	54107	1.06%	0.114%
27	13.722	1016	1018	1027	rBV	505212	925627	18.11%	1.953%
28	13.859	1027	1030	1031	rVV	1050249	1293707	25.31%	2.729%
29	13.882	1031	1032	1034	rVB	80775	59379	1.16%	0.125%
30	14.374	1073	1075	1080	rVB6	23758	60549	1.18%	0.128%
31	14.705	1102	1104	1106	rVB	82411	82238	1.61%	0.173%
32	14.854	1115	1117	1122	rBV	72217	134260	2.63%	0.283%
33	14.945	1122	1125	1127	rVB2	40759	60310	1.18%	0.127%
34	15.174	1143	1145	1148	rBV	41399	56164	1.10%	0.118%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.242	1148	1151	1153	rBV	552501	840482	16.45%	1.773%
36	15.745	1192	1195	1196	rBV3	37883	65146	1.27%	0.137%
37	17.963	1384	1389	1396	rBV5	16386	56903	1.11%	0.120%

Sum of corrected areas: 47404302

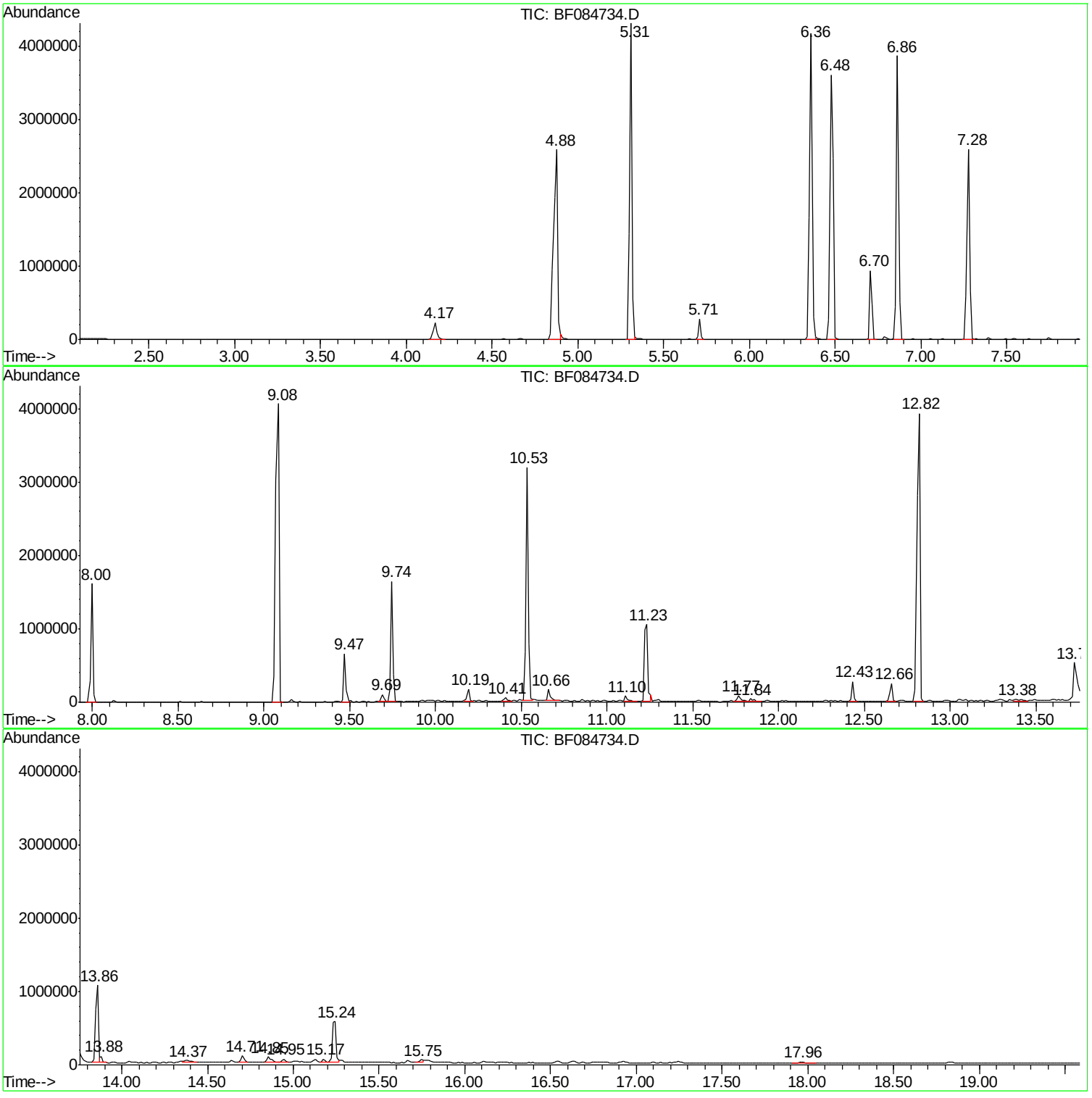
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084734.D
Acq On : 2 Feb 2016 2:50
Operator : SJ/IZ
Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020116\
Data File : BF084734.D
Acq On : 2 Feb 2016 2:50
Operator : SJ/IZ
Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

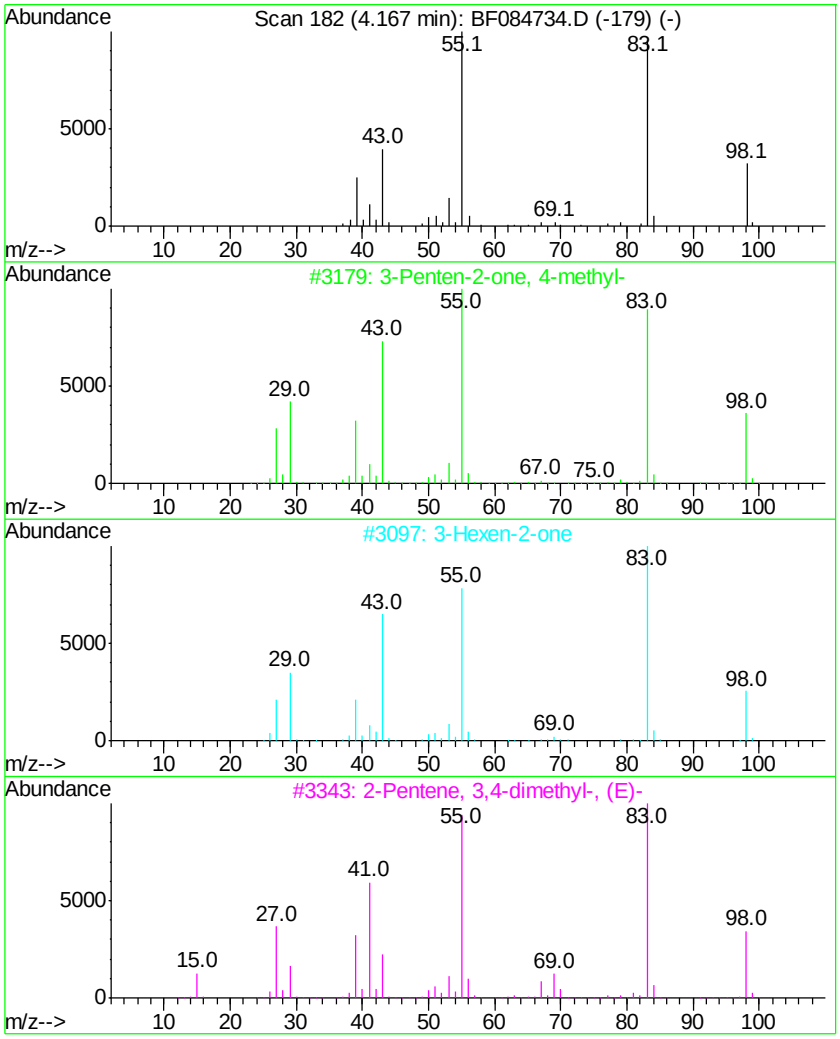
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

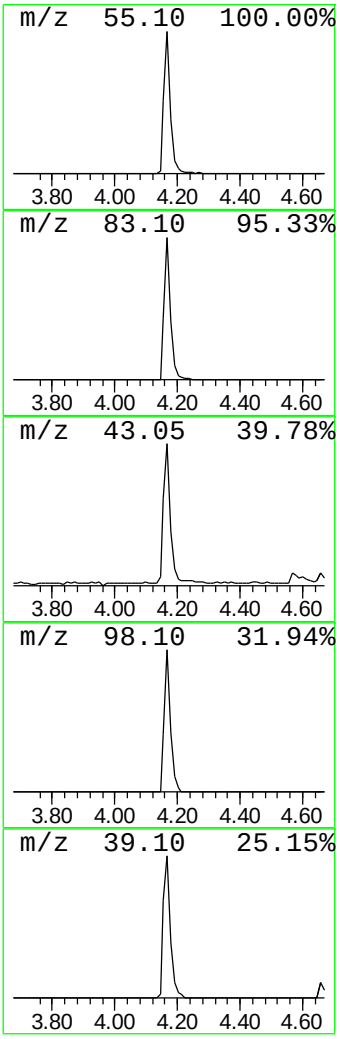
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	6.90 ng	338817	1,4-Dichlorobenzene-d4	6.70

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, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084734.D
Acq On : 2 Feb 2016 2:50
Operator : SJ/IZ
Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

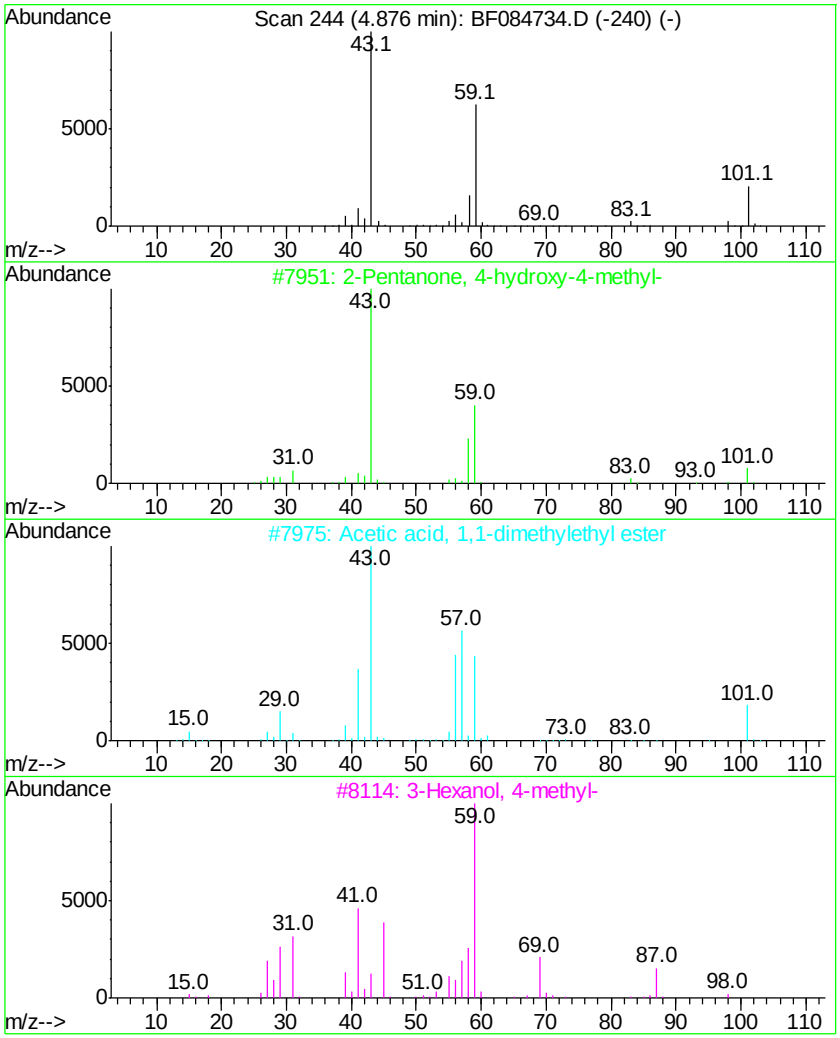
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

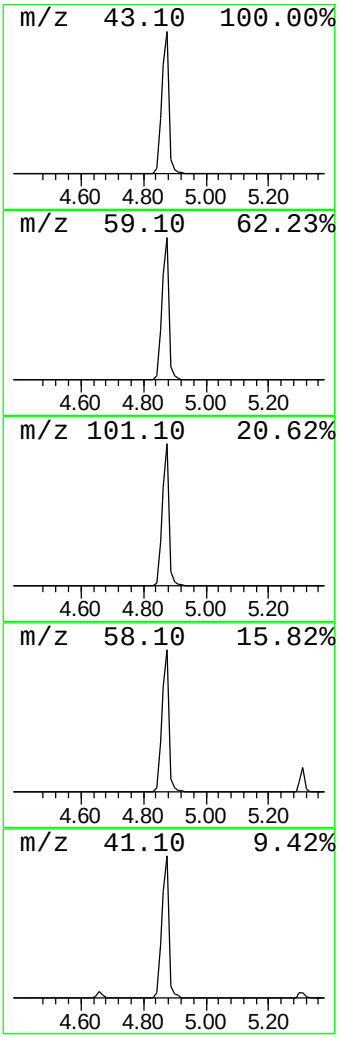
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	81.67 ng	4010180	1,4-Dichlorobenzene-d4	6.70

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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084734.D
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Operator : SJ/IZ
Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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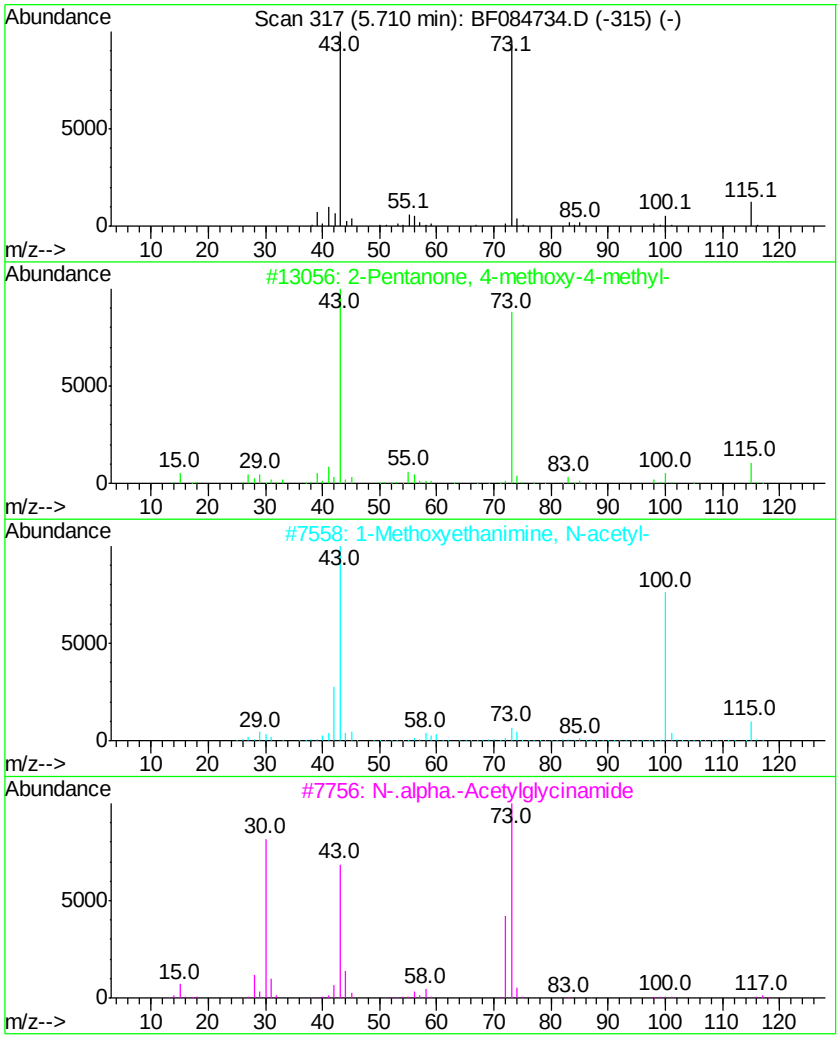
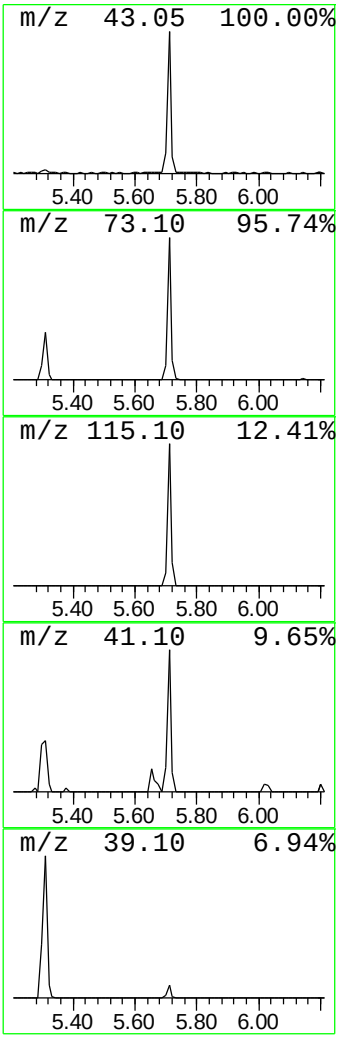
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	4.92 ng	241564	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	37
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25
4	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12





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Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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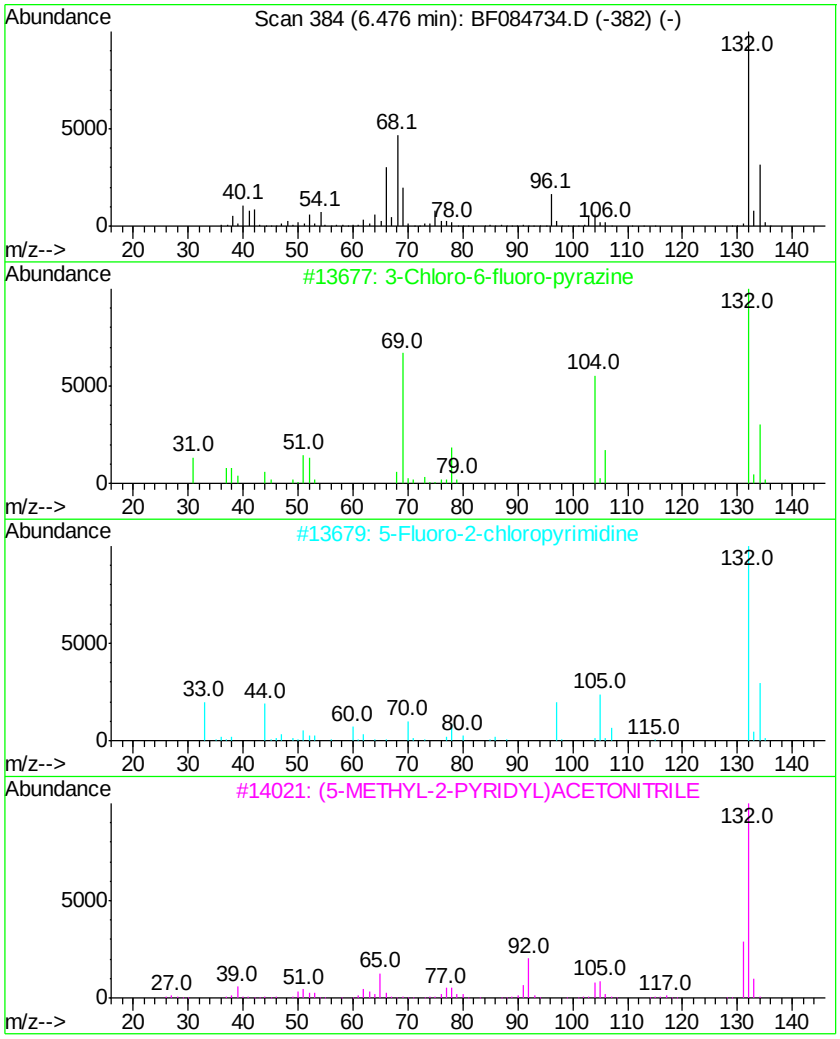
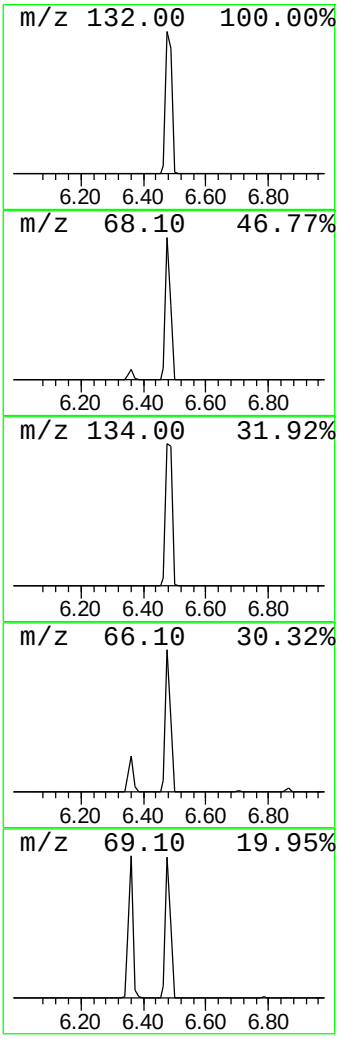
Peak Number 4 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	88.57 ng	4349330	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H1294-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

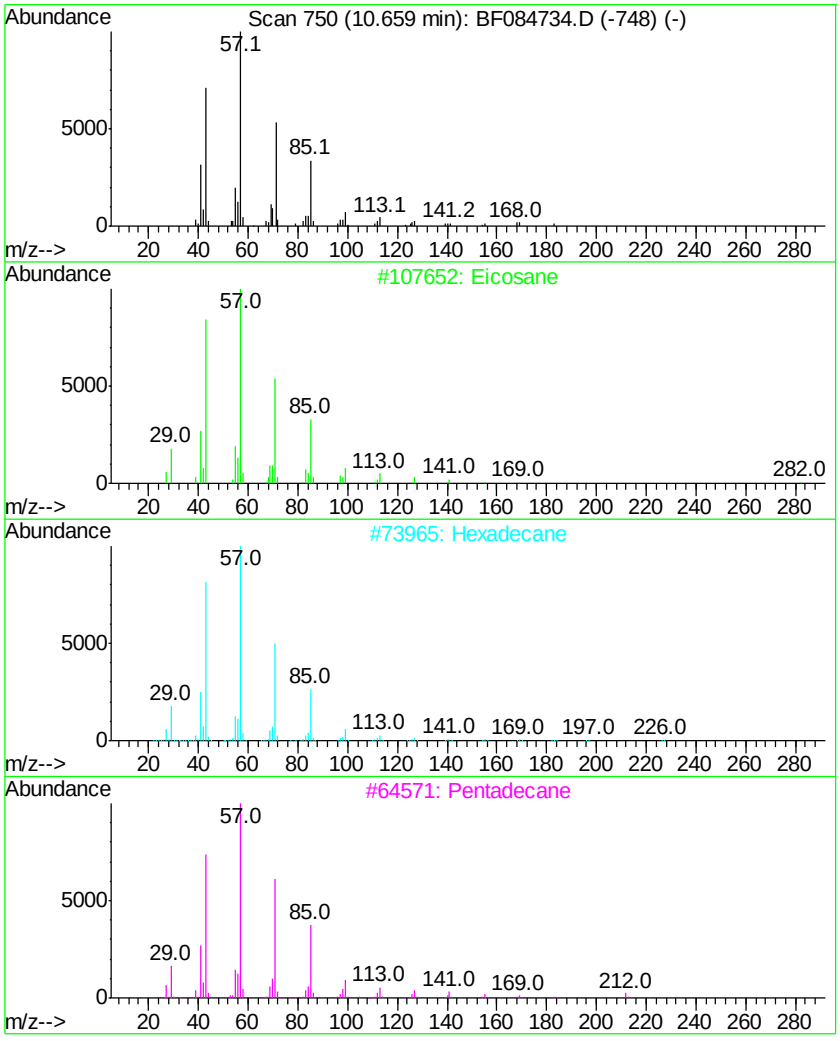
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

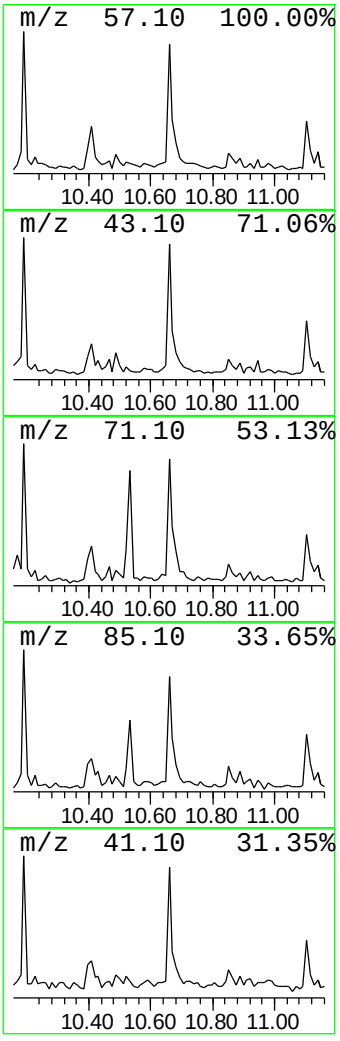
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.14 ng	164905	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Heptadecane	240	C17H36	000629-78-7	80





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

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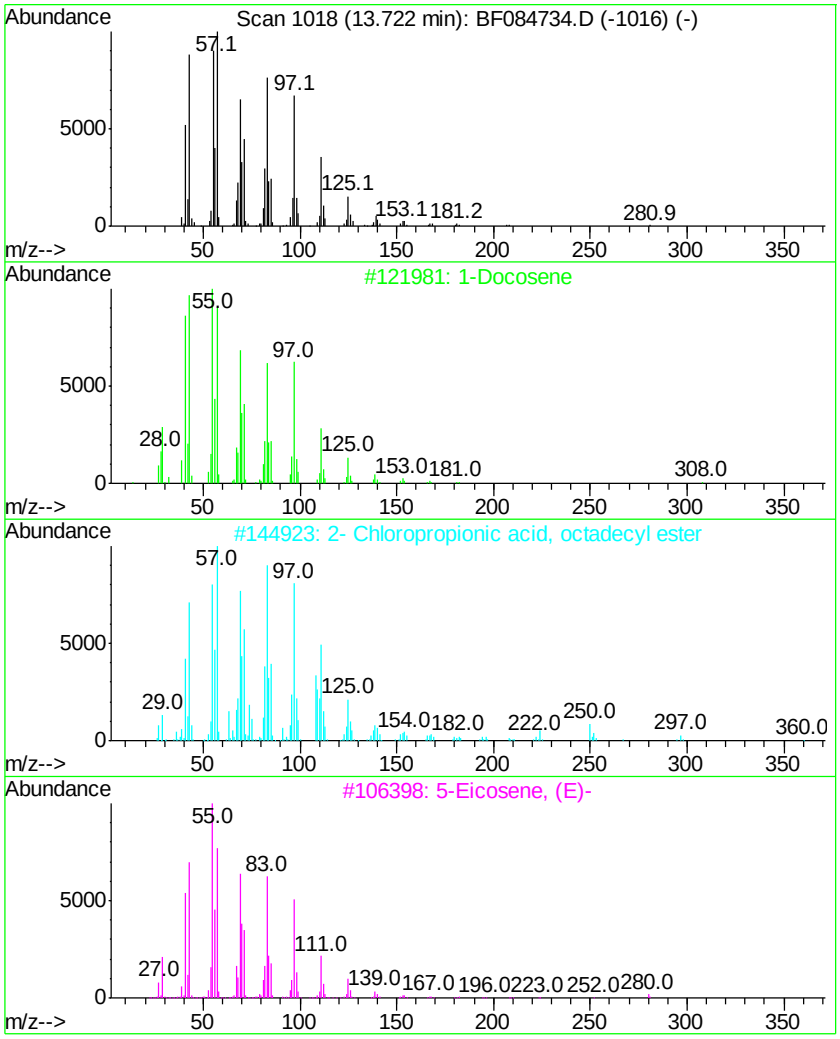
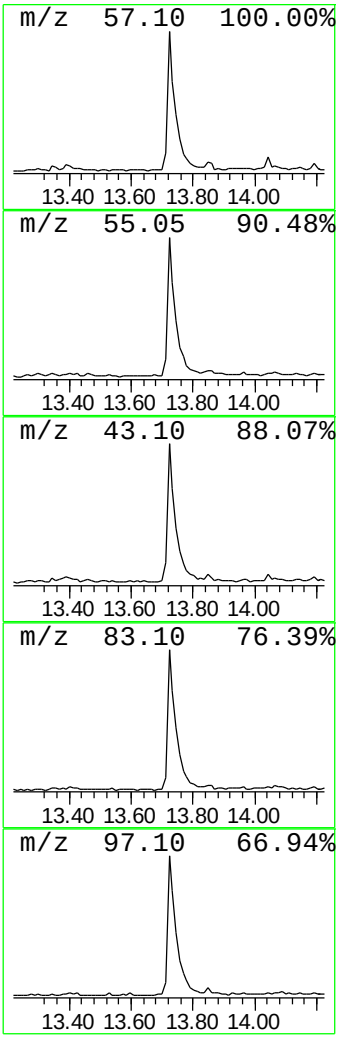
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	14.31 ng	925627	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : EP006

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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...	4.17	6.9	ng	338817	1	6.70	982068	20.0
2-Pentanone, 4-hy...	4.88	81.7	ng	4010180	1	6.70	982068	20.0
2-Pentanone, 4-me...	5.71	4.9	ng	241564	1	6.70	982068	20.0
unknown6.48	6.48	88.6	ng	4349330	1	6.70	982068	20.0
Eicosane	10.66	2.1	ng	164905	4	11.23	1544400	20.0
1-Docosene	13.72	14.3	ng	925627	5	13.86	1293710	20.0