LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084513.D
Acq On : 16 Jan 2016 2:05
Operator : SJ/UM
Sample : H1134-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-11

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-BF123115.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	4.338	195	197	202	rVB	128103	161427	1.94%	0.224%
2	5.013	252	256	266	rVB	3369654	5053132	60.76%	7.027%
3	5.436	290	293	296	rBV	7008604	7294652	87.71%	10.144%
4	5.824	325	327	330	rVB	274060	260734	3.13%	0.363%
5	6.476	380	384	386	rBV	5373110	8316897	100.00%	11.566%
6	6.590	391	394	397	rBV	6370414	7398813	88.96%	10.289%
7	6.819	412	414	416	rBV	1983411	1610929	19.37%	2.240%
8	6.979	425	428	430	rBV	6812592	6023019	72.42%	8.376%
9	7.390	461	464	466	rBV	5166277	5384475	64.74%	7.488%
10	8.110	524	527	529	rBV	2047413	2122672	25.52%	2.952%
11	9.185	618	621	624	rBV	5989396	6982303	83.95%	9.710%
12	9.585	654	656	658	rBV	1568226	1342516	16.14%	1.867%
13	9.802	671	675	677	rBV	188174	178166	2.14%	0.248%
14	9.859	678	680	683	rVB2	1999047	2159762	25.97%	3.003%
15	10.305	715	719	720	rBV2	169825	219367	2.64%	0.305%
16	10.522	735	738	741	rBV	73856	122799	1.48%	0.171%
17	10.659	747	750	752	rBV	3753728	5084330	61.13%	7.070%
18	10.773	757	760	765	rBV	228630	283983	3.41%	0.395%
19	11.219	797	799	801	rBV	123519	115610	1.39%	0.161%
20	11.345	808	810	813	rBV	2460928	2121672	25.51%	2.950%
21	12.762	932	934	937	rBV2	136840	154978	1.86%	0.216%
22	12.933	946	949	952	rBV	5723390	5665145	68.12%	7.878%
23	13.848	1026	1029	1038	rBV	264188	587862	7.07%	0.818%
24	13.985	1038	1041	1043	rBV	1457046	1700705	20.45%	2.365%
25	15.402	1162	1165	1168	rBV	1200424	1478520	17.78%	2.056%
26	18.305	1415	1419	1427	rVB4	26779	84624	1.02%	0.118%

Sum of corrected areas: 71909092

LSC Report - Integrated Chromatogram

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Misc :
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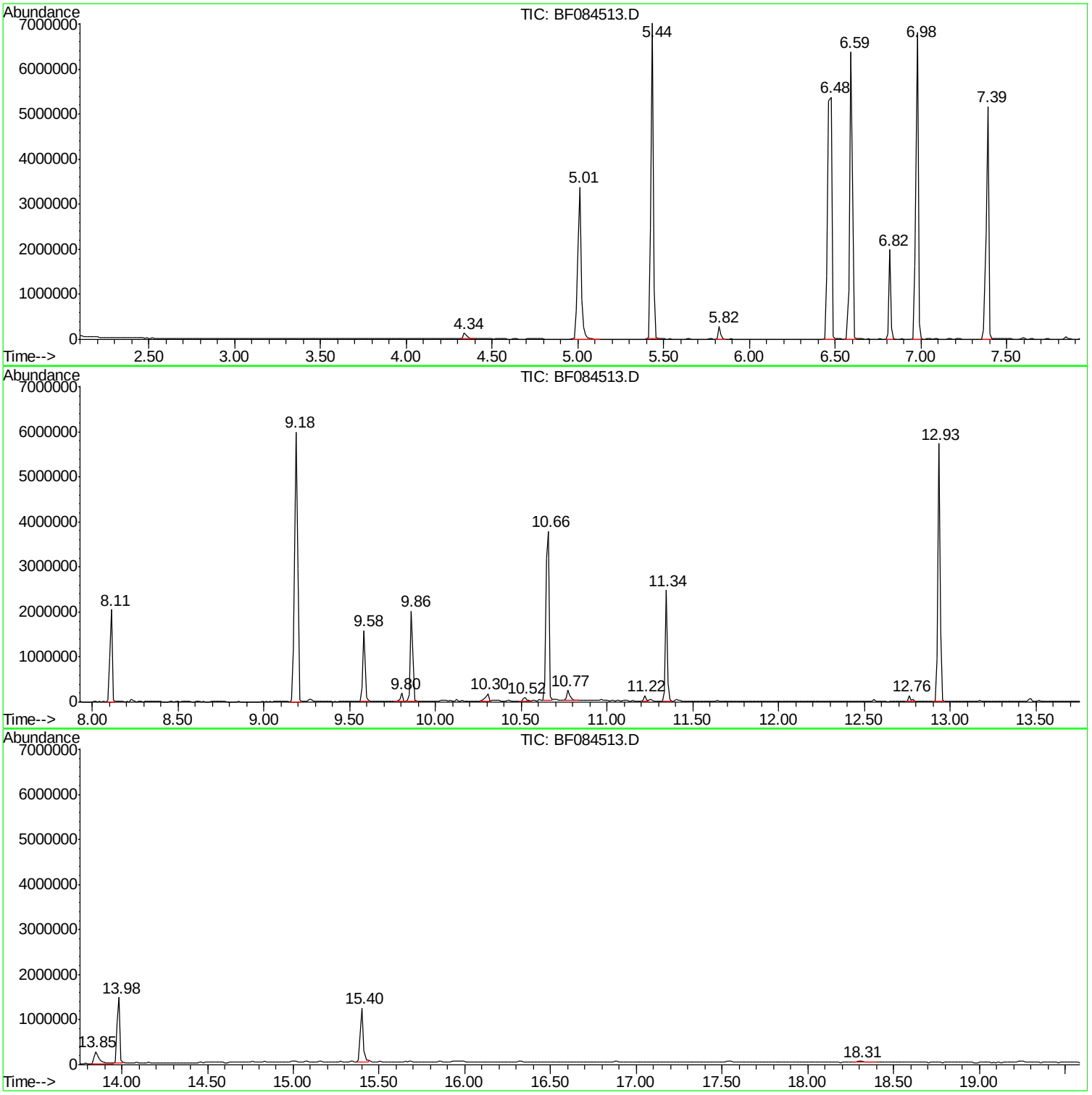
Instrument : BNA_F
ClientSampleId : UST-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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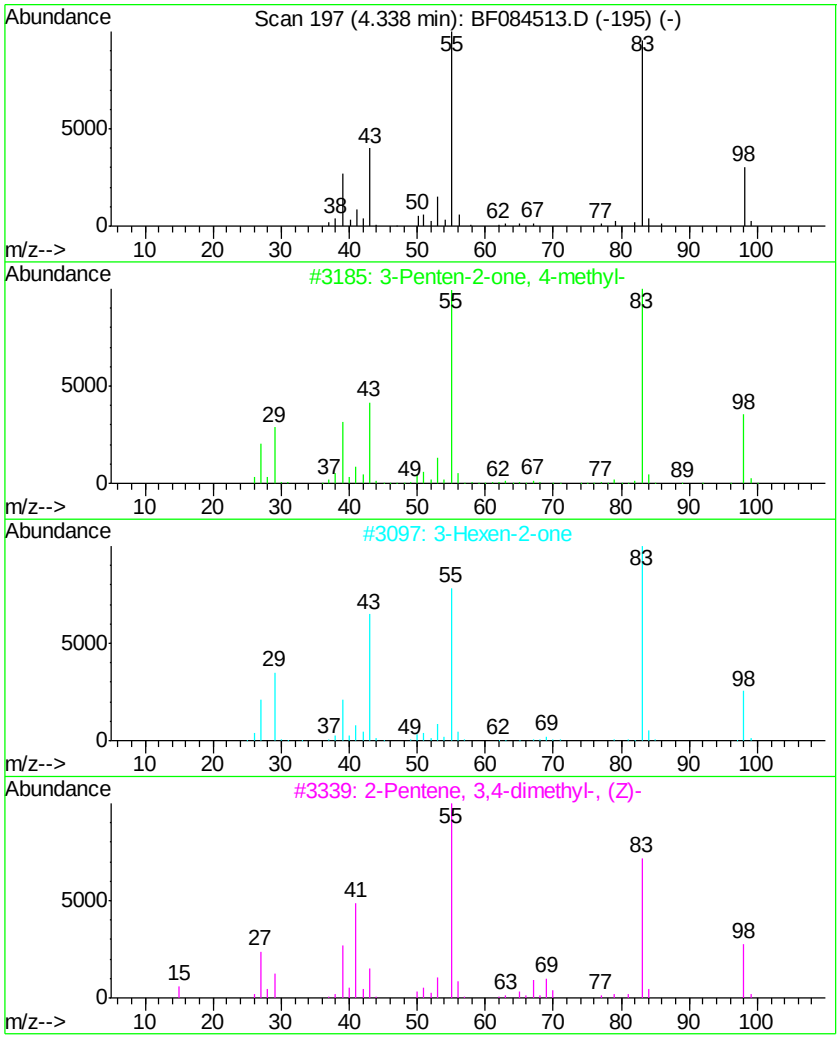
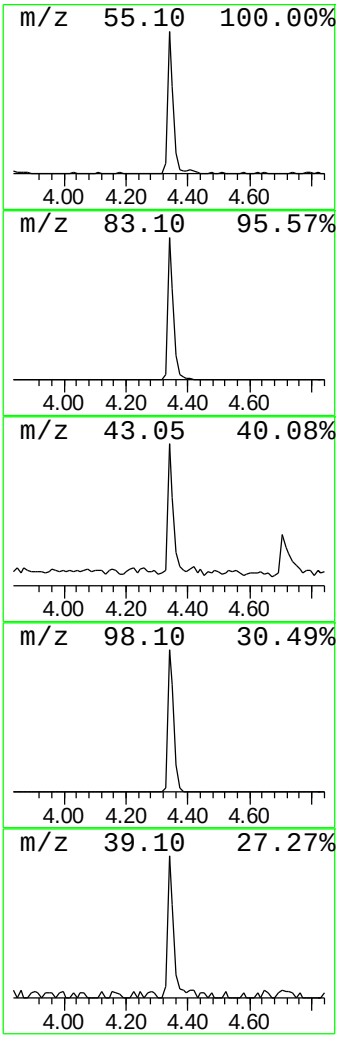
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	2.00 ng	161427	1,4-Dichlorobenzene-d4	6.82

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	90
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	80





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Sample : H1134-03
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Instrument : BNA_F
ClientSampleId : UST-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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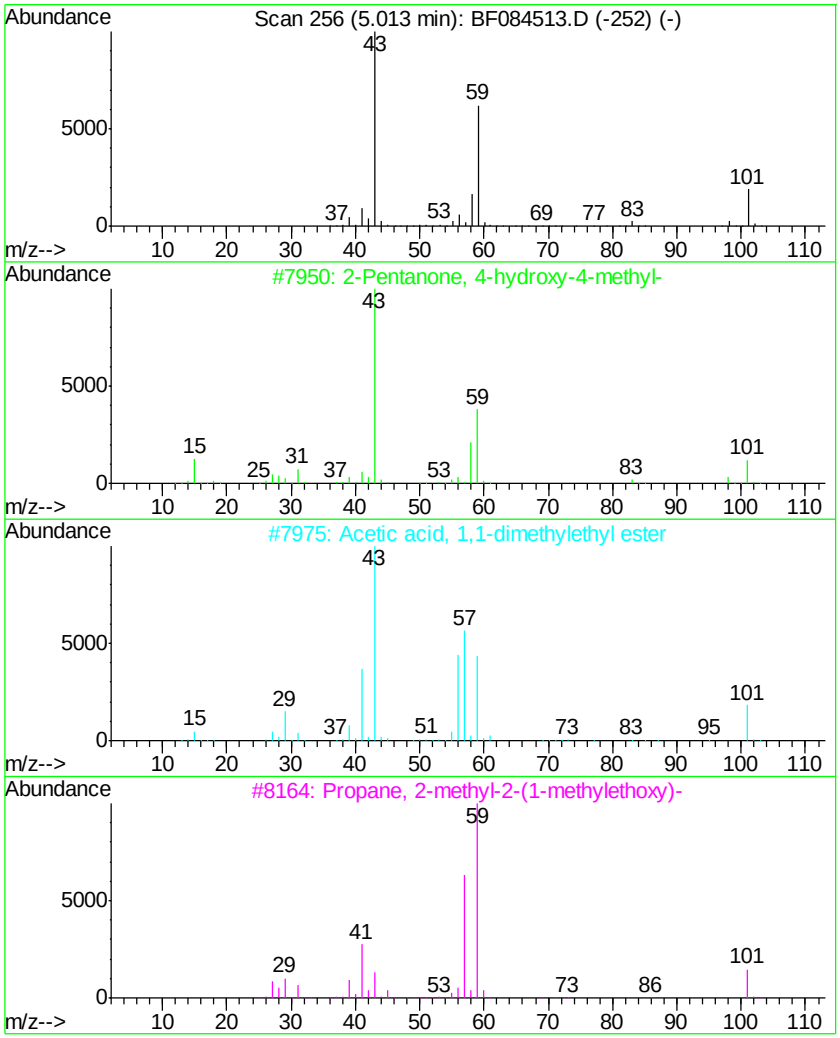
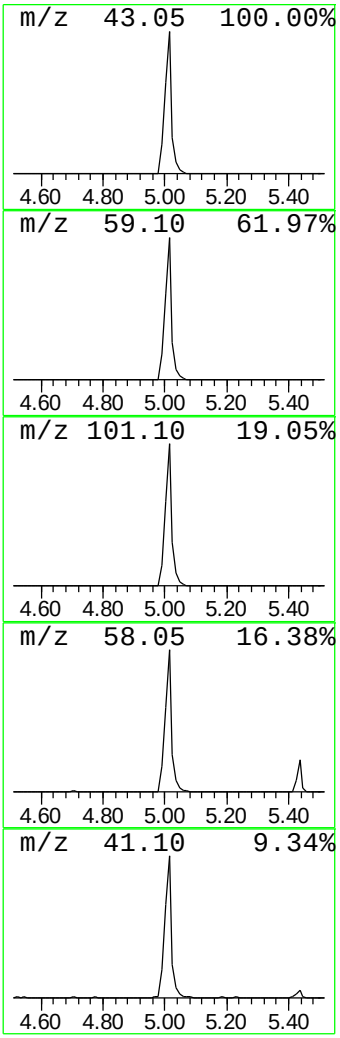
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	62.74 ng	5053130	1,4-Dichlorobenzene-d4	6.82

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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Operator : SJ/UM
Sample : H1134-03
Misc :
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Instrument : BNA_F
ClientSampleId : UST-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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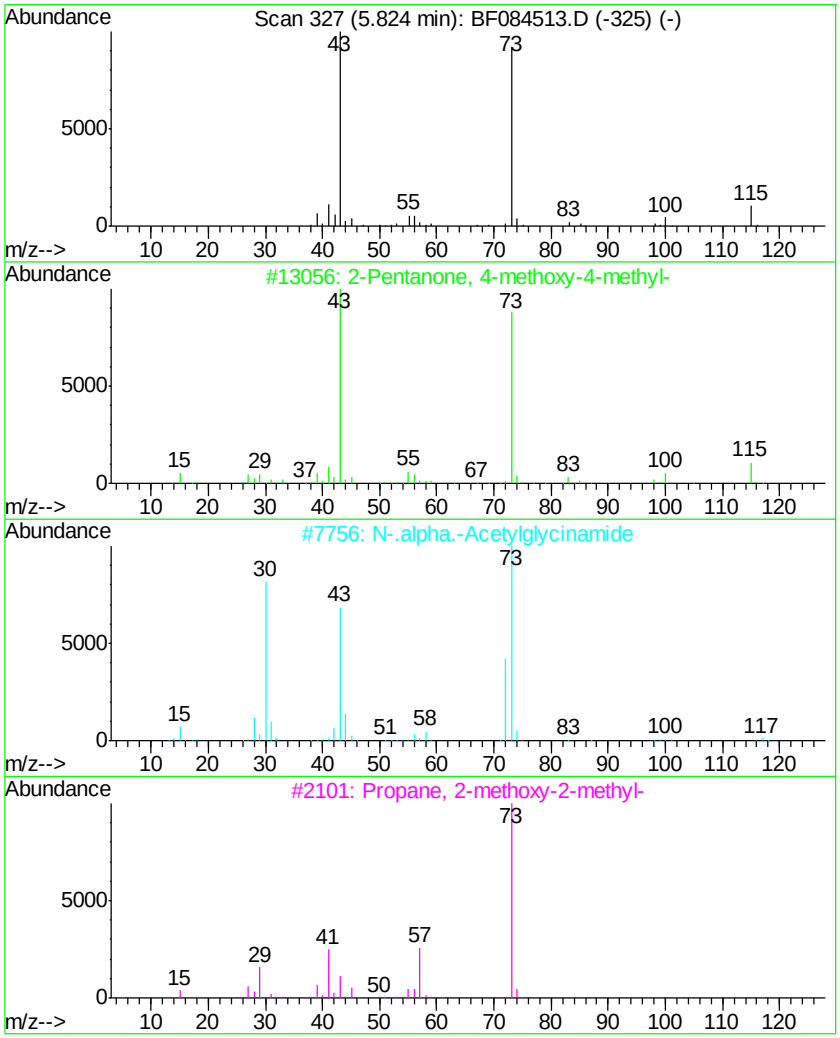
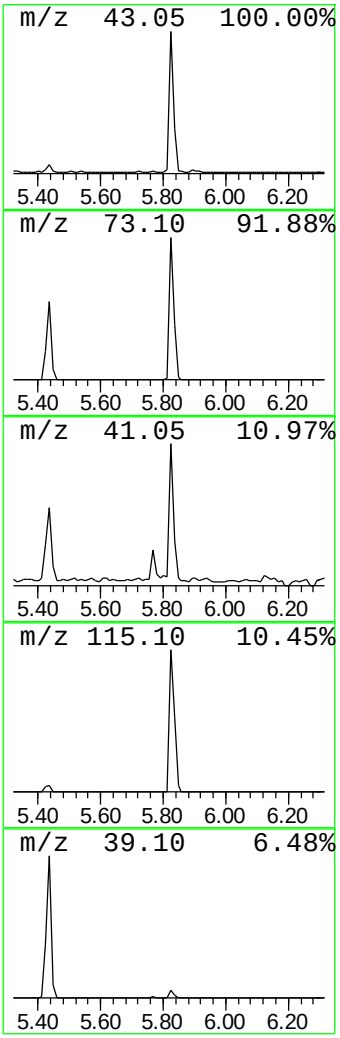
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.24 ng	260734	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





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Instrument : BNA_F
ClientSampleId : UST-11

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TIC Library : C:\DATABASE\NIST02.L
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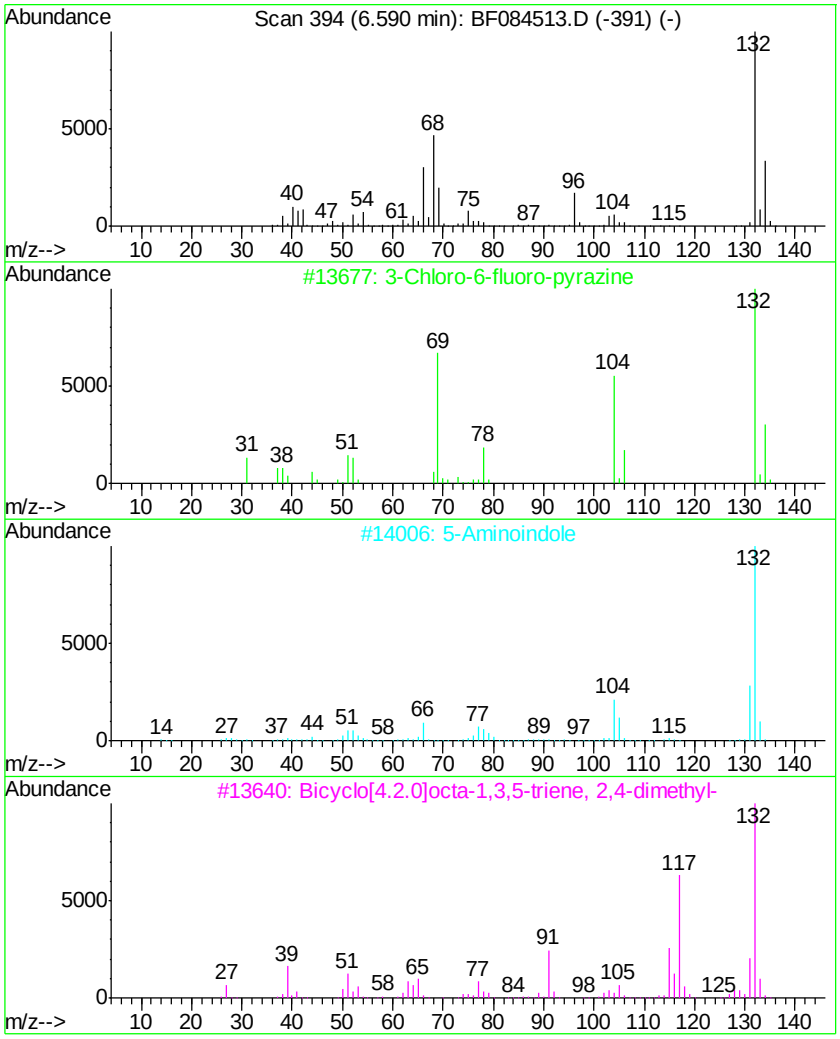
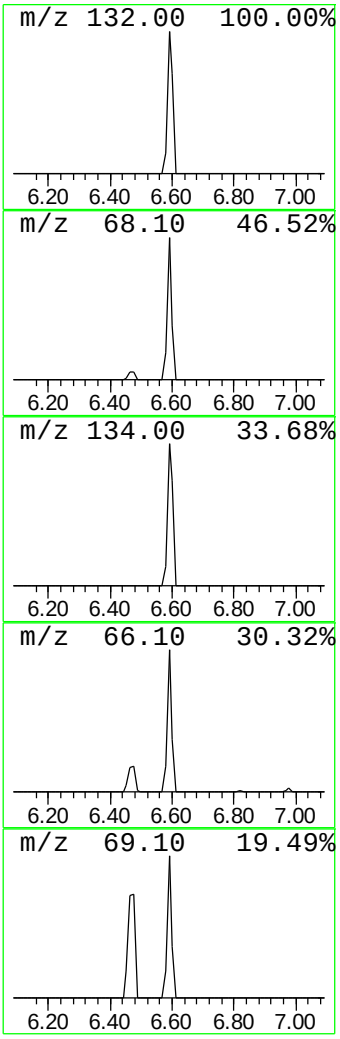
Peak Number 4 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	91.86 ng	7398810	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : H1134-03
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Instrument : BNA_F
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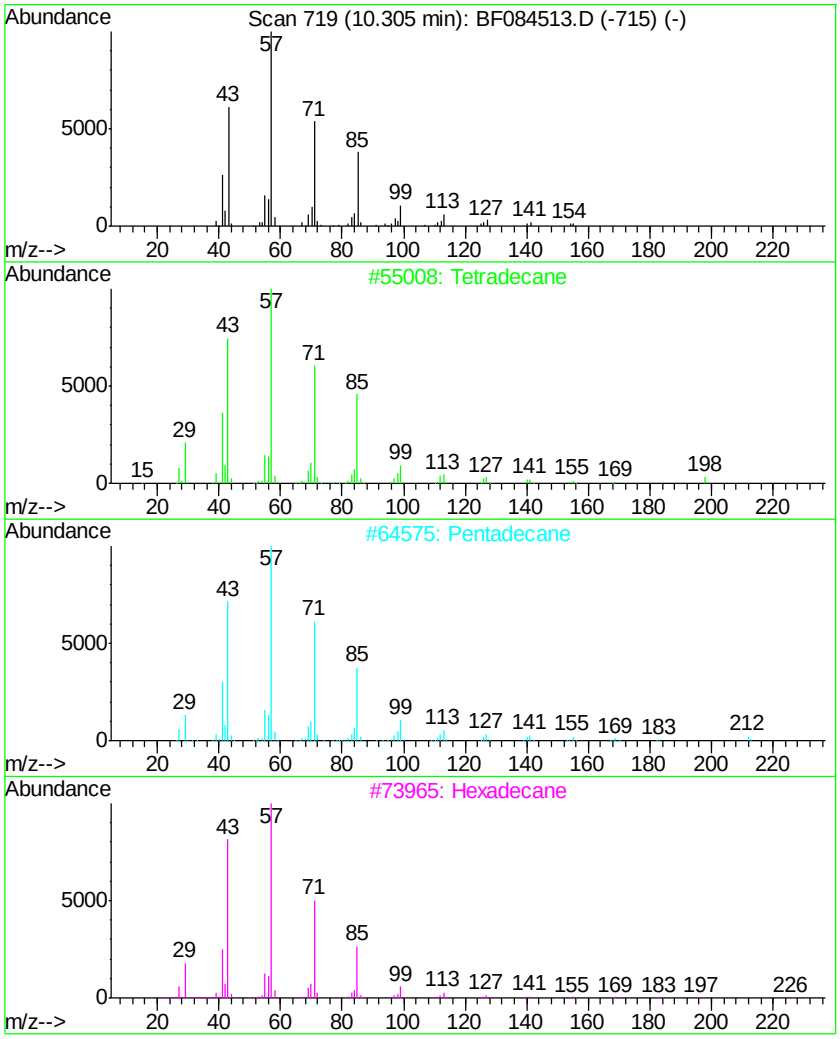
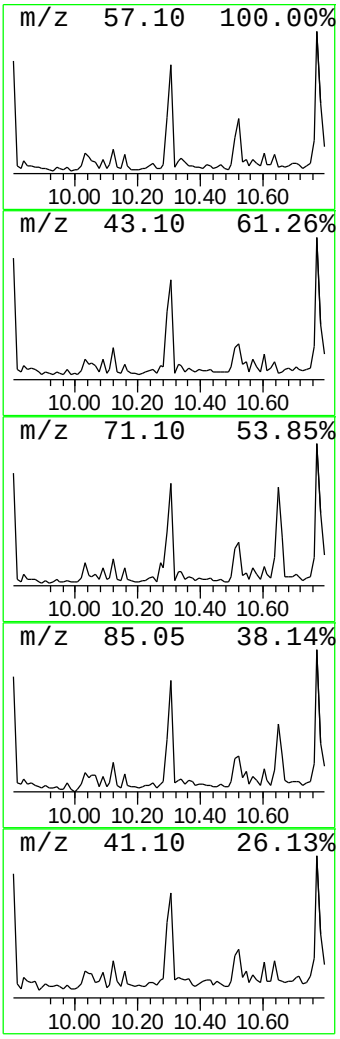
Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.03 ng	219367	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





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ClientSampleId : UST-11

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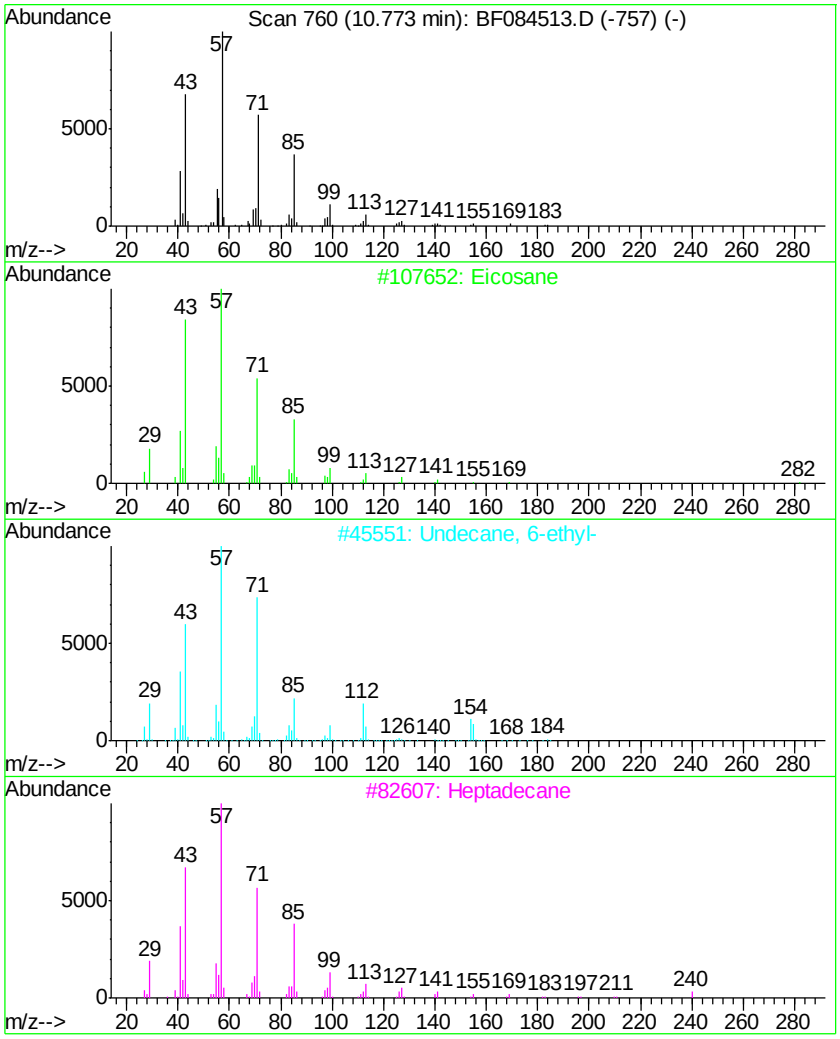
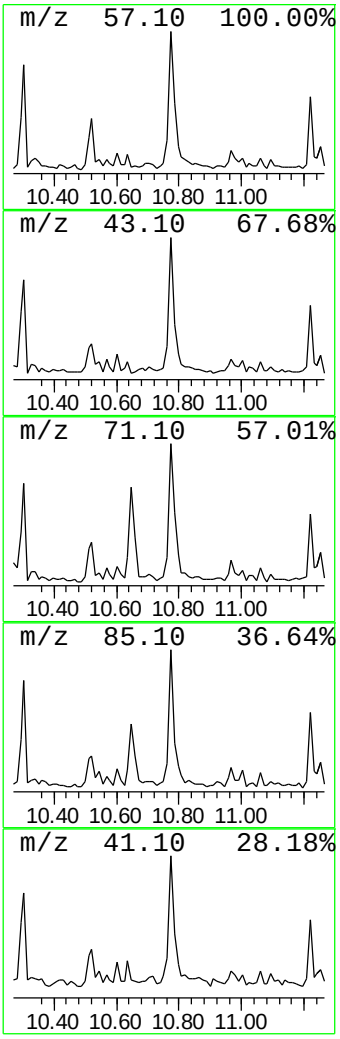
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.68 ng	283983	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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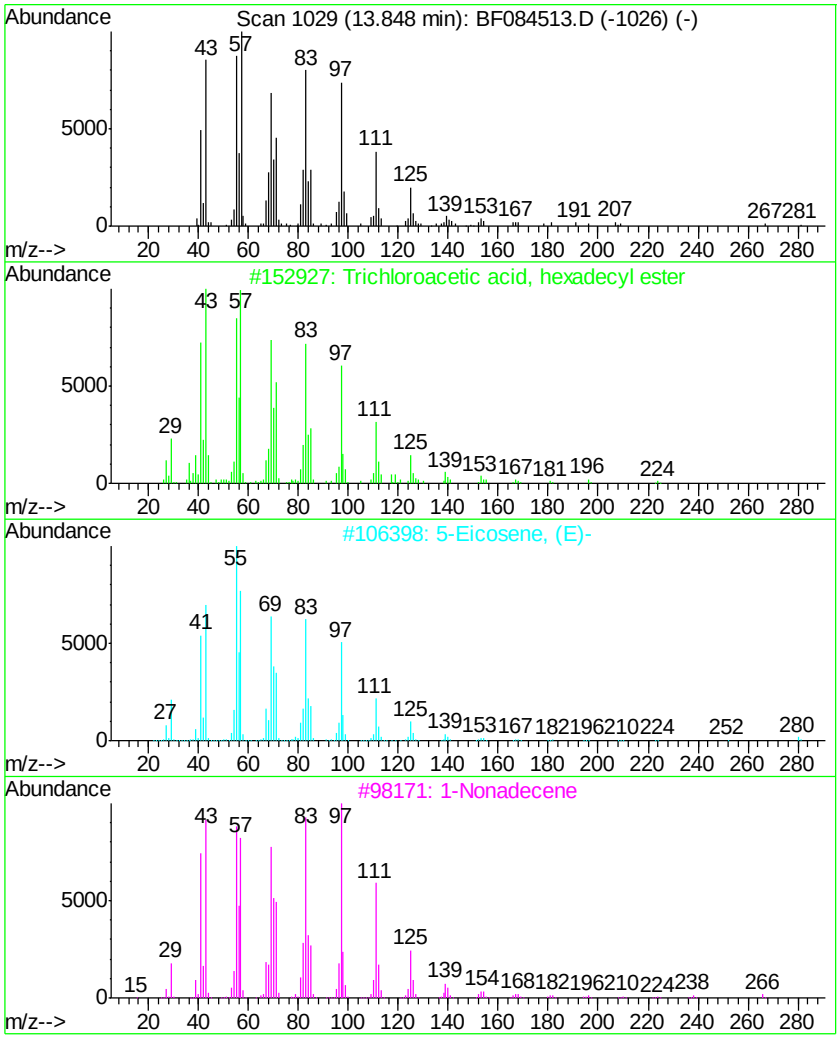
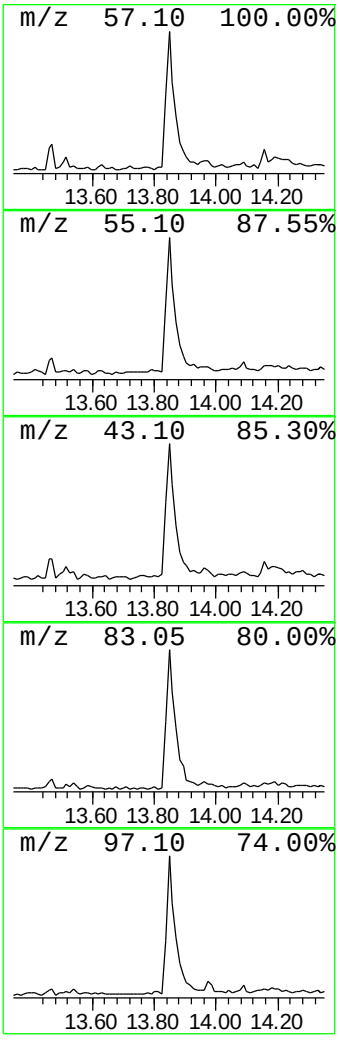
Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.91 ng	587862	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	86
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	68





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...	4.34	2.0	ng	161427	1	6.82	1610930	20.0
2-Pentanone, 4-hy...	5.01	62.7	ng	5053130	1	6.82	1610930	20.0
2-Pentanone, 4-me...	5.82	3.2	ng	260734	1	6.82	1610930	20.0
unknown6.59	6.59	91.9	ng	7398810	1	6.82	1610930	20.0
Tetradecane	10.30	2.0	ng	219367	3	9.86	2159760	20.0
Eicosane	10.77	2.7	ng	283983	4	11.34	2121670	20.0
Trichloroacetic a...	13.85	6.9	ng	587862	5	13.98	1700710	20.0