LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093160.D
Acq On : 24 Feb 2017 22:32
Operator : SJ/MA
Sample : I1957-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

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	4.327	193	196	208	rBV	2099082	2904615	30.40%	8.645%
2	5.024	251	257	260	rBV	3871759	9555837	100.00%	28.440%
3	5.424	291	292	303	rVB3	215859	258473	2.70%	0.769%
4	6.464	381	383	391	rBV	1785566	1614817	16.90%	4.806%
5	6.590	393	394	397	rBV	355028	459773	4.81%	1.368%
6	6.830	413	415	417	rBV	1058689	885185	9.26%	2.634%
7	6.990	426	429	431	rBV	2333100	2358068	24.68%	7.018%
8	7.402	462	465	467	rBV	2118144	1961549	20.53%	5.838%
9	8.122	526	528	531	rBV	1281214	1158707	12.13%	3.449%
10	9.196	620	622	625	rBV	2569056	3301015	34.54%	9.824%
11	9.596	655	657	661	rVB	218265	209198	2.19%	0.623%
12	9.813	672	676	678	rBV	100860	116352	1.22%	0.346%
13	9.882	679	682	684	rVB	964936	1304759	13.65%	3.883%
14	10.305	718	719	721	rVB	172594	153709	1.61%	0.457%
15	10.785	759	761	764	rBV	208612	309928	3.24%	0.922%
16	11.231	797	800	801	rBV	185443	168183	1.76%	0.501%
17	11.356	809	811	814	rBV	1103073	1343059	14.05%	3.997%
18	11.653	835	837	839	rVB	150882	119049	1.25%	0.354%
19	12.945	947	950	953	rBV	3079964	3011307	31.51%	8.962%
20	13.848	1026	1029	1036	rBV	93436	183805	1.92%	0.547%
21	13.997	1040	1042	1045	rVV	1250795	1230850	12.88%	3.663%
22	15.425	1164	1167	1170	rBV	709951	991986	10.38%	2.952%

Sum of corrected areas: 33600224

LSC Report - Integrated Chromatogram

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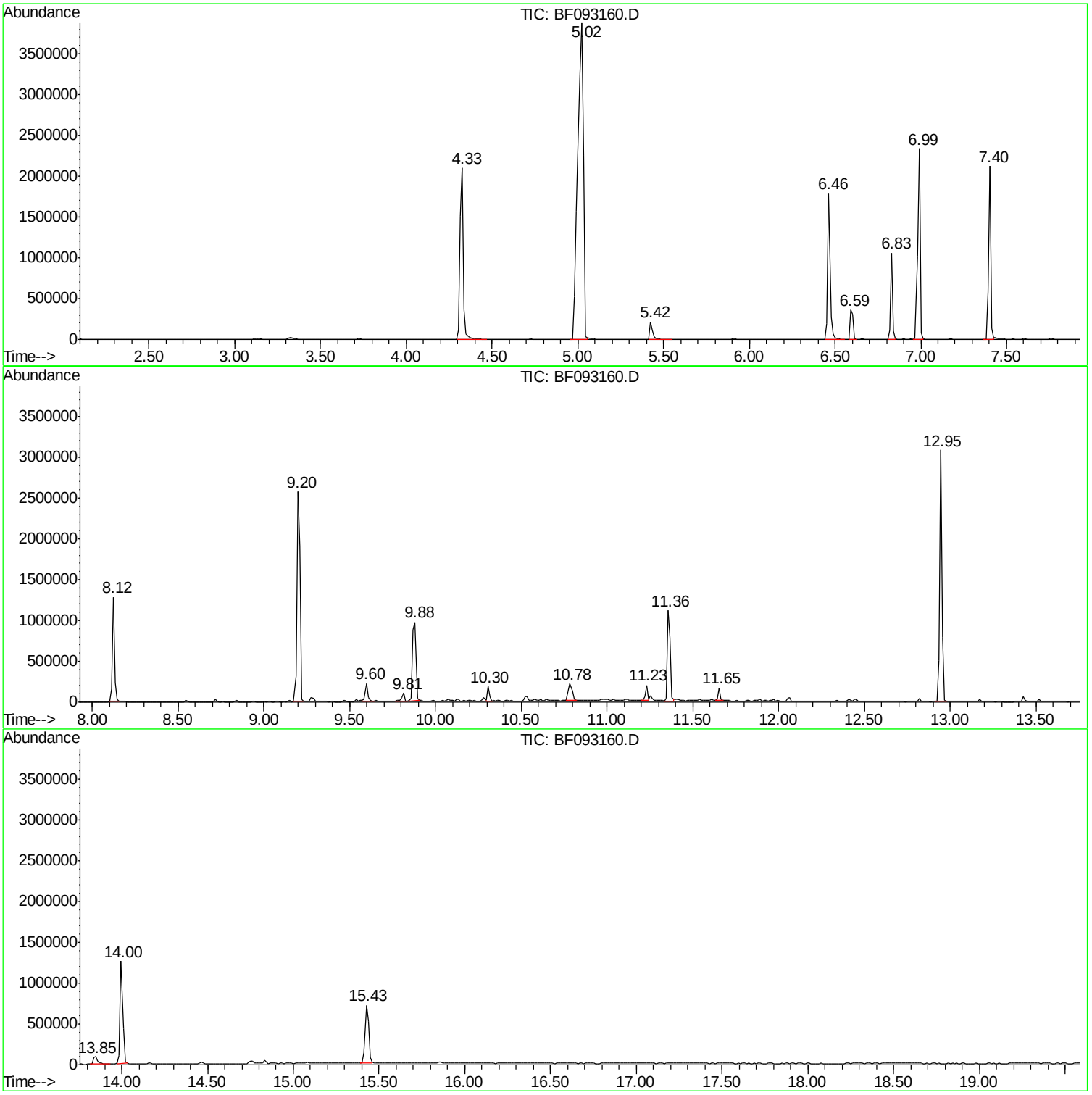
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-X(8-10)20170222

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\BF022417\
Data File : BF093160.D
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Operator : SJ/MA
Sample : I1957-14
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

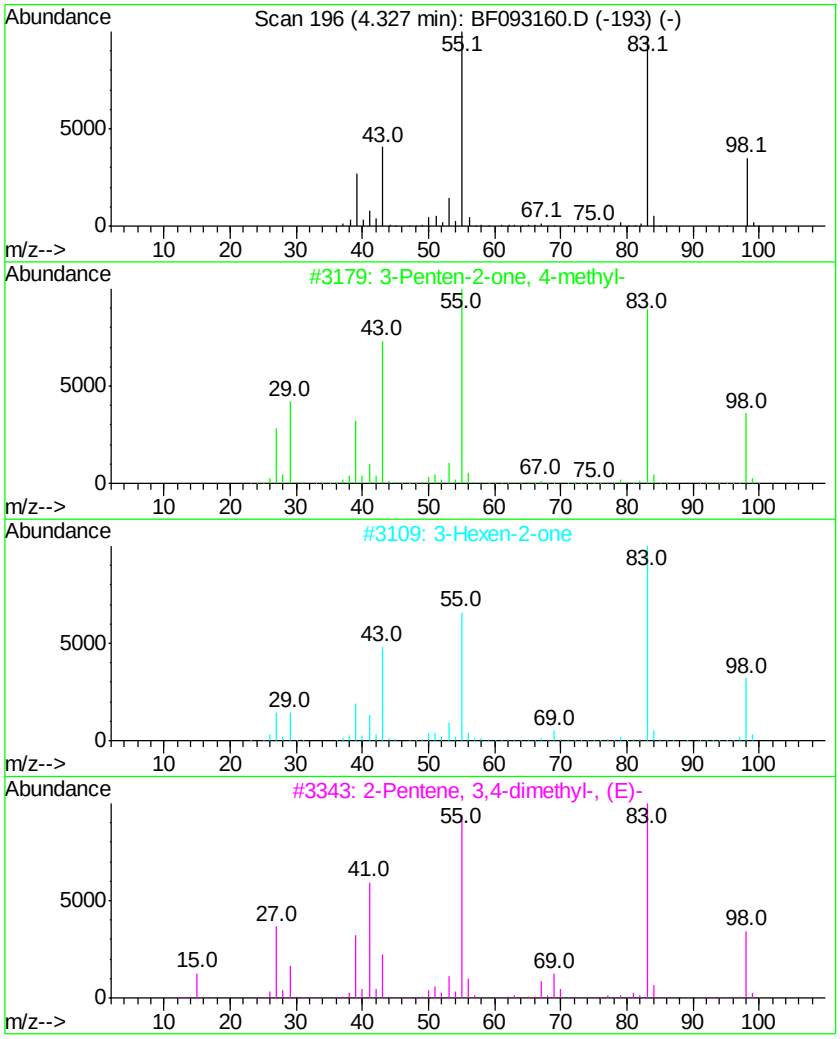
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

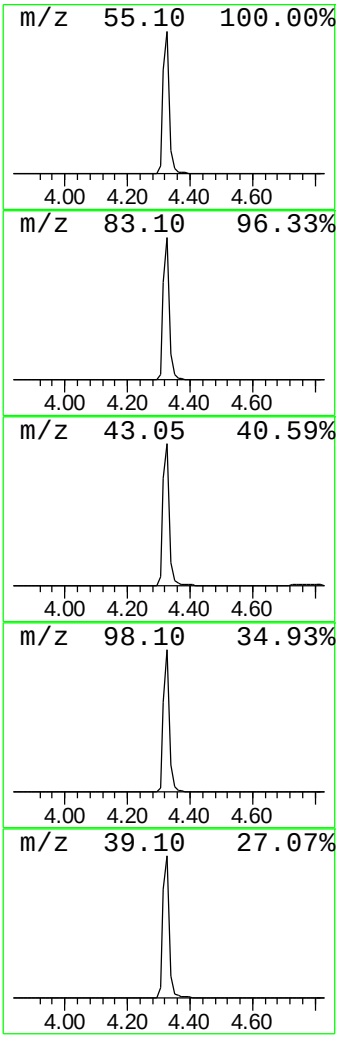
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	65.63 ng	2904620	1,4-Dichlorobenzene-d4	6.83

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-, (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	80





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Misc :
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Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

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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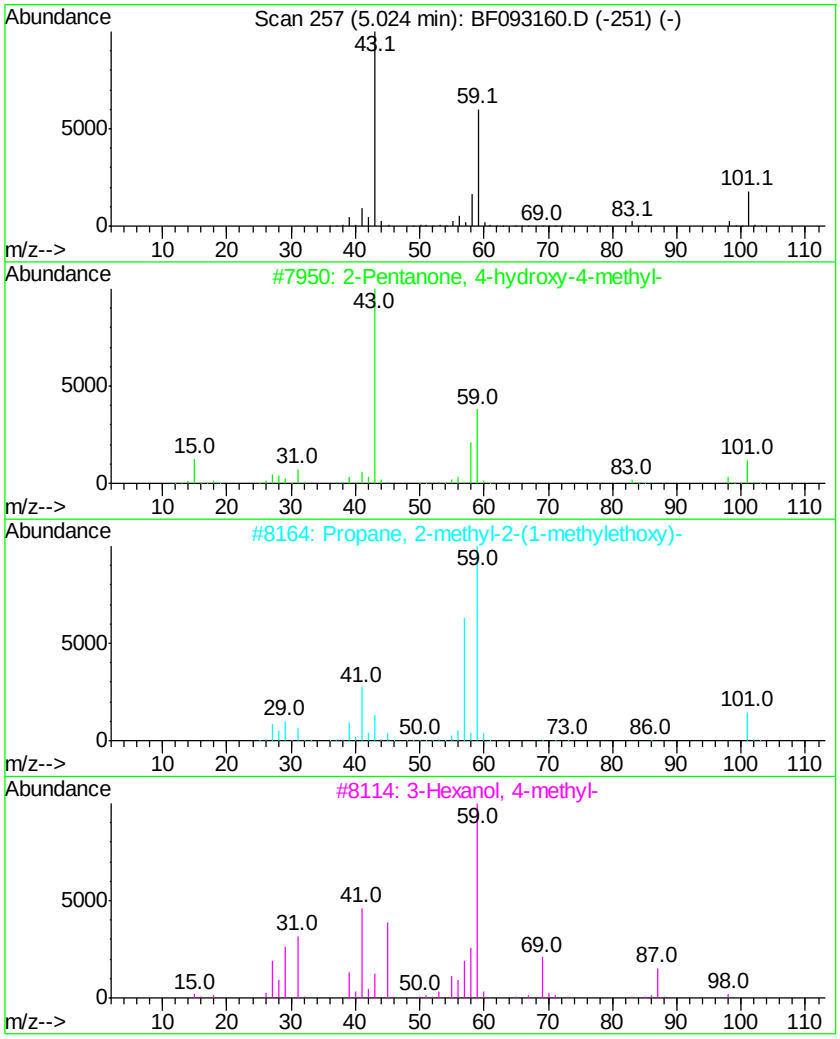
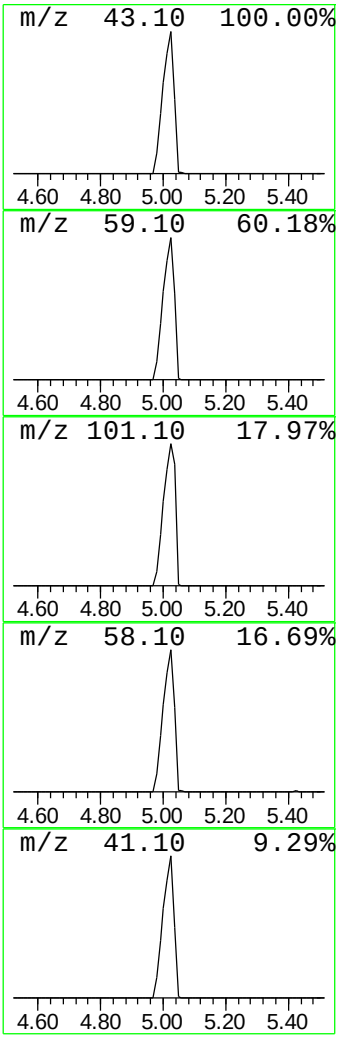
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	215.91 ng	9555840	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Data File : BF093160.D
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Operator : SJ/MA
Sample : I1957-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-X(8-10)20170222

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
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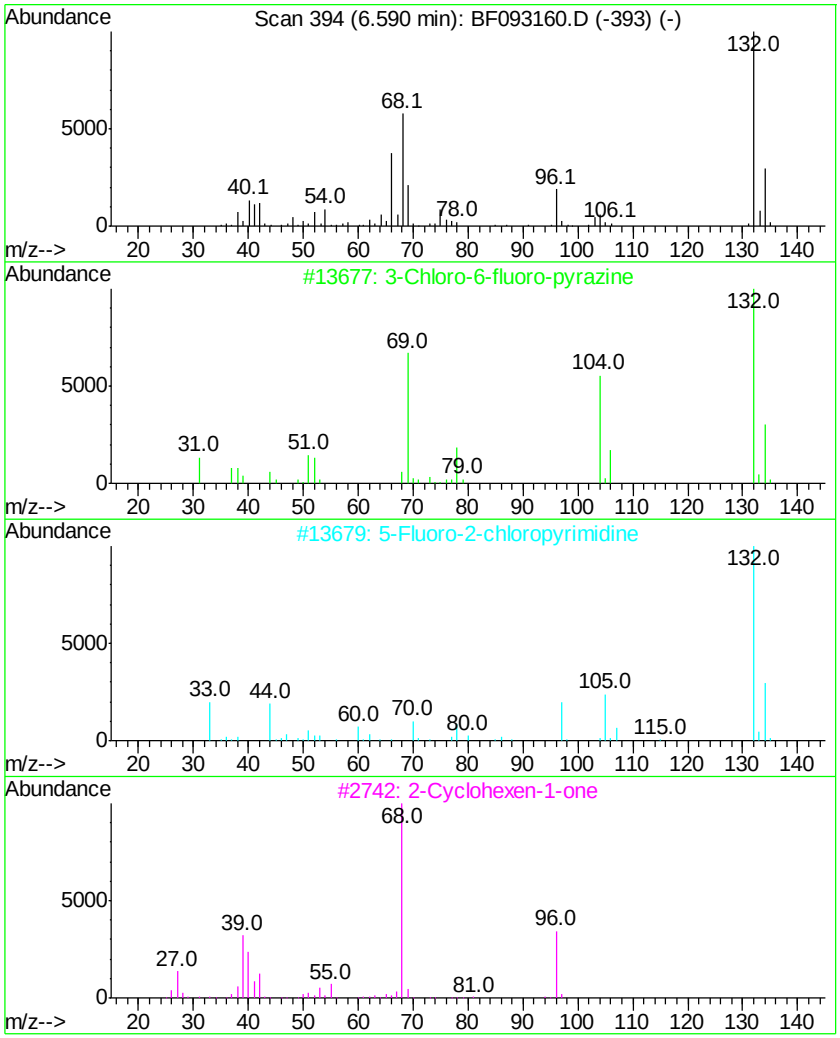
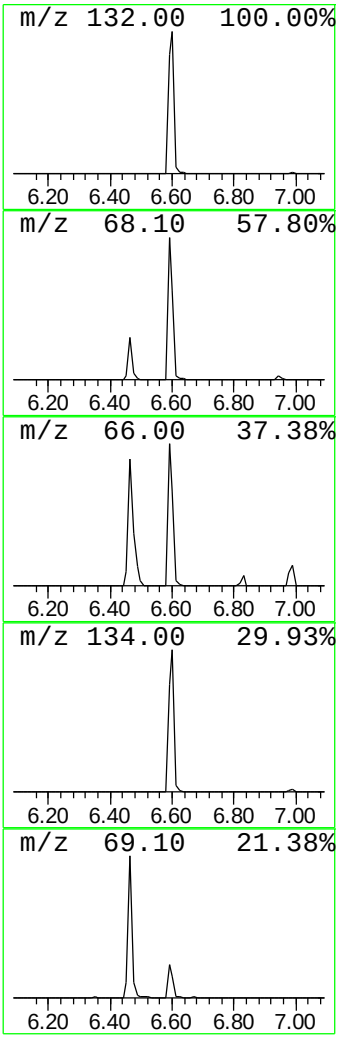
Peak Number 3 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	10.39 ng	459773	1,4-Dichlorobenzene-d4	6.83

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	27
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Library Search Compound Report

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Operator : SJ/MA
Sample : I1957-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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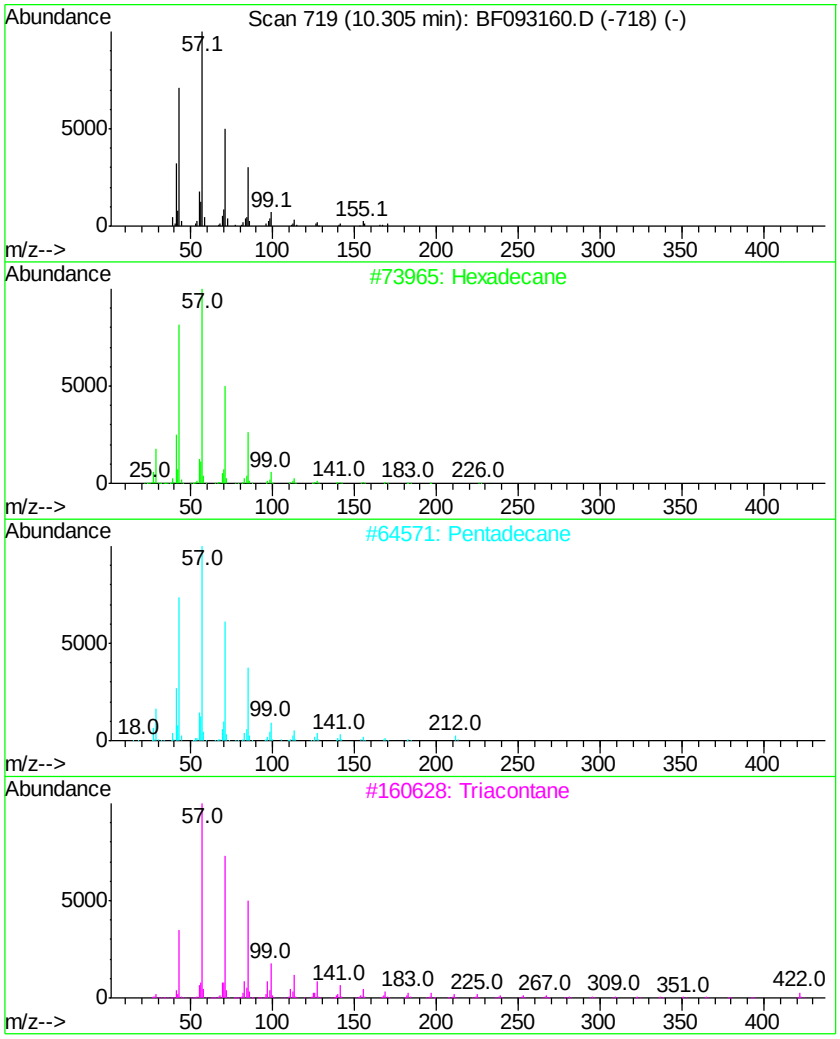
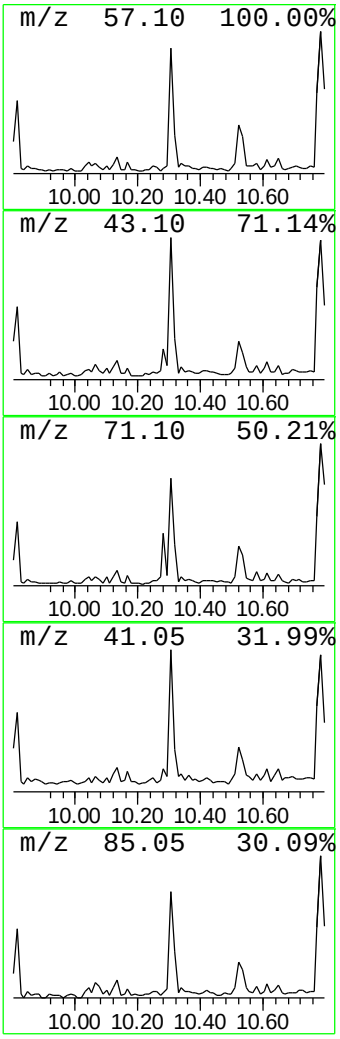
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.36 ng	153709	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Triacontane	422	C30H62	000638-68-6	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
SRI-SB-X(8-10)20170222

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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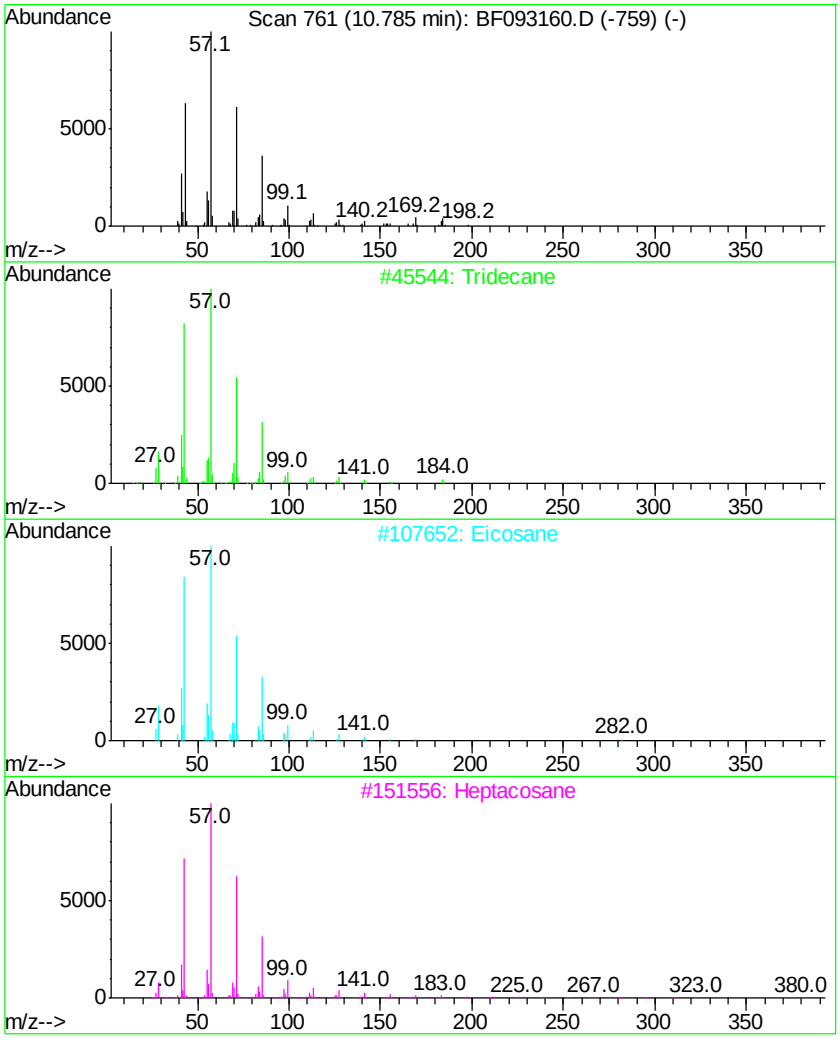
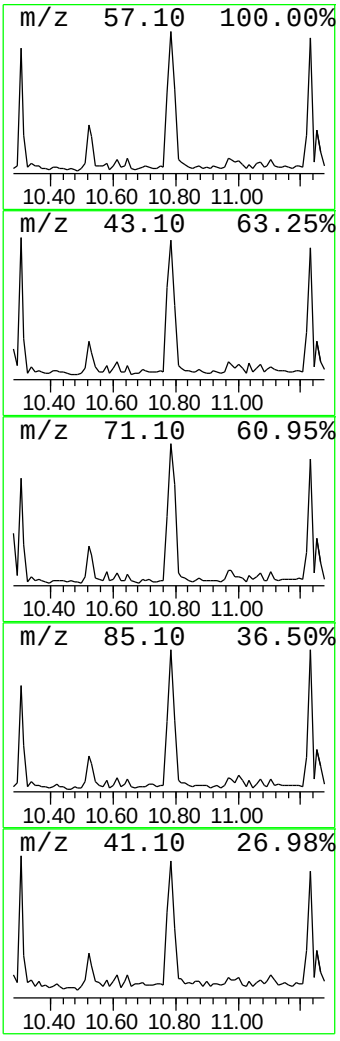
Peak Number 6 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.62 ng	309928	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83





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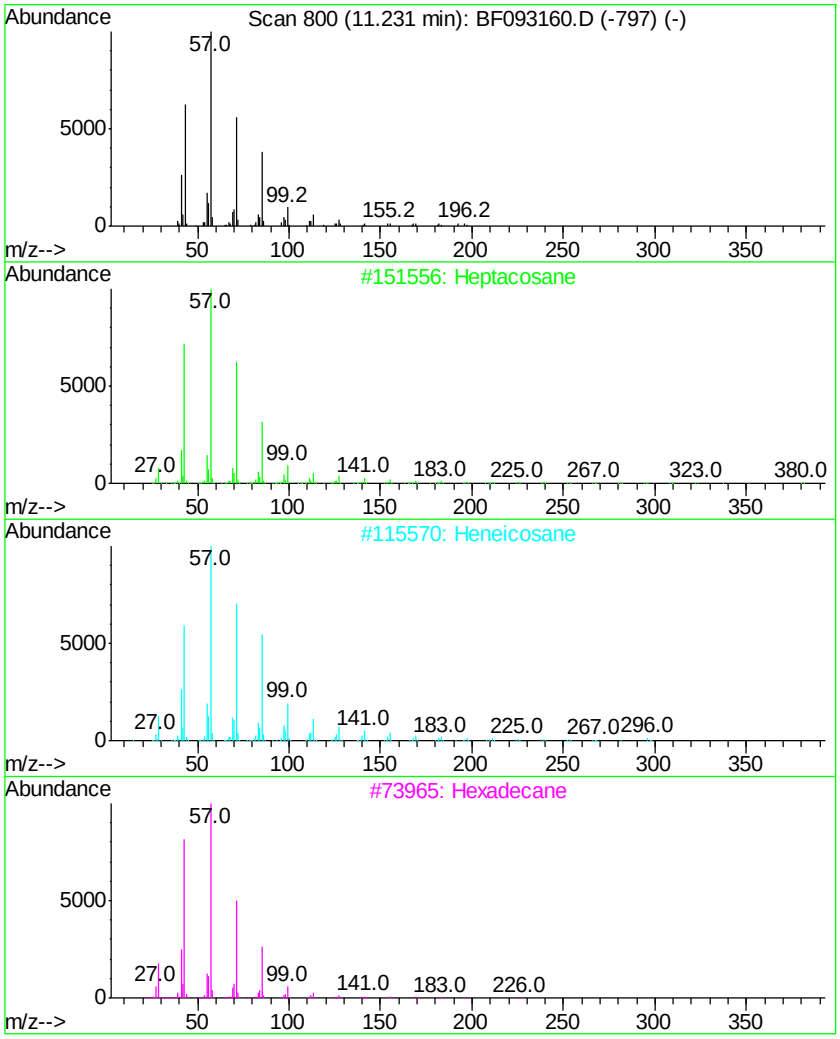
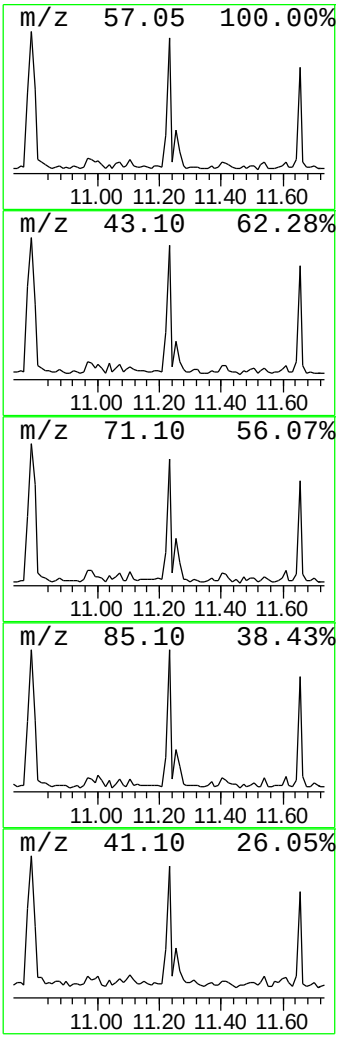
Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.50 ng	168183	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Nonacosane	408	C29H60	000630-03-5	86





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

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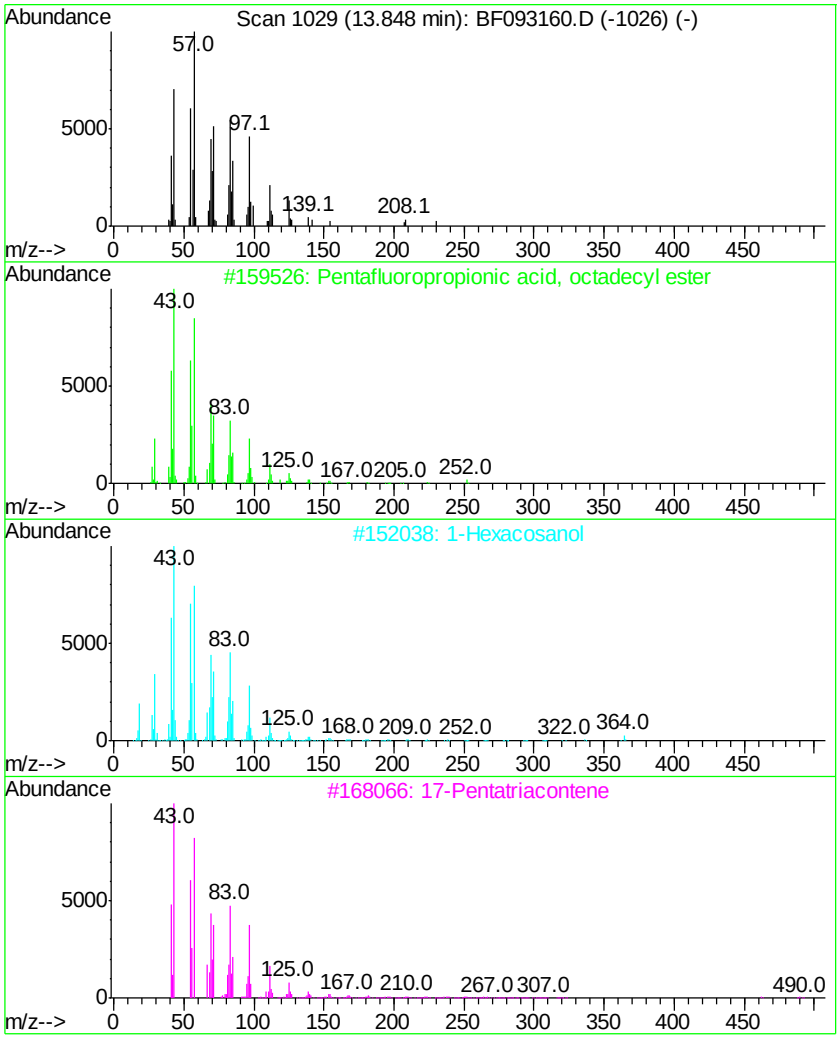
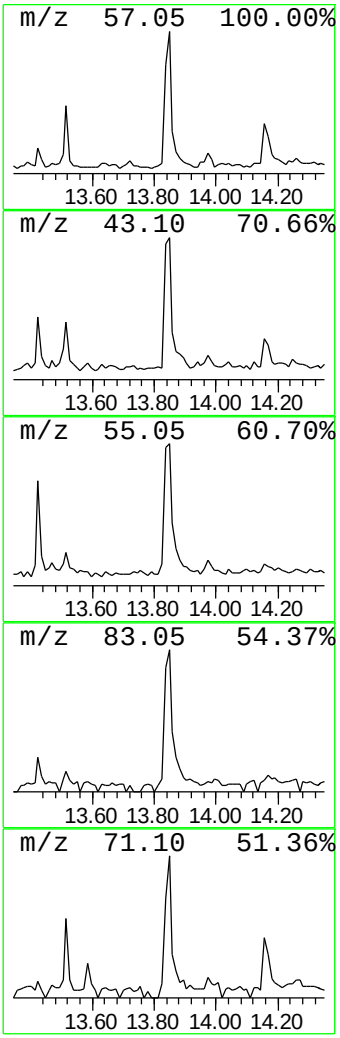
Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.99 ng	183805	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	86
3	17-Pentatriacontene	491	C35H70	006971-40-0	68
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	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...	4.33	65.6	ng	2904620	1	6.83	885185	20.0
2-Pentanone, 4-hy...	5.02	215.9	ng	9555840	1	6.83	885185	20.0
unknown6.59	6.59	10.4	ng	459773	1	6.83	885185	20.0
Hexadecane	10.30	2.4	ng	153709	3	9.88	1304760	20.0
Tridecane	10.78	4.6	ng	309928	4	11.36	1343060	20.0
Heptacosane	11.23	2.5	ng	168183	4	11.36	1343060	20.0
Pentafluoropropio...	13.85	3.0	ng	183805	5	14.00	1230850	20.0