LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083269.D
Acq On : 25 Nov 2015 13:00
Operator : UM/IZ
Sample : G4534-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-71

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-BF112115.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	3.987	173	175	181	rBV	79189	154520	2.44%	0.352%
2	4.707	235	238	253	rBV	1118172	1609230	25.42%	3.669%
3	5.187	277	280	297	rBV	1801413	2526584	39.90%	5.760%
4	5.587	313	315	320	rBV	100749	117712	1.86%	0.268%
5	6.250	371	373	380	rBV	1918286	1878094	29.66%	4.281%
6	6.364	380	383	385	rBV	3017970	3487702	55.08%	7.951%
7	6.582	400	402	405	rBV	809279	1058652	16.72%	2.413%
8	6.742	414	416	419	rBV	4045869	4110548	64.92%	9.371%
9	7.164	450	453	455	rBV	3339660	4013389	63.39%	9.149%
10	7.873	513	515	518	rBV	1374311	1356564	21.43%	3.093%
11	8.959	607	610	613	rBV	6071991	6088935	96.17%	13.881%
12	9.622	666	668	671	rBV	1646372	1577611	24.92%	3.596%
13	9.862	684	689	693	rBV	42447	64598	1.02%	0.147%
14	10.411	734	737	740	rBV	2825863	2721992	42.99%	6.205%
15	11.096	795	797	800	rBV	1592553	1591665	25.14%	3.628%
16	11.656	843	846	851	rBV2	669450	733827	11.59%	1.673%
17	12.354	904	907	912	rBV2	73272	191328	3.02%	0.436%
18	12.445	912	915	917	rVV	771337	1070977	16.91%	2.441%
19	12.502	919	920	925	rVB2	47615	103238	1.63%	0.235%
20	12.685	933	936	939	rBV	4369224	6331575	100.00%	14.434%
21	13.165	975	978	981	rBV3	36650	72072	1.14%	0.164%
22	13.599	1012	1016	1019	rBV2	56812	111640	1.76%	0.255%
23	13.725	1024	1027	1029	rBV	1668243	1669252	26.36%	3.805%
24	15.005	1136	1139	1140	rBV	44050	67845	1.07%	0.155%
25	15.074	1143	1145	1148	rBV	947728	1156303	18.26%	2.636%

Sum of corrected areas: 43865853

LSC Report - Integrated Chromatogram

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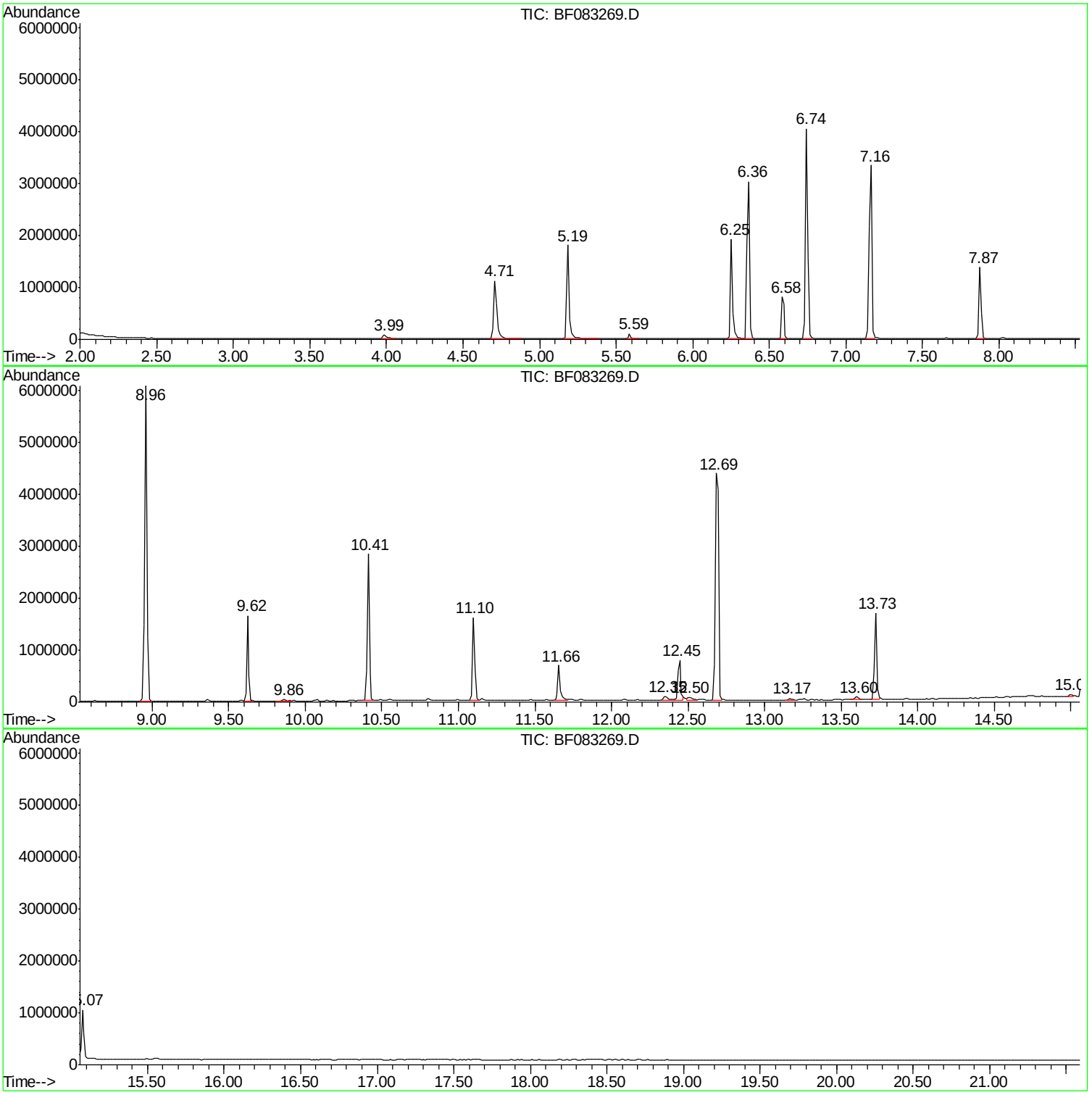
Operator : UM/IZ
Sample : G4534-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-71

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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\BF112515\
Data File : BF083269.D
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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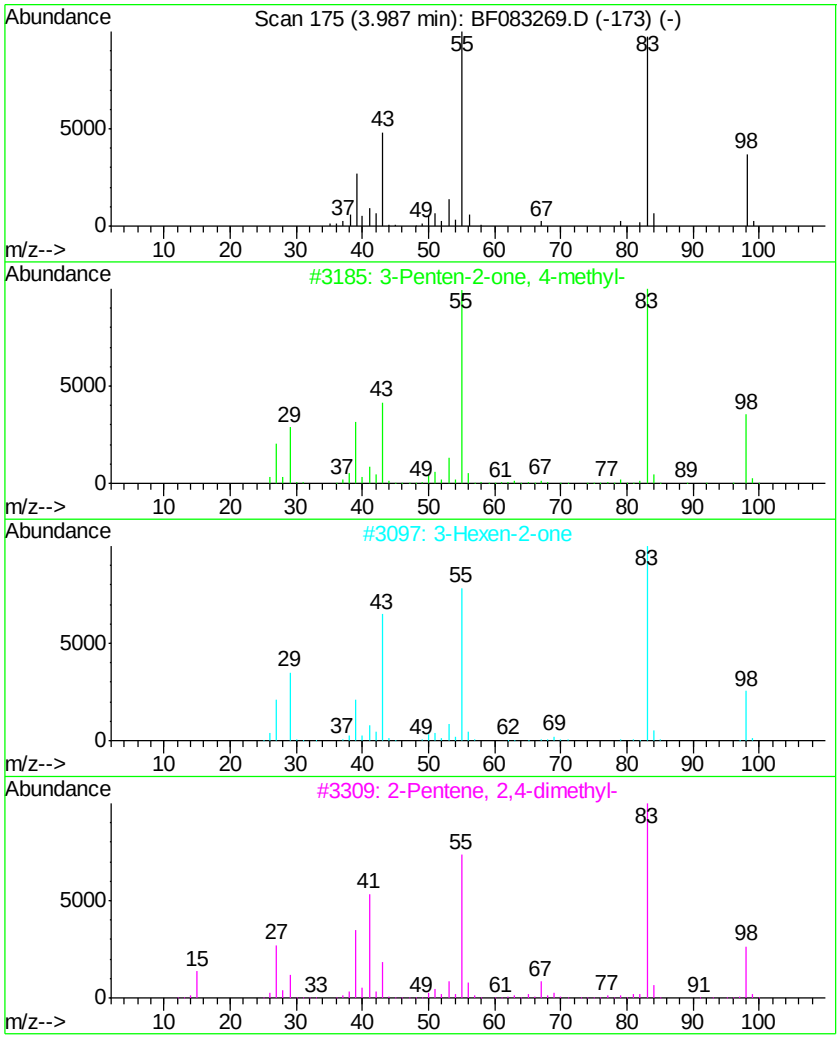
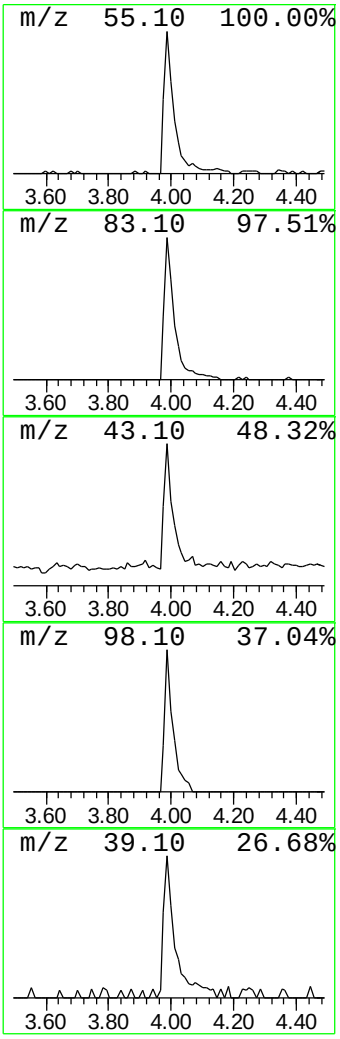
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	2.92 ng	154520	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Operator : UM/IZ
Sample : G4534-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-71

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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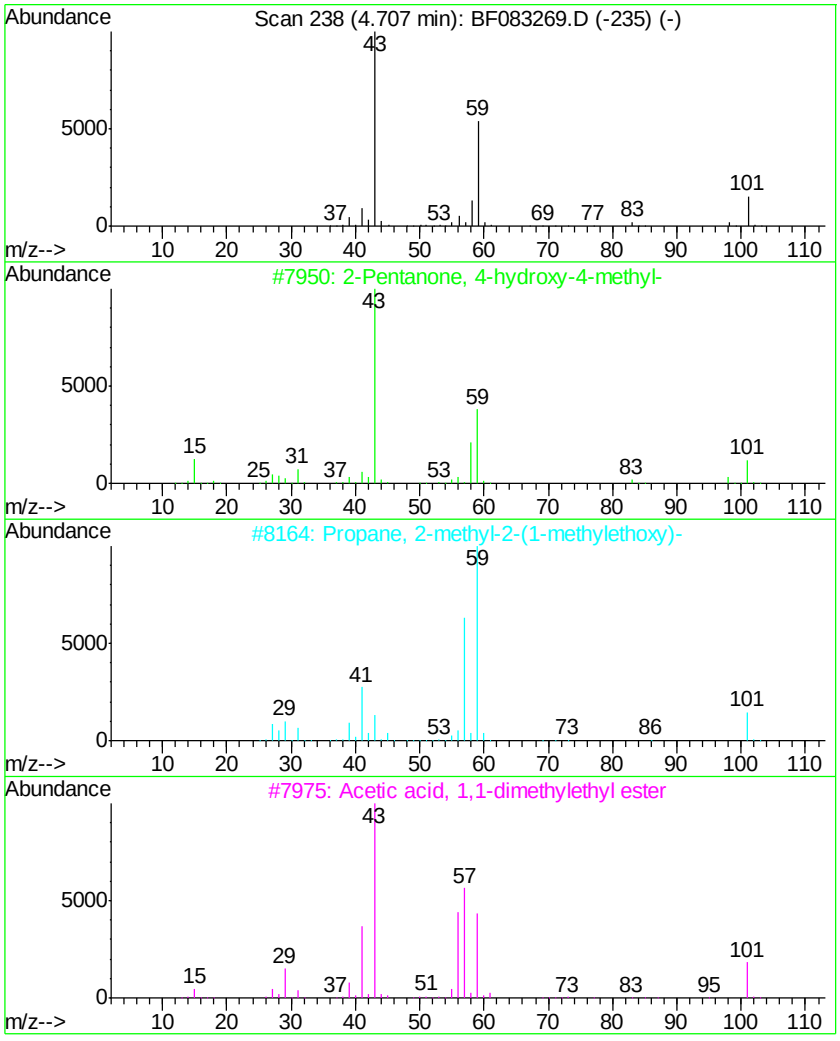
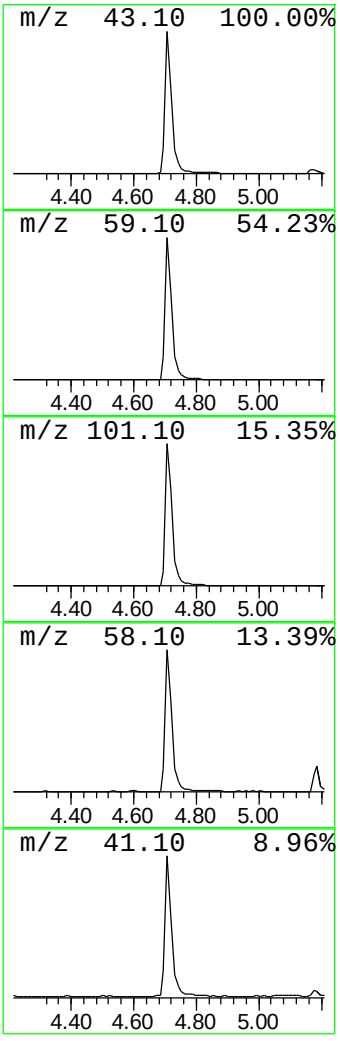
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	30.40 ng	1609230	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Data File : BF083269.D
Acq On : 25 Nov 2015 13:00
Operator : UM/IZ
Sample : G4534-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-71

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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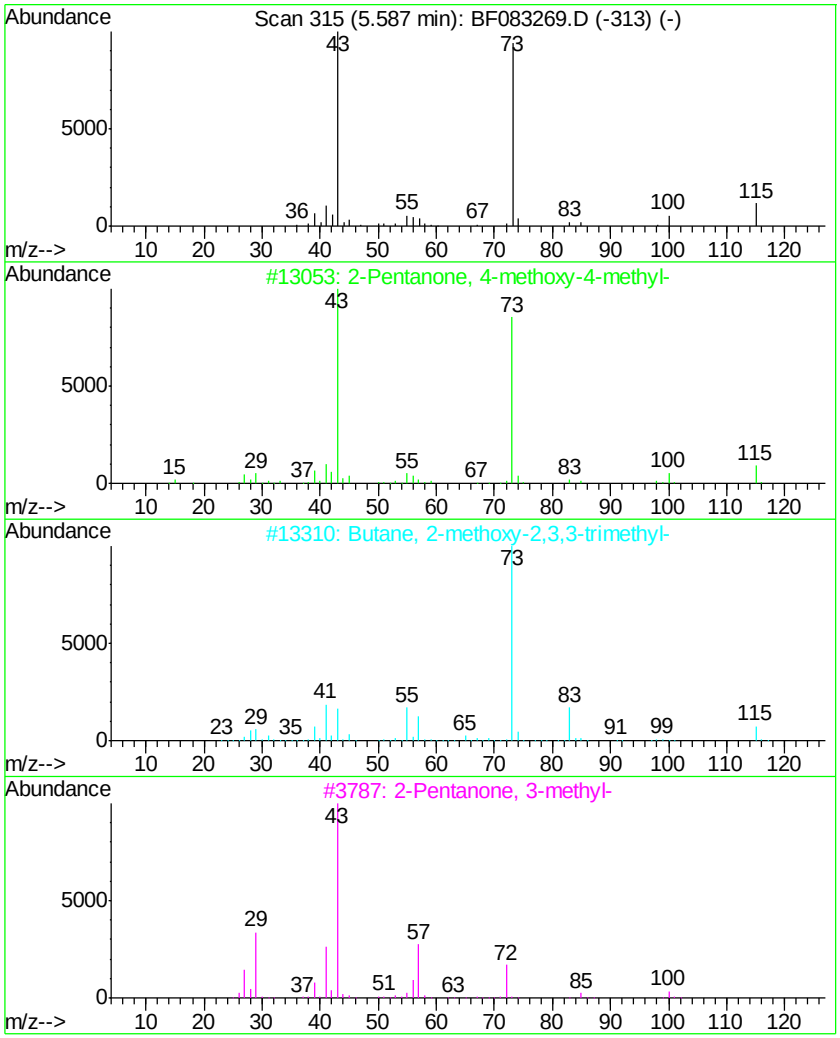
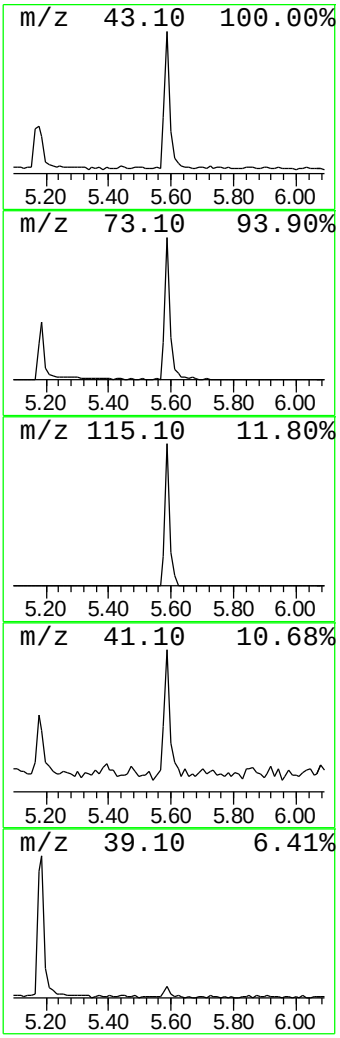
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.22 ng	117712	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	22
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	22
5	2-Hexanone	100	C6H12O	000591-78-6	9





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Data File : BF083269.D
Acq On : 25 Nov 2015 13:00
Operator : UM/IZ
Sample : G4534-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-71

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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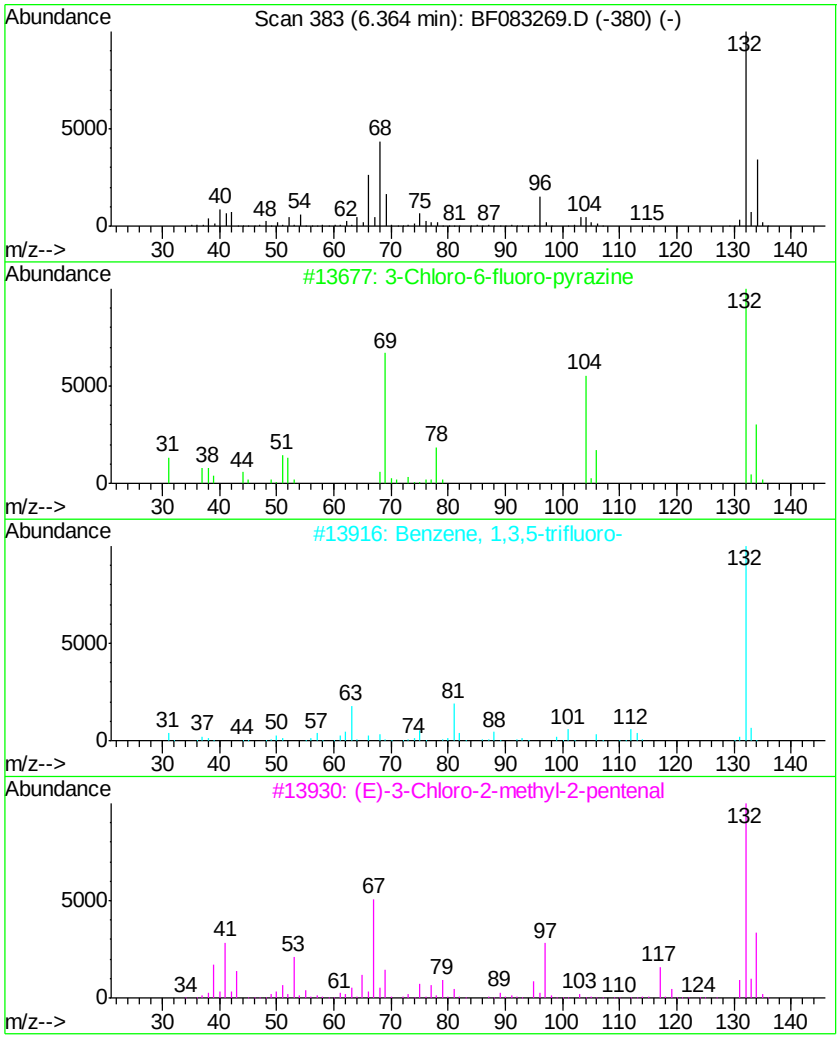
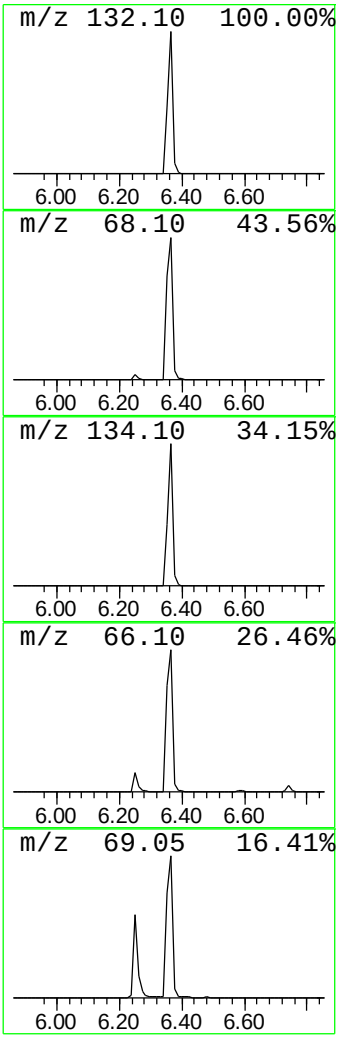
Peak Number 4 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	65.89 ng	3487700	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : UM/IZ
Sample : G4534-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-71

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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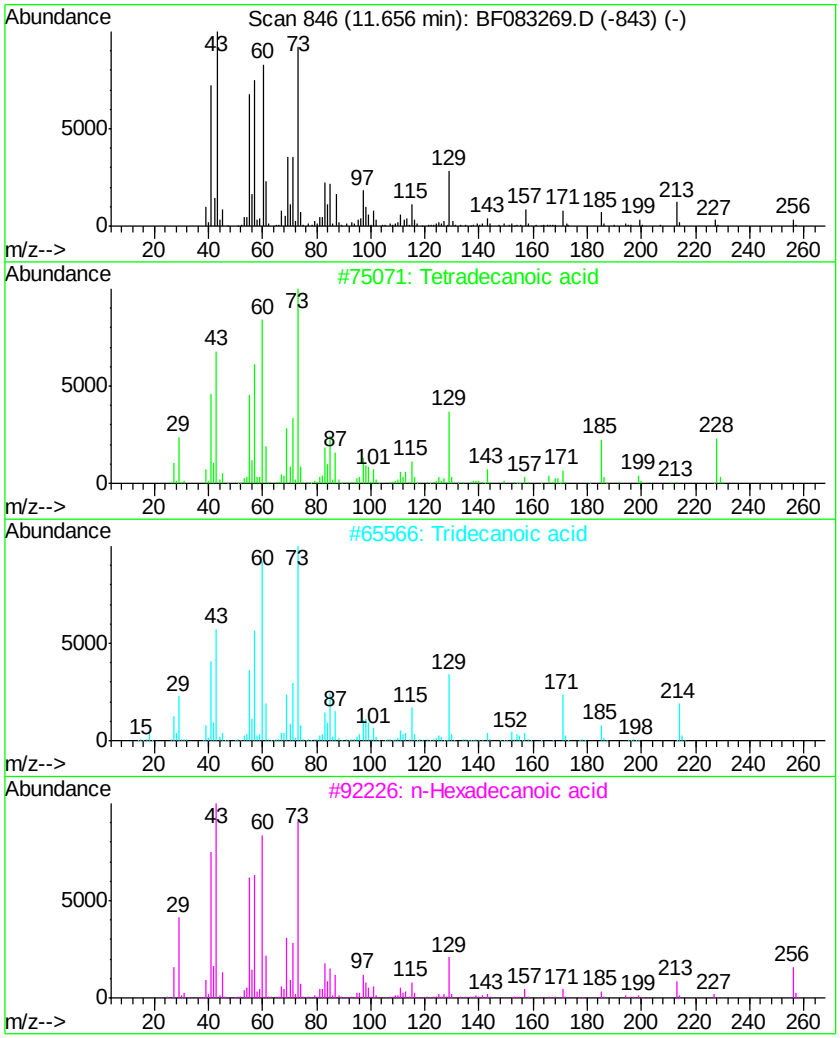
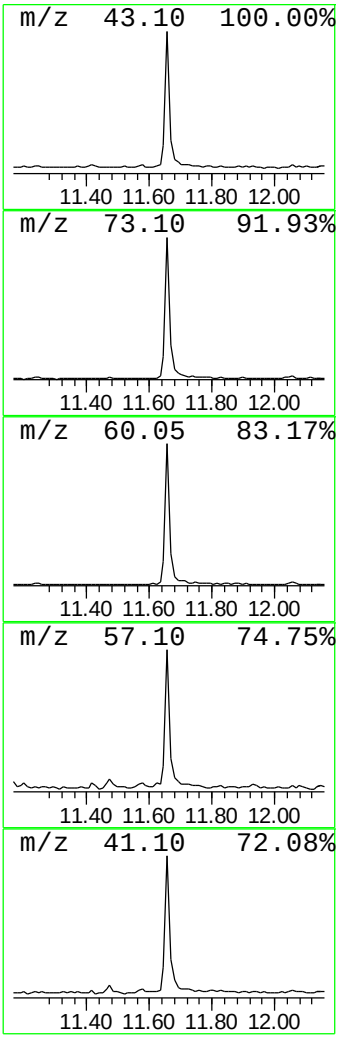
Peak Number 6 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	9.22 ng	733827	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	43





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Instrument : BNA_F
ClientSampleId : MW-71

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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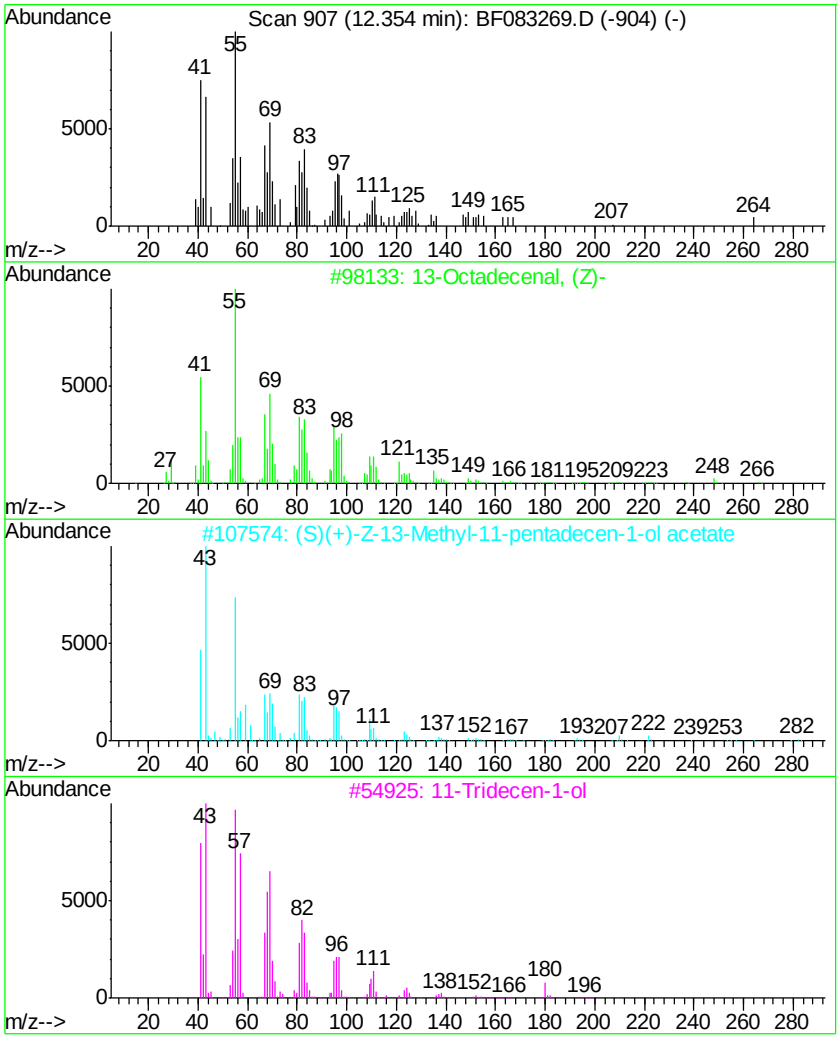
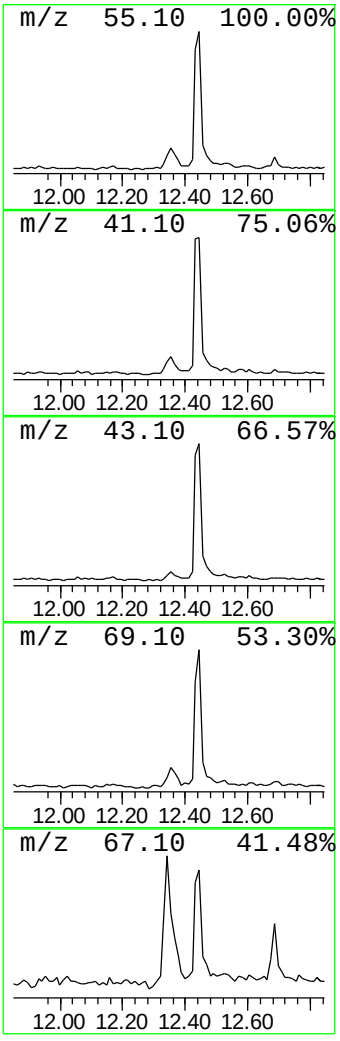
Peak Number 7 13-Octadecenal, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.40 ng	191328	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	80
2	(S)(+)-Z-13-Methyl-11-pentadecen...	282	C18H34O2	1000130-84-8	72
3	11-Tridecen-1-ol	198	C13H26O	1000130-96-8	64
4	cis-11-Hexadecenal	238	C16H30O	053939-28-9	64
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	58





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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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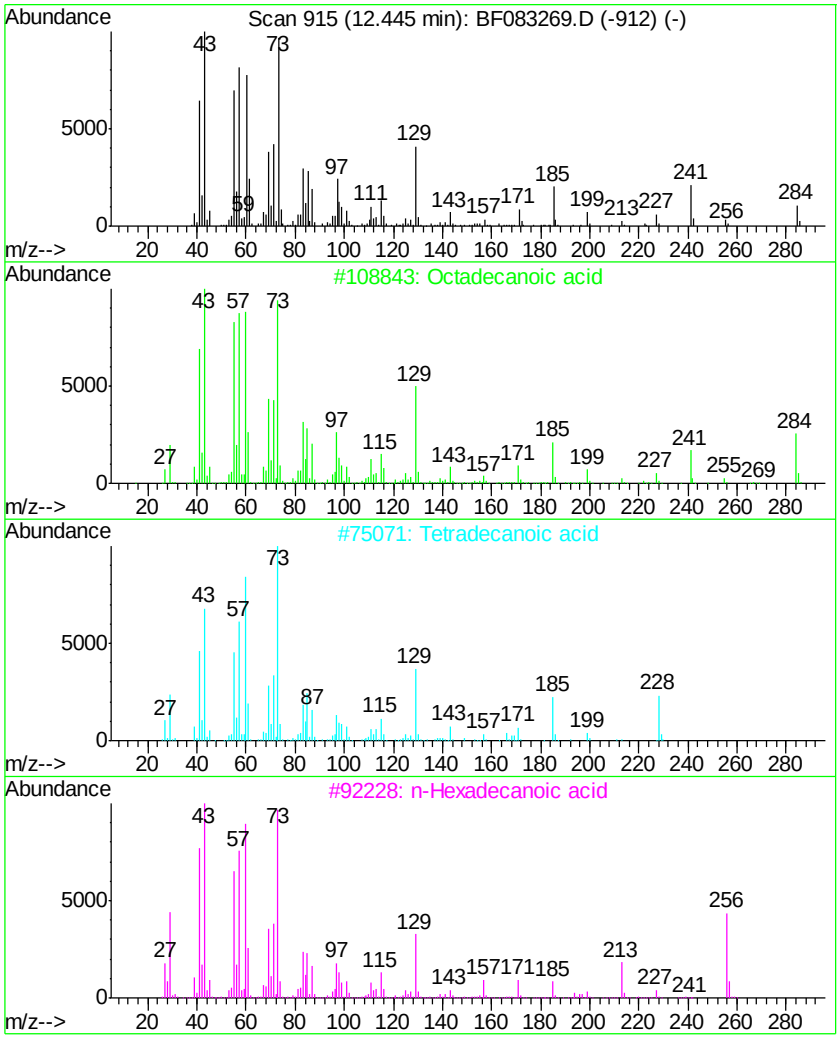
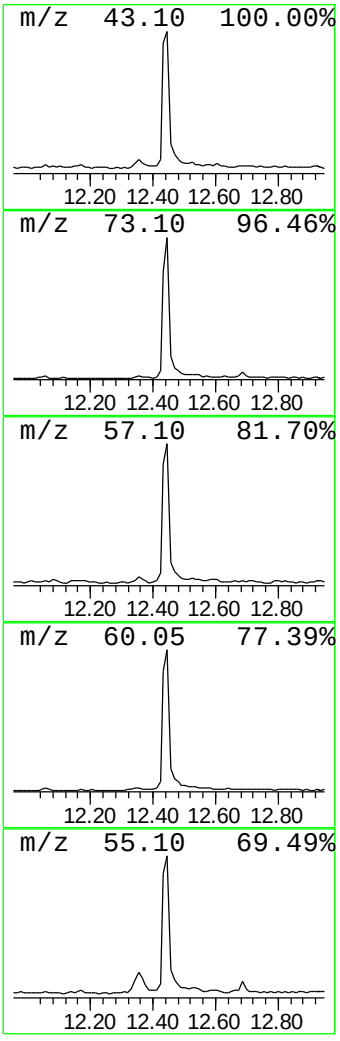
Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	12.83 ng	1070980	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





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...	3.99	2.9	ng	154520	1	6.59	1058650	20.0
2-Pentanone, 4-hy...	4.71	30.4	ng	1609230	1	6.59	1058650	20.0
2-Pentanone, 4-me...	5.59	2.2	ng	117712	1	6.59	1058650	20.0
unknown6.36	6.36	65.9	ng	3487700	1	6.59	1058650	20.0
Tetradecanoic acid	11.66	9.2	ng	733827	4	11.10	1591670	20.0
13-Octadecenal, (Z)-	12.35	2.4	ng	191328	4	11.10	1591670	20.0
Octadecanoic acid	12.45	12.8	ng	1070980	5	13.73	1669250	20.0