LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084498.D
Acq On : 15 Jan 2016 18:38
Operator : SJ/UM
Sample : H1127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REDSOIL

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	4.350	194	198	202	rBV2	107642	174815	1.90%	0.212%
2	5.013	252	256	269	rVB	3140074	5076340	55.12%	6.168%
3	5.436	290	293	296	rBV	6362629	8580097	93.17%	10.426%
4	5.824	325	327	330	rBV	207419	242696	2.64%	0.295%
5	6.476	380	384	386	rBV	7644792	9116376	98.99%	11.078%
6	6.601	392	395	397	rBV	6288272	8899133	96.63%	10.814%
7	6.819	412	414	417	rBV	1953213	1672711	18.16%	2.033%
8	6.979	425	428	430	rBV	7080698	6287363	68.27%	7.640%
9	7.390	461	464	466	rBV	5377659	5628918	61.12%	6.840%
10	7.493	470	473	479	rVB	88212	127767	1.39%	0.155%
11	8.110	524	527	529	rBV	2340617	2289601	24.86%	2.782%
12	9.185	618	621	624	rBV	6060140	9209554	100.00%	11.191%
13	9.585	653	656	658	rBV	2238924	1943949	21.11%	2.362%
14	9.802	671	675	677	rBV	224329	220691	2.40%	0.268%
15	9.859	678	680	683	rVB	1940529	2383056	25.88%	2.896%
16	10.305	715	719	720	rBV	249781	266896	2.90%	0.324%
17	10.522	735	738	741	rBV	100901	193337	2.10%	0.235%
18	10.659	747	750	752	rBV	4640226	5751988	62.46%	6.989%
19	10.773	758	760	767	rVB	313964	376766	4.09%	0.458%
20	11.219	797	799	801	rBV	178955	172290	1.87%	0.209%
21	11.345	808	810	813	rBV	2493023	2271238	24.66%	2.760%
22	11.402	813	815	819	rVB	52639	96152	1.04%	0.117%
23	12.934	946	949	952	rBV	5558815	6864982	74.54%	8.342%
24	13.848	1026	1029	1038	rBV	477729	857580	9.31%	1.042%
25	13.985	1038	1041	1043	rBV	1784044	1786724	19.40%	2.171%
26	14.465	1080	1083	1090	rBV5	44102	120433	1.31%	0.146%
27	15.402	1162	1165	1168	rBV	1295198	1543797	16.76%	1.876%
28	15.917	1208	1210	1215	rBV4	39331	140195	1.52%	0.170%

Sum of corrected areas: 82295445

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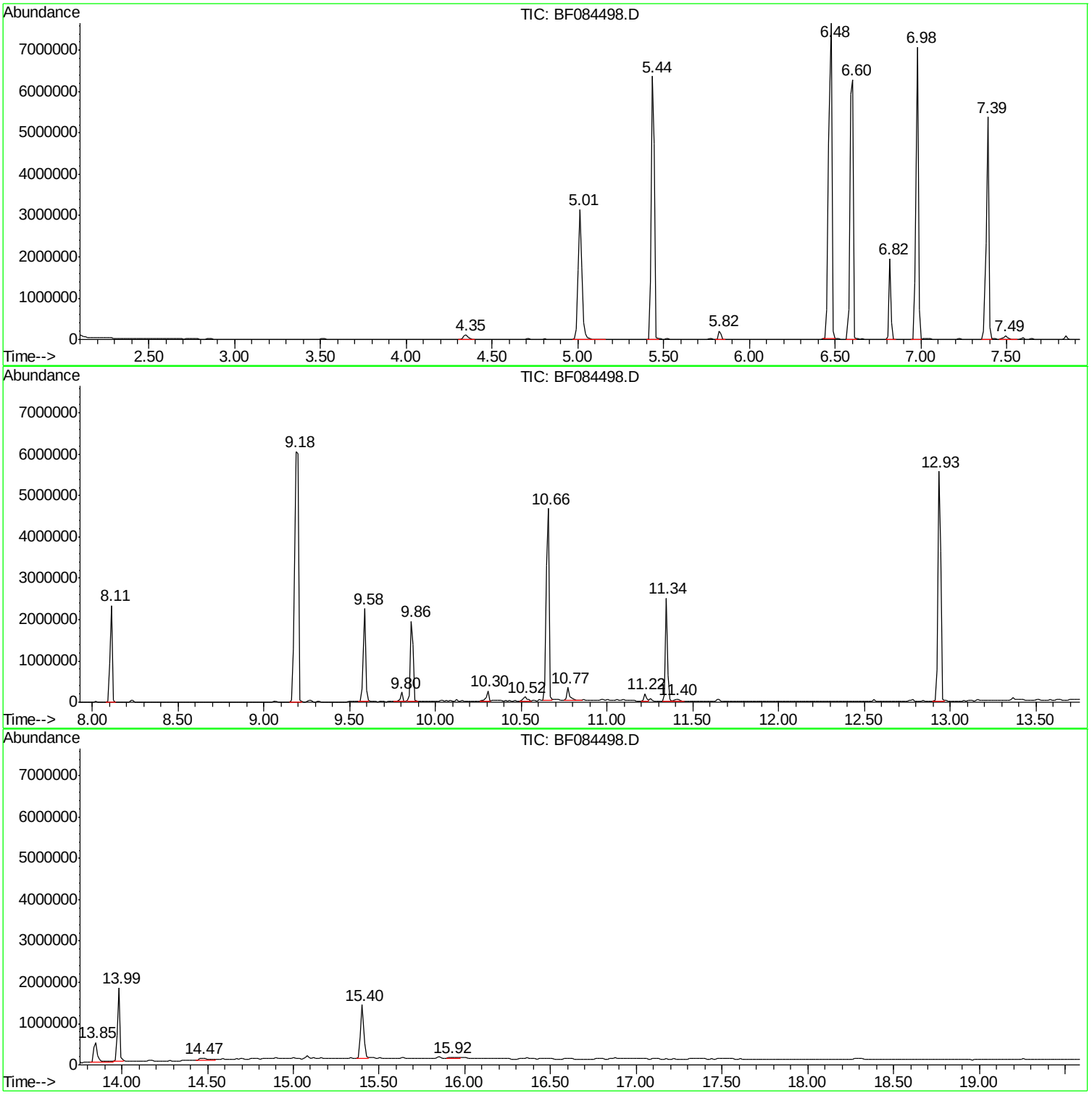
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REDSOIL

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084498.D
Acq On : 15 Jan 2016 18:38
Operator : SJ/UM
Sample : H1127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REDSOIL

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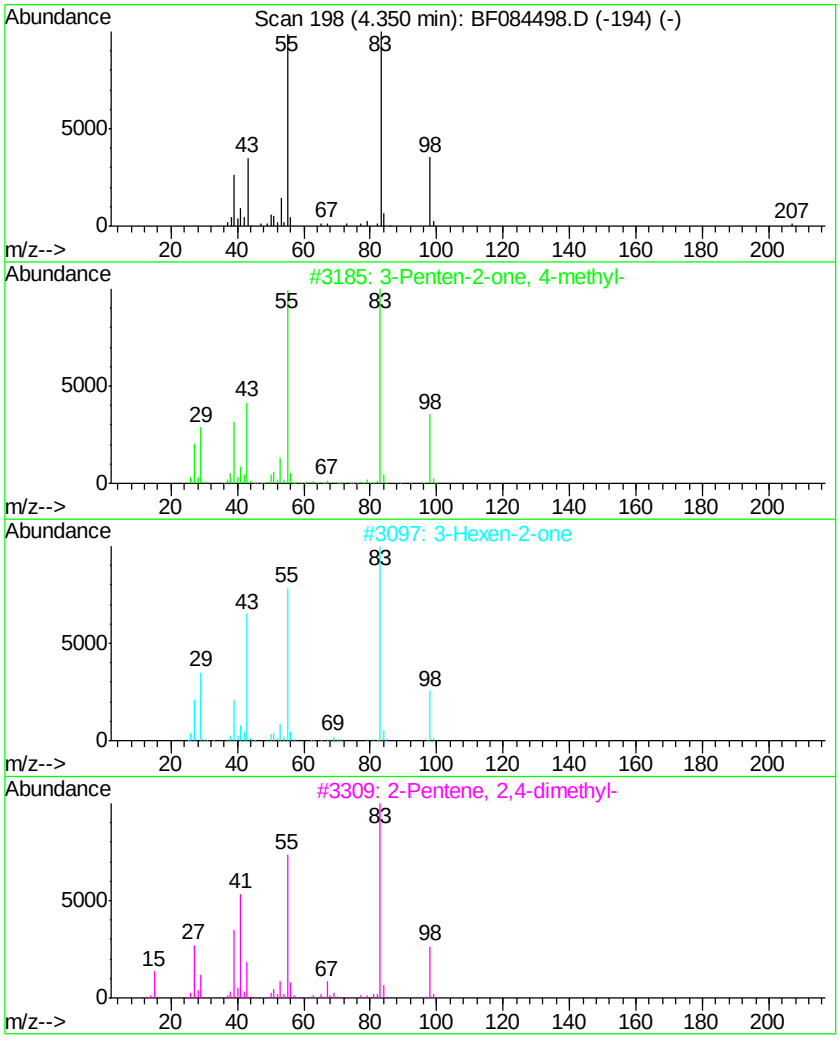
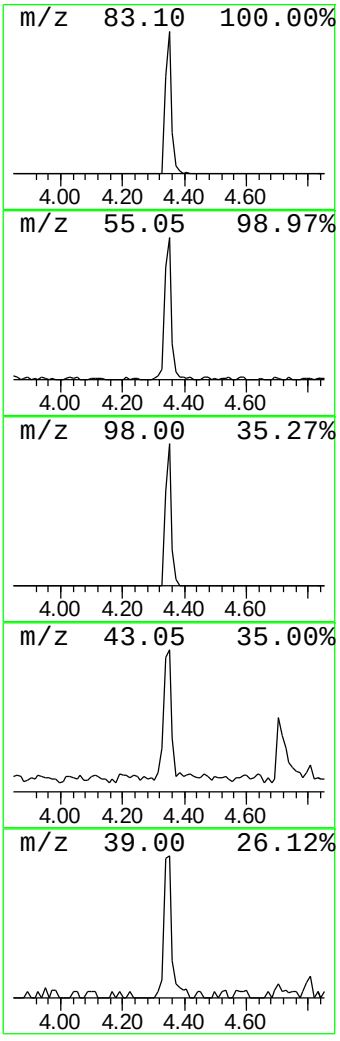
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.09 ng	174815	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	93
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Data File : BF084498.D
Acq On : 15 Jan 2016 18:38
Operator : SJ/UM
Sample : H1127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REDSOIL

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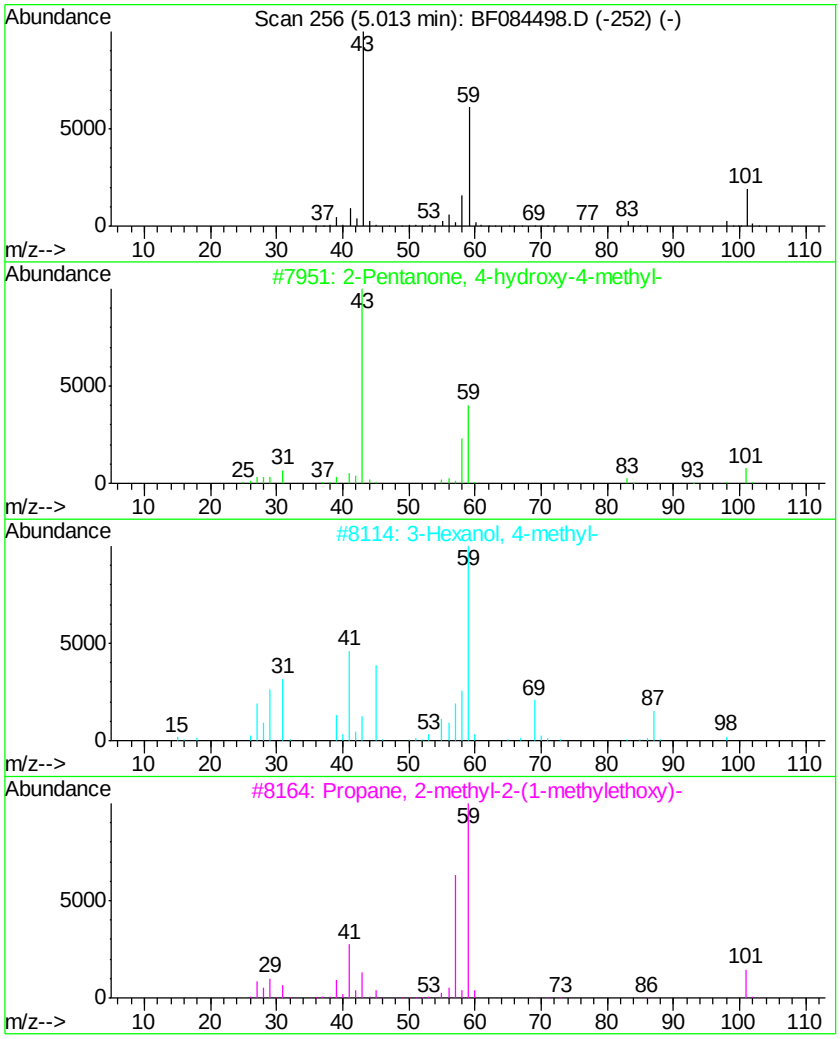
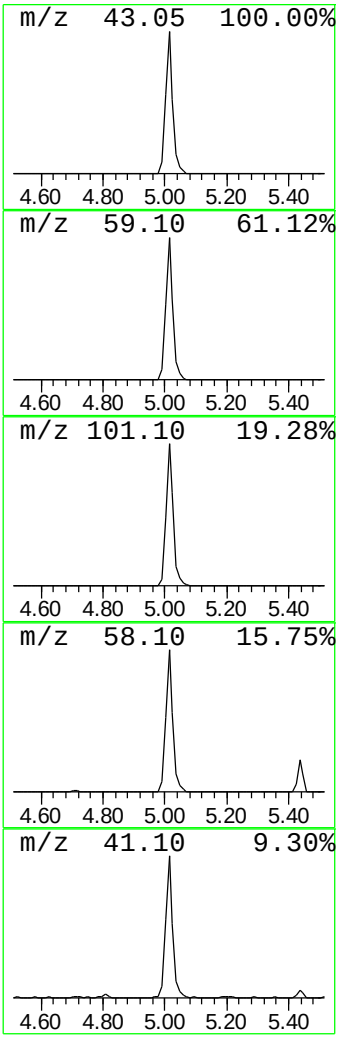
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	60.70 ng	5076340	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084498.D
Acq On : 15 Jan 2016 18:38
Operator : SJ/UM
Sample : H1127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REDSOIL

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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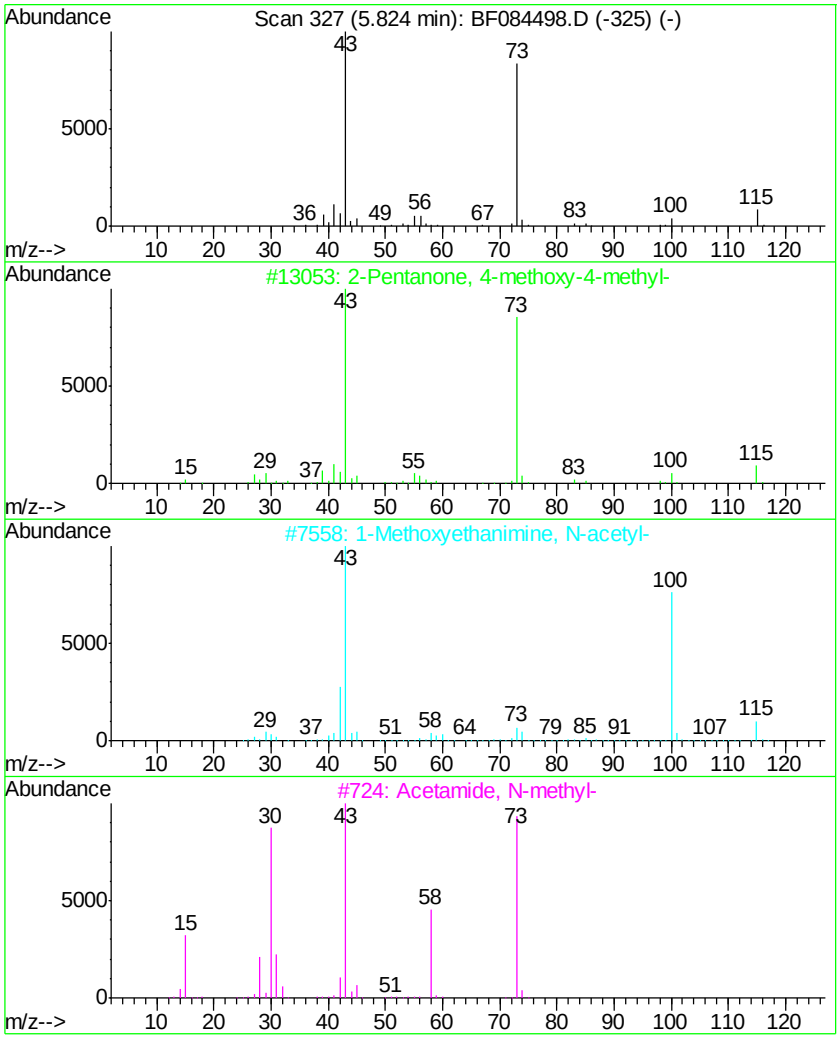
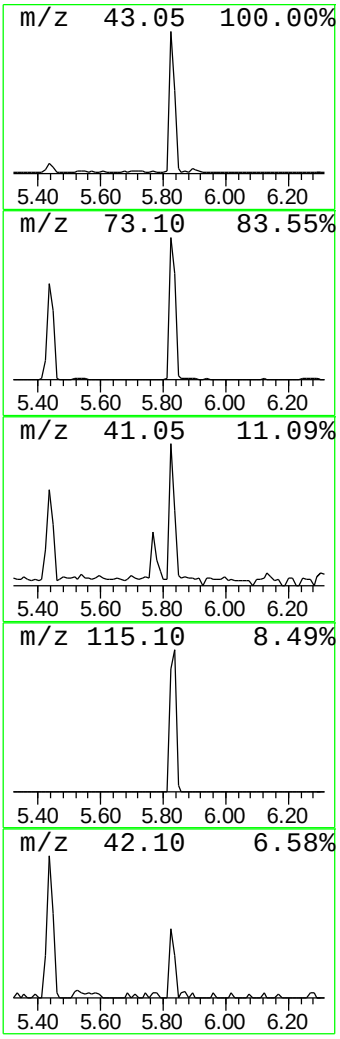
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	2.90 ng	242696	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	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	47
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	32
5	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25





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Operator : SJ/UM
Sample : H1127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REDSOIL

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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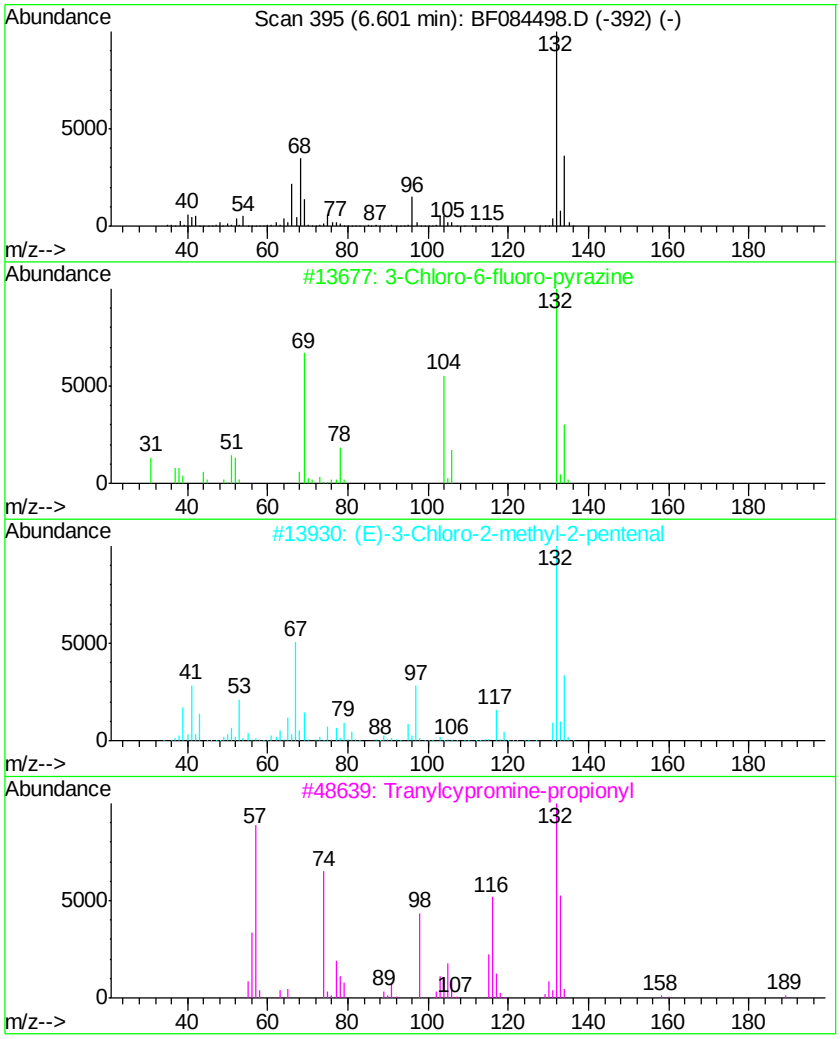
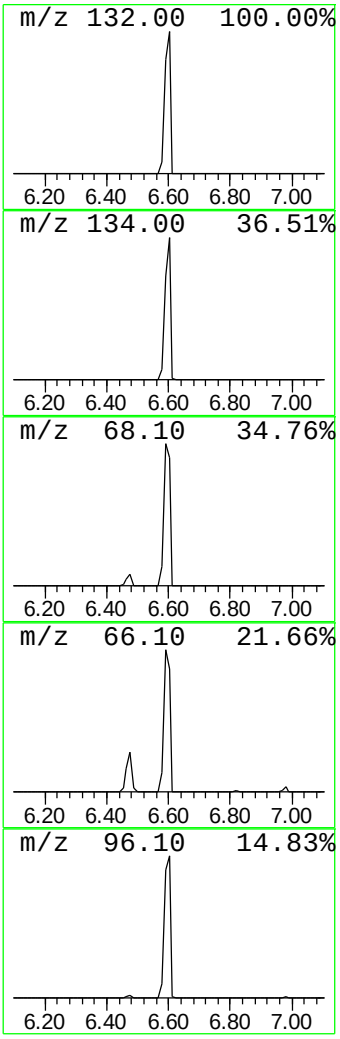
Peak Number 4 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	106.40 ng	8899130	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : H1127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REDSOIL

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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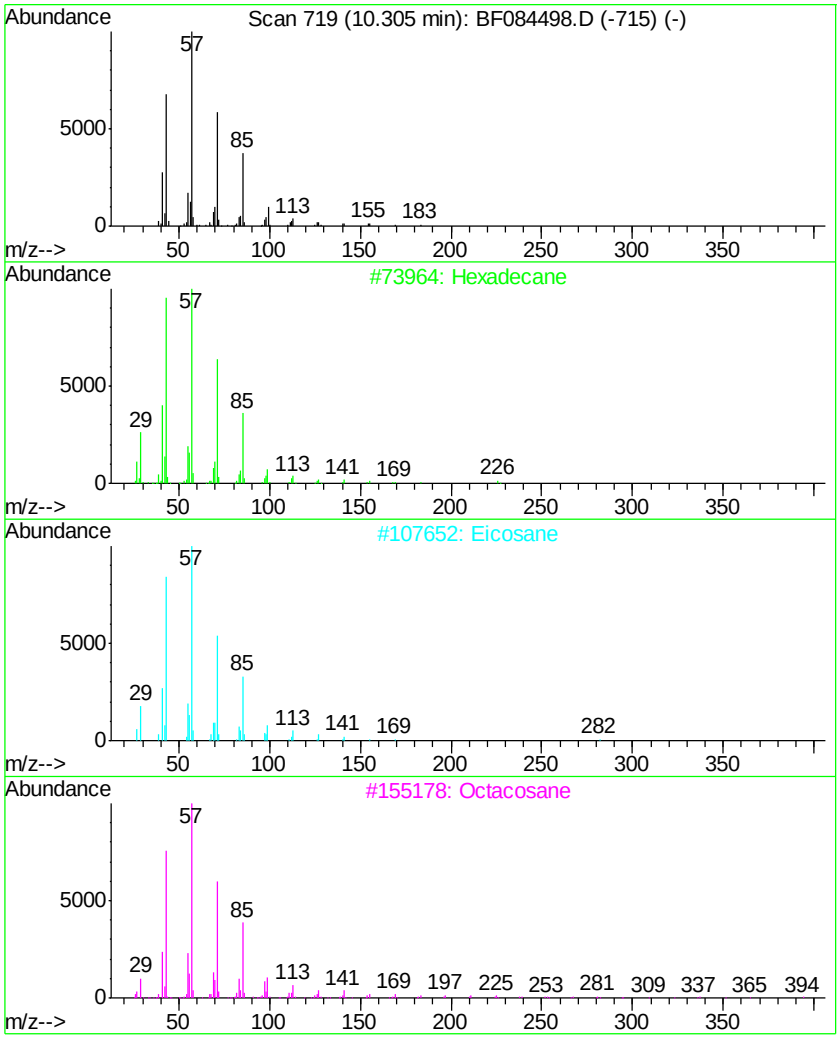
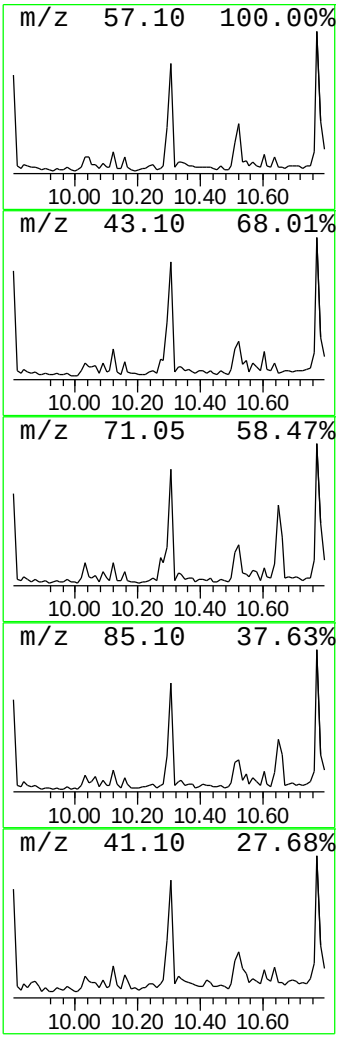
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.24 ng	266896	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Tetradecane	198	C14H30	000629-59-4	80





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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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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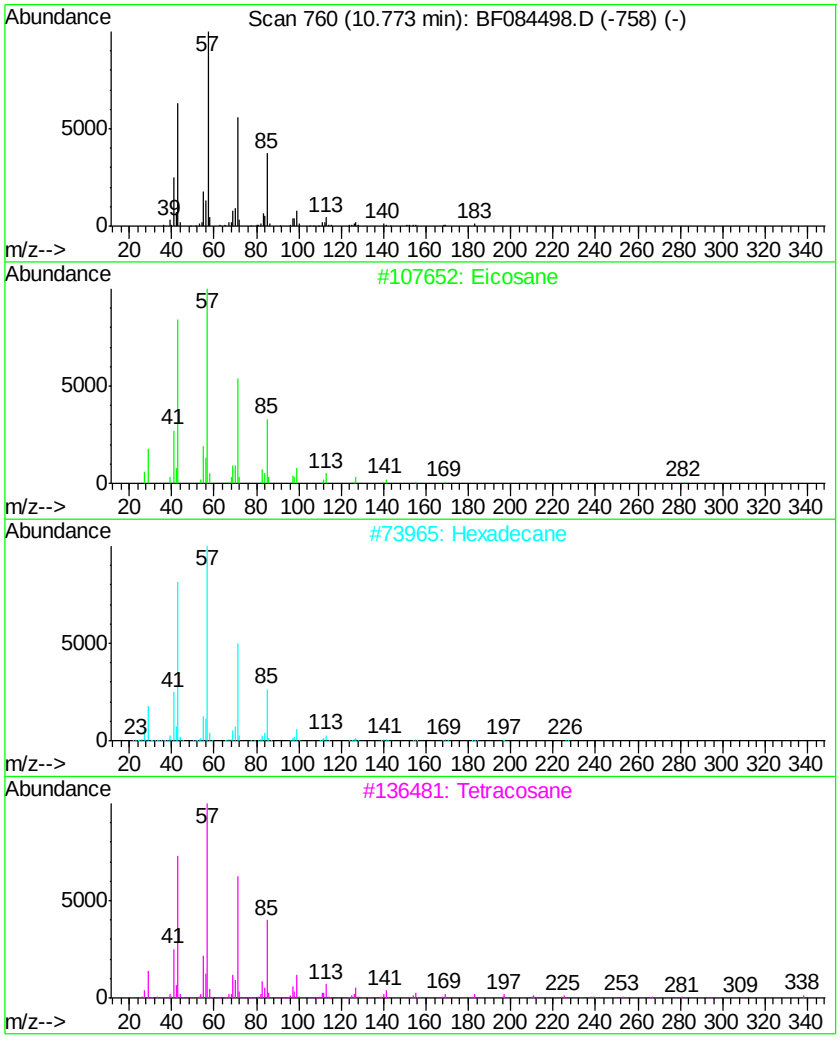
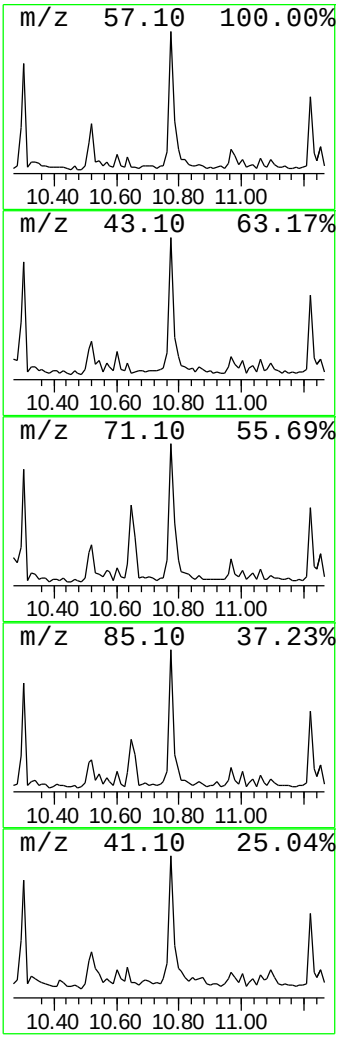
Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.32 ng	376766	Phenanthrene-d10	11.34

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	Tetracosane	338	C24H50	000646-31-1	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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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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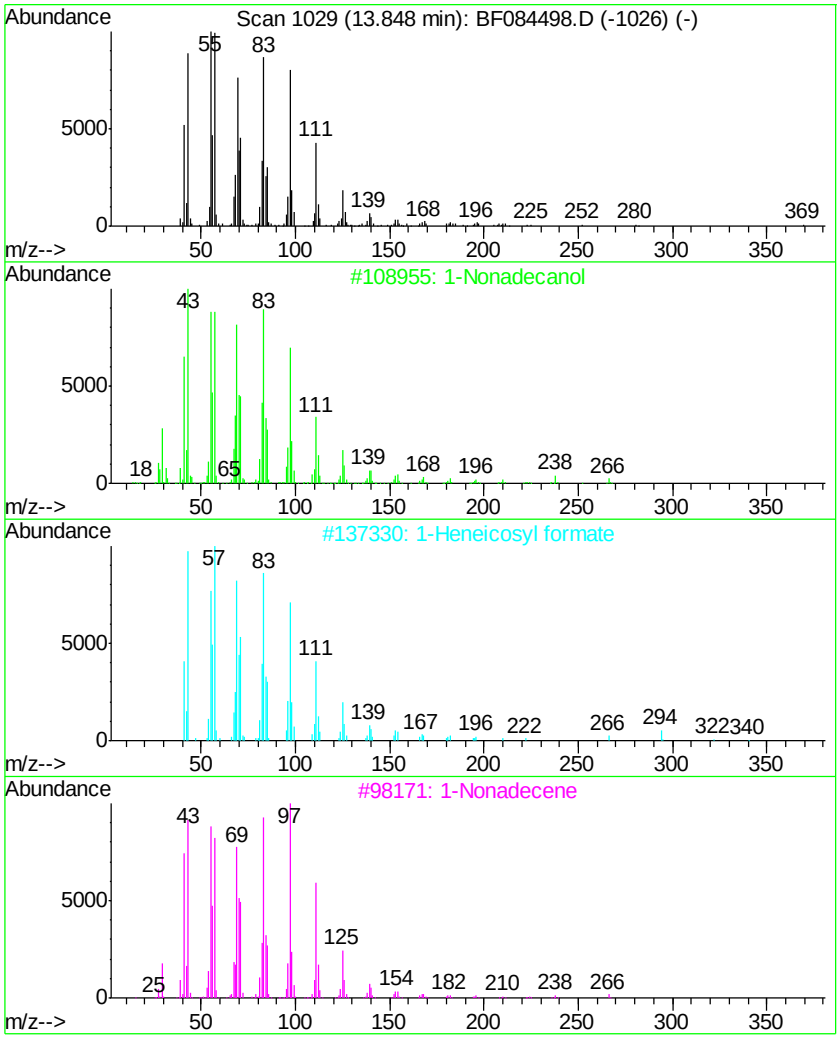
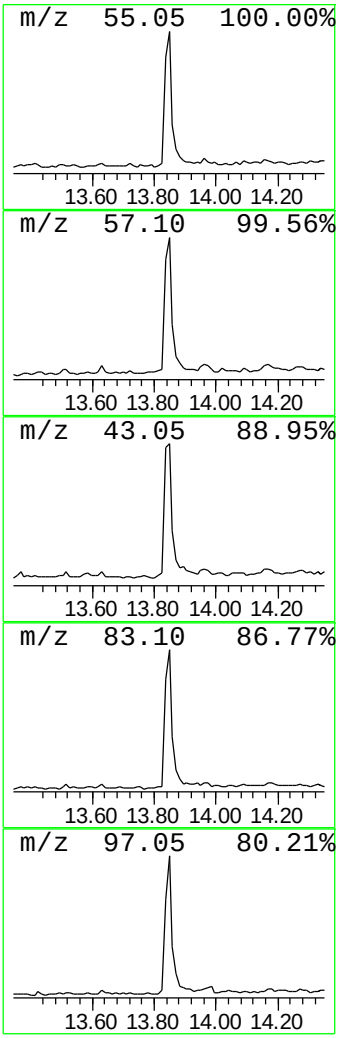
Peak Number 8 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.60 ng	857580	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





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...	4.35	2.1	ng	174815	1	6.82	1672710	20.0
2-Pentanone, 4-hy...	5.01	60.7	ng	5076340	1	6.82	1672710	20.0
2-Pentanone, 4-me...	5.82	2.9	ng	242696	1	6.82	1672710	20.0
unknown6.60	6.60	106.4	ng	8899130	1	6.82	1672710	20.0
Hexadecane	10.30	2.2	ng	266896	3	9.86	2383060	20.0
Eicosane	10.77	3.3	ng	376766	4	11.34	2271240	20.0
1-Nonadecanol	13.85	9.6	ng	857580	5	13.98	1786720	20.0