LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090567.D
Acq On : 14 Oct 2016 13:50
Operator : UM/SJ
Sample : H4977-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15M

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-BF101316.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	5.114	240	243	252	rBV	889830	1441869	32.34%	3.457%
2	5.526	277	279	303	rBV	3238592	4084782	91.63%	9.794%
3	6.554	366	369	378	rBV	3249588	4457984	100.00%	10.689%
4	6.692	378	381	383	rBV	2978562	4197746	94.16%	10.065%
5	6.920	399	401	412	rBV	795330	1102066	24.72%	2.642%
6	7.069	412	414	417	rBV	2120117	2597136	58.26%	6.227%
7	7.480	447	450	456	rBV	1992673	2545606	57.10%	6.104%
8	7.572	456	458	466	rVB	77485	210789	4.73%	0.505%
9	8.200	511	513	523	rBV	1155497	1626452	36.48%	3.900%
10	8.326	523	524	531	rVV2	24154	65520	1.47%	0.157%
11	9.286	605	608	610	rBV	2899509	3534226	79.28%	8.474%
12	9.675	640	642	649	rBV	1561575	1519677	34.09%	3.644%
13	9.960	665	667	680	rVB	2075063	1990866	44.66%	4.774%
14	10.372	701	703	704	rBV	53174	66513	1.49%	0.159%
15	10.395	704	705	707	rVB	66480	50397	1.13%	0.121%
16	10.612	721	724	727	rBV	30663	50433	1.13%	0.121%
17	10.749	734	736	745	rBV	2379074	3062318	68.69%	7.343%
18	10.863	745	746	753	rVB	88999	156858	3.52%	0.376%
19	11.321	783	786	787	rBV	39119	59015	1.32%	0.142%
20	11.446	795	797	810	rBV	1419813	1989784	44.63%	4.771%
21	11.675	814	817	822	rBV	204231	280129	6.28%	0.672%
22	13.035	934	936	949	rBV	3233031	3560809	79.87%	8.538%
23	13.927	1012	1014	1020	rBV2	90975	178504	4.00%	0.428%
24	14.087	1026	1028	1041	rVB	1082121	1702792	38.20%	4.083%
25	15.550	1153	1156	1168	rBV	668401	1173769	26.33%	2.814%

Sum of corrected areas: 41706040

LSC Report - Integrated Chromatogram

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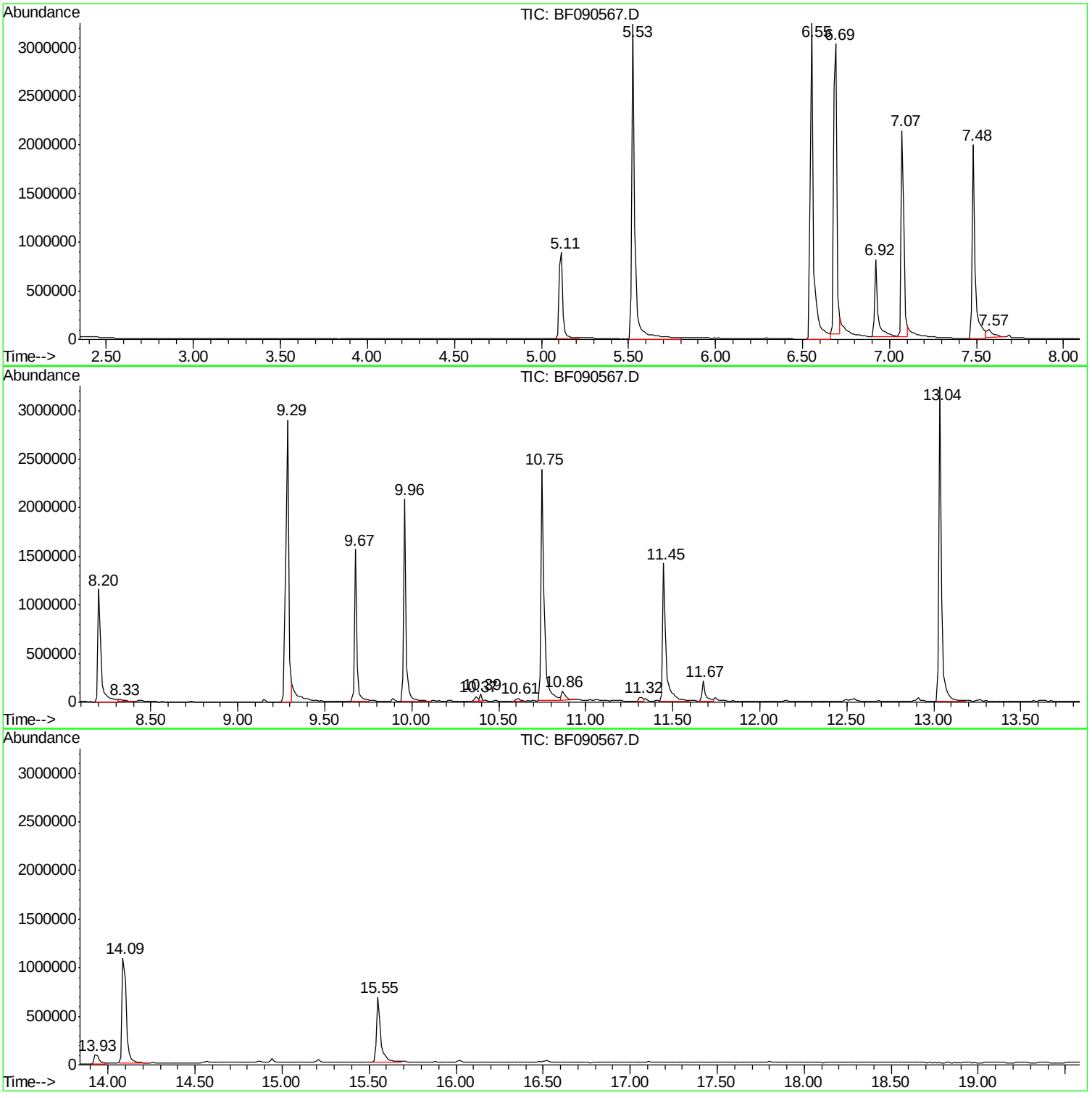
Instrument : BNA_F
ClientSampleId : 15M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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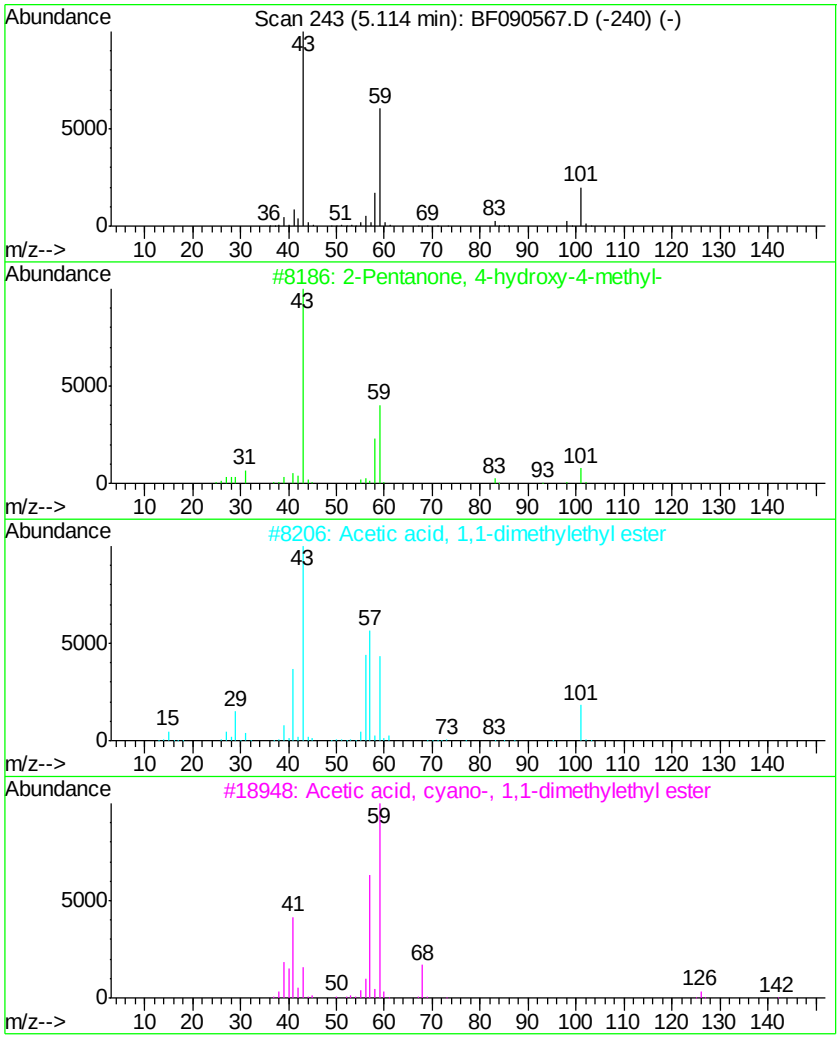
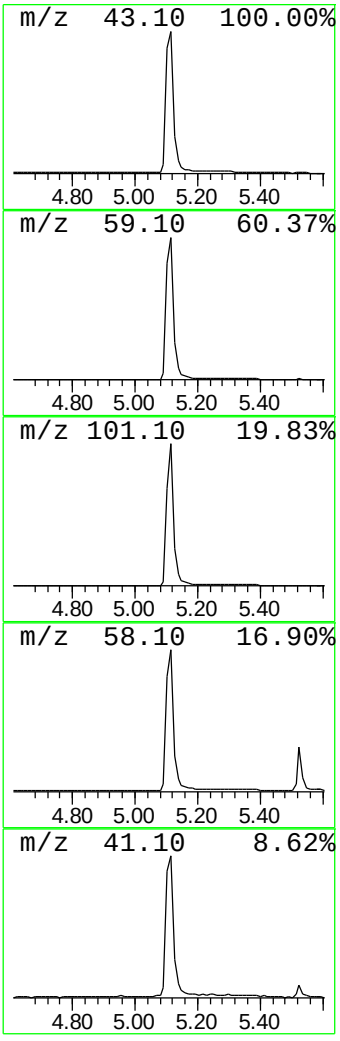
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	26.17 ng	1441870	1,4-Dichlorobenzene-d4	6.92

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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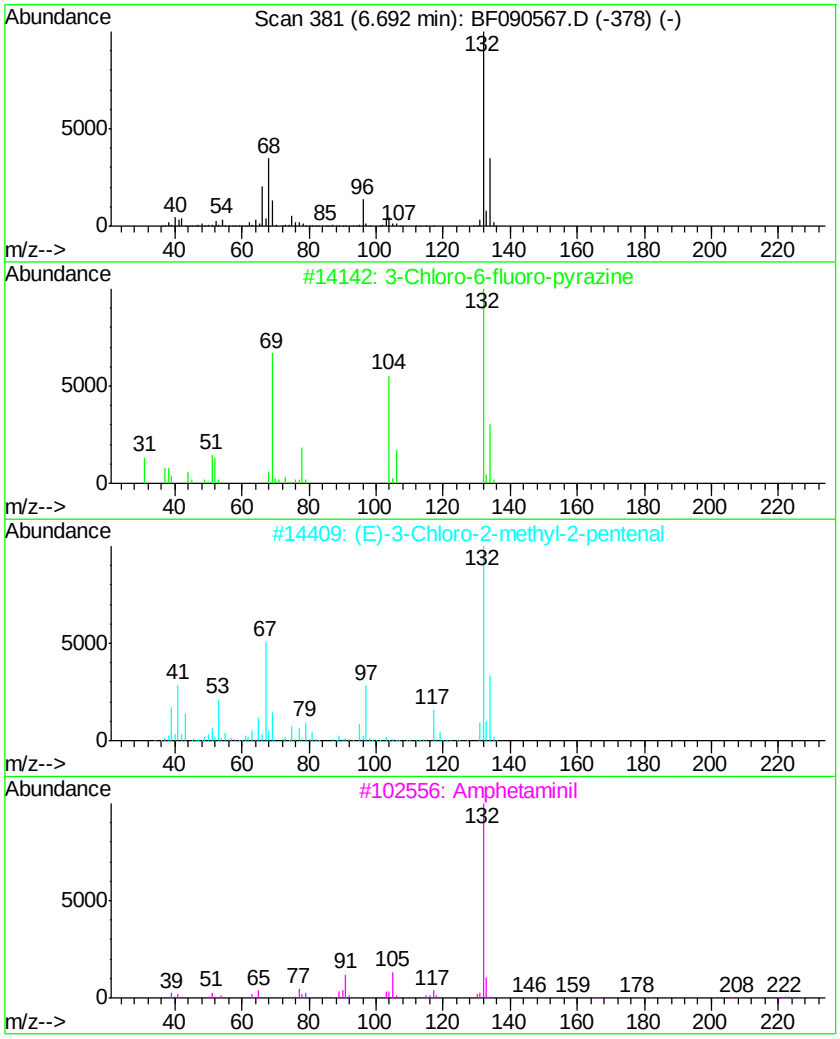
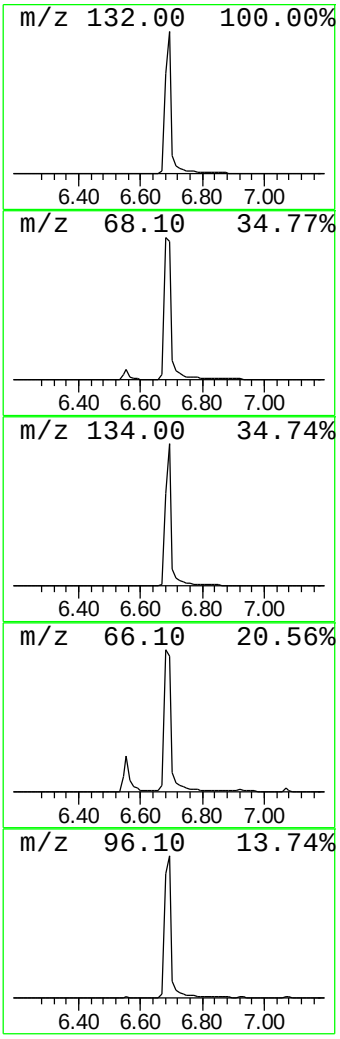
Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	76.18 ng	4197750	1,4-Dichlorobenzene-d4	6.92

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	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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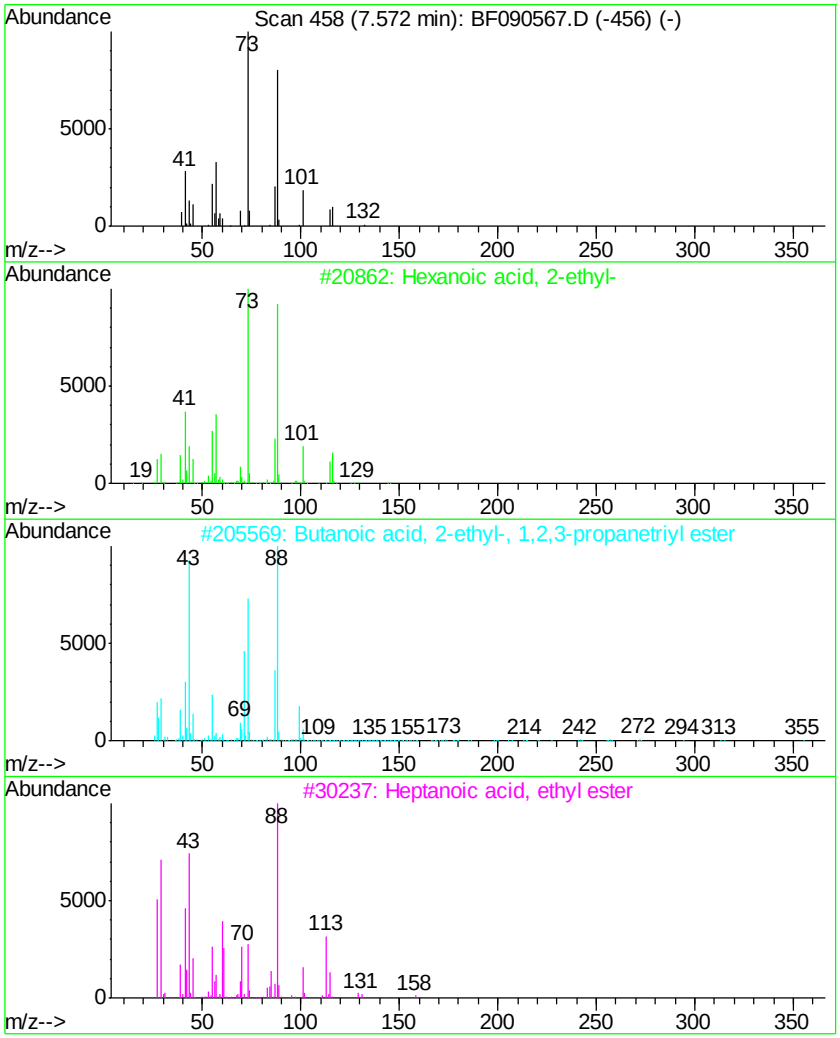
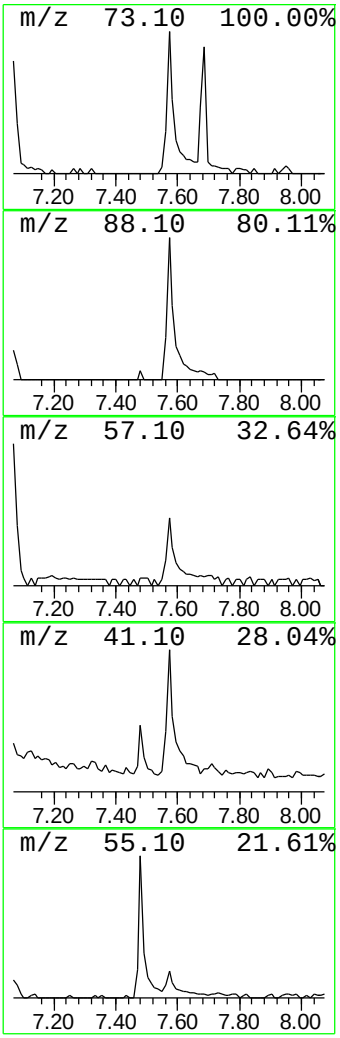
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	2.59 ng	210789	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	36
4	Urea, ethyl-	88	C3H8N2O	000625-52-5	36
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	33





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Instrument : BNA_F
ClientSampleId : 15M

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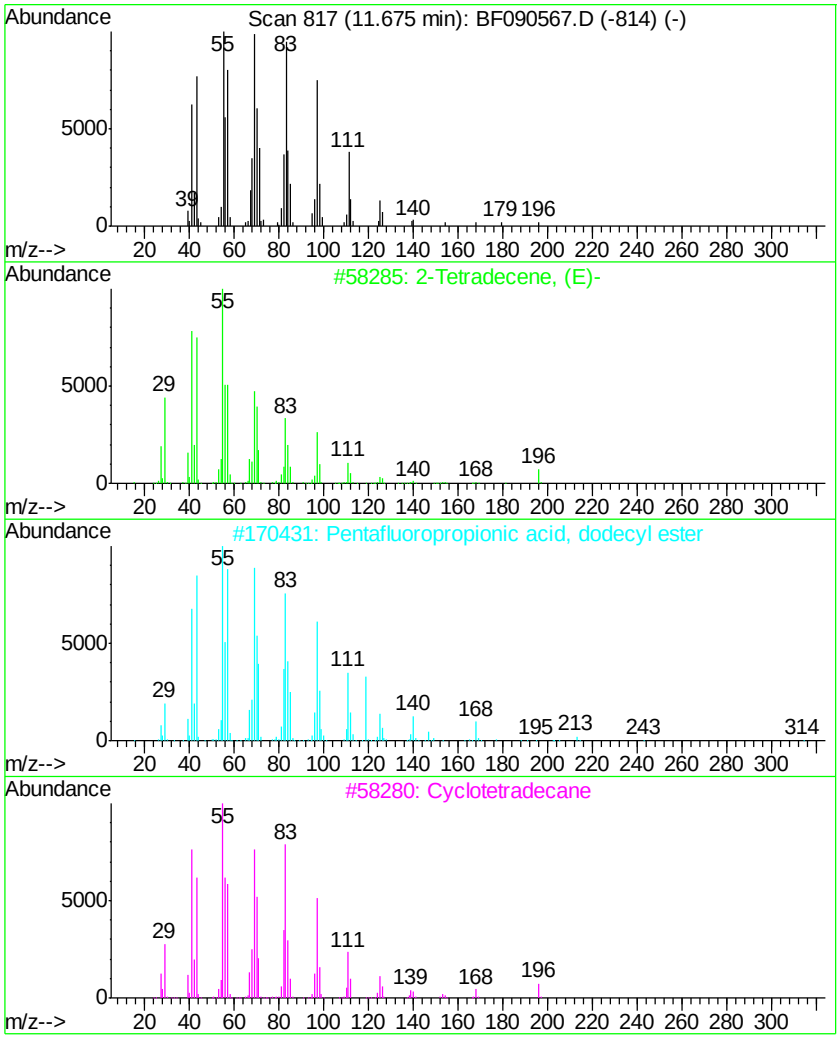
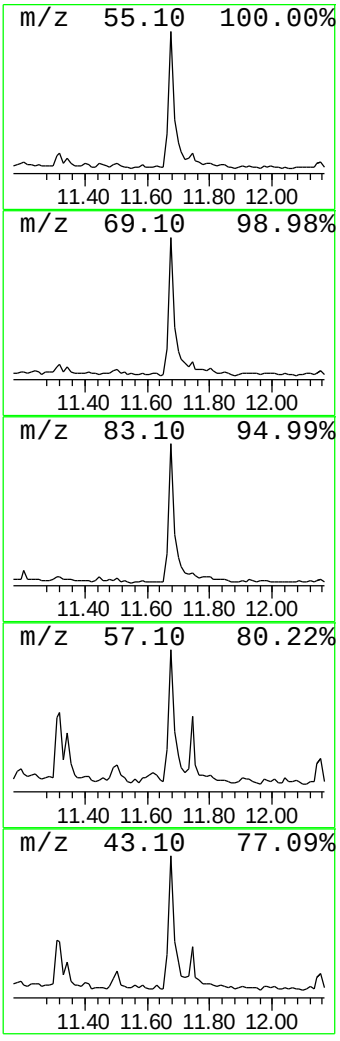
Peak Number 5 2-Tetradecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.82 ng	280129	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	96
2	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	94
3	Cyclotetradecane	196	C14H28	000295-17-0	93
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





Library Search Compound Report

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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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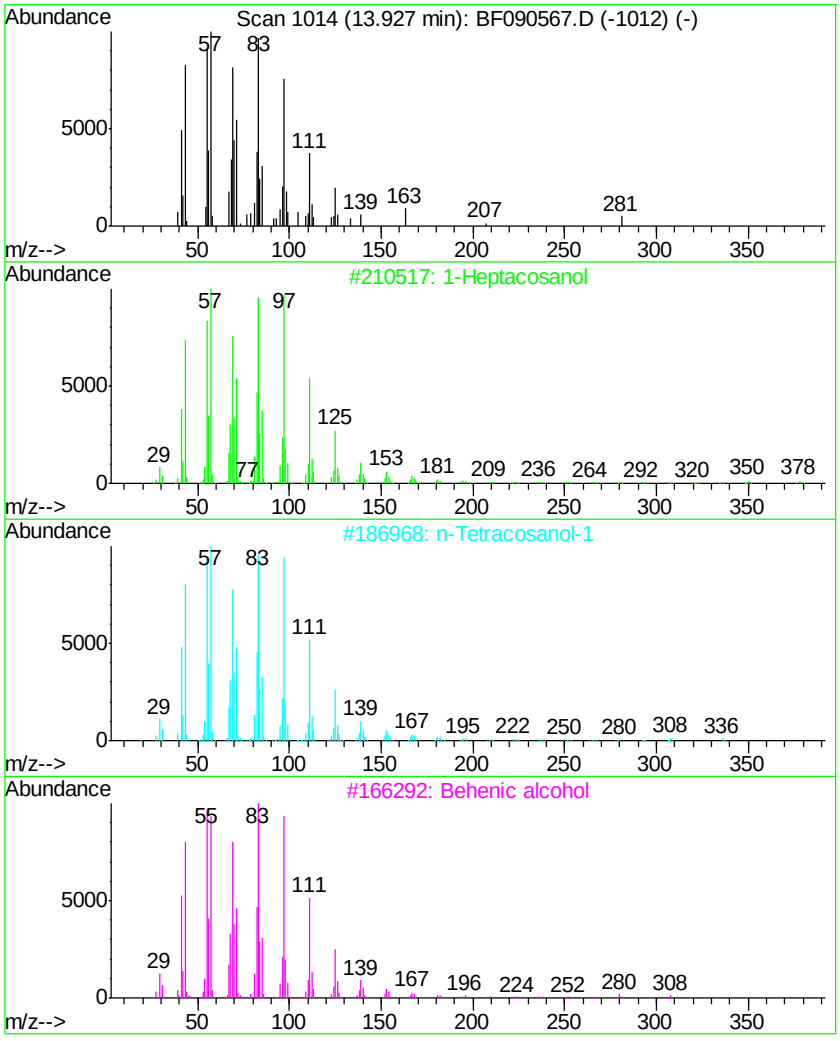
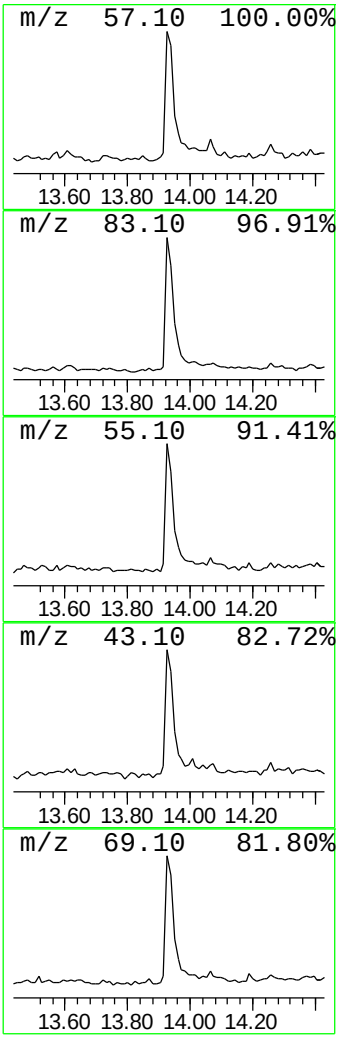
Peak Number 6 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.10 ng	178504	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.11	26.2	ng	1441870	1	6.92	1102070	20.0
unknown6.69	6.69	76.2	ng	4197750	1	6.92	1102070	20.0
Hexanoic acid, 2-...	7.57	2.6	ng	210789	2	8.20	1626450	20.0
2-Tetradecene, (E)-	11.67	2.8	ng	280129	4	11.45	1989780	20.0
1-Heptacosanol	13.93	2.1	ng	178504	5	14.09	1702790	20.0