LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089976.D
Acq On : 2 Sep 2016 15:47
Operator : UM/SJ
Sample : H4675-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-1

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-BF083116.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	1.632	3	4	12	rBV	514420	940120	15.15%	1.633%
2	1.747	12	14	36	rVB	2024735	4500128	72.52%	7.817%
3	4.776	276	279	291	rVB	829706	1422558	22.92%	2.471%
4	5.221	315	318	320	rBV	4430274	5005959	80.67%	8.696%
5	6.284	407	411	413	rBV	4611844	5662813	91.25%	9.837%
6	6.399	418	421	424	rBV	3888896	5446379	87.76%	9.461%
7	6.639	439	442	444	rBV	1149946	1250641	20.15%	2.173%
8	6.787	453	455	458	rBV	3128696	4157556	67.00%	7.222%
9	7.199	488	491	494	rBV	2469859	3564922	57.45%	6.193%
10	7.324	498	502	507	rBV	115180	195201	3.15%	0.339%
11	7.919	552	554	556	rBV	1840755	1588918	25.60%	2.760%
12	9.005	645	649	651	rBV	4761275	6205644	100.00%	10.780%
13	9.393	681	683	686	rBV	1910327	2002917	32.28%	3.479%
14	9.622	700	703	704	rBV	81026	67121	1.08%	0.117%
15	9.668	704	707	709	rBV	1775294	1809383	29.16%	3.143%
16	10.113	745	746	748	rVB	145795	137135	2.21%	0.238%
17	10.330	762	765	769	rBV	48688	99403	1.60%	0.173%
18	10.445	772	775	778	rBV	2773713	3219903	51.89%	5.593%
19	10.582	786	787	792	rBV	144987	215180	3.47%	0.374%
20	11.028	824	826	828	rBV	83998	86729	1.40%	0.151%
21	11.131	833	835	838	rVB	1677285	1632664	26.31%	2.836%
22	11.393	855	858	862	rBV	164780	281946	4.54%	0.490%
23	11.691	882	884	885	rBV	115997	115158	1.86%	0.200%
24	12.719	971	974	977	rBV	4433826	4491276	72.37%	7.802%
25	13.634	1051	1054	1062	rBV	258766	387144	6.24%	0.673%
26	13.748	1062	1064	1067	rBV	1638782	1501057	24.19%	2.608%
27	14.274	1105	1110	1115	rBV2	37720	99456	1.60%	0.173%
28	14.605	1137	1139	1141	rBV	135052	147856	2.38%	0.257%
29	15.097	1179	1182	1185	rBV	1174522	1234985	19.90%	2.145%
30	16.845	1331	1335	1341	rBV6	30555	95358	1.54%	0.166%

Sum of corrected areas: 57565510

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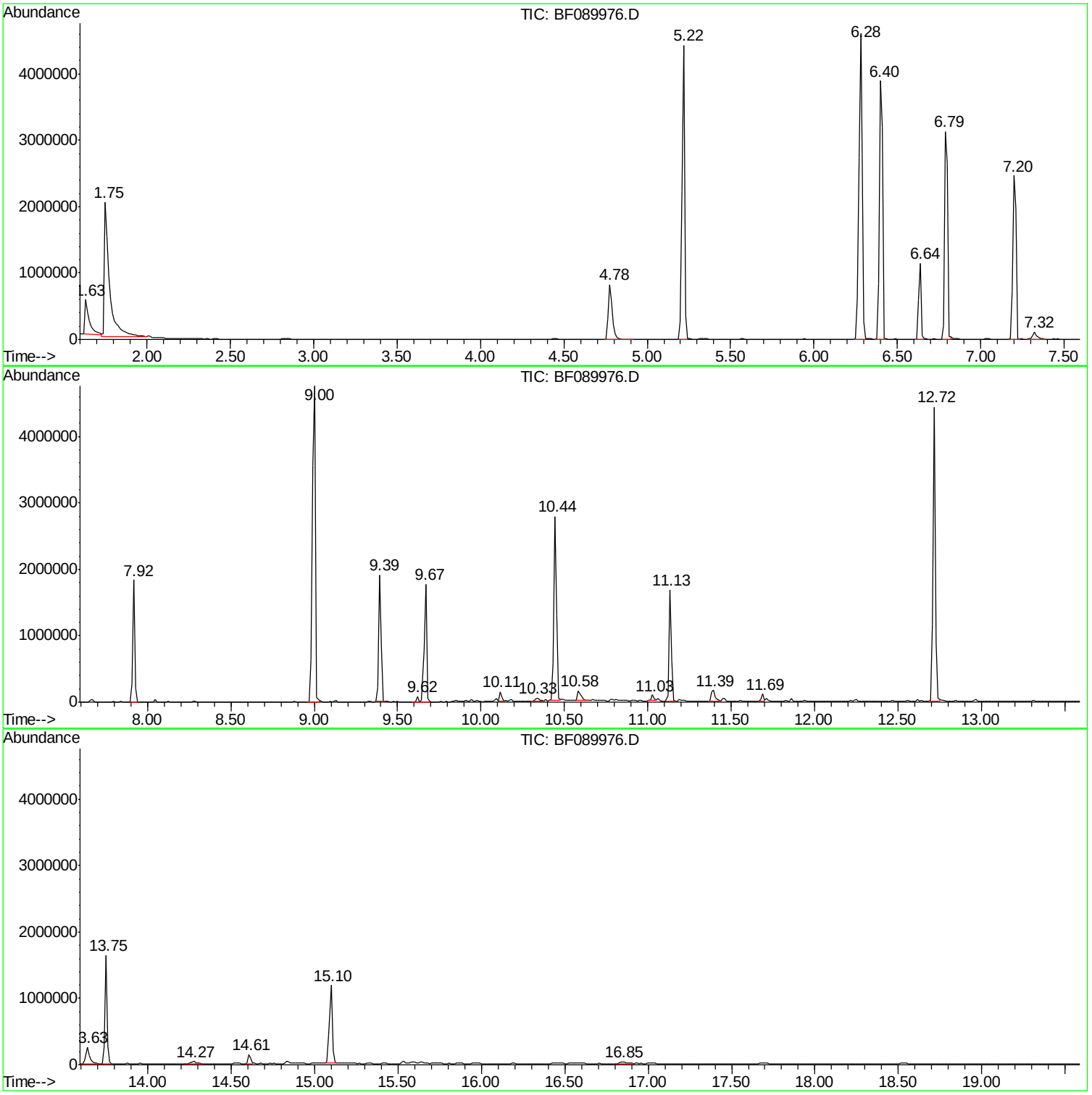
Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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TIC Integration Parameters: LSCINT.P

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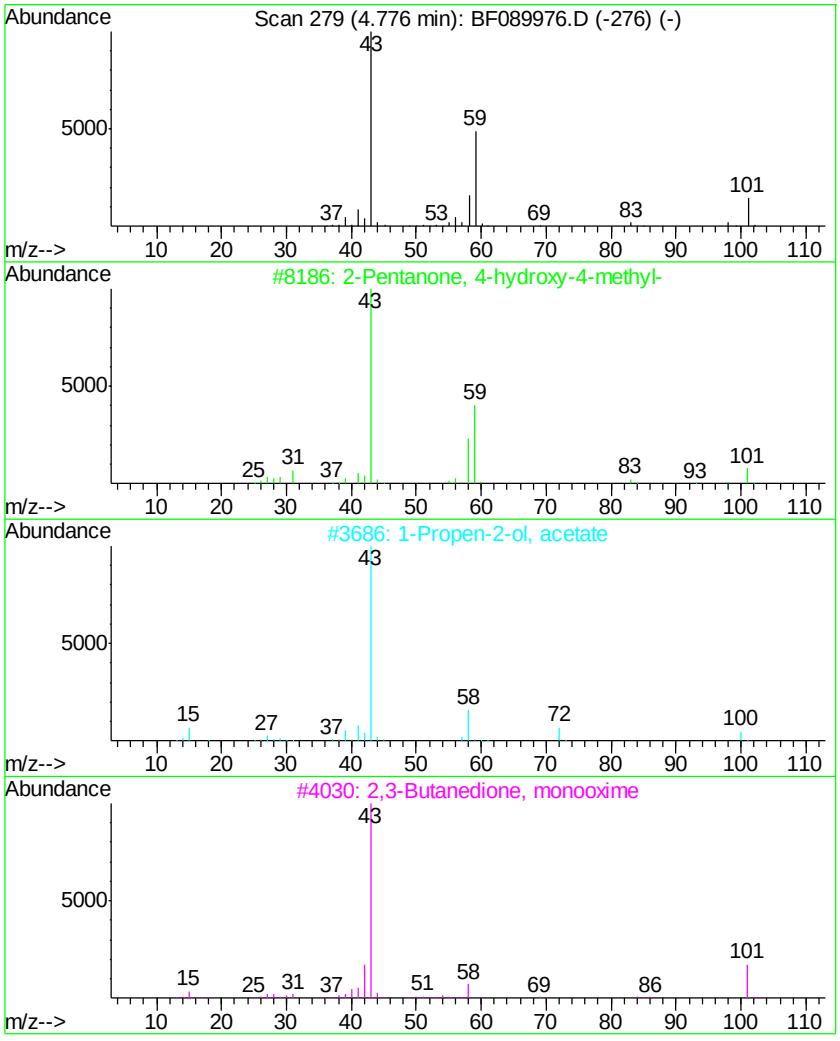
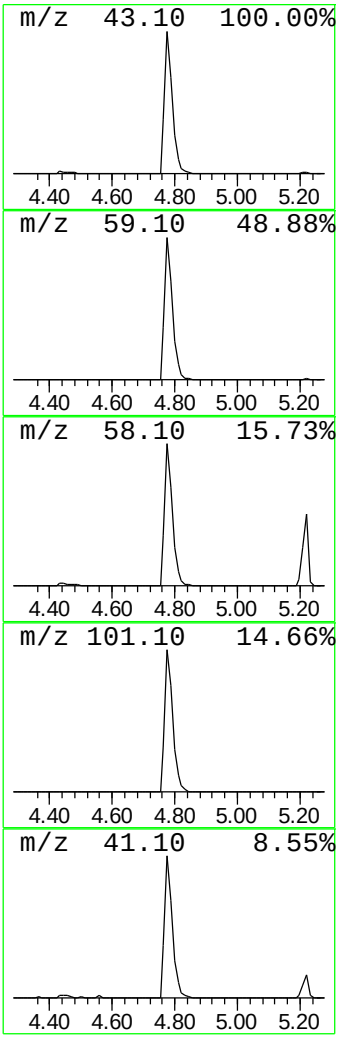
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	22.75 ng	1422560	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Sample : H4675-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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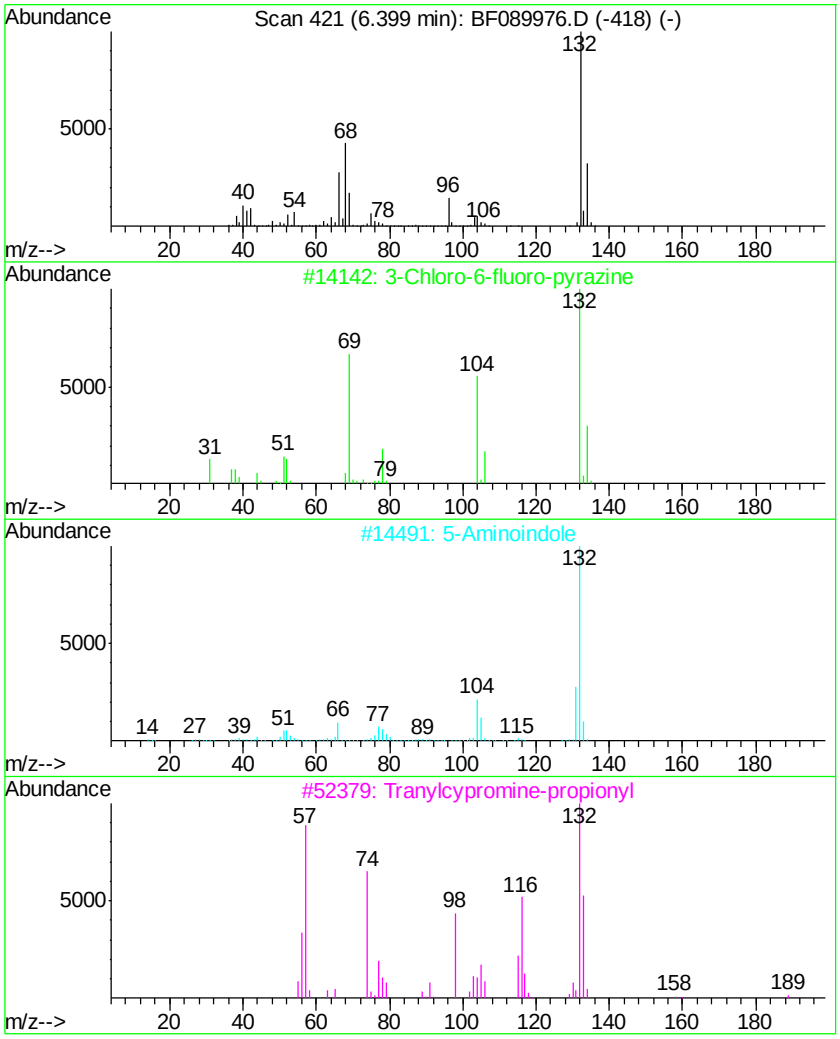
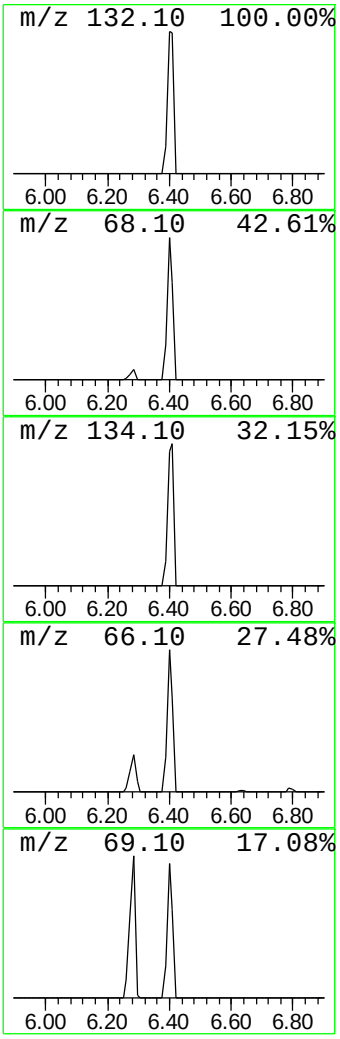
Peak Number 4 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	87.10 ng	5446380	1,4-Dichlorobenzene-d4	6.64

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : UM/SJ
Sample : H4675-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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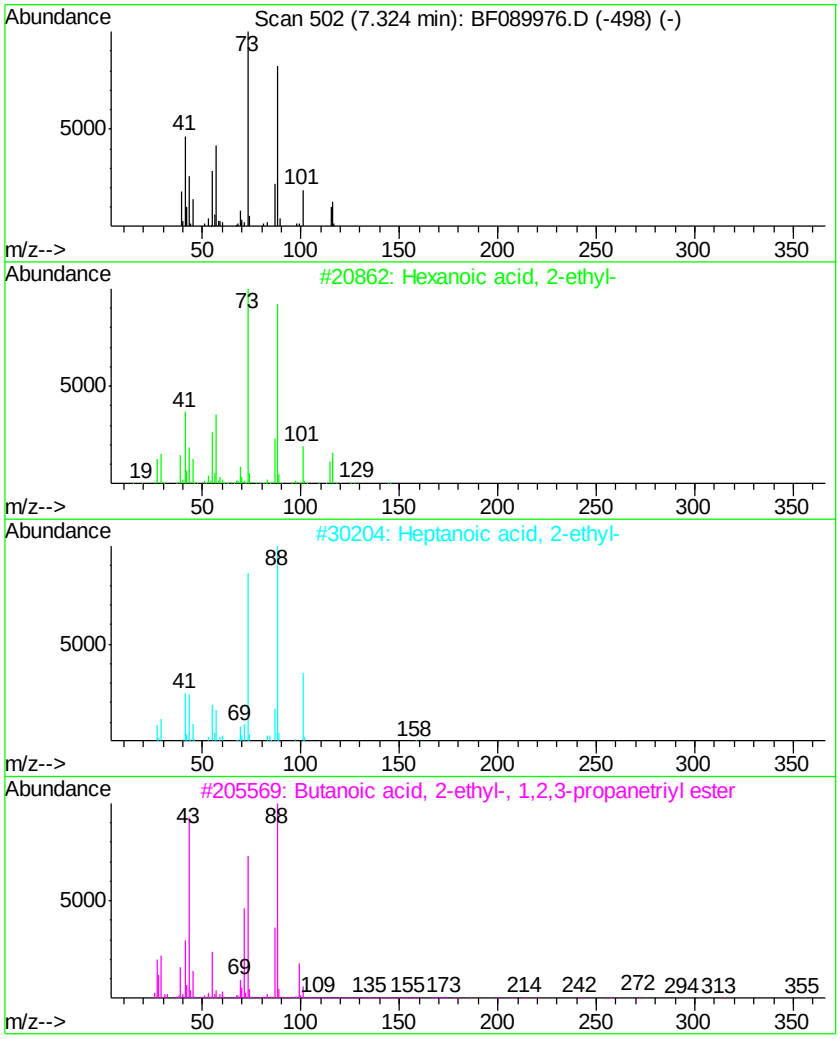
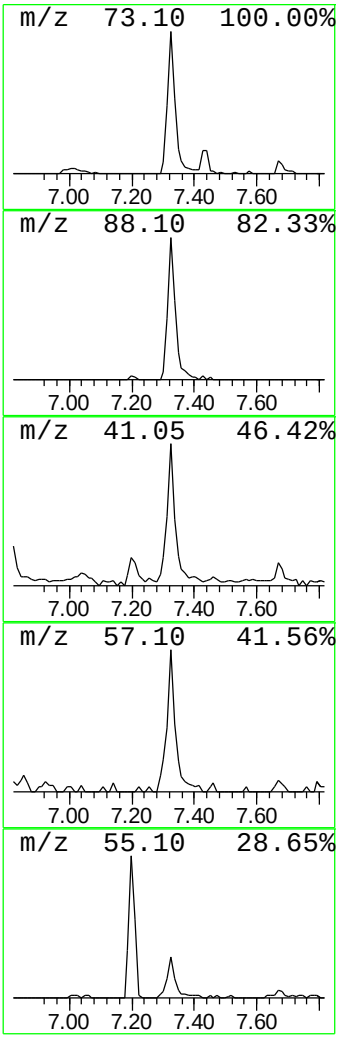
Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.46 ng	195201	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	36





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Operator : UM/SJ
Sample : H4675-01
Misc :
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Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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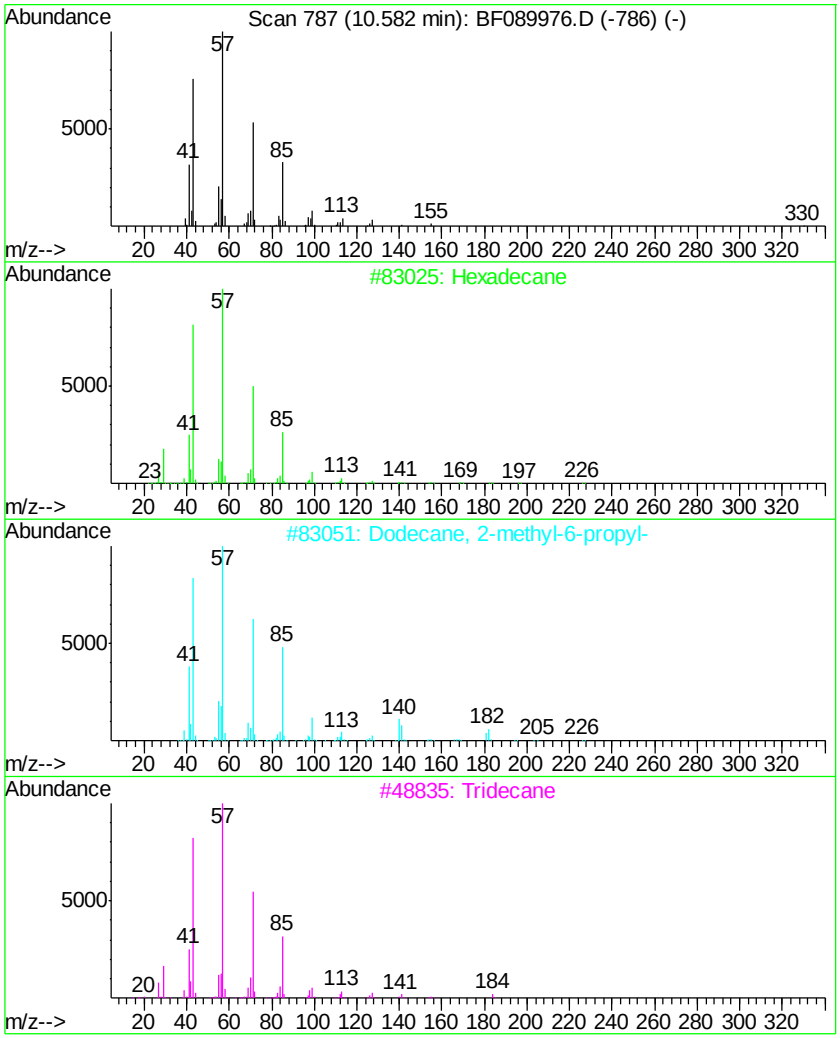
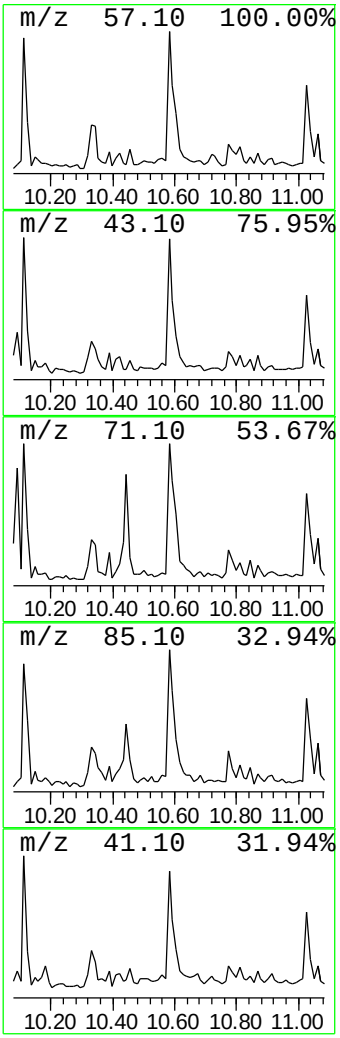
Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.64 ng	215180	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetradecane	198	C14H30	000629-59-4	78





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Operator : UM/SJ
Sample : H4675-01
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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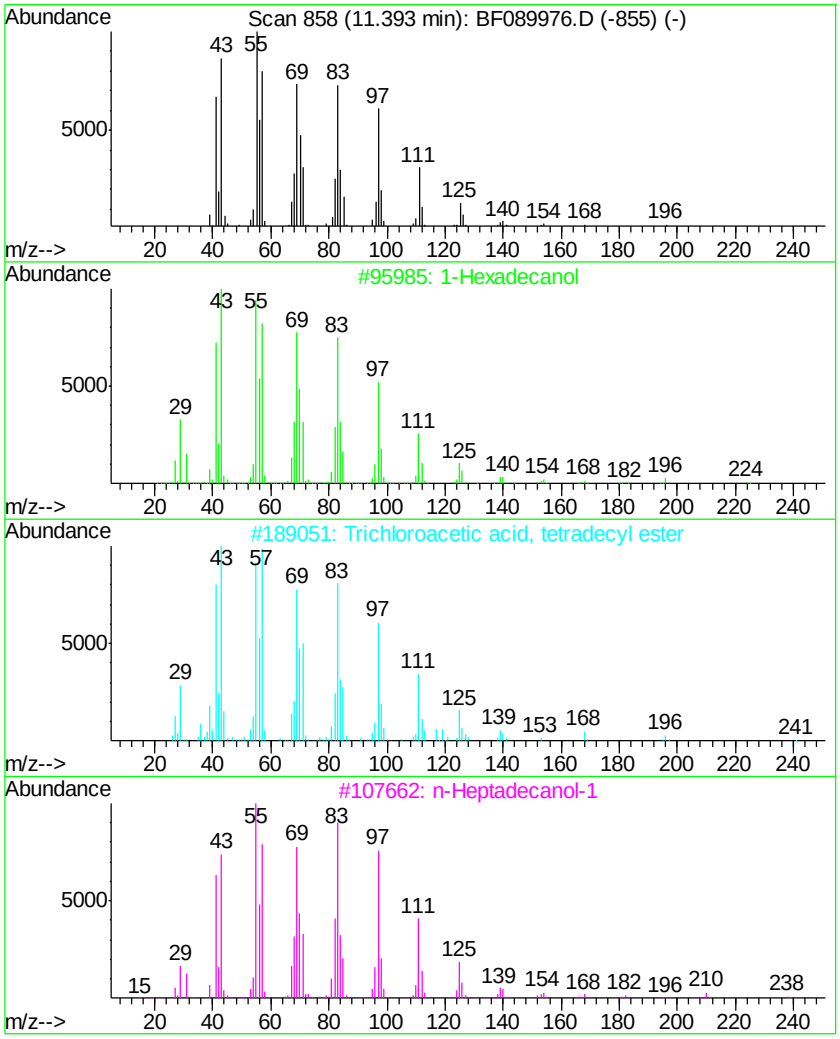
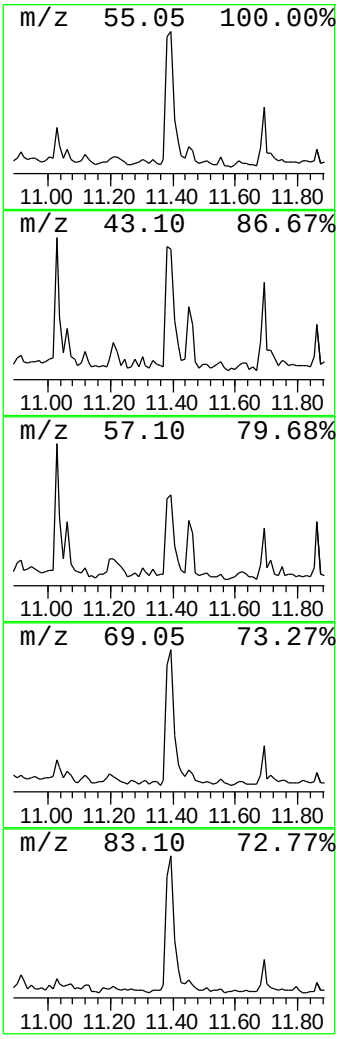
Peak Number 8 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.45 ng	281946	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Tetradecanol	214	C14H30O	000112-72-1	91





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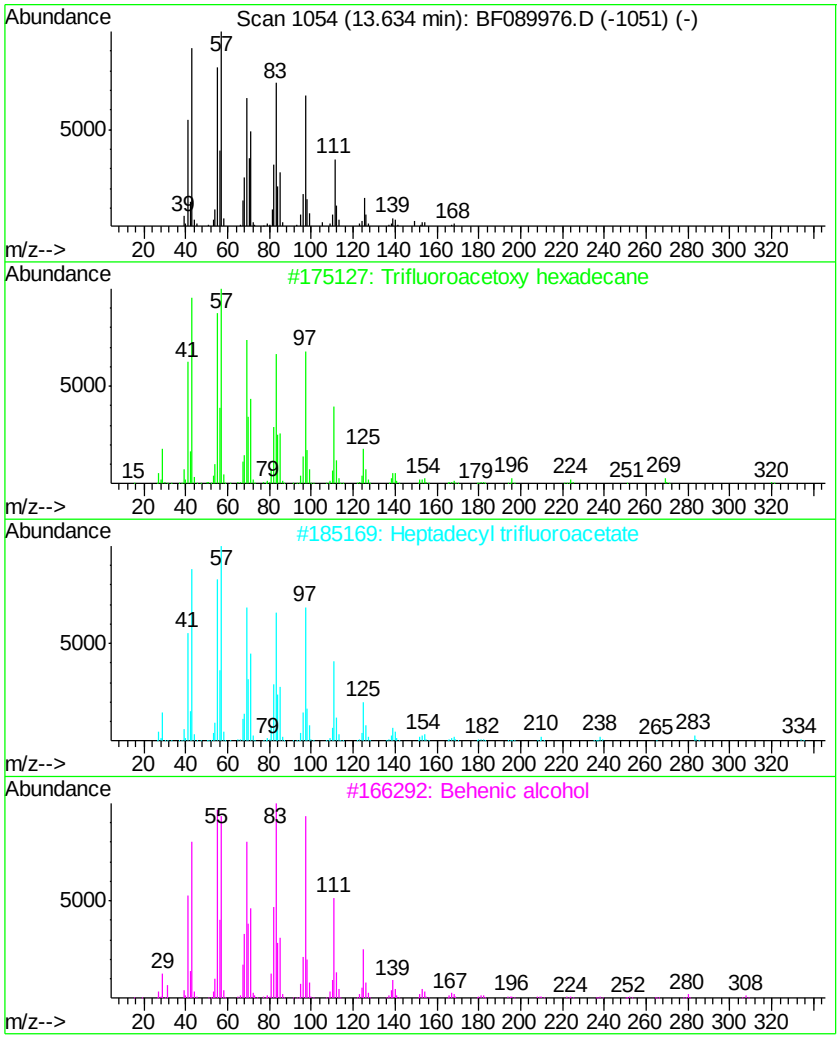
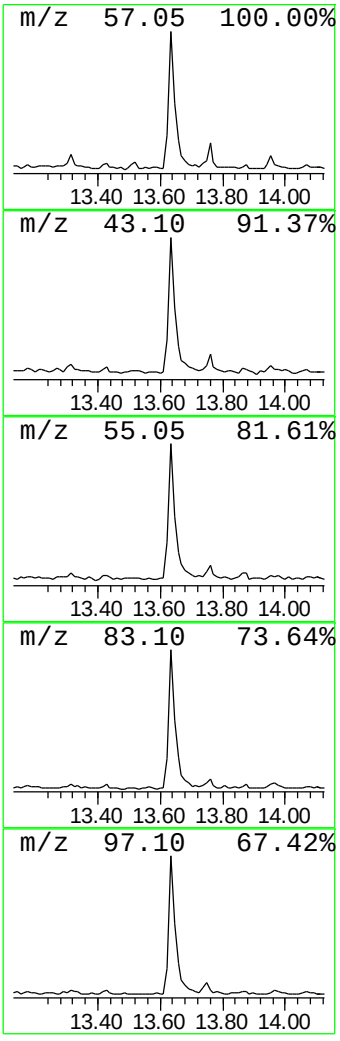
Peak Number 9 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.16 ng	387144	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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TIC Library : C:\Database\NIST11.L
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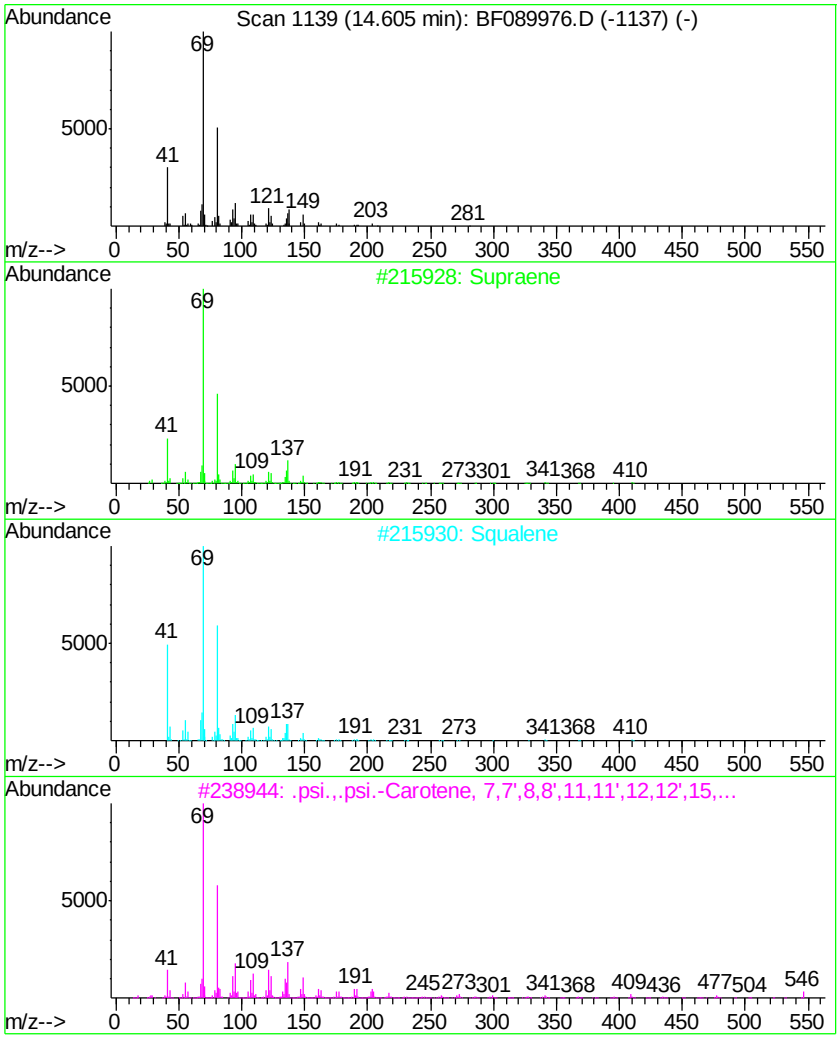
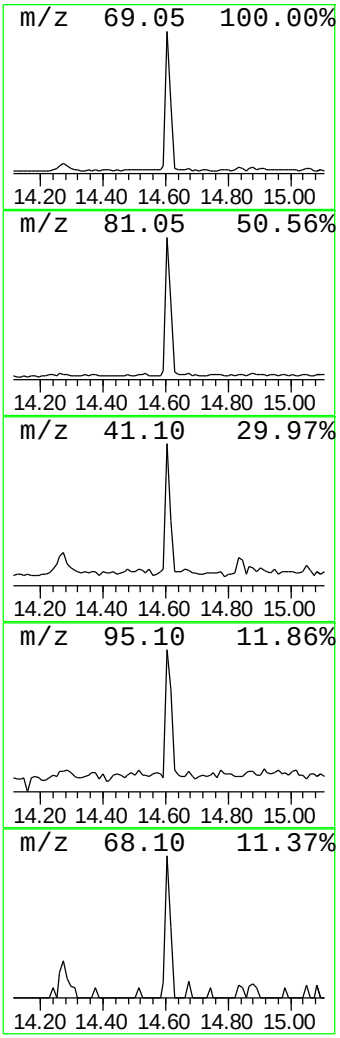
Peak Number 10 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.39 ng	147856	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64





Tentatively Identified Compound (LSC) summary

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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...	4.78	22.8	ng	1422560	1	6.64	1250640	20.0
unknown6.40	6.40	87.1	ng	5446380	1	6.64	1250640	20.0
Hexanoic acid, 2-...	7.32	2.5	ng	195201	2	7.92	1588920	20.0
Hexadecane	10.58	2.6	ng	215180	4	11.13	1632660	20.0
1-Hexadecanol	11.39	3.5	ng	281946	4	11.13	1632660	20.0
Trifluoroacetoxy ...	13.63	5.2	ng	387144	5	13.75	1501060	20.0
Supraene	14.61	2.4	ng	147856	6	15.10	1234990	20.0