LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085042.D
Acq On : 12 Feb 2016 5:35
Operator : SJ/IZ
Sample : H1387-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

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-BF020116.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	2.284	58	61	65	rVB	239449	357898	6.73%	0.908%
2	4.753	274	277	293	rVB	847703	1405406	26.44%	3.565%
3	5.210	314	317	319	rBV	3353429	3861019	72.64%	9.793%
4	6.262	407	409	412	rBV	2378419	3199718	60.19%	8.116%
5	6.376	417	419	422	rBV	3418024	3880460	73.00%	9.843%
6	6.604	437	439	442	rBV	925524	839720	15.80%	2.130%
7	6.765	450	453	454	rBV	3768824	3283310	61.77%	8.328%
8	6.787	454	455	457	rVB	278385	205525	3.87%	0.521%
9	7.176	484	489	492	rBV	2023929	3164900	59.54%	8.028%
10	7.393	505	508	510	rBV	70752	78624	1.48%	0.199%
11	7.565	519	523	527	rVB	77025	125570	2.36%	0.319%
12	7.633	527	529	532	rBV3	264753	304983	5.74%	0.774%
13	7.896	549	552	553	rBV	1344968	1278900	24.06%	3.244%
14	8.708	620	623	625	rBV	208210	231884	4.36%	0.588%
15	8.982	643	647	649	rBV	4391838	5315640	100.00%	13.483%
16	9.645	702	705	707	rBV	1476519	1337564	25.16%	3.393%
17	10.433	771	774	777	rBV	2961370	2950724	55.51%	7.484%
18	11.119	832	834	838	rBV	1282442	1274665	23.98%	3.233%
19	12.548	957	959	961	rVB	159686	139820	2.63%	0.355%
20	12.719	970	974	976	rBV	3091124	4489586	84.46%	11.388%
21	13.257	1019	1021	1022	rBV	99853	104747	1.97%	0.266%
22	13.748	1062	1064	1067	rBV	951812	864842	16.27%	2.194%
23	15.108	1180	1183	1186	rBV	676440	729883	13.73%	1.851%

Sum of corrected areas: 39425388

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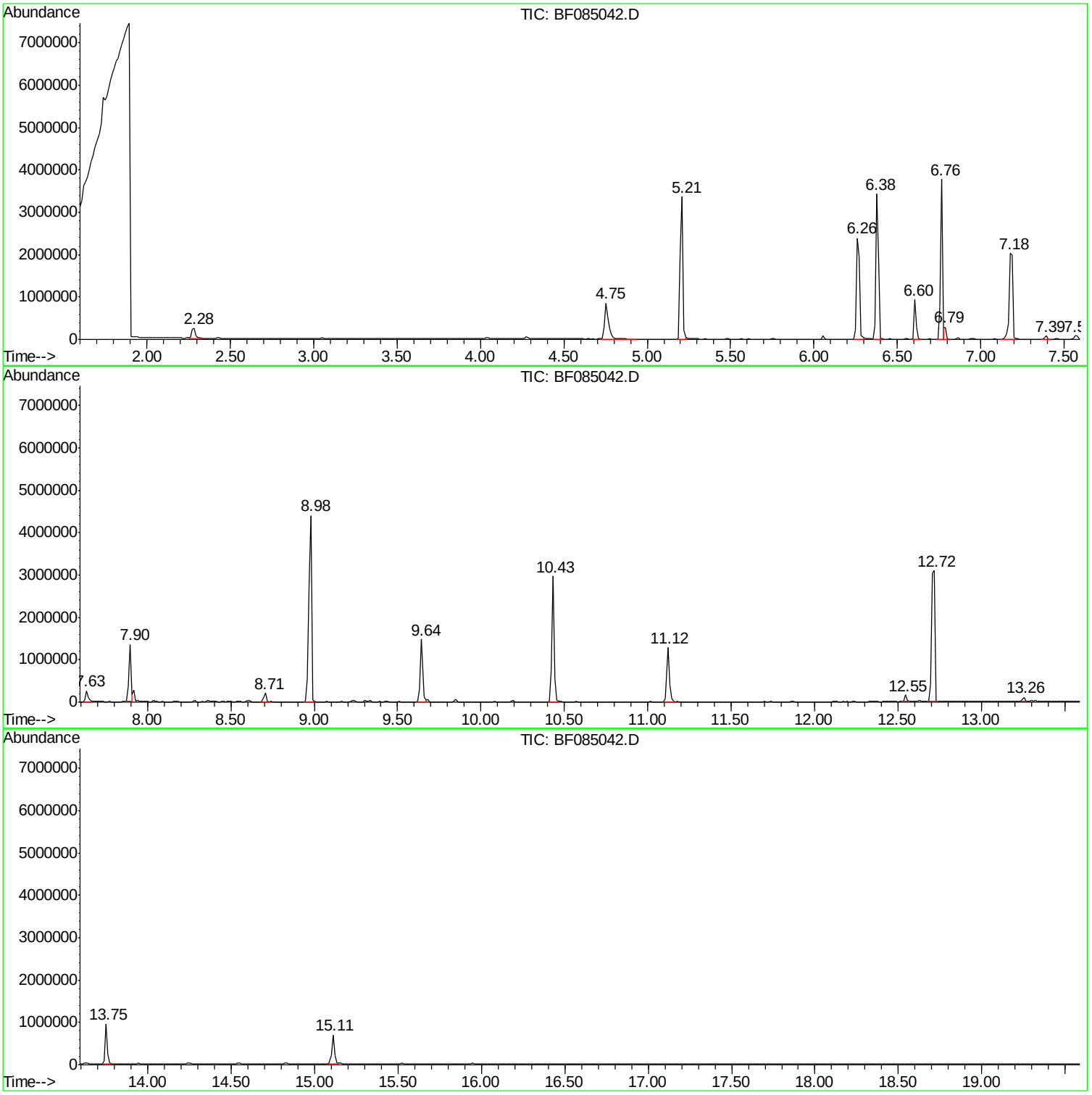
Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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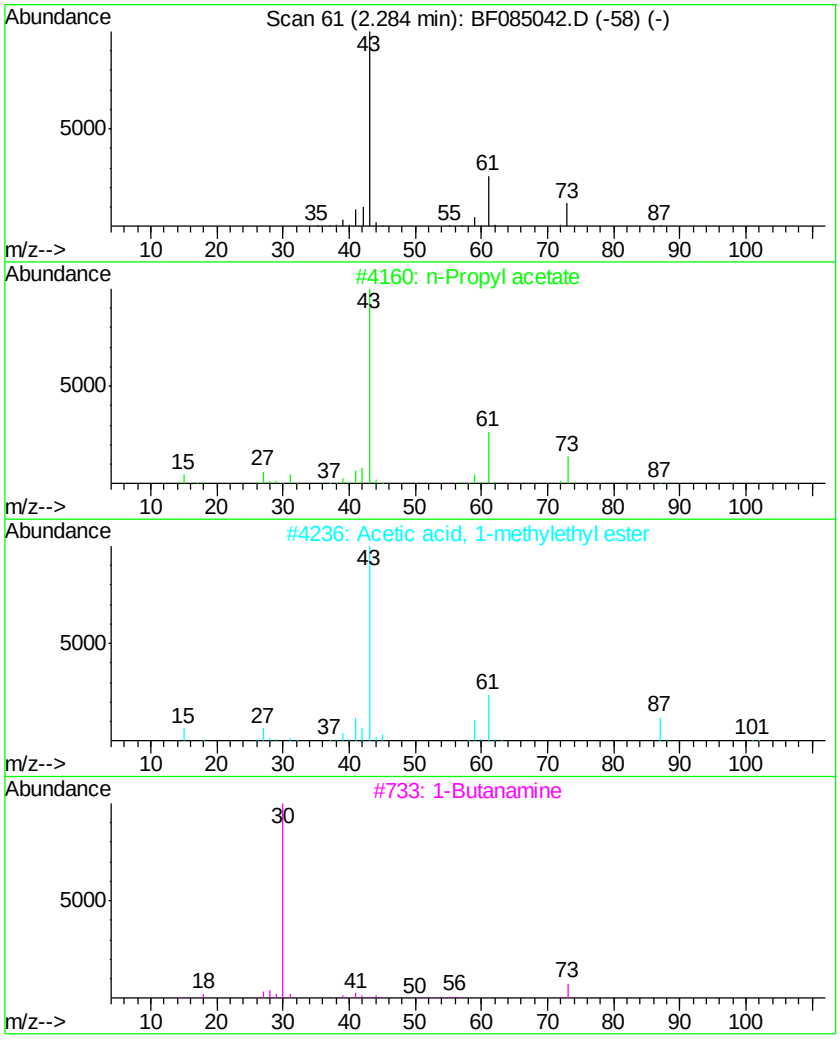
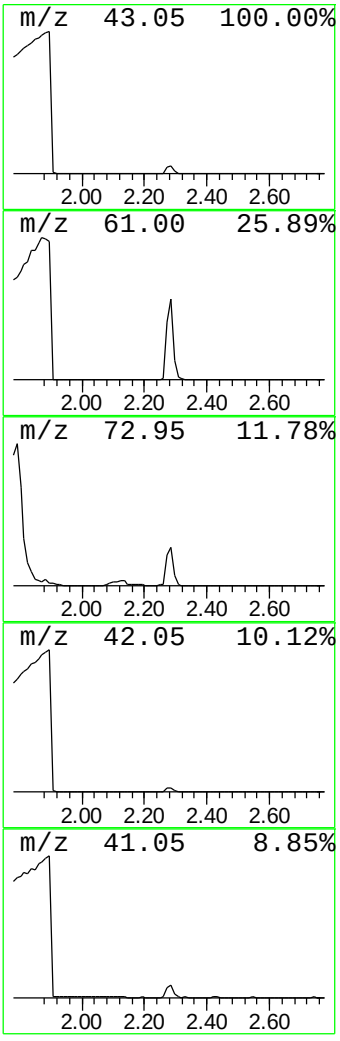
****

Peak Number 1 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	8.52 ng	357898	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	33
3	1-Butanamine	73	C4H11N	000109-73-9	4
4	Isobutylamine	73	C4H11N	000078-81-9	4
5	N-Acetylethylenediamine	102	C4H10N2O	001001-53-2	4





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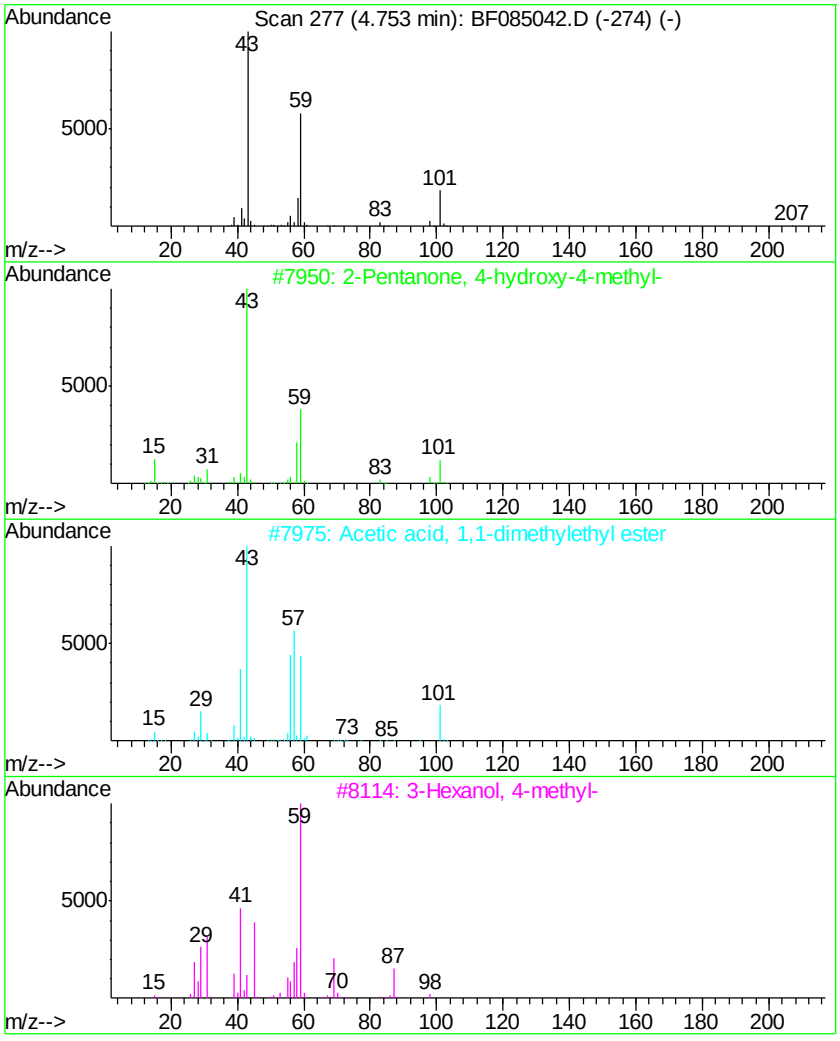
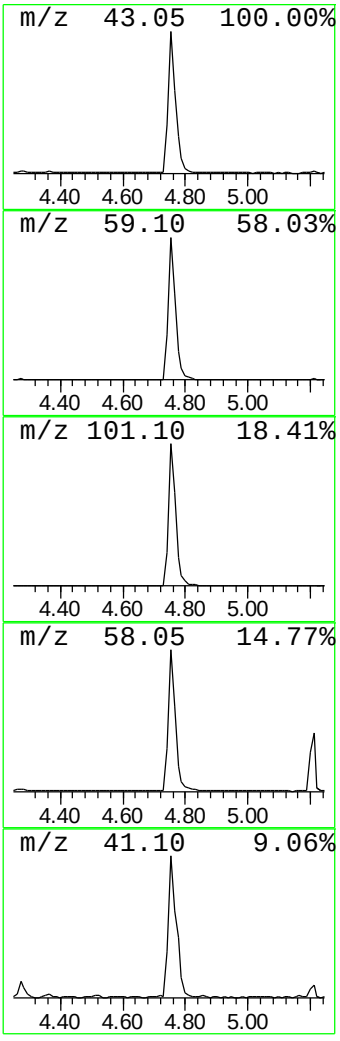
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	33.47 ng	1405410	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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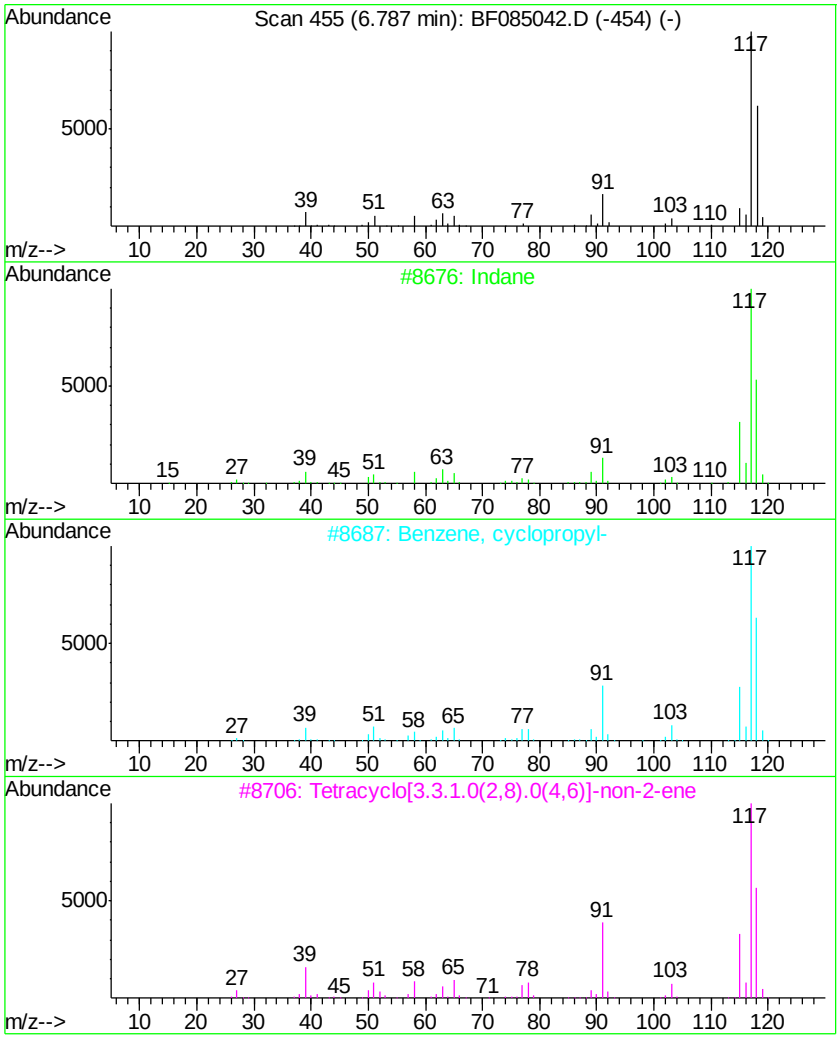
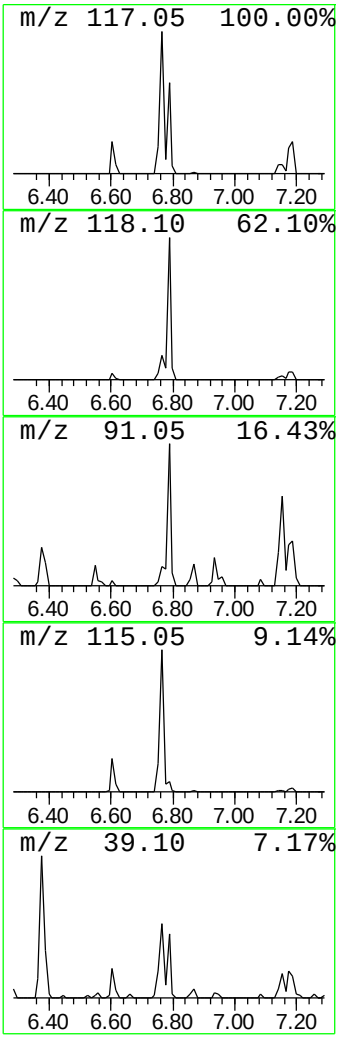
Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.90 ng	205525	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	86
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	86
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Deltacyclene	118	C9H10	007785-10-6	64





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Sample : H1387-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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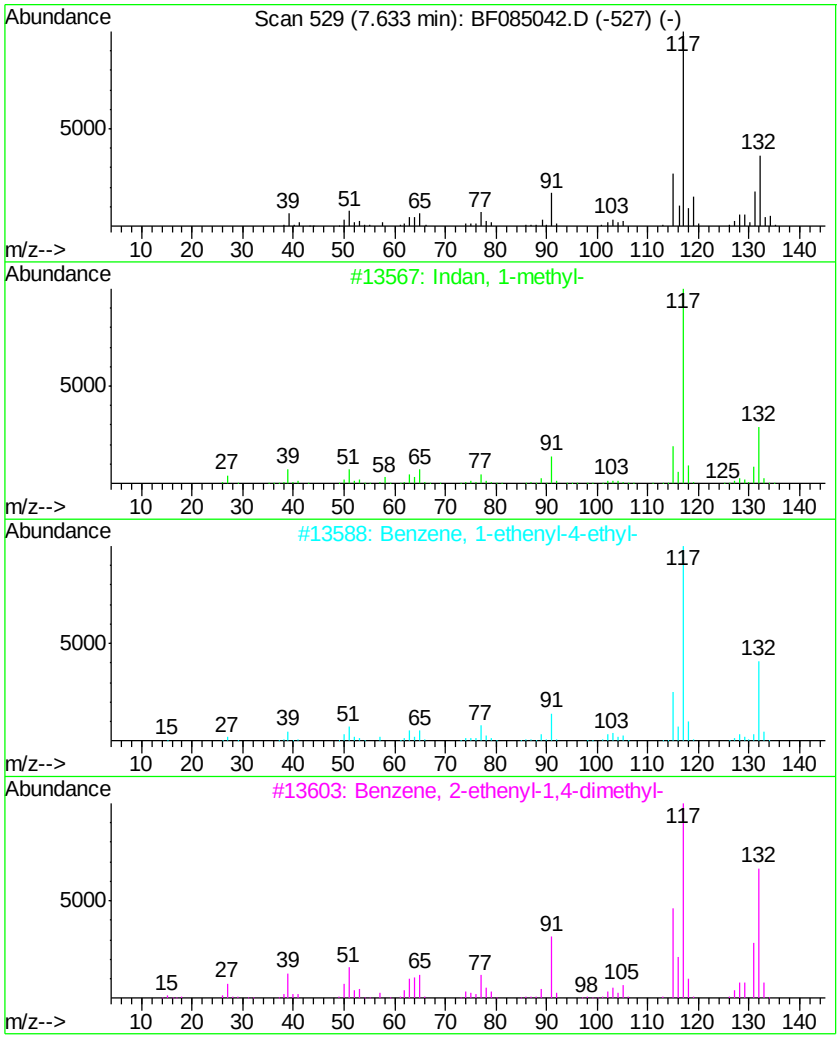
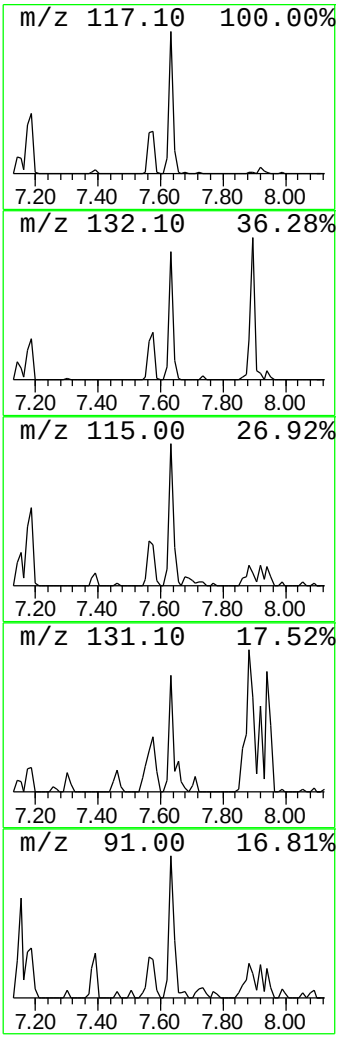
Peak Number 6 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	4.77 ng	304983	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





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Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Integration Parameters: LSCINT.P

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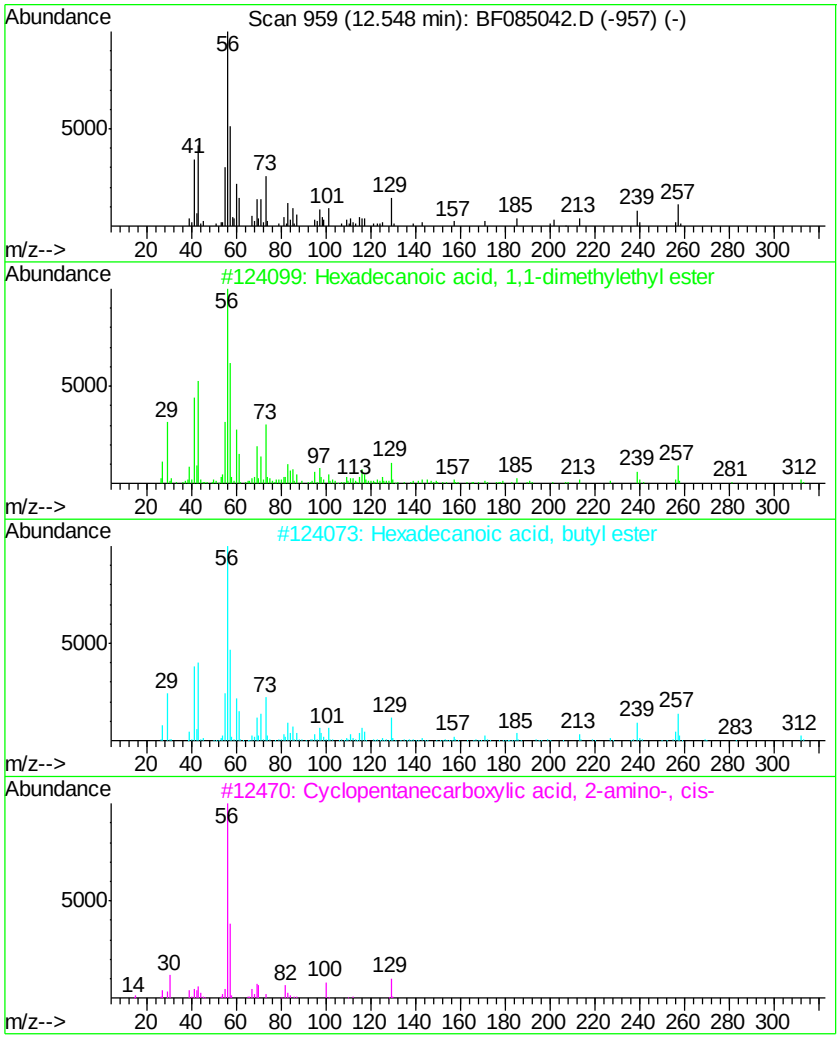
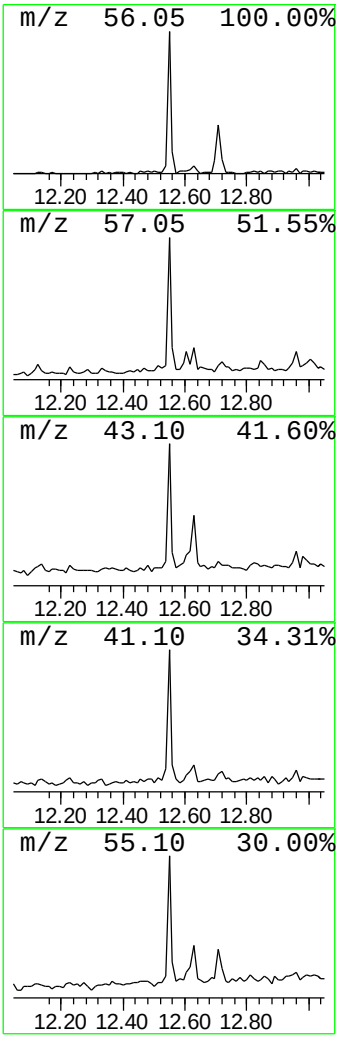
Peak Number 8 Hexadecanoic acid, 1,1-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.23 ng	139820	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40





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Instrument : BNA_F
ClientSampleId : S4-B005(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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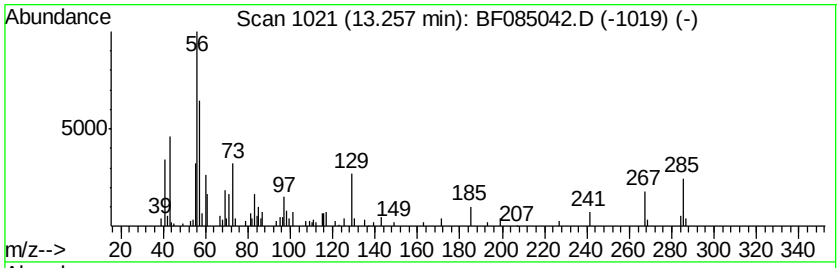
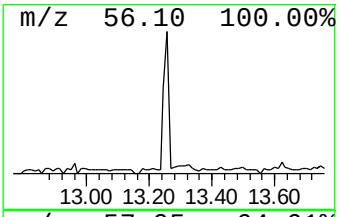
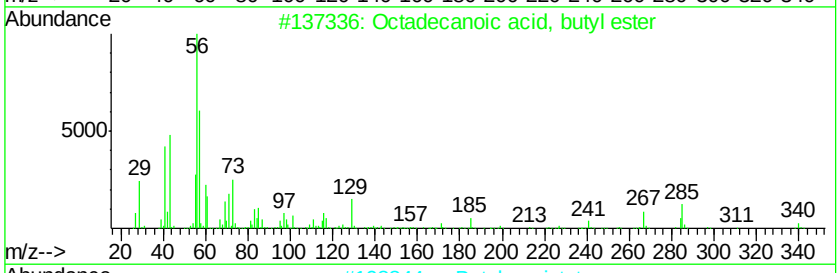
Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 9

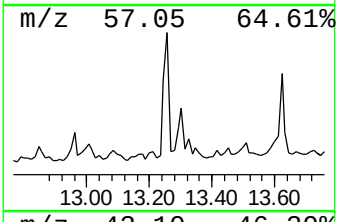
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.42 ng	104747	Chrysene-d12	13.75

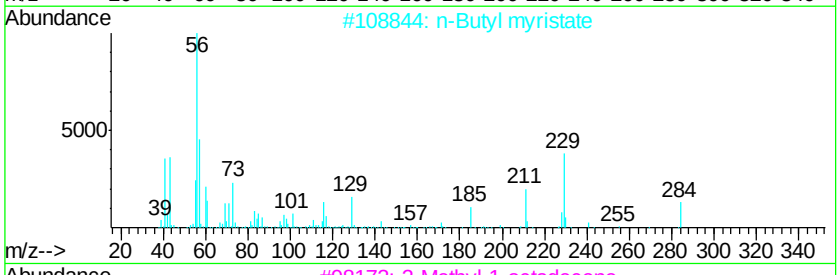
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	53
3	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	32
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27

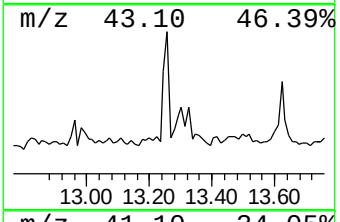


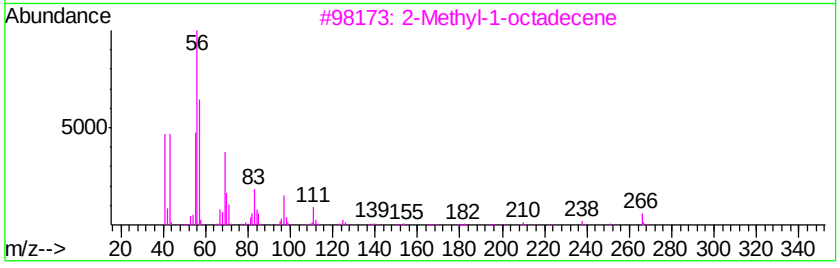


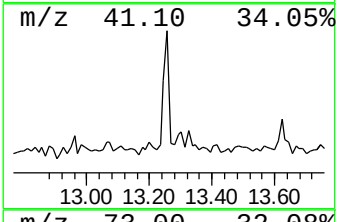


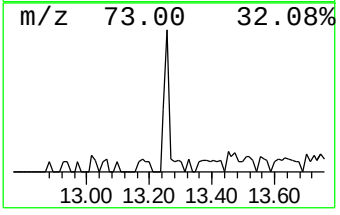












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.28	8.5	ng	357898	1	6.60	839720	20.0
2-Pentanone, 4-hy...	4.75	33.5	ng	1405410	1	6.60	839720	20.0
Indane	6.79	4.9	ng	205525	1	6.60	839720	20.0
Indan, 1-methyl-	7.63	4.8	ng	304983	2	7.90	1278900	20.0
Hexadecanoic acid...	12.55	3.2	ng	139820	5	13.75	864842	20.0
Octadecanoic acid...	13.26	2.4	ng	104747	5	13.75	864842	20.0