LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091025.D
Acq On : 4 Nov 2016 15:43
Operator : UM/SJ
Sample : H5526-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-104-24.5-25.0

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-BF110316.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	1.778	7	8	39	rVB	3187918	7297903	100.00%	11.352%
2	4.864	275	278	290	rBV	772929	1425005	19.53%	2.217%
3	5.299	313	316	319	rBV	4014809	5368102	73.56%	8.350%
4	6.350	405	408	411	rBV	3599010	5658056	77.53%	8.801%
5	6.476	416	419	421	rBV	5017066	6222933	85.27%	9.680%
6	6.704	436	439	441	rBV	887973	1109583	15.20%	1.726%
7	6.853	450	452	455	rBV	3803270	4481790	61.41%	6.971%
8	7.276	486	489	491	rBV	2879639	4211522	57.71%	6.551%
9	7.390	496	499	505	rVB	113603	217471	2.98%	0.338%
10	7.985	549	551	554	rBV	1518324	1567773	21.48%	2.439%
11	9.070	642	646	648	rBV	5911634	6648571	91.10%	10.342%
12	9.470	677	681	683	rBV	1705450	1776395	24.34%	2.763%
13	9.676	695	699	702	rBV3	29007	75301	1.03%	0.117%
14	9.745	702	705	707	rBV	1253768	1778076	24.36%	2.766%
15	10.179	742	743	745	rVB	78078	76080	1.04%	0.118%
16	10.396	759	762	766	rBV	36399	74619	1.02%	0.116%
17	10.533	771	774	776	rBV	3808675	4375235	59.95%	6.806%
18	10.659	782	785	791	rVB	108218	207755	2.85%	0.323%
19	11.105	822	824	825	rBV	81912	90190	1.24%	0.140%
20	11.219	832	834	838	rBV	2036047	1780072	24.39%	2.769%
21	12.808	970	973	976	rBV	5145817	6102629	83.62%	9.493%
22	13.711	1049	1052	1060	rBV	199886	289775	3.97%	0.451%
23	13.848	1062	1064	1067	rBV	1279086	1350004	18.50%	2.100%
24	15.242	1183	1186	1188	rBV	712397	984128	13.49%	1.531%
25	15.540	1209	1212	1216	rBV	46103	83889	1.15%	0.130%
26	16.065	1254	1258	1261	rBV	86491	172533	2.36%	0.268%
27	16.694	1309	1313	1319	rVB	100017	266501	3.65%	0.415%
28	17.448	1374	1379	1387	rVB	101384	303295	4.16%	0.472%
29	18.386	1454	1461	1470	rBV2	71267	292716	4.01%	0.455%

Sum of corrected areas: 64287902

LSC Report - Integrated Chromatogram

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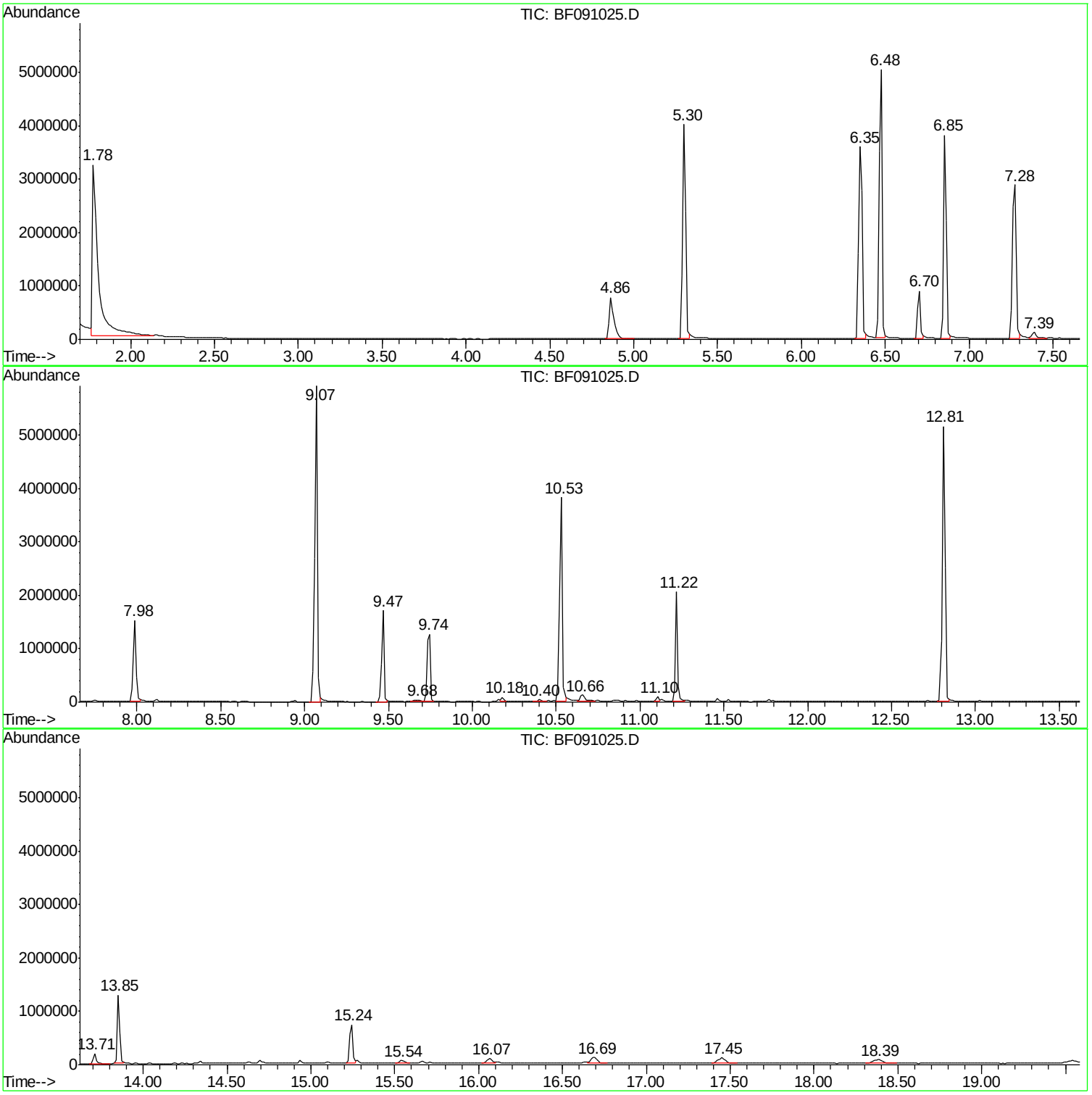
Instrument : BNA_F
ClientSampleId : SB-104-24.5-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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TIC Integration Parameters: LSCINT.P

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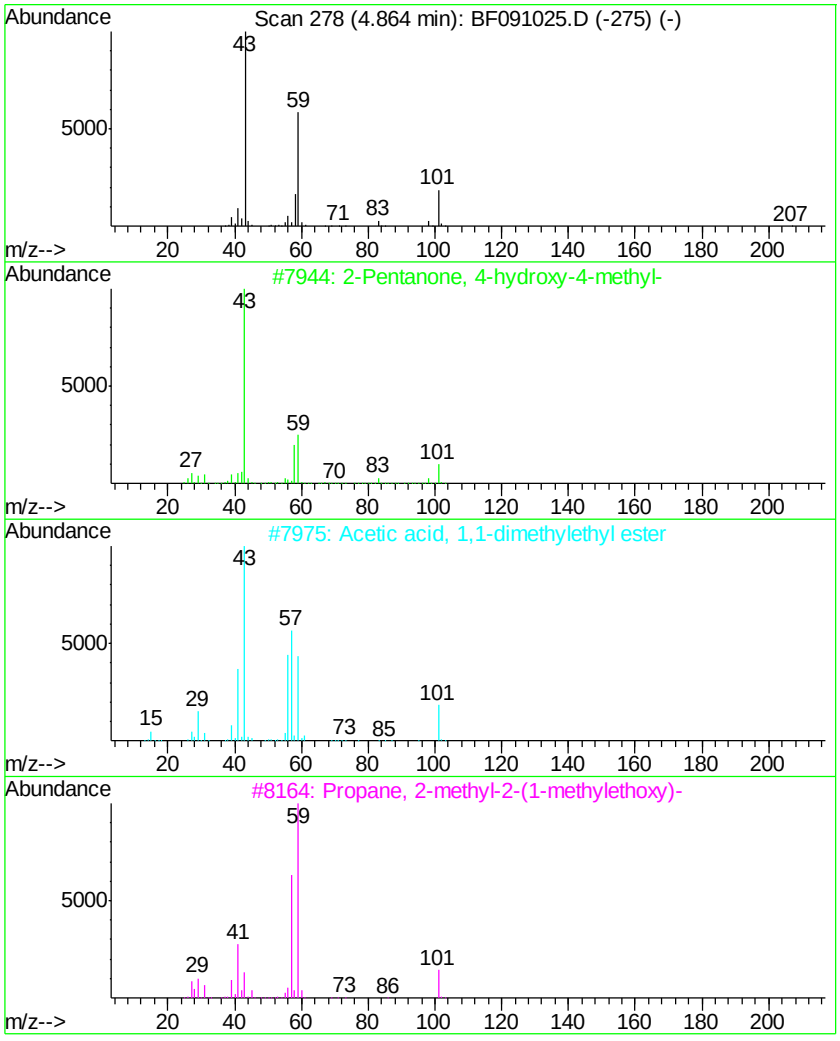
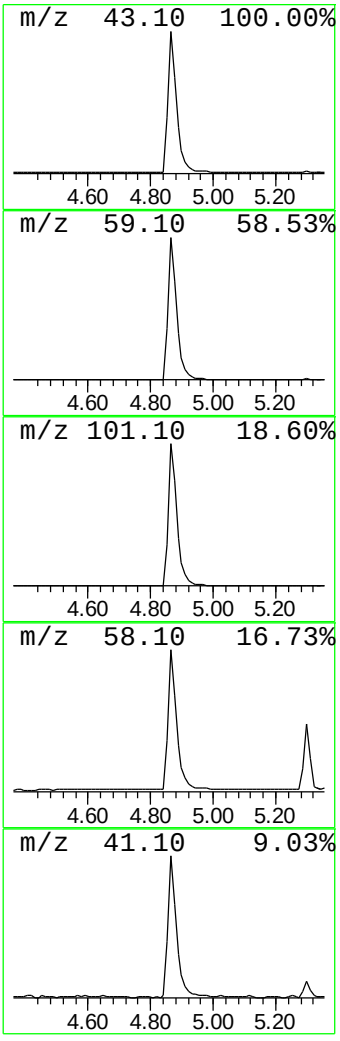
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	25.69 ng	1425010	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
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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Sample : H5526-14
Misc :
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Instrument : BNA_F
ClientSampleId : SB-104-24.5-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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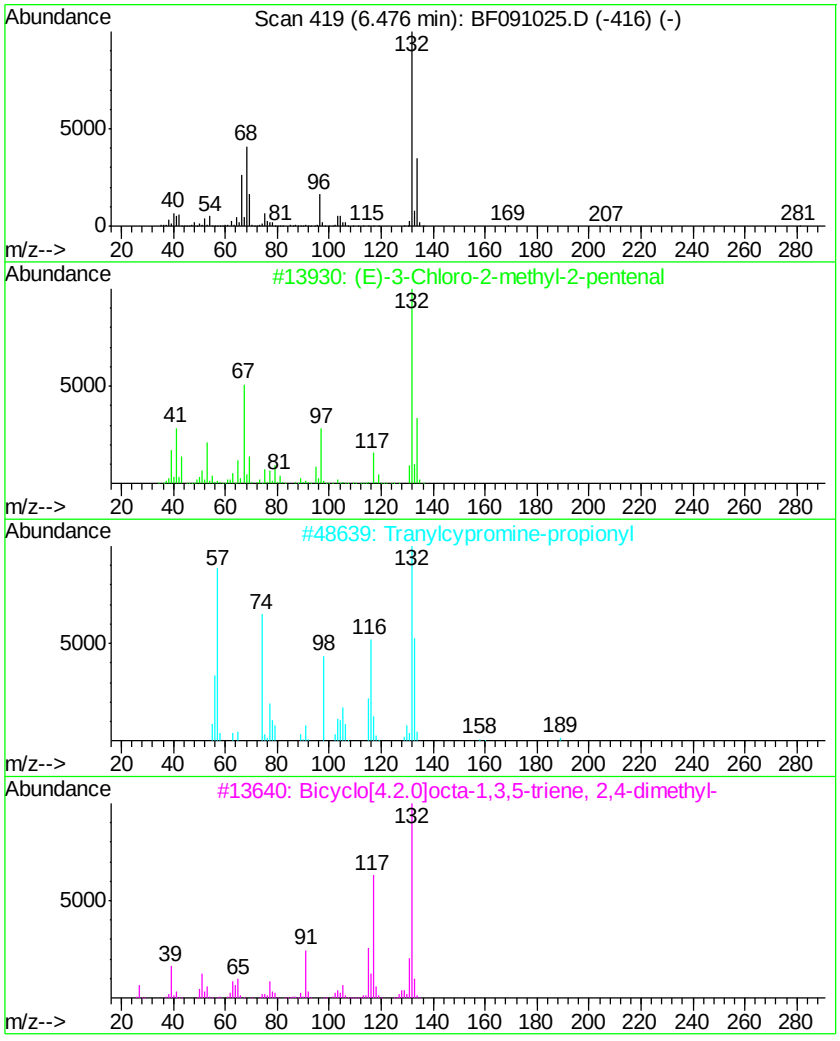
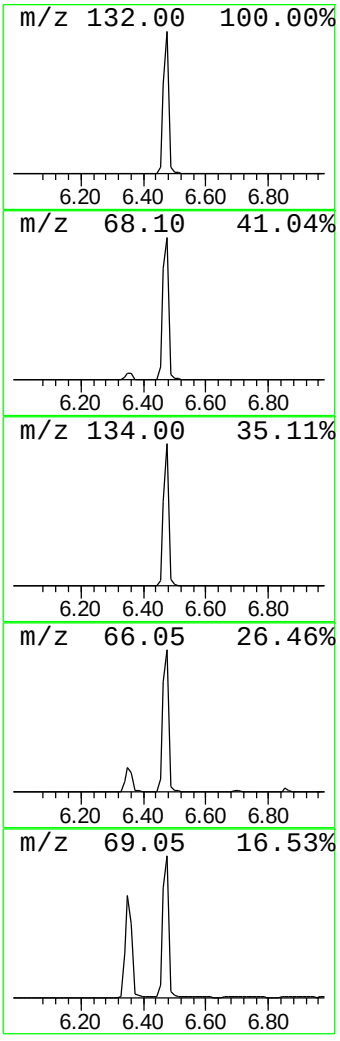
Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	112.17 ng	6222930	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : UM/SJ
Sample : H5526-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-104-24.5-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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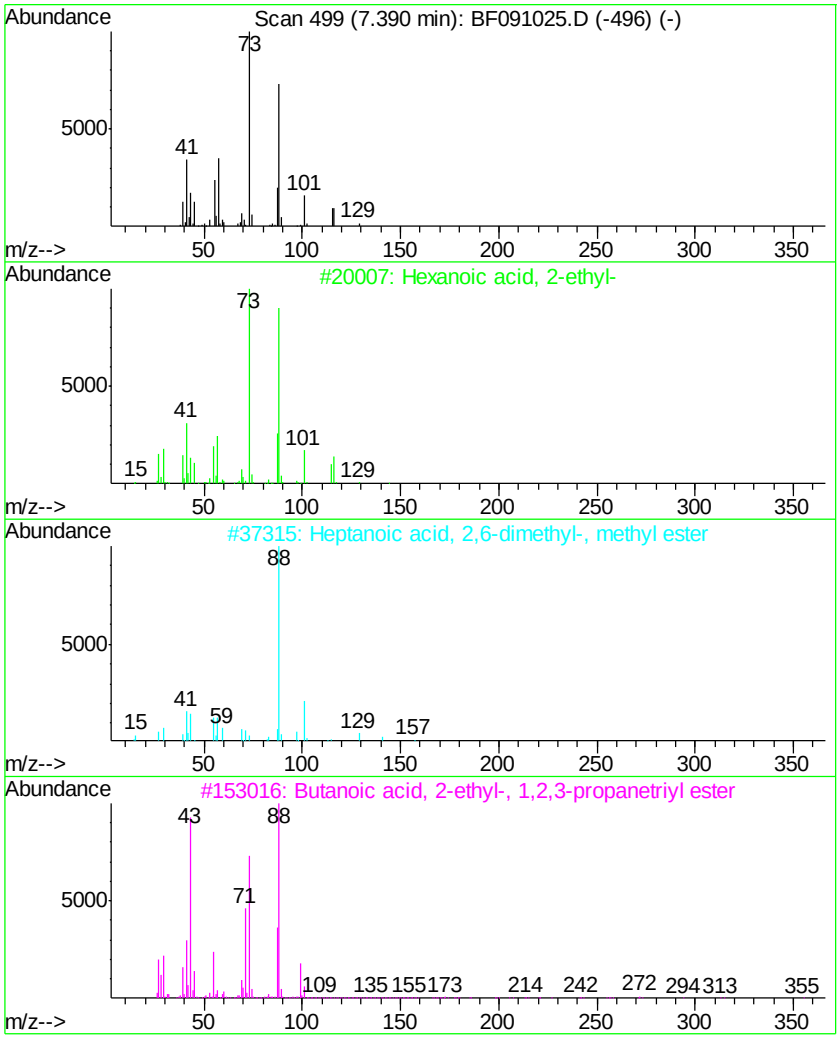
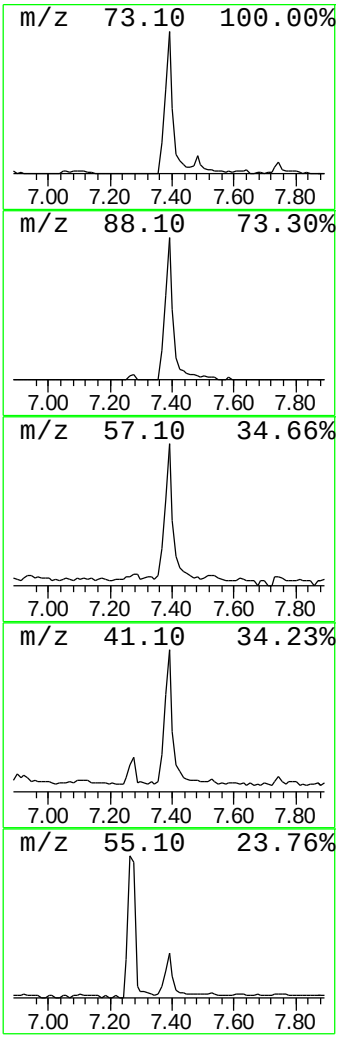
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.77 ng	217471	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2,6-dimethyl-, m...	172	C10H20O2	033315-72-9	47
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





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Operator : UM/SJ
Sample : H5526-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-104-24.5-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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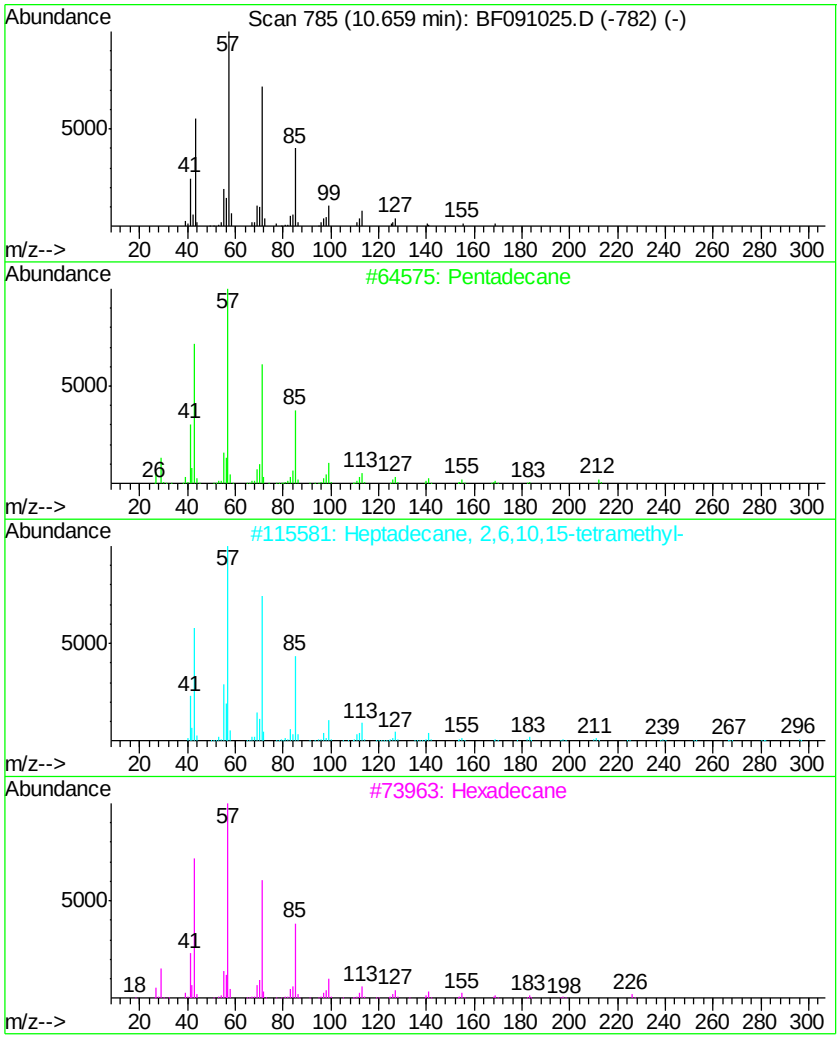
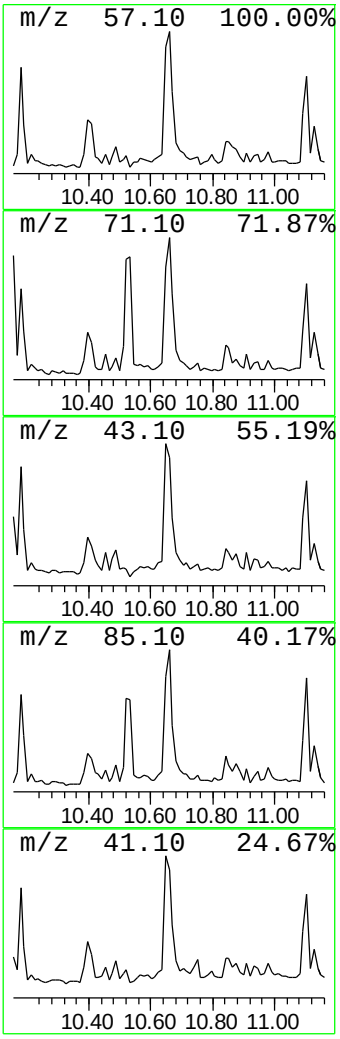
Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.33 ng	207755	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





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Sample : H5526-14
Misc :
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Instrument : BNA_F
ClientSampleId : SB-104-24.5-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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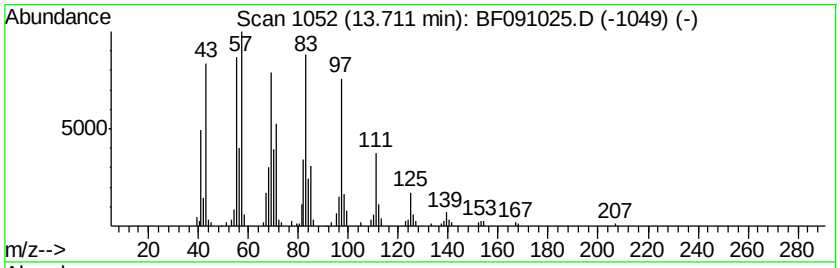
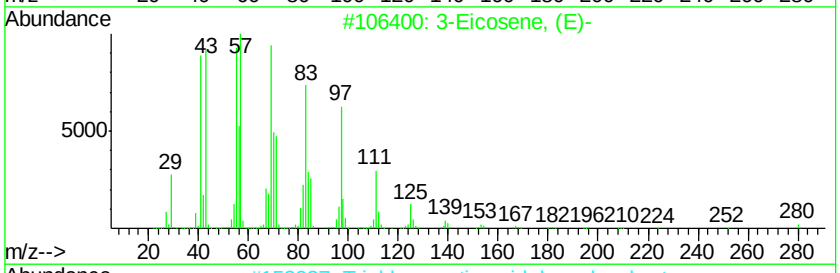
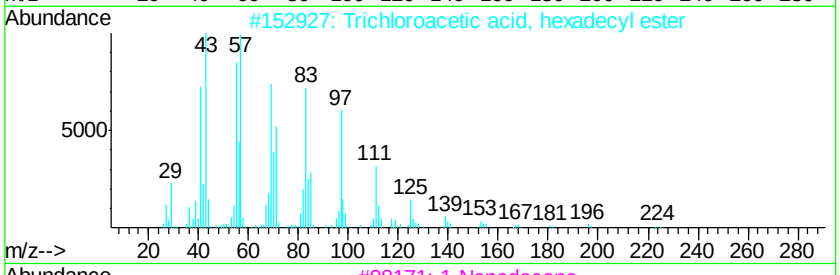
Peak Number 7 3-Eicosene, (E)- Concentration Rank 8

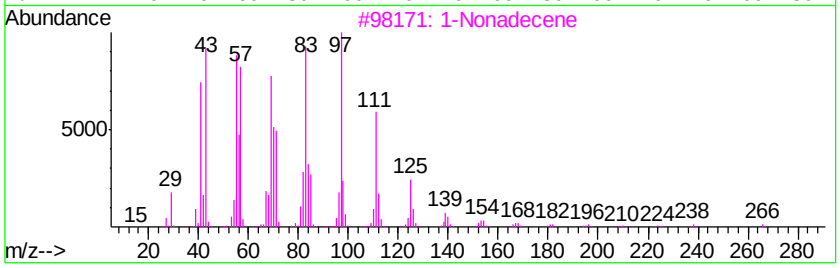
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.29 ng	289775	Chrysene-d12	13.85

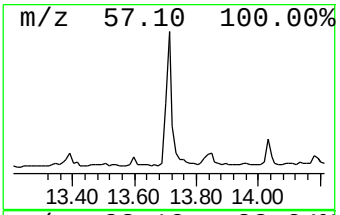
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87

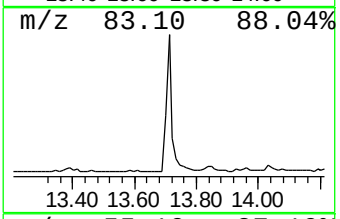


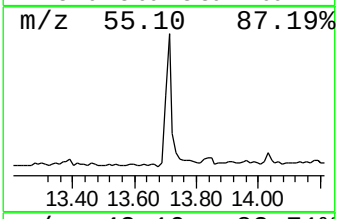


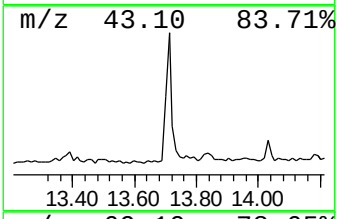


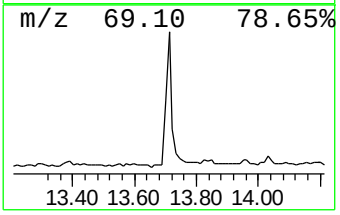












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

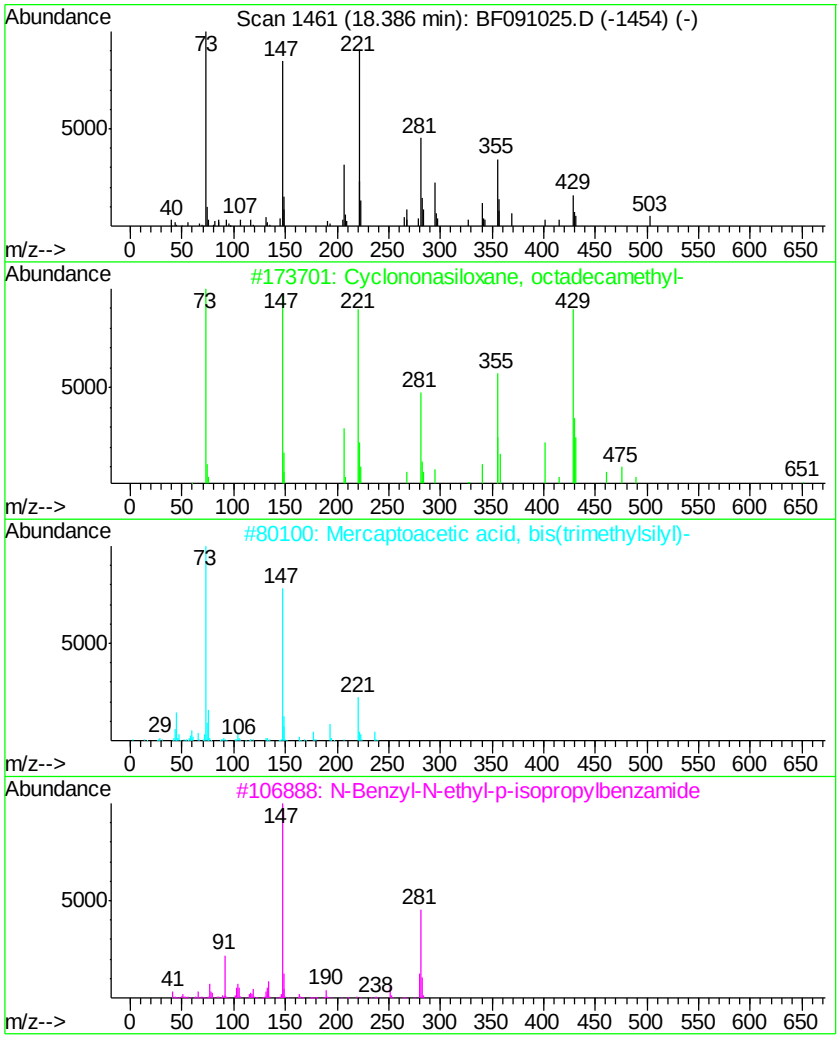
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

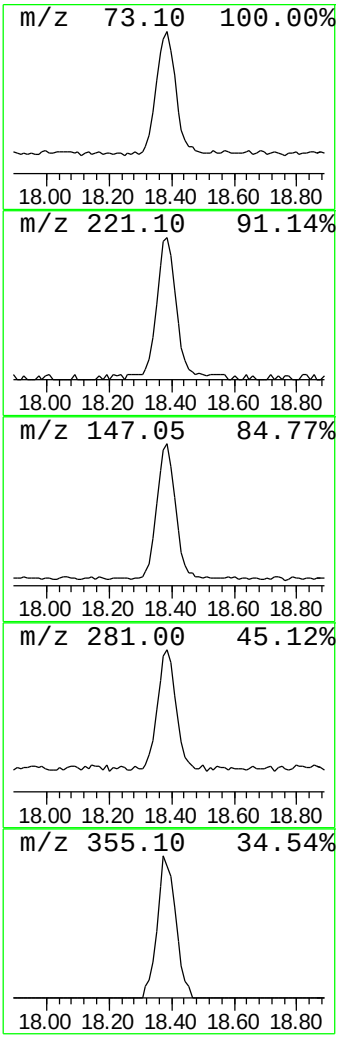
****

Peak Number 11 Cyclononasiloxane, octadeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.95 ng	292716	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27
5	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	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
2-Pentanone, 4-hy...	4.86	25.7	ng	1425010	1	6.70	1109580	20.0
unknown6.48	6.48	112.2	ng	6222930	1	6.70	1109580	20.0
Hexanoic acid, 2-...	7.39	2.8	ng	217471	2	7.98	1567770	20.0
Pentadecane	10.66	2.3	ng	207755	4	11.22	1780070	20.0
3-Eicosene, (E)-	13.71	4.3	ng	289775	5	13.85	1350000	20.0
Cyclononasiloxane...	18.39	6.0	ng	292716	6	15.24	984128	20.0