LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083855.D
Acq On : 16 Dec 2015 18:29
Operator : UM/SJ
Sample : G4795-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-MILLSTONE

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-BF121315.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	2.178	6	8	15	rVB3	28664	54918	1.76%	0.219%
2	4.418	202	204	209	rVB2	27152	42427	1.36%	0.169%
3	5.081	259	262	268	rVB	417328	702379	22.48%	2.804%
4	5.504	296	299	302	rBV	1907588	2342093	74.95%	9.352%
5	6.533	385	389	391	rBV	2161972	2648865	84.77%	10.576%
6	6.659	397	400	403	rBV	2036910	2473180	79.15%	9.875%
7	6.887	418	420	423	rVB	564954	505310	16.17%	2.018%
8	7.047	431	434	437	rBV	2126802	1935017	61.93%	7.726%
9	7.459	466	470	472	rBV	1265003	1768241	56.59%	7.060%
10	8.167	530	532	535	rBV	487634	661413	21.17%	2.641%
11	9.253	624	627	629	rBV	3135681	3124713	100.00%	12.476%
12	9.642	659	661	663	rBV	756352	615243	19.69%	2.457%
13	9.927	683	686	688	rBV	949411	830437	26.58%	3.316%
14	10.362	723	724	726	rVB	40482	36305	1.16%	0.145%
15	10.716	752	755	757	rBV	1942836	1970672	63.07%	7.869%
16	10.830	764	765	770	rVB	34276	63585	2.03%	0.254%
17	11.288	803	805	806	rBV	43577	46564	1.49%	0.186%
18	11.413	813	816	818	rBV	578127	790718	25.31%	3.157%
19	11.642	833	836	838	rBV	73137	110271	3.53%	0.440%
20	11.710	840	842	844	rVB	41622	33995	1.09%	0.136%
21	12.190	882	884	887	rVB	203755	176421	5.65%	0.704%
22	12.991	951	954	957	rBV	2378053	2717028	86.95%	10.849%
23	13.882	1030	1032	1038	rVB	45654	76598	2.45%	0.306%
24	14.042	1043	1046	1048	rBV	759828	740035	23.68%	2.955%
25	14.888	1118	1120	1123	rVB	63049	74464	2.38%	0.297%
26	15.482	1169	1172	1174	rBV	341350	504108	16.13%	2.013%

Sum of corrected areas: 25045000

LSC Report - Integrated Chromatogram

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Misc :
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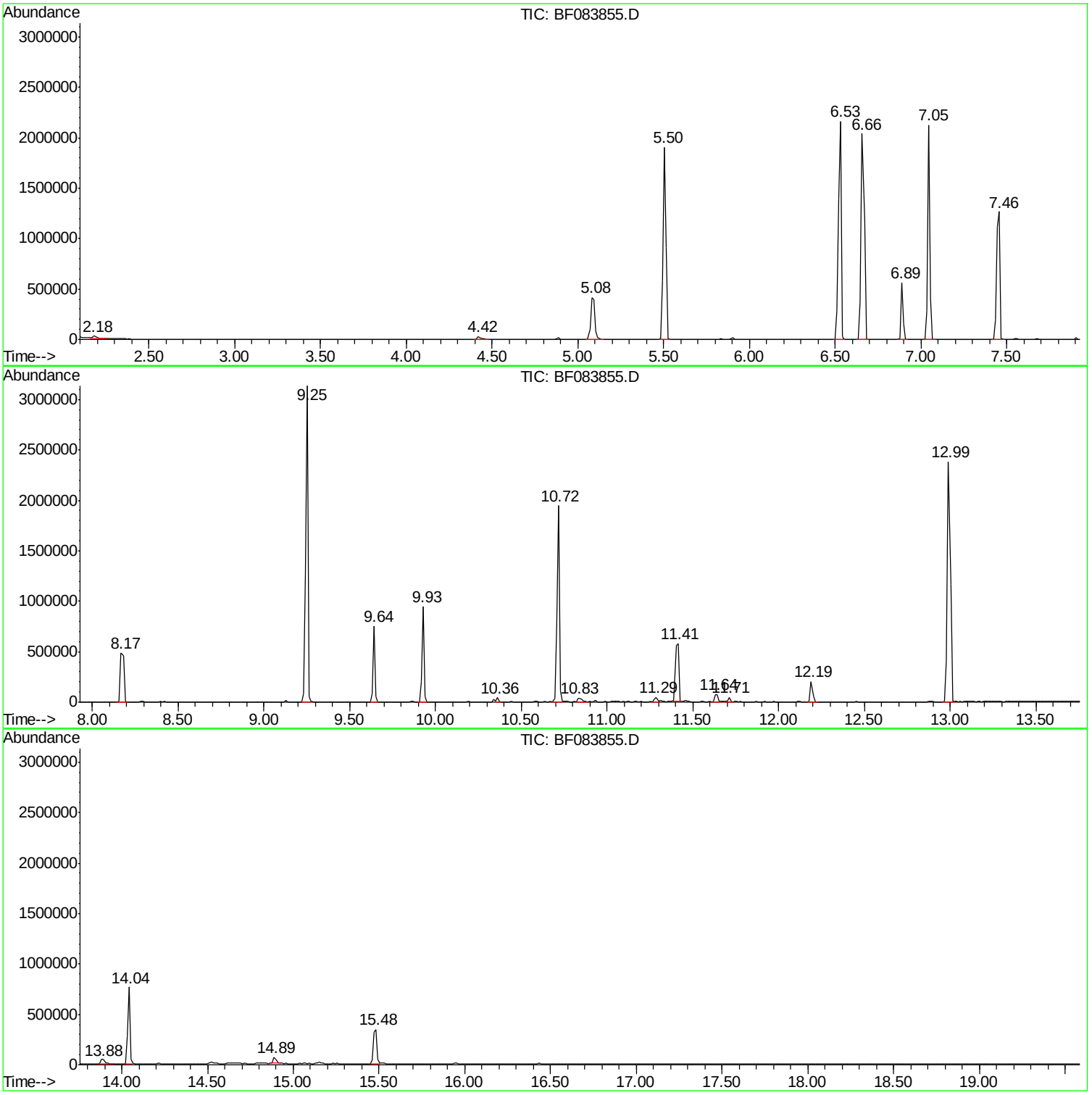
Instrument : BNA_F
ClientSampleId : NC-MILLSTONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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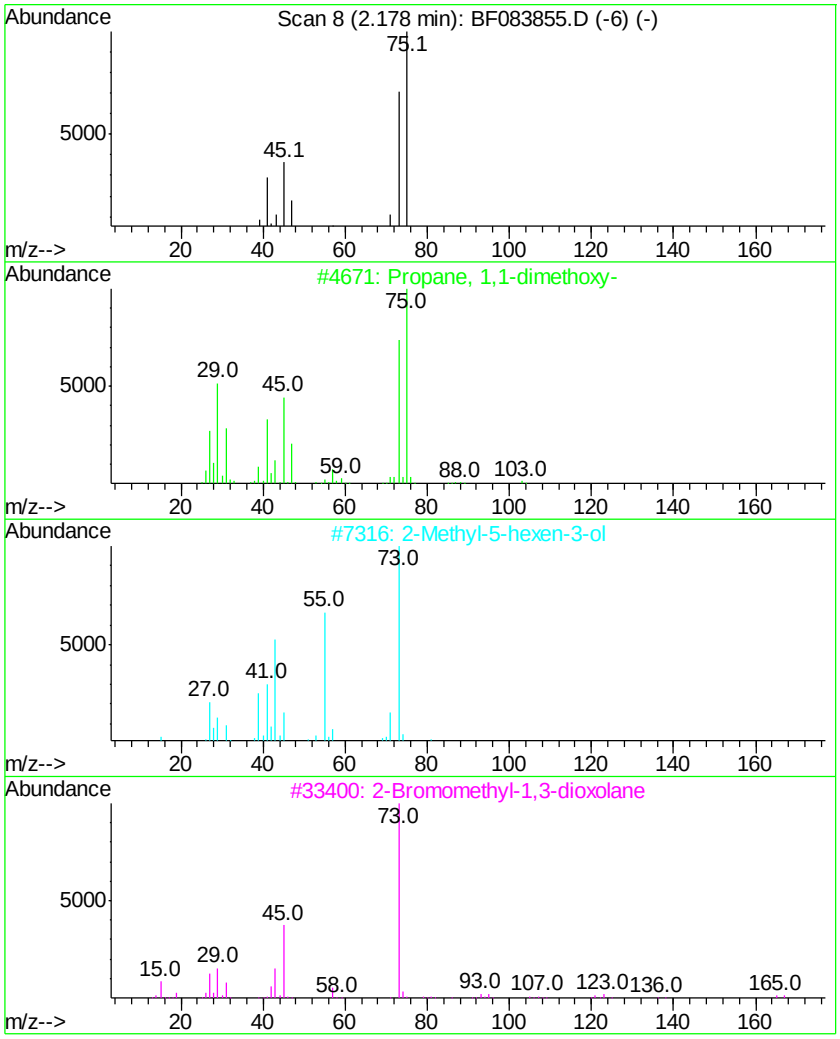
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

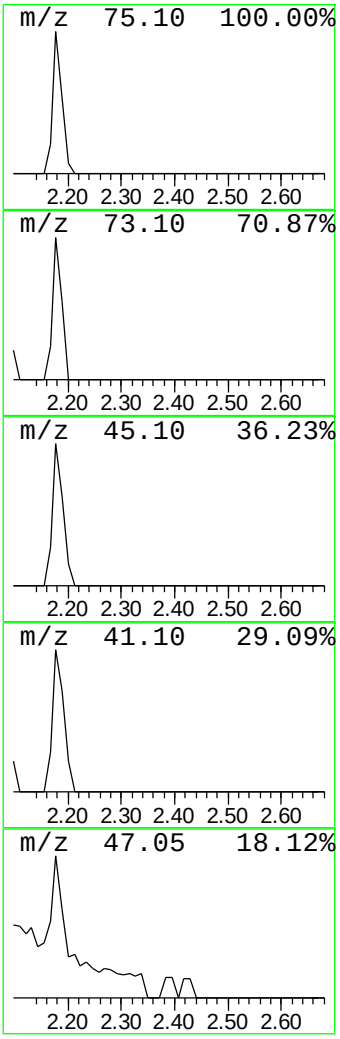
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	2.17 ng	54918	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	4
3	2-Bromomethyl-1,3-dioxolane	166	C4H7BrO2	004360-63-8	4
4	Glycine	75	C2H5NO2	000056-40-6	4
5	Hydrazinecarboxamide	75	CH5N3O	000057-56-7	3





Library Search Compound Report

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Sample : G4795-01
Misc :
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Instrument : BNA_F
ClientSampleId : NC-MILLSTONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

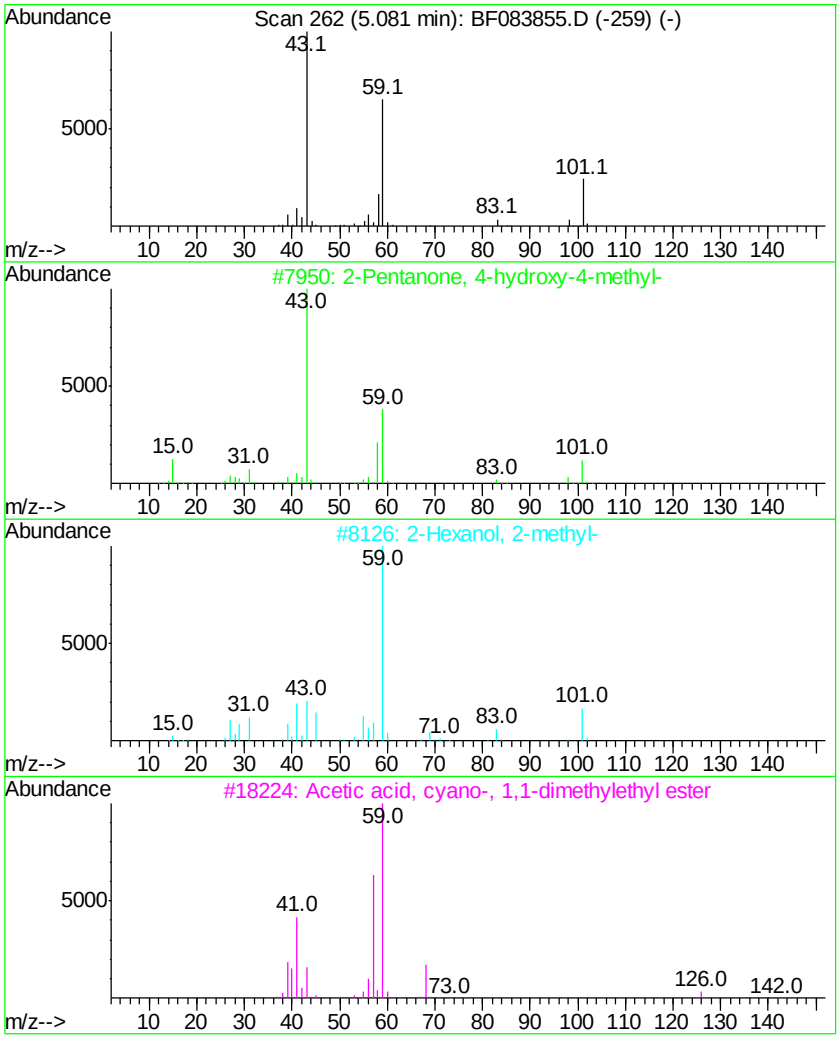
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

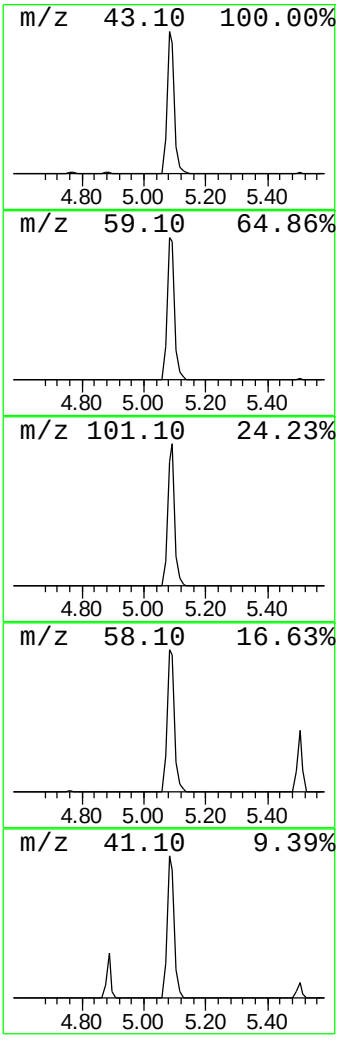
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	27.80 ng	702379	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083855.D
Acq On : 16 Dec 2015 18:29
Operator : UM/SJ
Sample : G4795-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-MILLSTONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

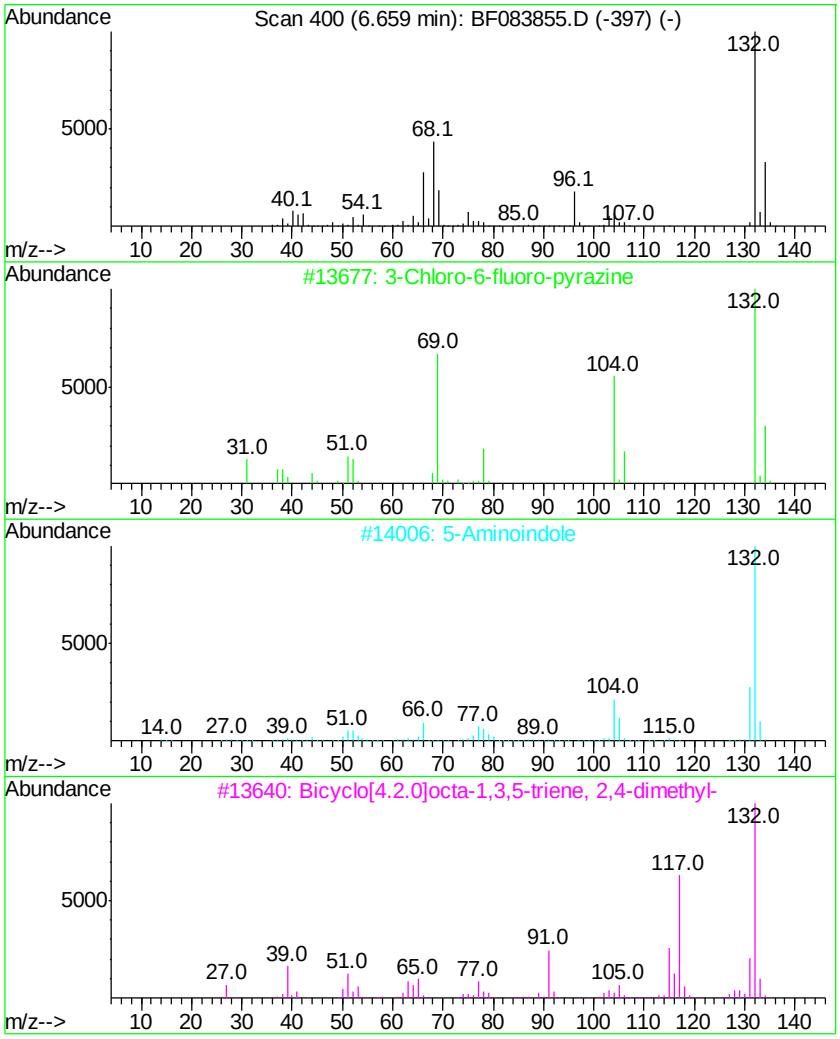
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

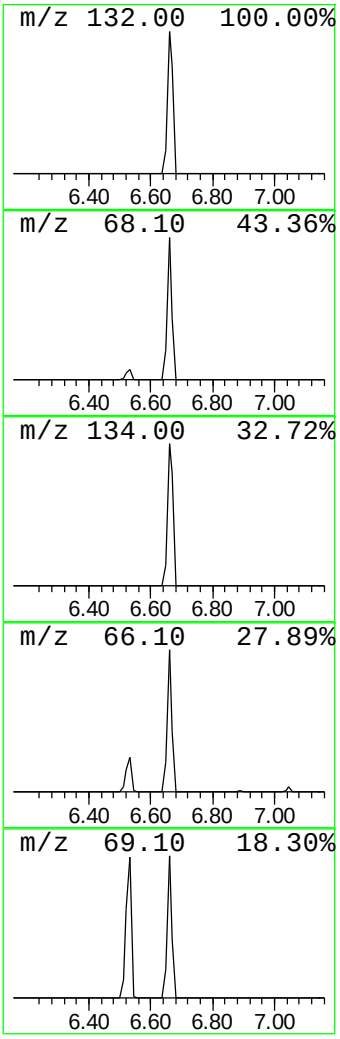
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	97.89 ng	2473180	1,4-Dichlorobenzene-d4	6.89

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : G4795-01
Misc :
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Instrument : BNA_F
ClientSampleId : NC-MILLSTONE

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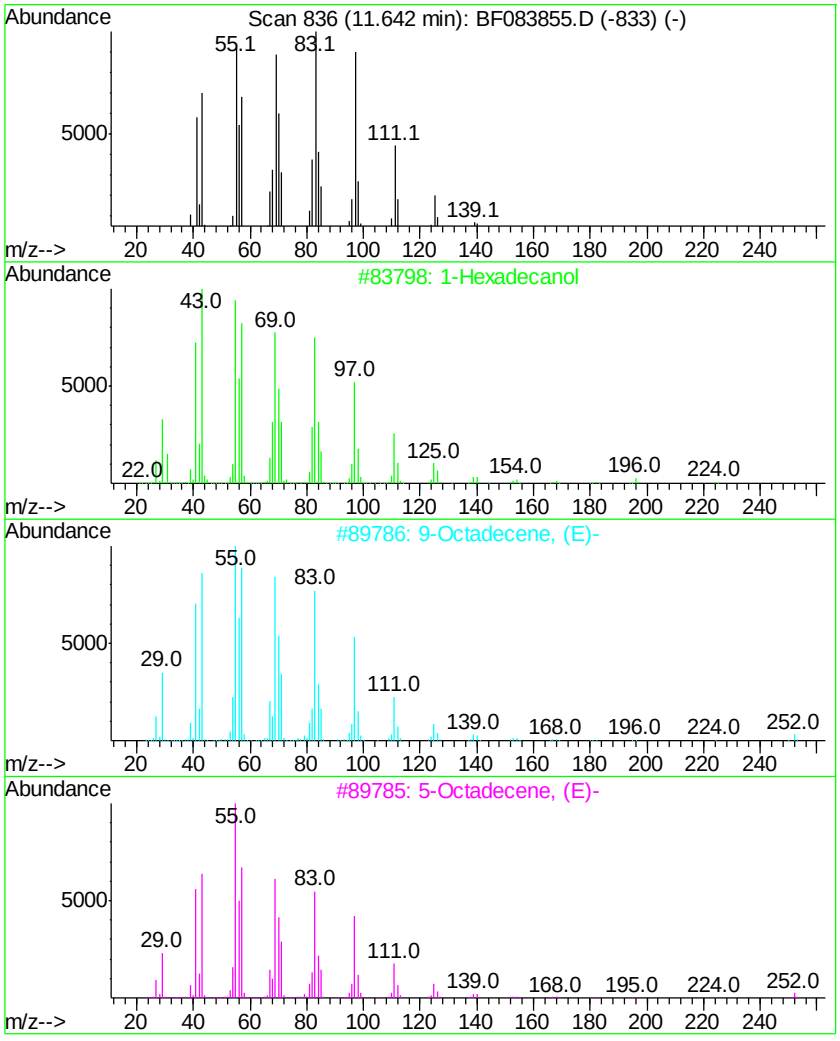
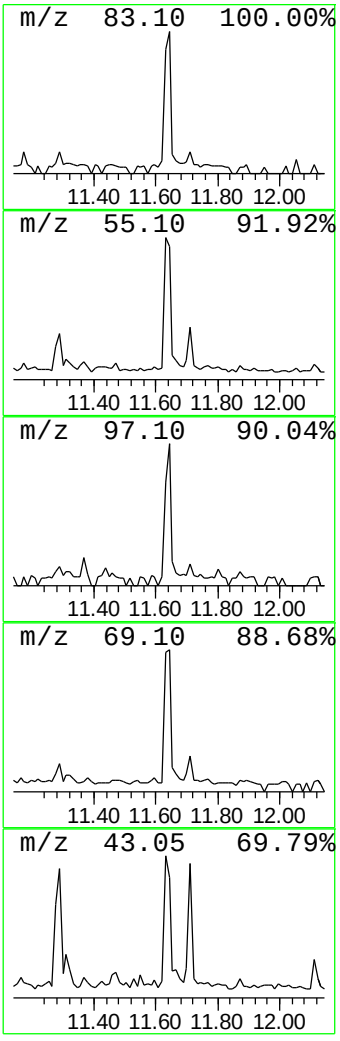
****

Peak Number 5 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.79 ng	110271	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	1-Hexadecene	224	C16H32	000629-73-2	81





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Sample : G4795-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-MILLSTONE

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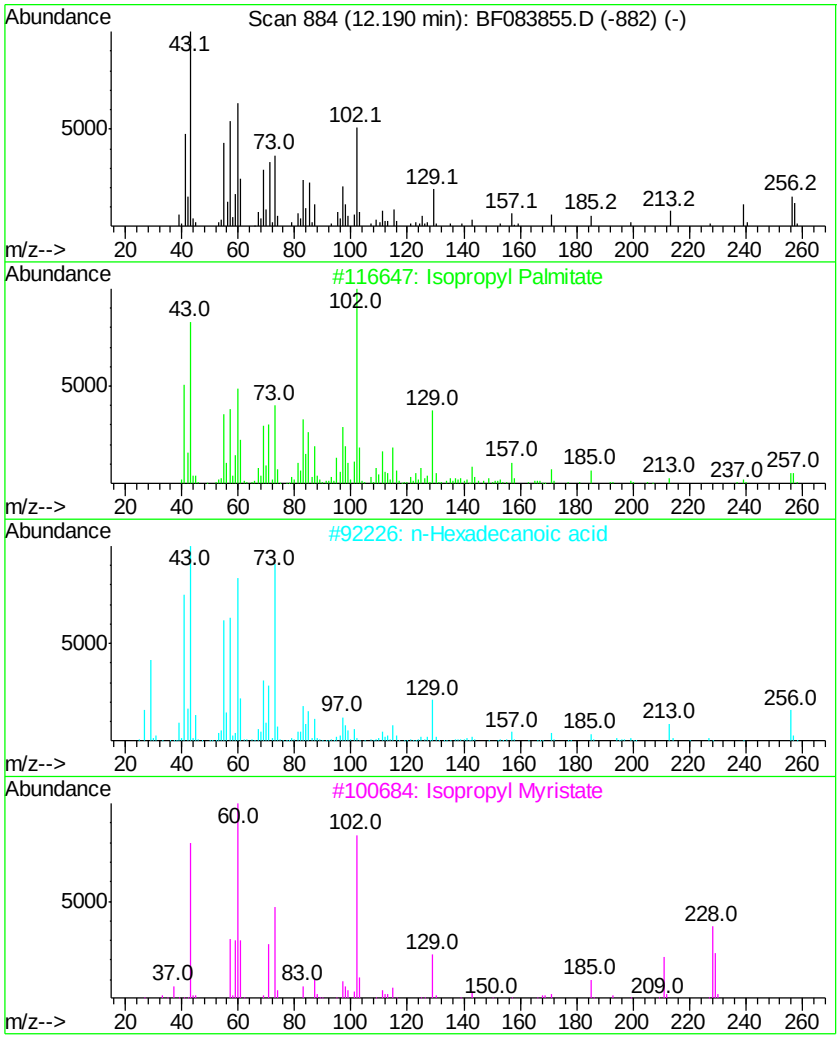
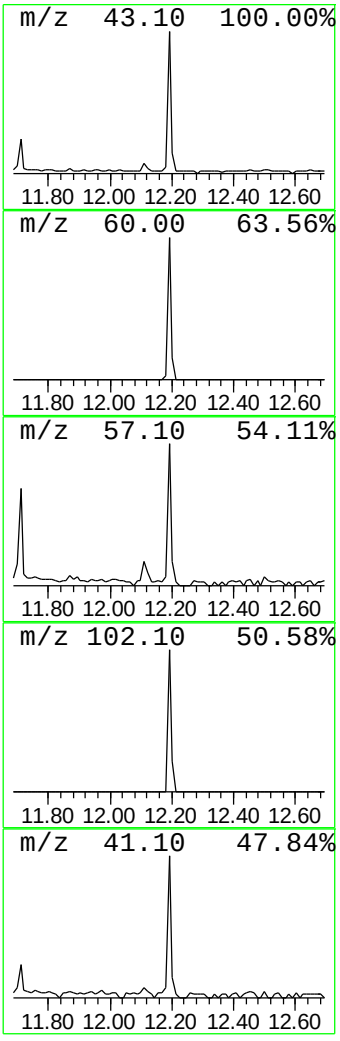
****

Peak Number 6 Isopropyl Palmitate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.46 ng	176421	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Isopropyl Myristate	270	C17H34O2	000110-27-0	52
4	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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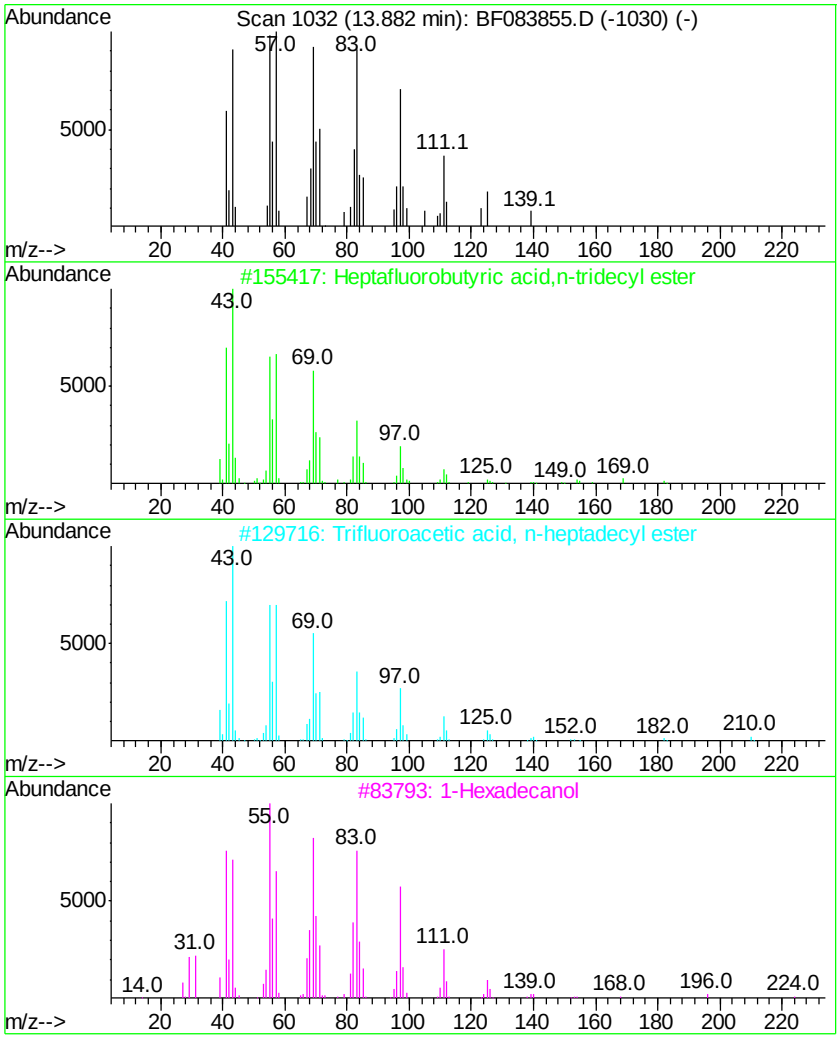
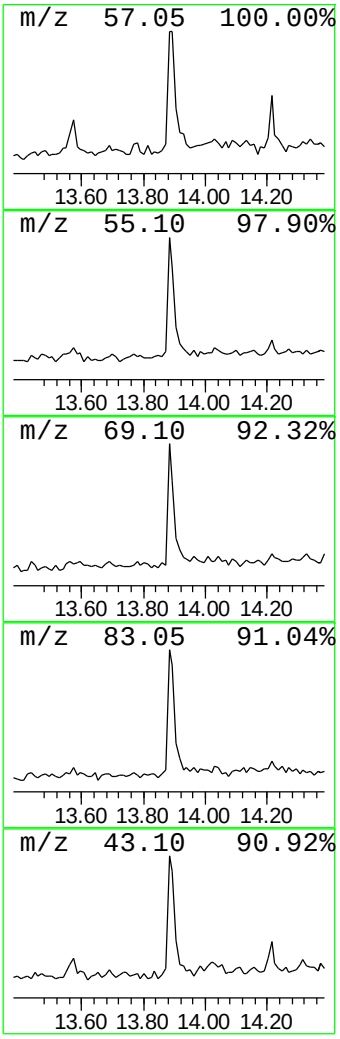
****

Peak Number 7 Heptafluorobutyric acid,n-t... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.07 ng	76598	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid,n-tridec...	396	C17H27F7O2	1000216-78-9	91
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	80





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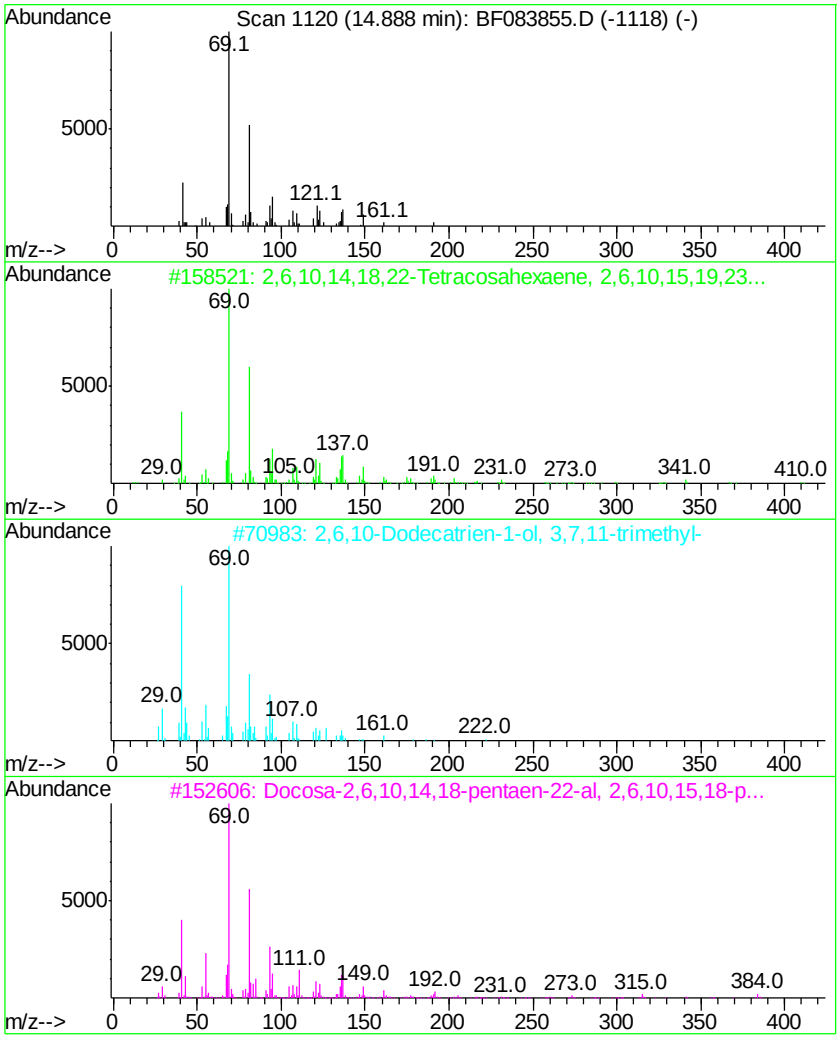
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

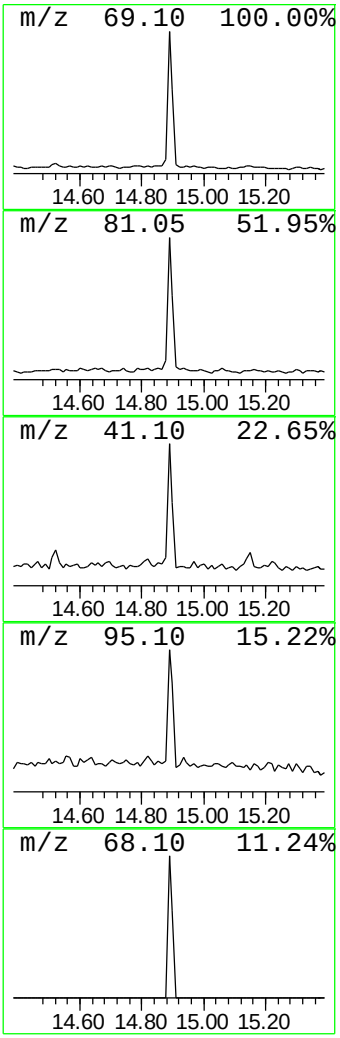
****

Peak Number 8 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.95 ng	74464	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	74
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	72
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.18	2.2	ng	54918	1	6.89	505310	20.0
2-Pentanone, 4-hy...	5.08	27.8	ng	702379	1	6.89	505310	20.0
unknown6.66	6.66	97.9	ng	2473180	1	6.89	505310	20.0
1-Hexadecanol	11.64	2.8	ng	110271	4	11.41	790718	20.0
Isopropyl Palmitate	12.19	4.5	ng	176421	4	11.41	790718	20.0
Heptafluorobutyri...	13.88	2.1	ng	76598	5	14.04	740035	20.0
2,6,10,14,18,22-T...	14.89	3.0	ng	74464	6	15.48	504108	20.0