LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103063.D
Acq On : 16 Feb 2018 20:06
Operator : SJ/JU
Sample : J1575-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-A

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-BF020318.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	2.175	8	15	22	rBV	918115	1247527	32.69%	3.945%
2	5.081	504	509	512	rBV	30321	38947	1.02%	0.123%
3	5.116	512	515	526	rVB	116511	154200	4.04%	0.488%
4	5.504	576	581	584	rBV	3857129	3816426	100.00%	12.069%
5	6.510	747	752	755	rBV	3405445	3668226	96.12%	11.600%
6	6.651	771	776	779	rBV	3664244	3680118	96.43%	11.638%
7	6.875	811	814	818	rBV	1178036	1007091	26.39%	3.185%
8	7.034	837	841	844	rBV	3174771	2829529	74.14%	8.948%
9	7.440	905	910	913	rBV	2269714	2304747	60.39%	7.289%
10	8.157	1029	1032	1051	rVB	1325833	1262222	33.07%	3.992%
11	9.234	1210	1215	1218	rBV	3593743	3175012	83.19%	10.041%
12	9.304	1224	1227	1230	rVB	81564	63973	1.68%	0.202%
13	9.622	1277	1281	1289	rBV	239501	249115	6.53%	0.788%
14	9.834	1314	1317	1321	rVB	157516	121967	3.20%	0.386%
15	9.916	1327	1331	1339	rVB	1247169	1111679	29.13%	3.516%
16	10.333	1399	1402	1405	rVB	170463	121649	3.19%	0.385%
17	10.551	1435	1439	1442	rBV	38766	48673	1.28%	0.154%
18	10.704	1461	1465	1475	rBV	1706136	1600598	41.94%	5.062%
19	10.804	1479	1482	1491	rVB	111644	122189	3.20%	0.386%
20	11.404	1580	1584	1587	rBV	1076923	913917	23.95%	2.890%
21	12.986	1849	1853	1856	rBV	2539571	2296512	60.17%	7.263%
22	13.869	2000	2003	2011	rBV	153157	185531	4.86%	0.587%
23	14.045	2029	2033	2041	rVB	851292	835388	21.89%	2.642%
24	14.886	2174	2176	2186	rVB2	67982	94726	2.48%	0.300%
25	15.539	2282	2287	2295	rBV2	474412	671500	17.59%	2.124%

Sum of corrected areas: 31621462

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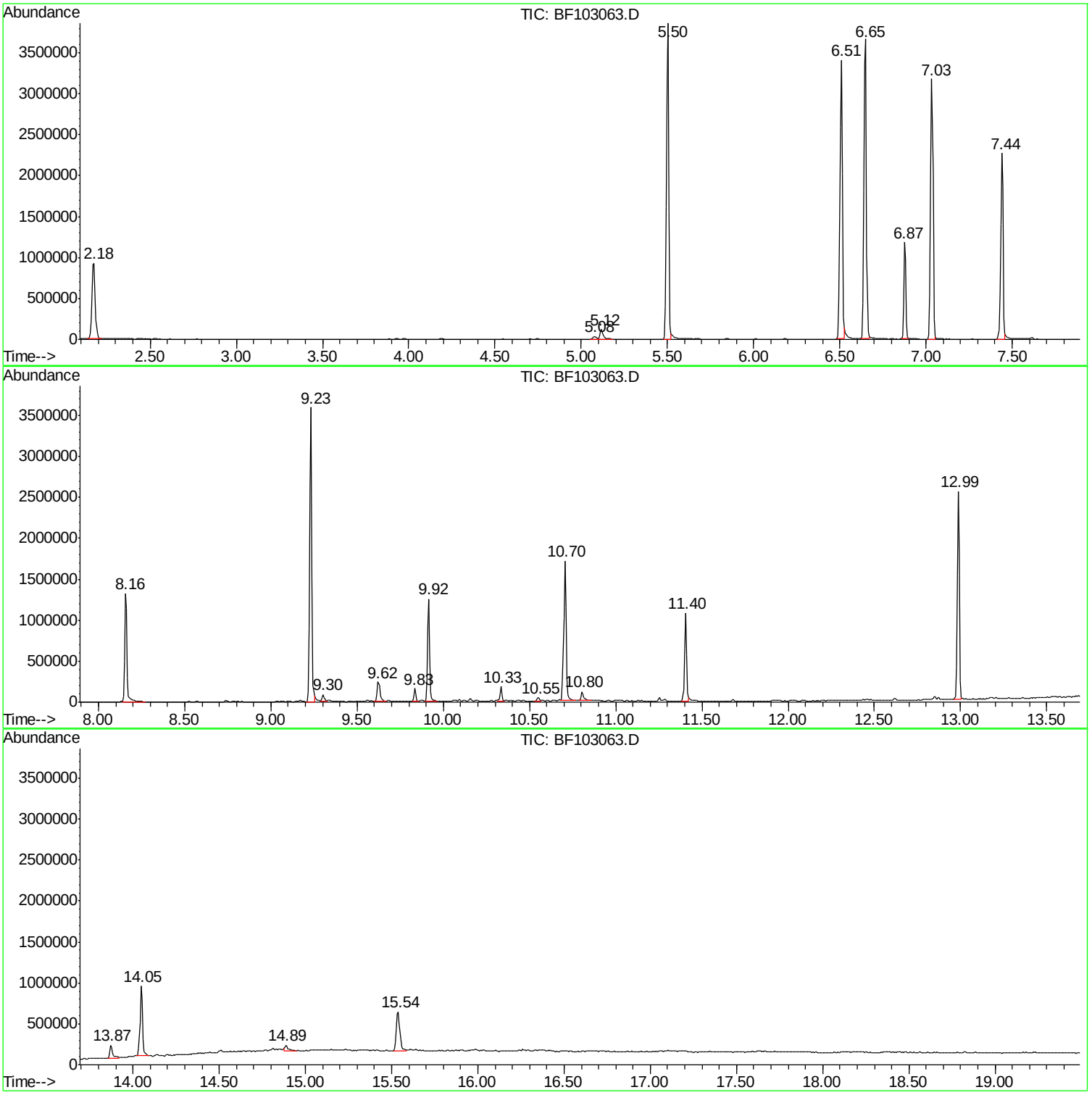
Instrument :
BNA_F
ClientSampleId :
SAMPLE-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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Data File : BF103063.D
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Operator : SJ/JU
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Misc :
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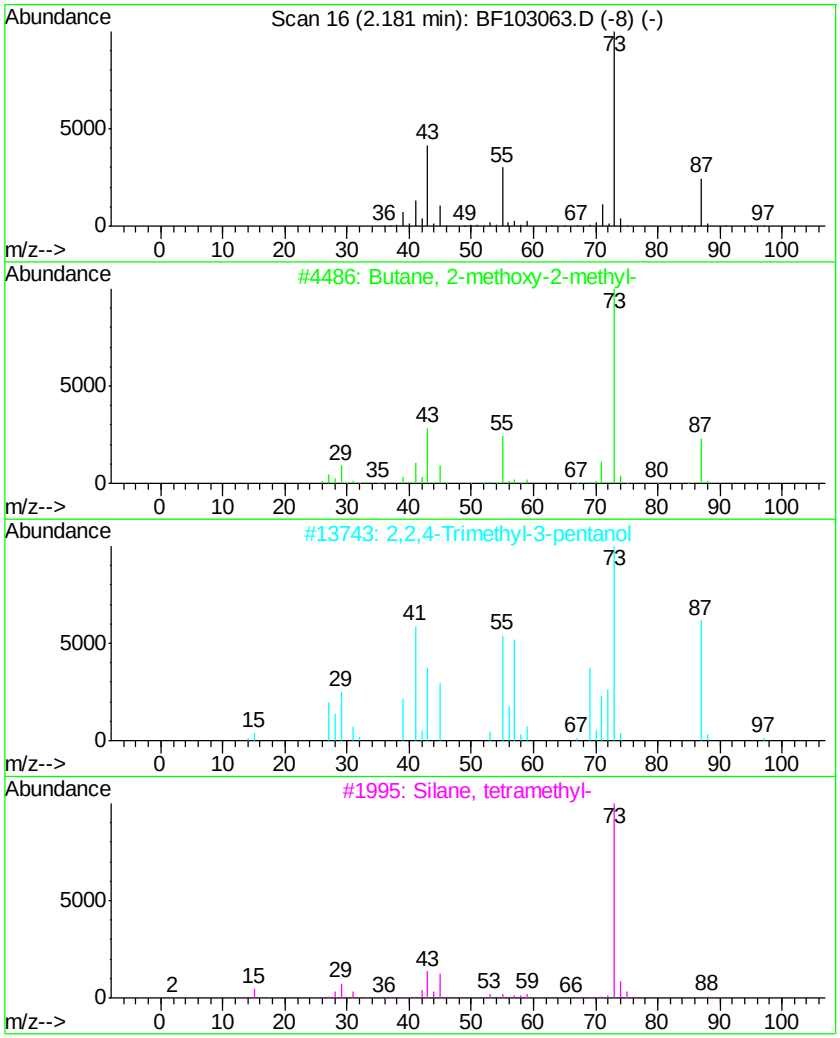
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

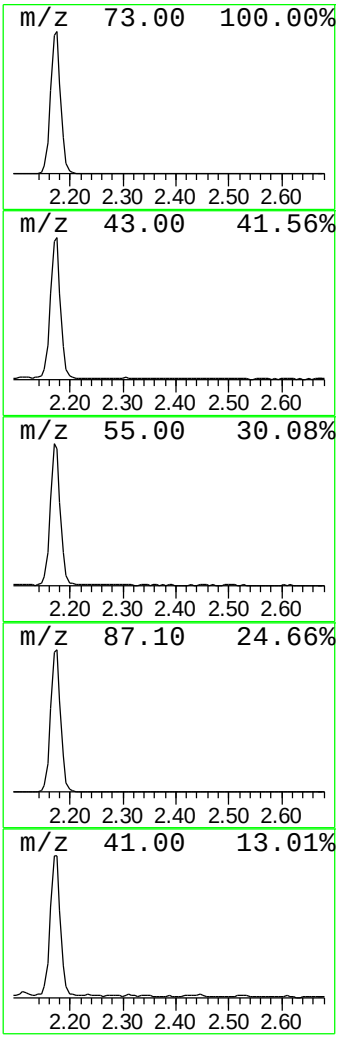
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	24.77 ng	1247530	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





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Misc :
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Instrument : BNA_F
ClientSampleId : SAMPLE-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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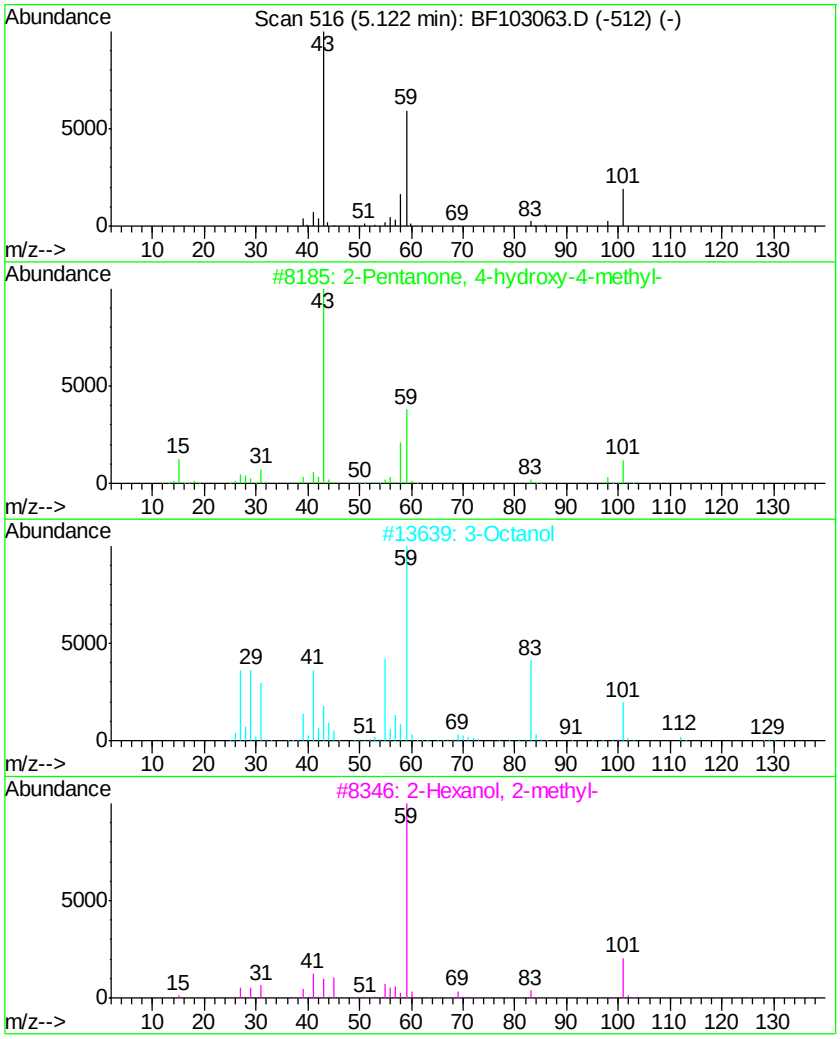
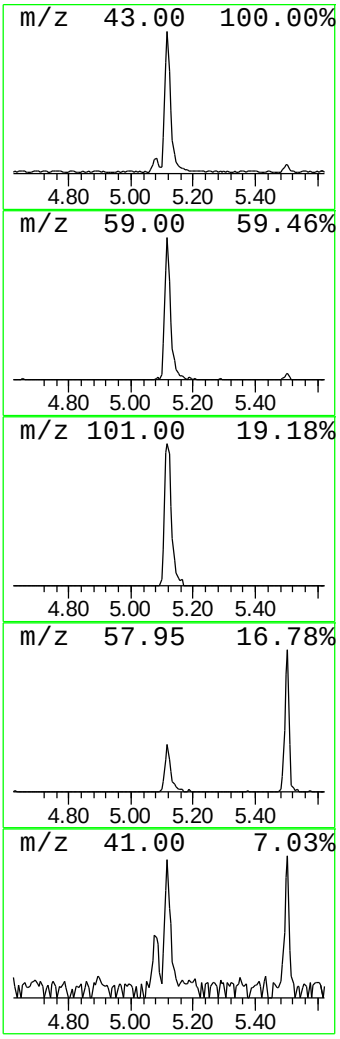
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.06 ng	154200	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Octanol	130	C8H18O	000589-98-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103063.D
Acq On : 16 Feb 2018 20:06
Operator : SJ/JU
Sample : J1575-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

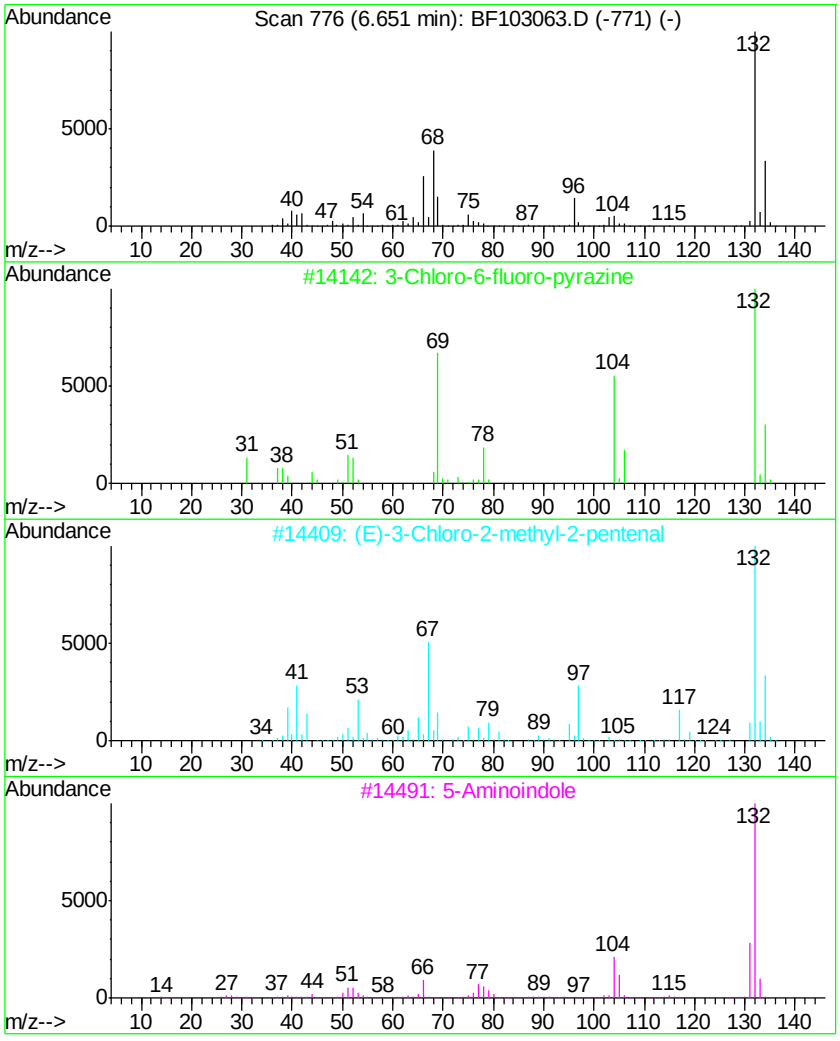
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

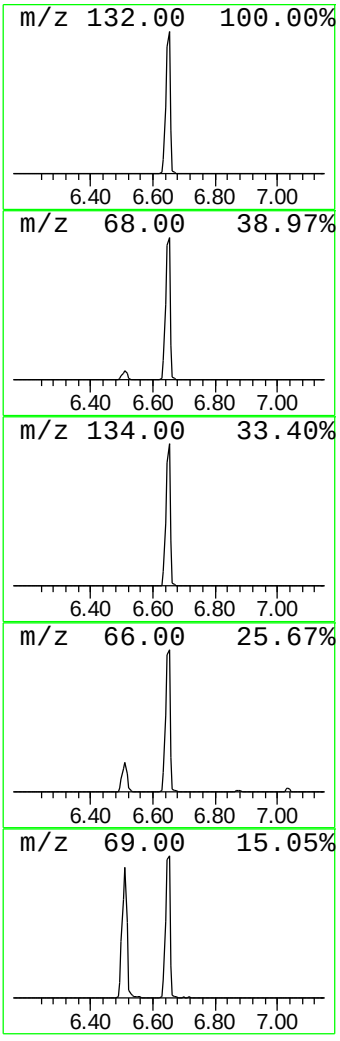
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	73.08 ng	3680120	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Data File : BF103063.D
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Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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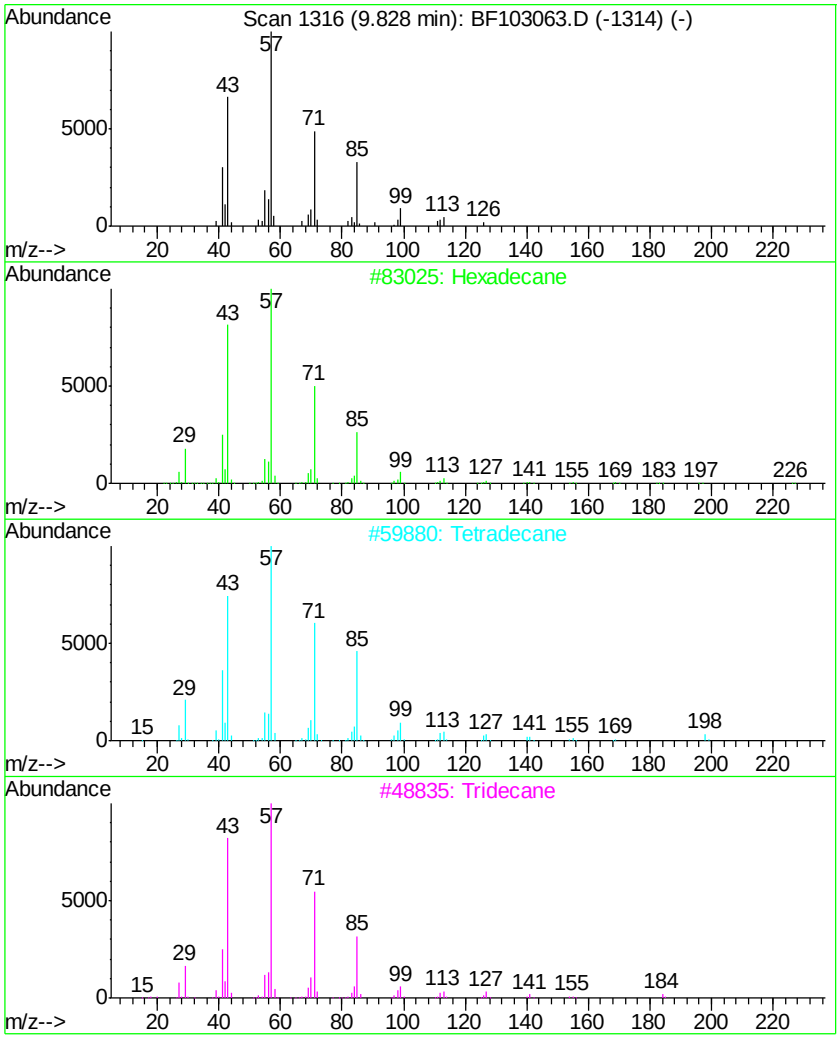
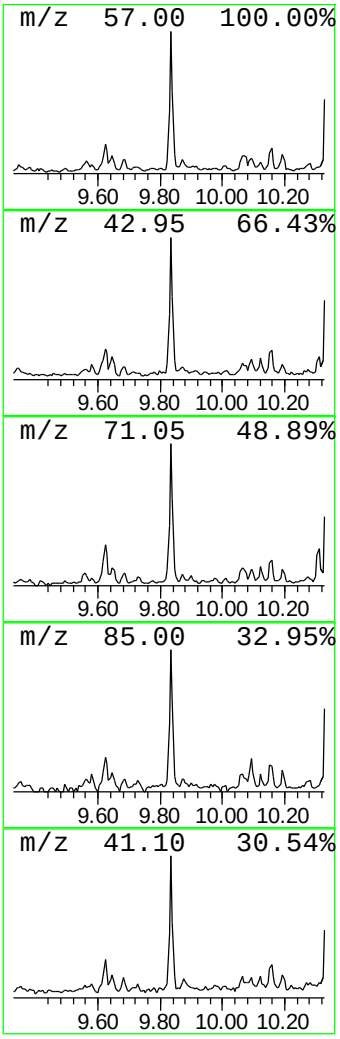
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.19 ng	121967	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tridecane	184	C13H28	000629-50-5	72
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-A

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

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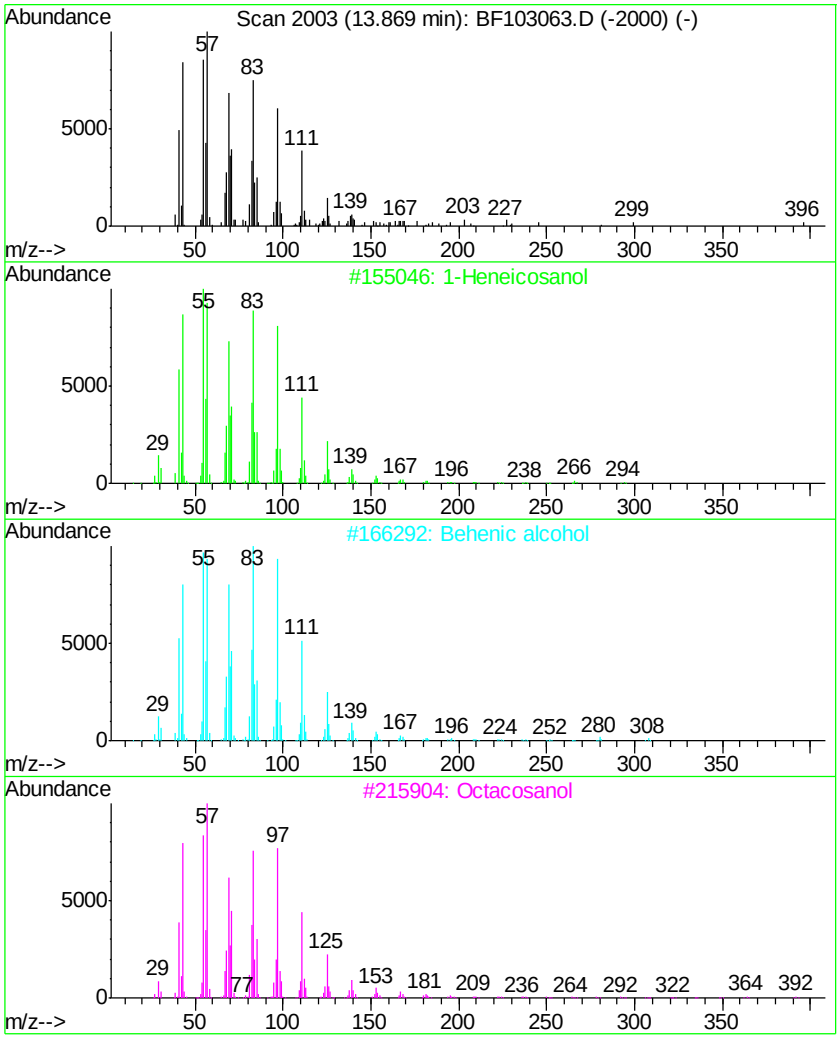
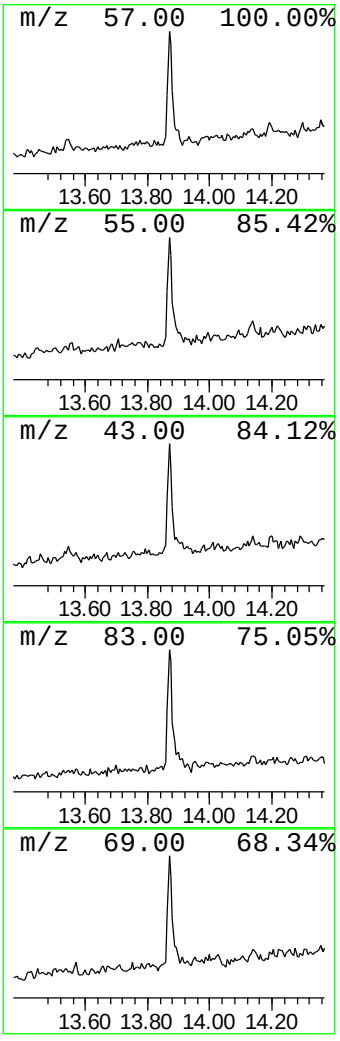
Peak Number 8 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.44 ng	185531	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SAMPLE-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

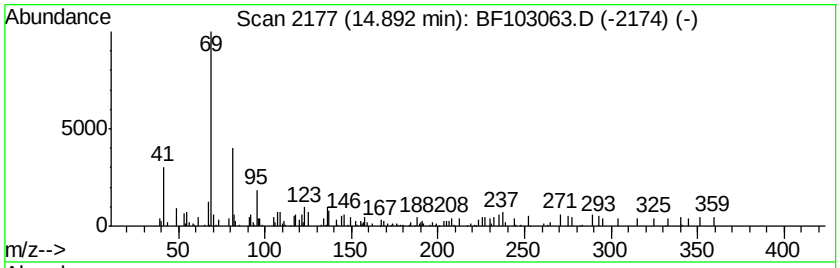
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

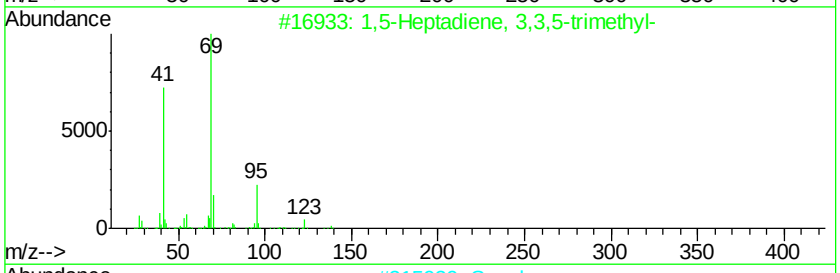
****

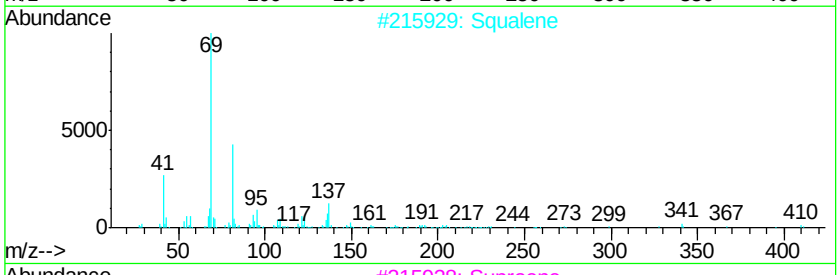
Peak Number 9 1,5-Heptadiene, 3,3,5-trime... Concentration Rank 6

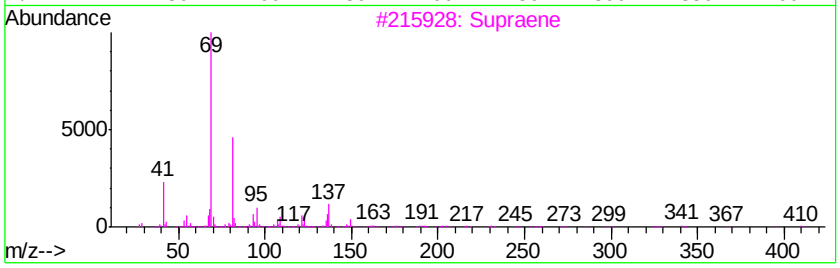
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.82 ng	94726	Perylene-d12	15.54

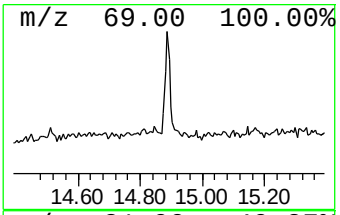
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	50
2	Squalene	410	C30H50	000111-02-4	50
3	Supraene	410	C30H50	007683-64-9	50
4	Cyclopropylcarboxylic acid, 2,4,...	264	C10H7Cl3O2	1000325-67-6	50
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	47

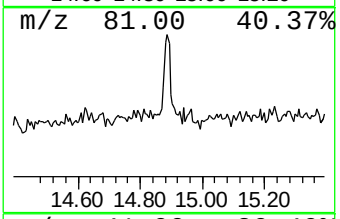


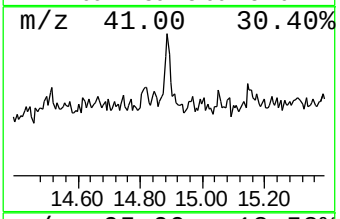


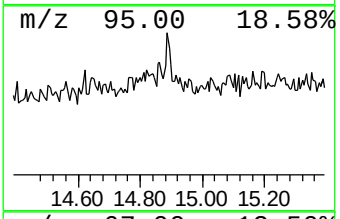


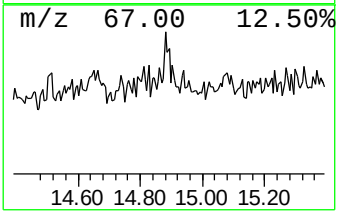












Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.18	24.8	ng	1247530	1	6.87	1007090	20.0
2-Pentanone, 4-hy...	5.12	3.1	ng	154200	1	6.87	1007090	20.0
unknown6.65	6.65	73.1	ng	3680120	1	6.87	1007090	20.0
Hexadecane	9.83	2.2	ng	121967	3	9.92	1111680	20.0
1-Heneicosanol	13.87	4.4	ng	185531	5	14.05	835388	20.0
1,5-Heptadiene, 3...	14.89	2.8	ng	94726	6	15.54	671500	20.0