LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

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-BF110817.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	5.128	512	517	526	rVB	656942	785672	19.02%	1.888%
2	5.516	577	583	586	rBV	3444114	3447621	83.45%	8.285%
3	6.516	747	753	758	rBV	3081585	3720659	90.06%	8.941%
4	6.669	774	779	782	rBV	3456896	3539814	85.68%	8.507%
5	6.898	814	818	822	rVB	1374747	1117728	27.05%	2.686%
6	7.057	840	845	848	rBV	3042728	2748417	66.52%	6.605%
7	7.457	908	913	916	rBV	2184079	2238213	54.17%	5.379%
8	8.181	1031	1036	1039	rBV	1803665	1510767	36.57%	3.631%
9	8.734	1125	1130	1133	rBV	420254	322506	7.81%	0.775%
10	9.257	1213	1219	1222	rVB	4600737	4131469	100.00%	9.929%
11	9.645	1280	1285	1288	rBV	1248594	984573	23.83%	2.366%
12	9.728	1292	1299	1305	rVV	133862	184485	4.47%	0.443%
13	9.933	1330	1334	1338	rVB	1858749	1697785	41.09%	4.080%
14	10.339	1395	1403	1410	rBV5	83206	145265	3.52%	0.349%
15	10.651	1450	1456	1459	rBV	1459847	1315702	31.85%	3.162%
16	10.722	1462	1468	1474	rBV	2700813	2593807	62.78%	6.233%
17	11.422	1581	1587	1590	rBV	2103860	1783419	43.17%	4.286%
18	11.475	1593	1596	1601	rVB3	32373	48971	1.19%	0.118%
19	11.775	1627	1647	1656	rBV2	312793	1546775	37.44%	3.717%
20	11.939	1668	1675	1678	rBV3	298621	326229	7.90%	0.784%
21	11.969	1678	1680	1685	rVB	45982	69729	1.69%	0.168%
22	12.627	1789	1792	1798	rBV	163819	187754	4.54%	0.451%
23	12.727	1805	1809	1817	rBV	184302	270472	6.55%	0.650%
24	12.857	1826	1831	1833	rBV2	100313	92403	2.24%	0.222%
25	12.933	1840	1844	1852	rVV7	38931	83815	2.03%	0.201%
26	13.010	1852	1857	1860	rVB	3631703	3715504	89.93%	8.929%
27	13.539	1943	1947	1951	rBV2	98781	112182	2.72%	0.270%
28	13.810	1987	1993	1999	rVB3	81751	161600	3.91%	0.388%
29	13.892	2004	2007	2010	rBV2	174329	153514	3.72%	0.369%
30	14.057	2029	2035	2038	rBV	1465322	1377363	33.34%	3.310%
31	14.439	2098	2100	2105	rBV2	54110	86743	2.10%	0.208%
32	14.680	2139	2141	2148	rBV4	59849	80618	1.95%	0.194%
33	15.539	2282	2287	2291	rBV	821550	1029796	24.93%	2.475%

LSC Area Percent Report

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Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 41611370

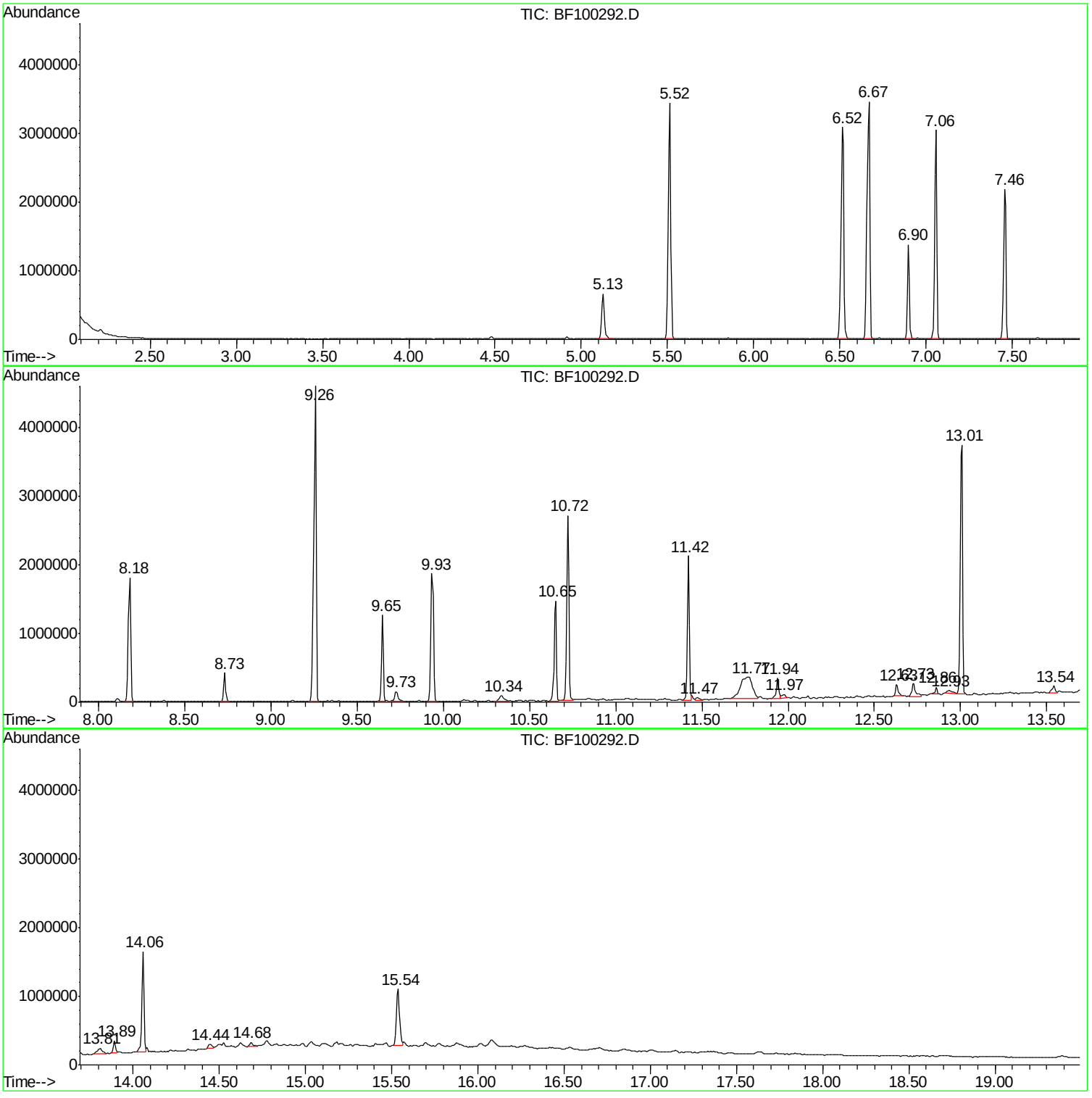
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

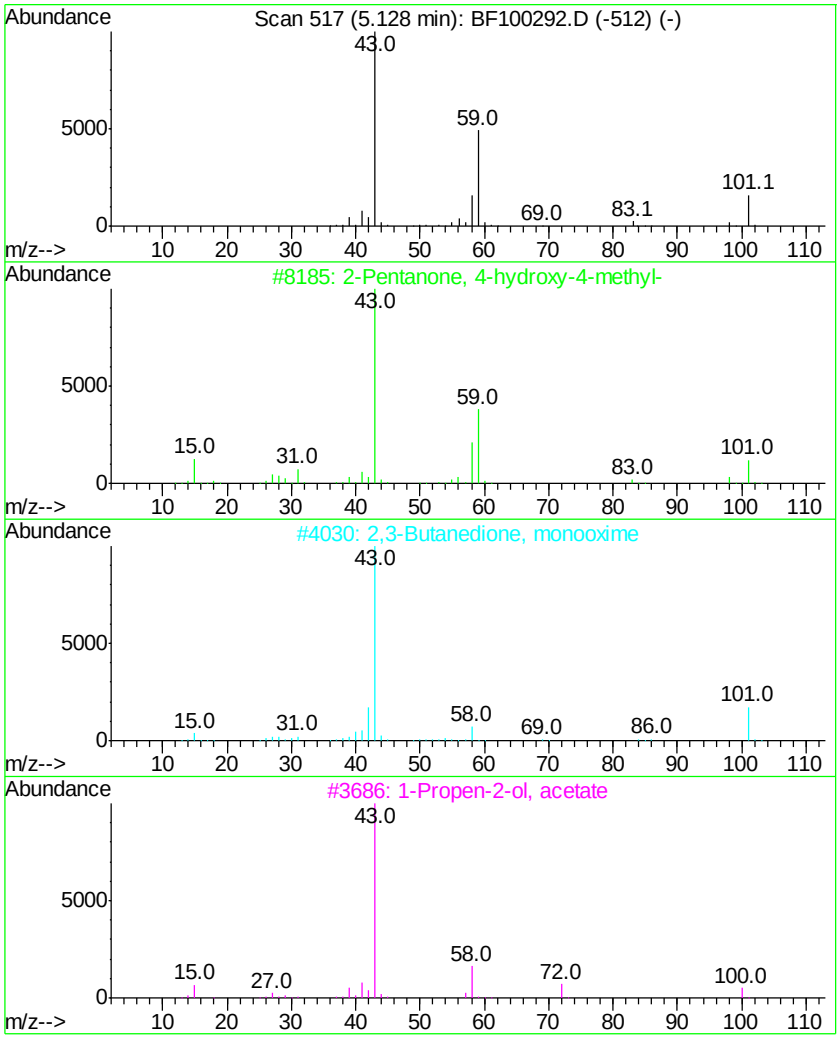
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

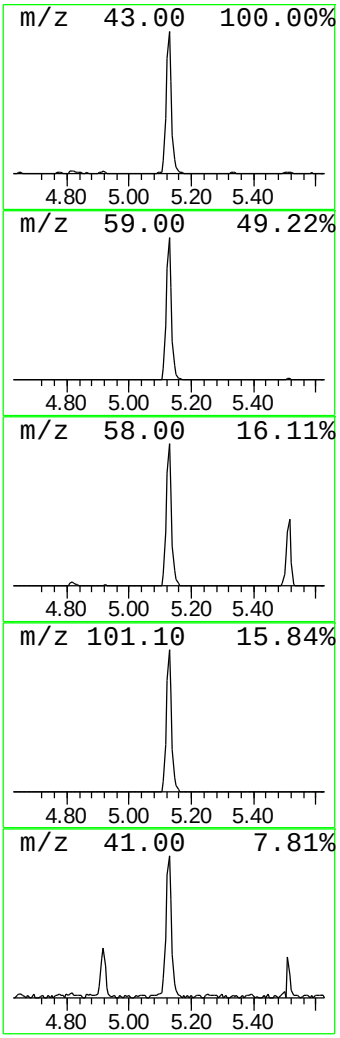
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.06 ng	785672	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

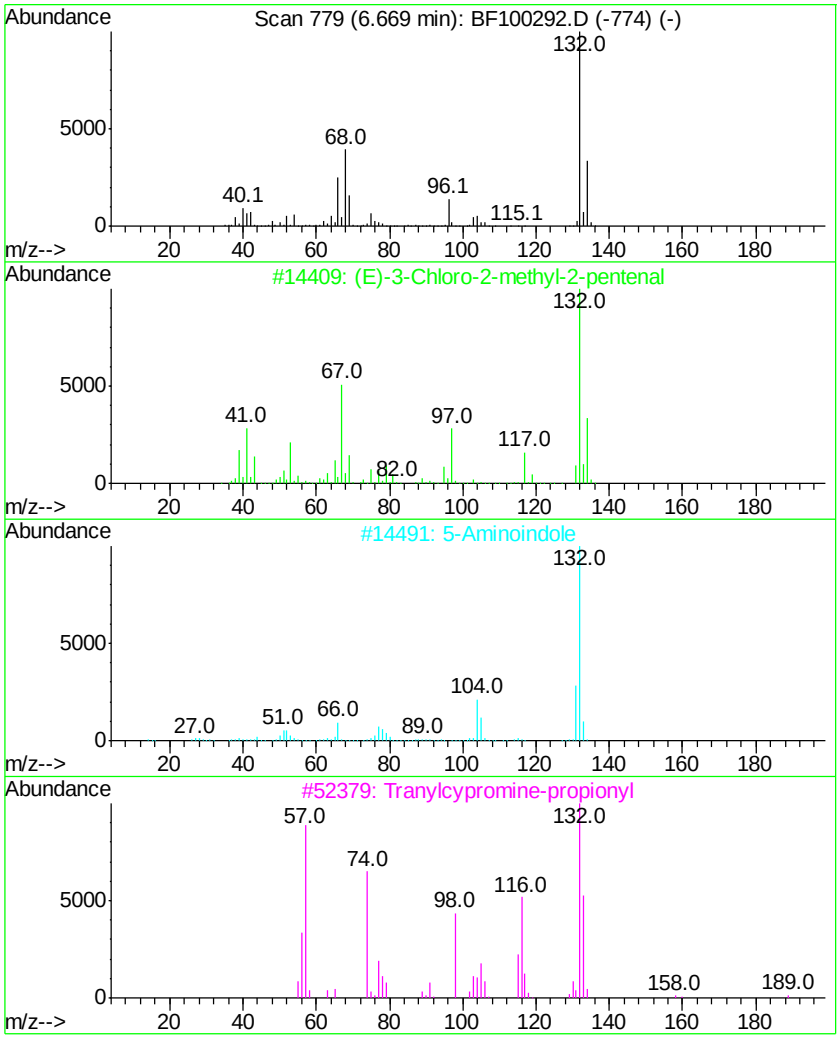
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

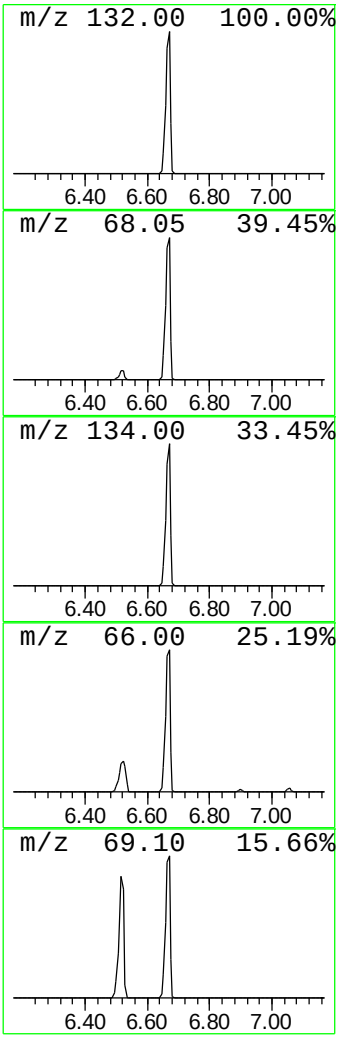
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	63.34 ng	3539810	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

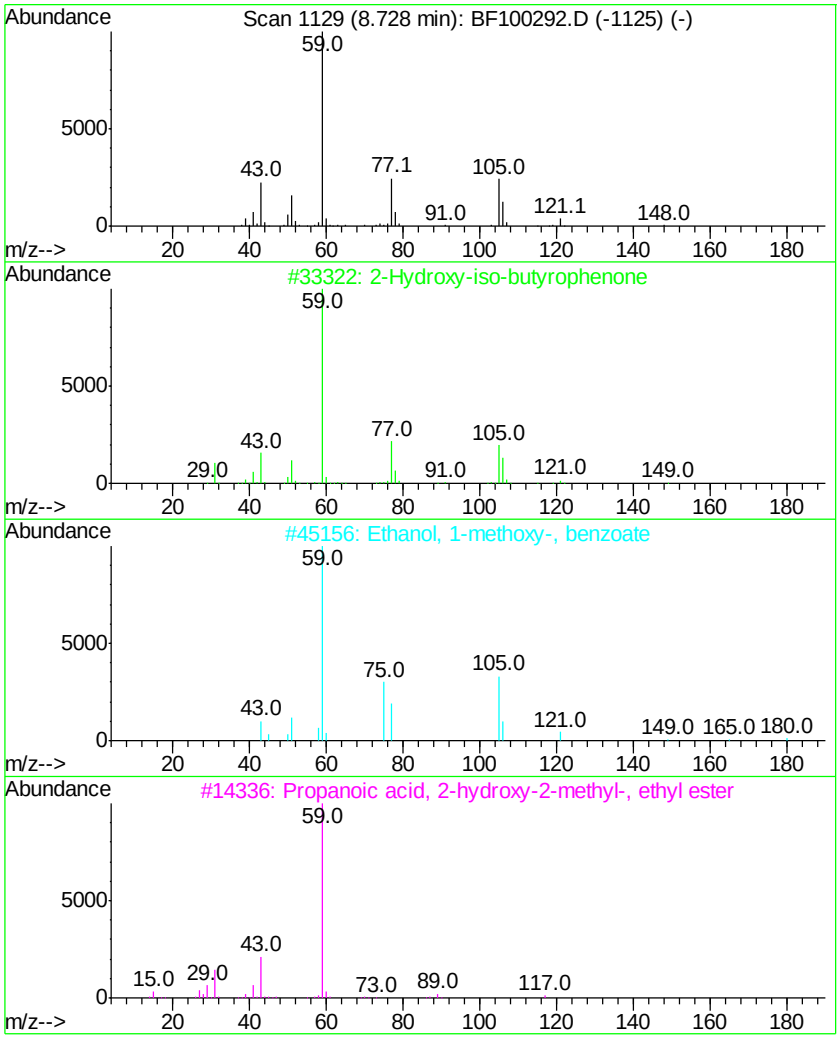
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

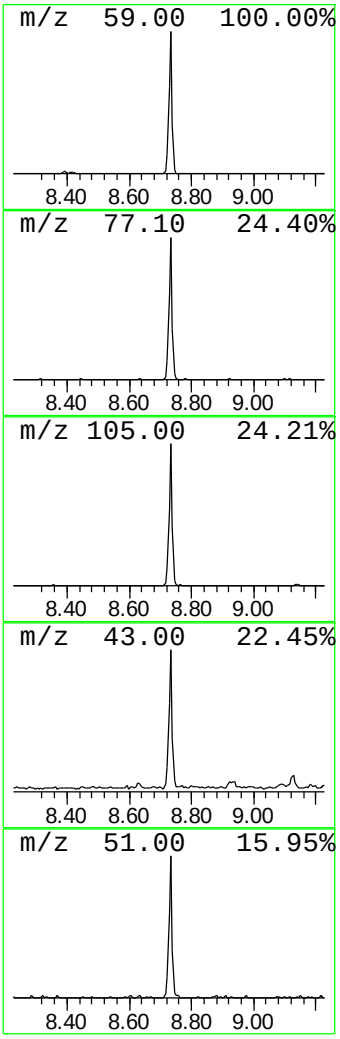
****

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.27 ng	322506	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	23
4	Hexanamide	115	C6H13NO	000628-02-4	9
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

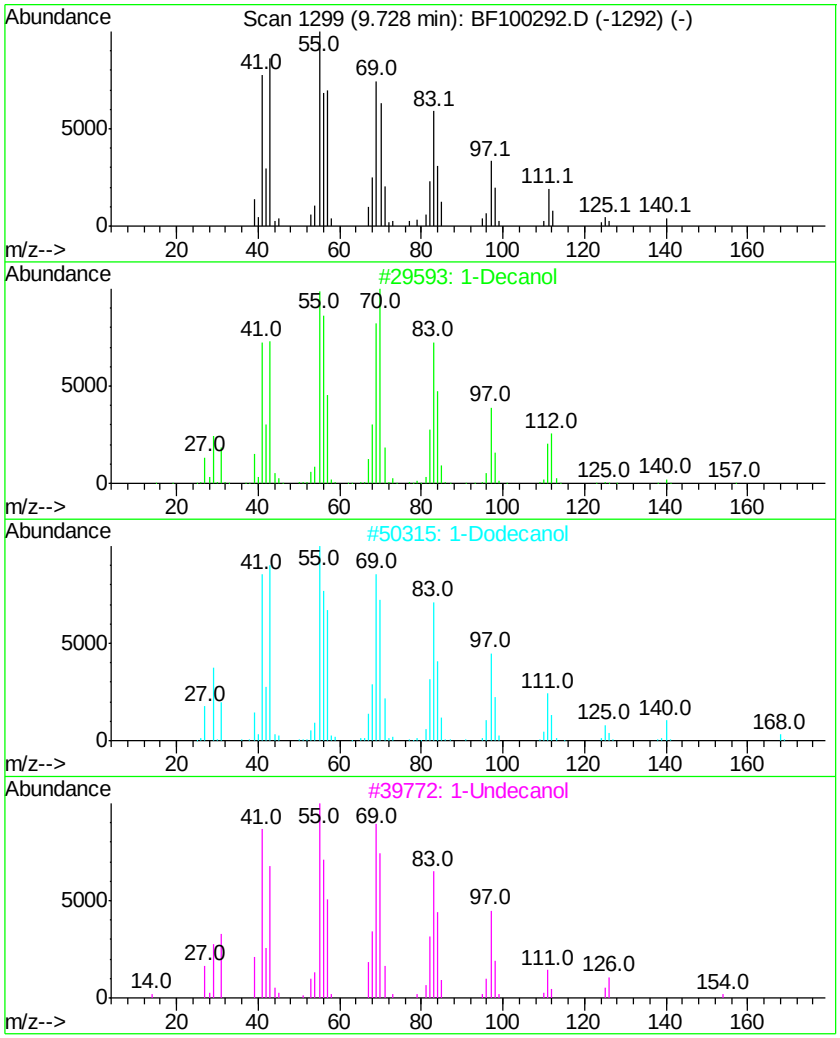
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

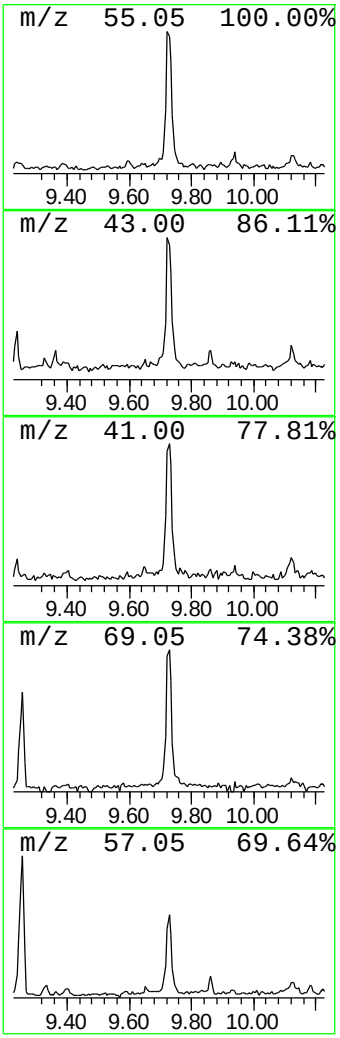
****

Peak Number 5 1-Decanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	2.17 ng	184485	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol	158	C10H22O	000112-30-1	91
2	1-Dodecanol	186	C12H26O	000112-53-8	90
3	1-Undecanol	172	C11H24O	000112-42-5	87
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	81
5	1-Decene	140	C10H20	000872-05-9	81





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Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

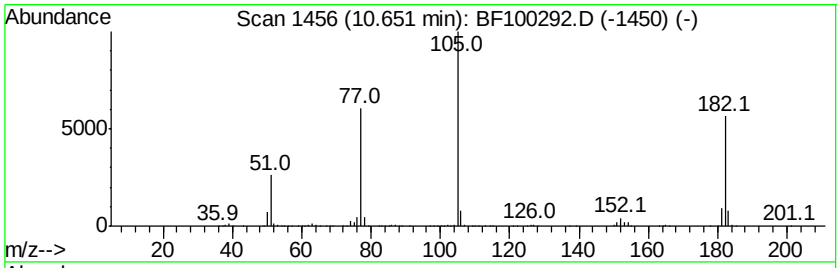
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

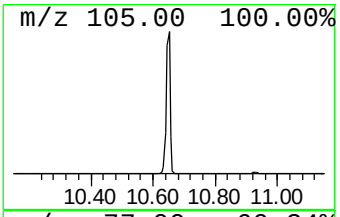
****

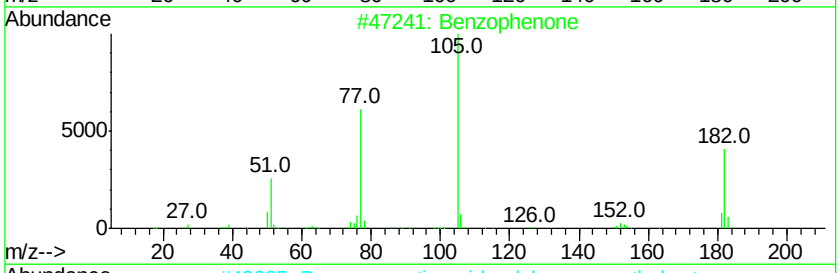
Peak Number 6 Benzophenone Concentration Rank 4

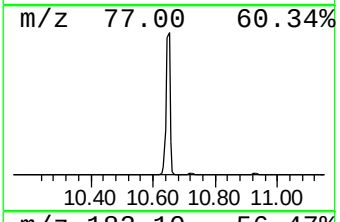
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	15.50 ng	1315700	Acenaphthene-d10	9.93

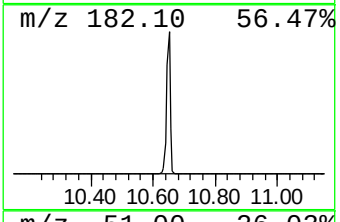
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47

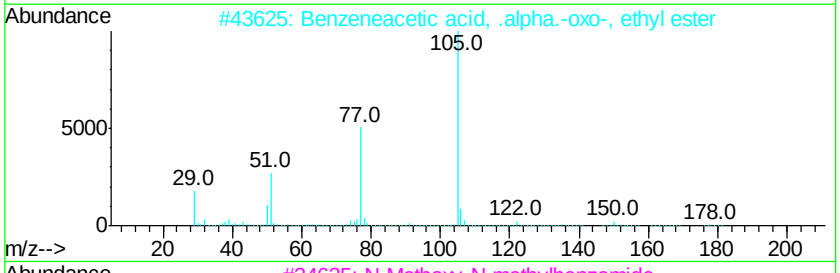


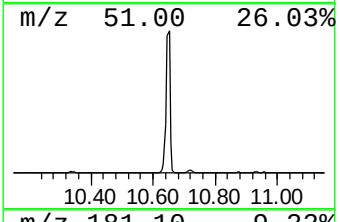


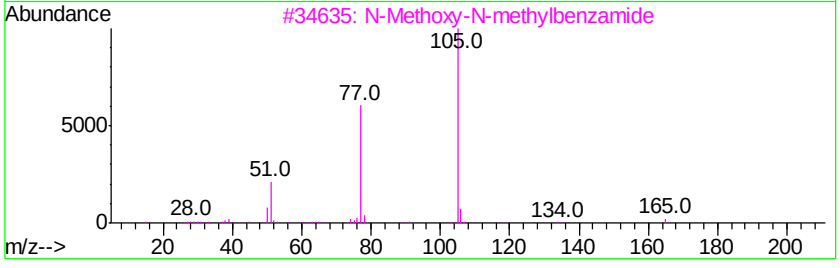


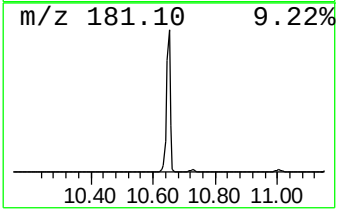












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

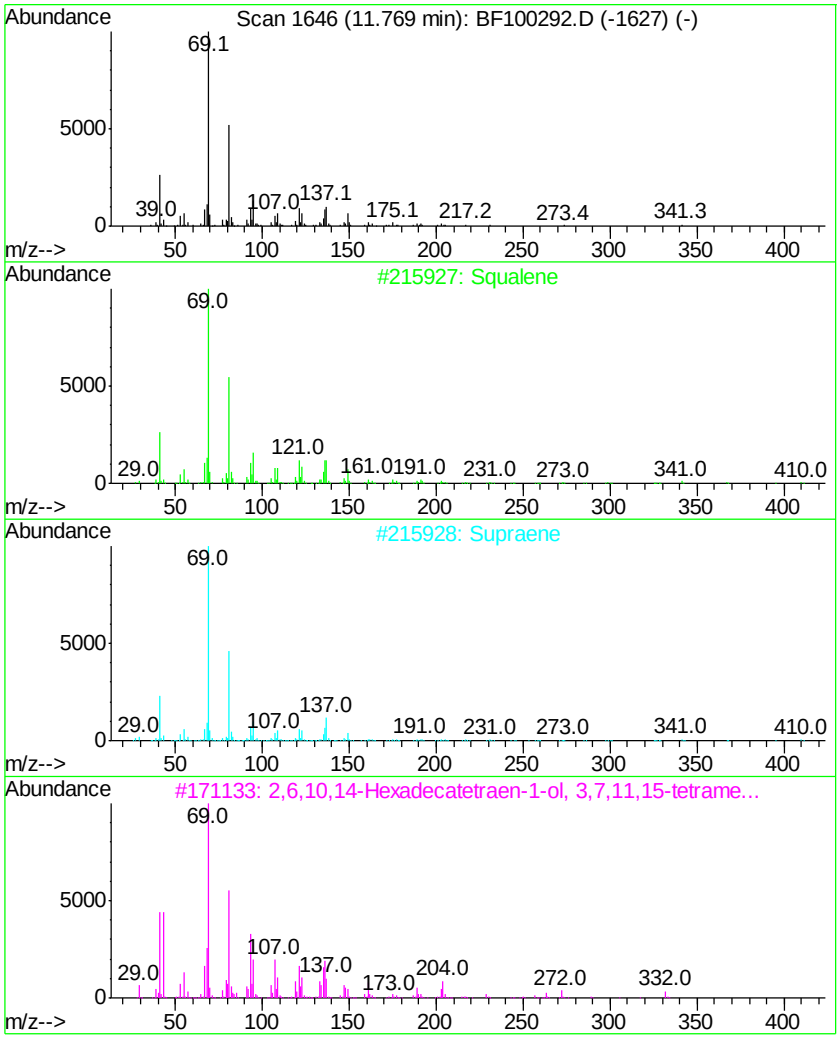
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

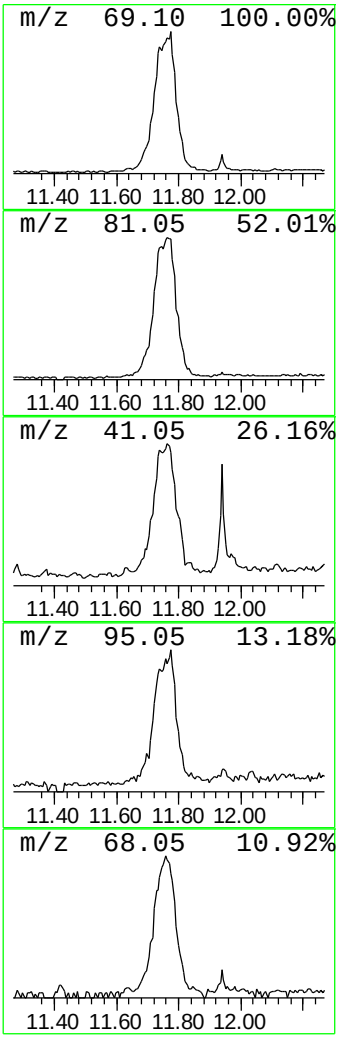
****

Peak Number 7 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	17.35 ng	1546780	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	78
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	58
5	Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	53





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Instrument : BNA_F
ClientSampleId : 278

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

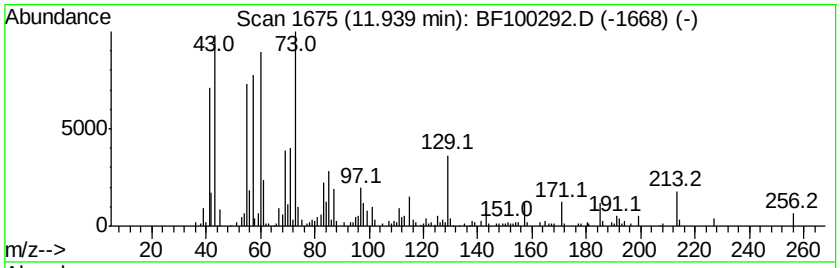
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

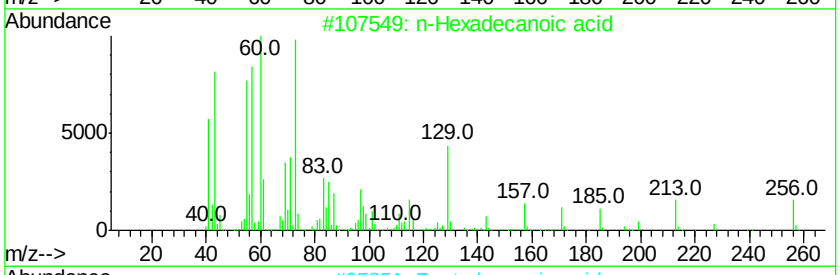
****

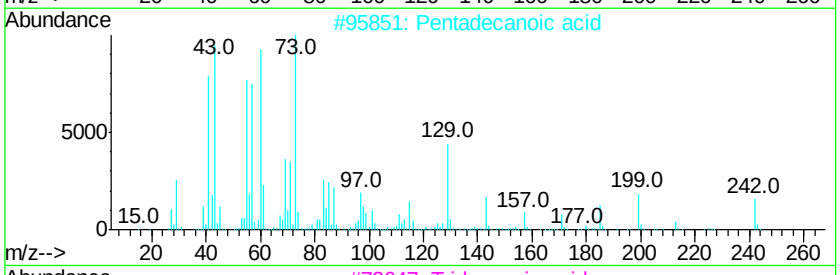
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

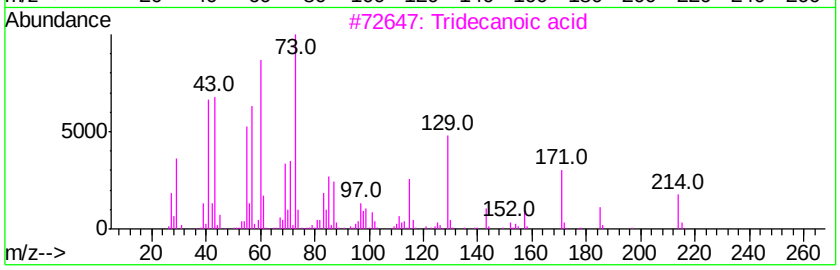
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.66 ng	326229	Phenanthrene-d10	11.42

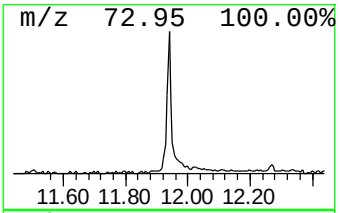
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30

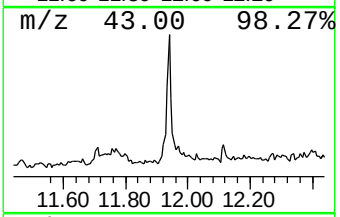


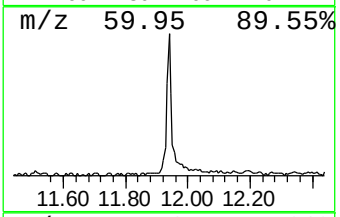


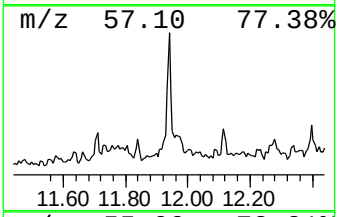


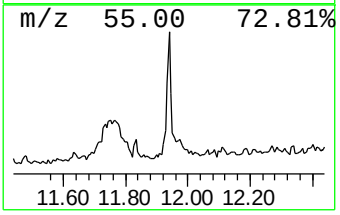












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Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
Operator : SJ/JU
Sample : I6334-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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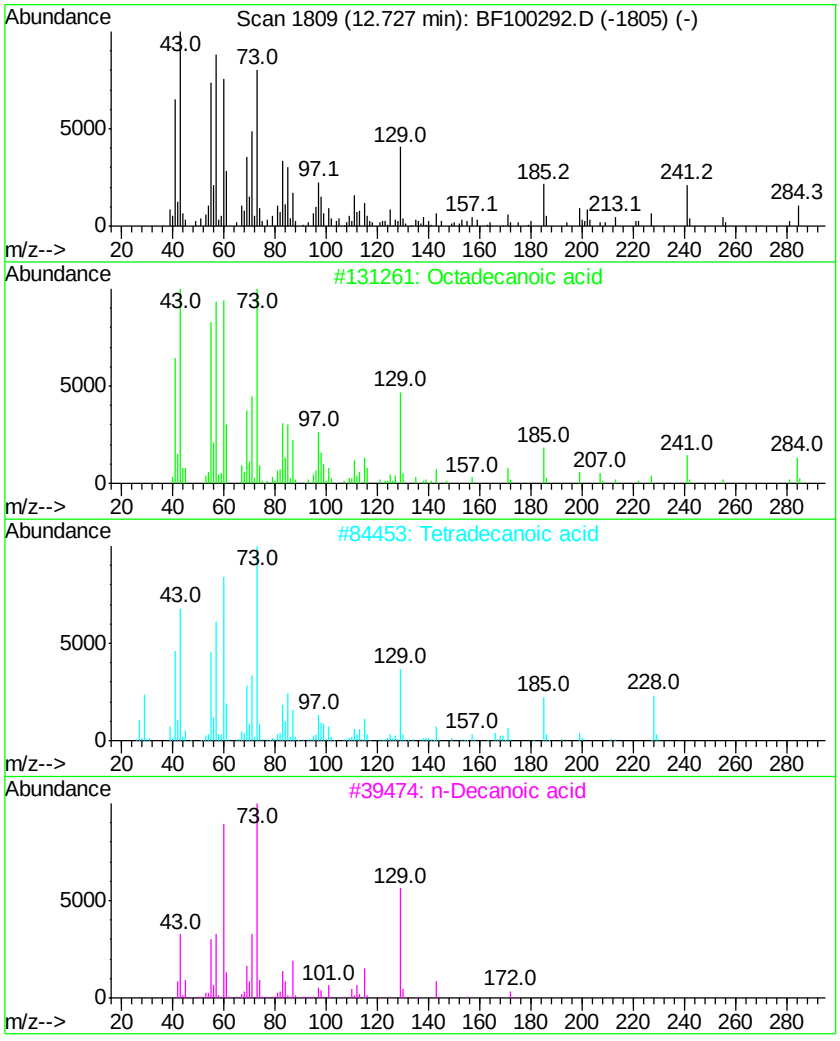
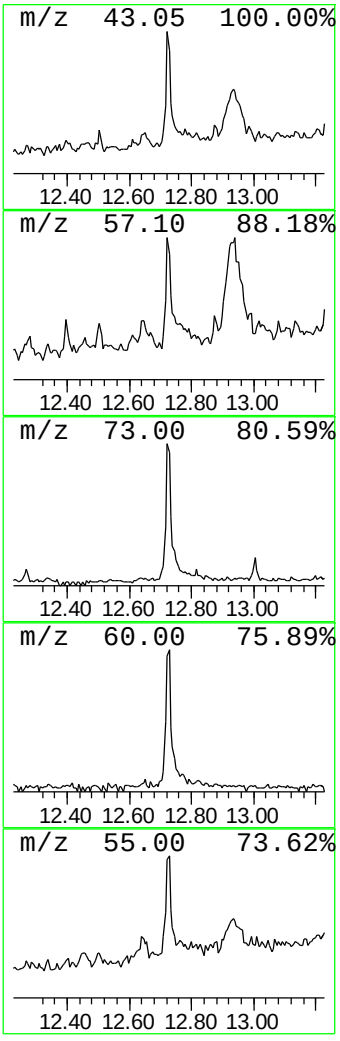
Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.03 ng	270472	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	45
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





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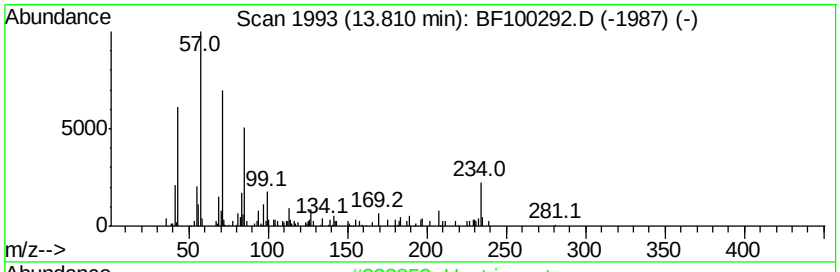
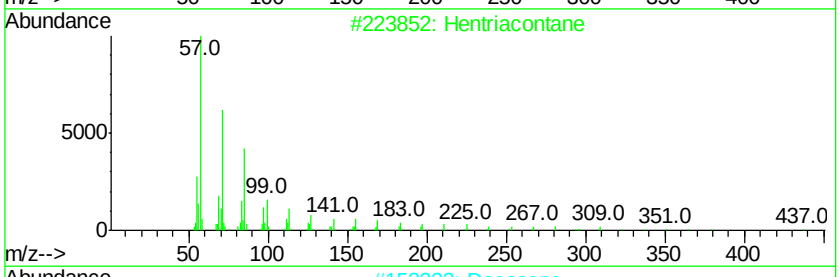
****

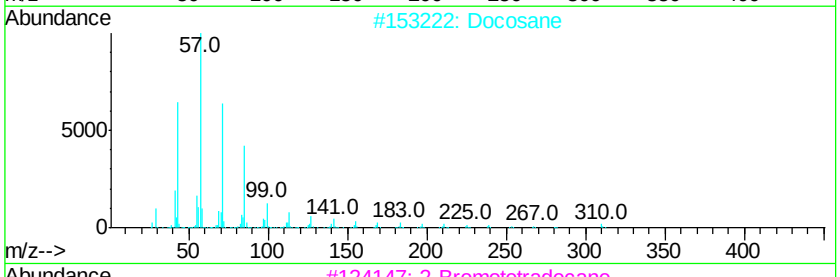
Peak Number 11 Hentriacontane Concentration Rank 9

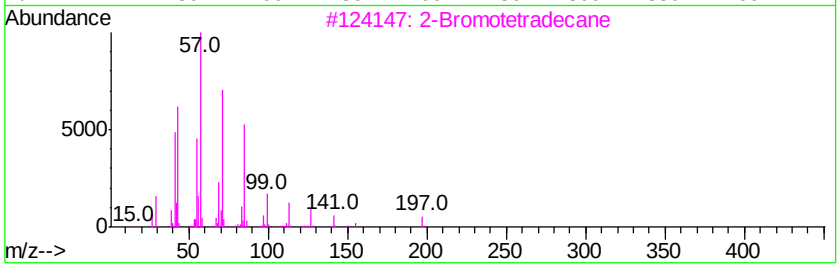
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.35 ng	161600	Chrysene-d12	14.06

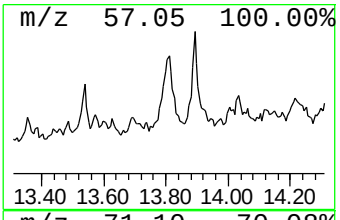
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	59
2	Docosane	310	C22H46	000629-97-0	58
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	58
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	58

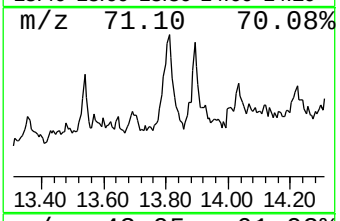


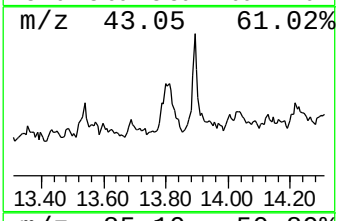


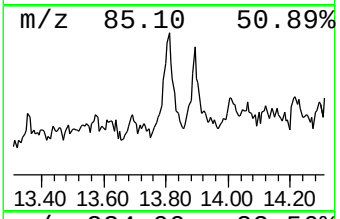


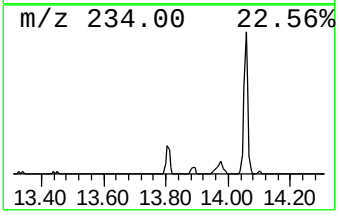












Library Search Compound Report

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Data File : BF100292.D
Acq On : 8 Nov 2017 15:34
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

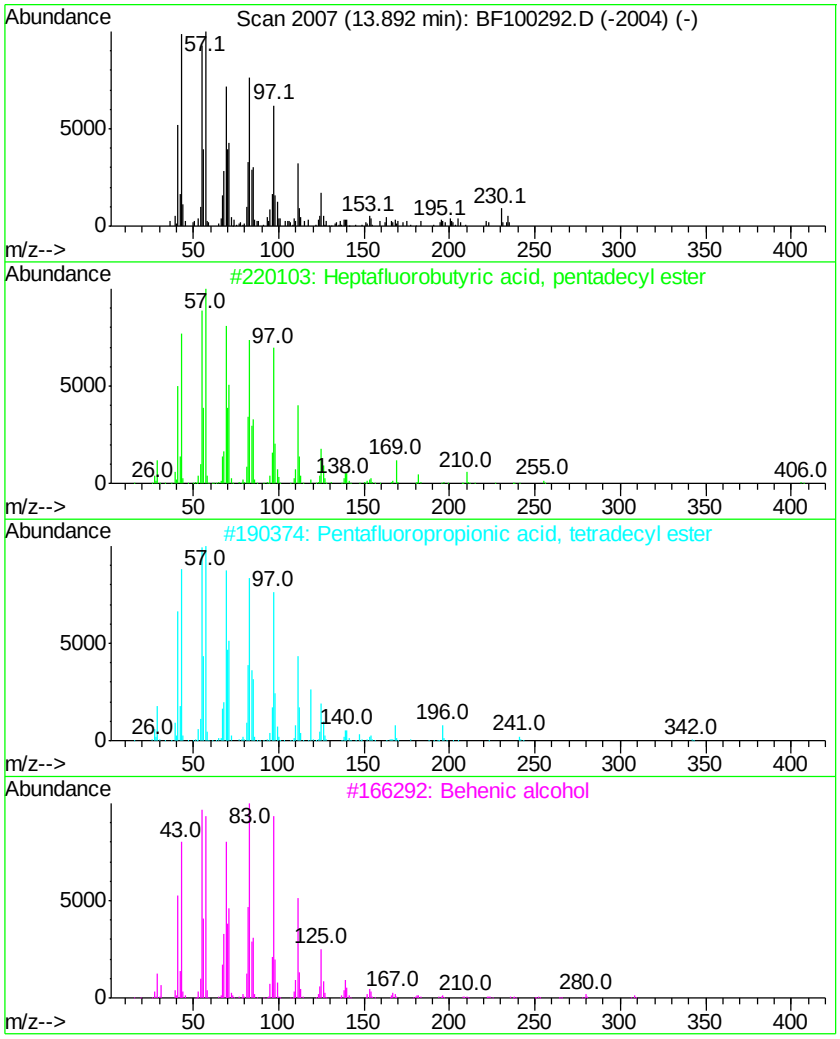
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

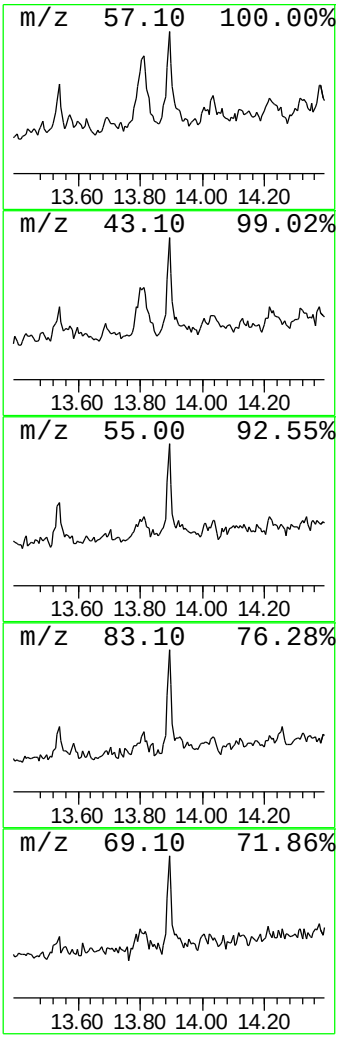
****

Peak Number 12 Heptafluorobutyric acid, pe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.23 ng	153514	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110817\
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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...	5.13	14.1	ng	785672	1	6.90	1117730	20.0
unknown6.67	6.67	63.3	ng	3539810	1	6.90	1117730	20.0
2-Hydroxy-iso-but...	8.73	4.3	ng	322506	2	8.18	1510770	20.0
1-Decanol	9.73	2.2	ng	184485	3	9.93	1697790	20.0
Benzophenone	10.65	15.5	ng	1315700	3	9.93	1697790	20.0
Squalene	11.77	17.4	ng	1546780	4	11.42	1783420	20.0
n-Hexadecanoic acid	11.94	3.7	ng	326229	4	11.42	1783420	20.0
Octadecanoic acid	12.73	3.0	ng	270472	4	11.42	1783420	20.0
Hentriacontane	13.81	2.4	ng	161600	5	14.06	1377360	20.0
Heptafluorobutyri...	13.89	2.2	ng	153514	5	14.06	1377360	20.0