

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101356.D
 Acq On : 13 Dec 2017 4:11
 Operator : SJ/JU
 Sample : I6744-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.057	501	505	513	rBV	49096	84493	5.51%	0.655%
2	5.451	567	572	587	rBV	1342410	1407971	91.76%	10.919%
3	6.475	741	746	759	rBV	1253413	1476717	96.24%	11.453%
4	6.598	763	767	771	rVV	1477044	1454511	94.80%	11.280%
5	6.822	802	805	810	rVB	348895	273694	17.84%	2.123%
6	6.981	828	832	835	rBV	1334162	1132732	73.82%	8.785%
7	7.392	897	902	905	rBV	866767	836289	54.50%	6.486%
8	7.498	917	920	925	rVB2	13575	16774	1.09%	0.130%
9	8.104	1020	1023	1034	rVB	394322	347018	22.62%	2.691%
10	9.180	1202	1206	1209	rBV	1652146	1534355	100.00%	11.900%
11	9.251	1215	1218	1221	rBV	23016	16754	1.09%	0.130%
12	9.574	1267	1273	1280	rVB	133942	117491	7.66%	0.911%
13	9.780	1305	1308	1312	rVB	52242	38563	2.51%	0.299%
14	9.863	1318	1322	1326	rBV	401527	330318	21.53%	2.562%
15	10.280	1391	1393	1396	rVB	53175	38035	2.48%	0.295%
16	10.498	1425	1430	1433	rBV	18226	18752	1.22%	0.145%
17	10.657	1453	1457	1467	rBV	773809	719448	46.89%	5.580%
18	10.757	1471	1474	1482	rBV	40645	53117	3.46%	0.412%
19	11.204	1547	1550	1552	rBV	24926	19331	1.26%	0.150%
20	11.357	1572	1576	1578	rBV	354755	298585	19.46%	2.316%
21	11.380	1578	1580	1587	rVB	44717	38256	2.49%	0.297%
22	11.874	1659	1664	1668	rBV3	68041	74996	4.89%	0.582%
23	12.292	1729	1735	1738	rBV	33471	34864	2.27%	0.270%
24	12.574	1779	1783	1785	rBV	93117	86312	5.63%	0.669%
25	12.604	1785	1788	1791	rVB	146201	122789	8.00%	0.952%
26	12.657	1796	1797	1802	rVB5	13349	18596	1.21%	0.144%
27	12.745	1810	1812	1815	rVB2	30851	26951	1.76%	0.209%
28	12.804	1819	1822	1824	rVV	64175	52025	3.39%	0.403%
29	12.945	1841	1846	1849	rVB	1221139	1112454	72.50%	8.628%
30	13.321	1907	1910	1914	rVB5	17147	21412	1.40%	0.166%
31	13.468	1931	1935	1938	rVB	553543	443518	28.91%	3.440%
32	13.827	1993	1996	2005	rVB2	99419	108791	7.09%	0.844%
33	13.962	2017	2019	2023	rBV	39897	38820	2.53%	0.301%
34	14.009	2023	2027	2030	rVV	280742	302468	19.71%	2.346%

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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

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35	14.033	2030	2031	2034	rVB	41404	22432	1.46%	0.174%
36	14.162	2051	2053	2055	rBV	38001	24692	1.61%	0.191%
37	15.486	2275	2278	2282	rVB	133944	149861	9.77%	1.162%

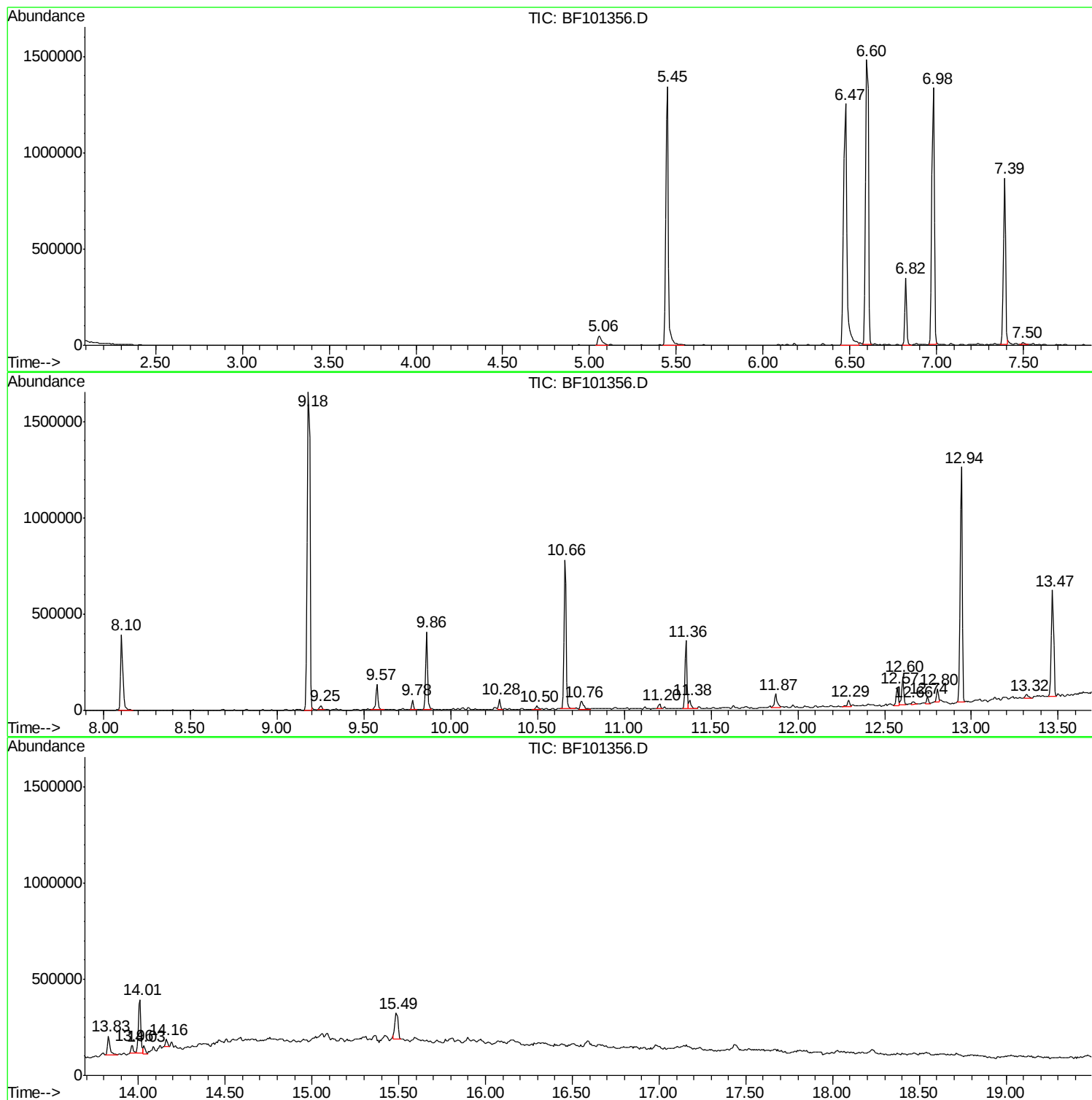
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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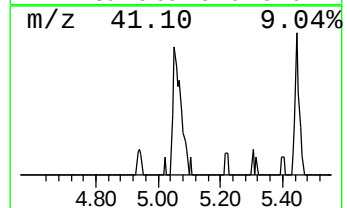
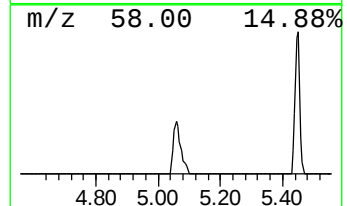
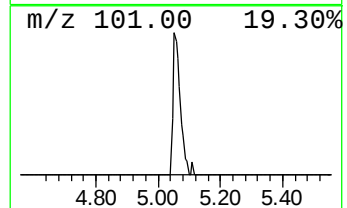
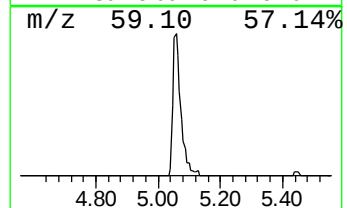
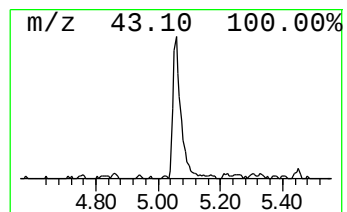
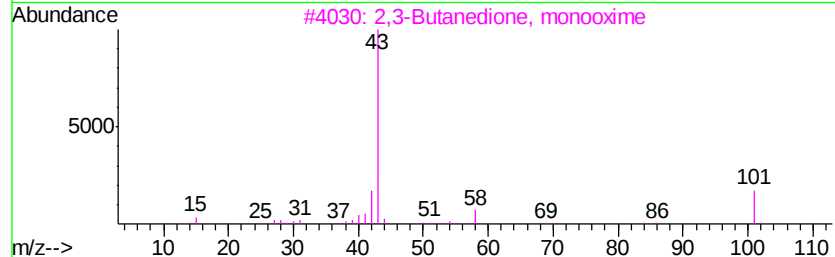
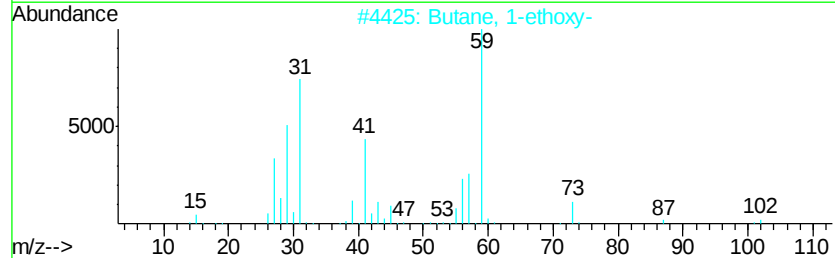
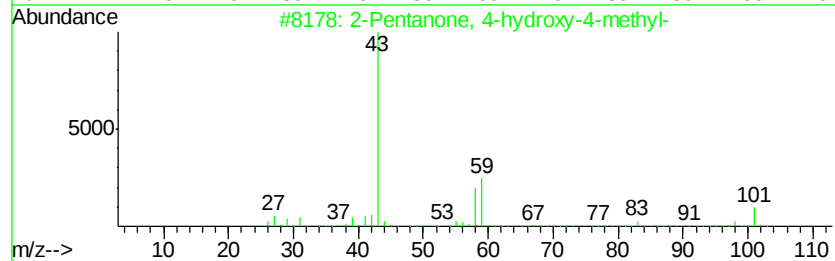
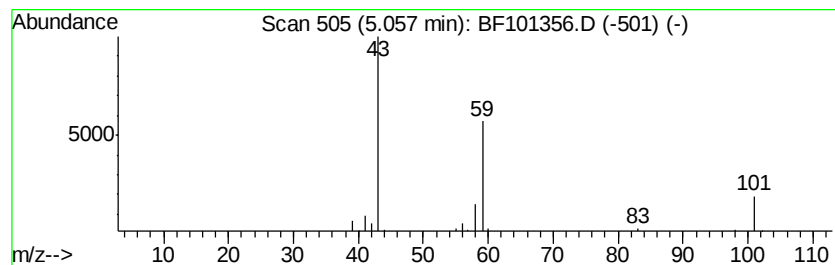
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	6.17 ng	84493	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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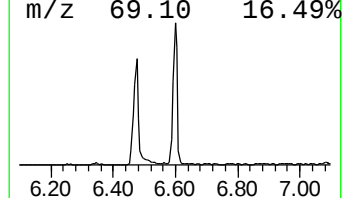
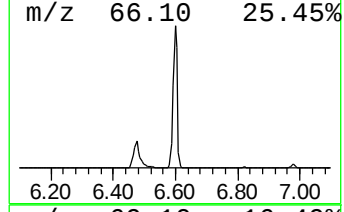
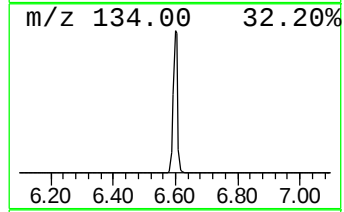
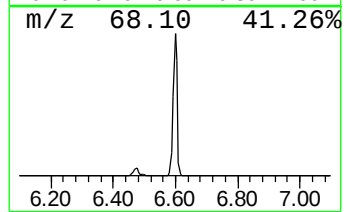
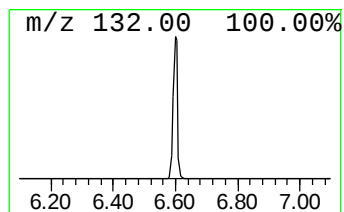
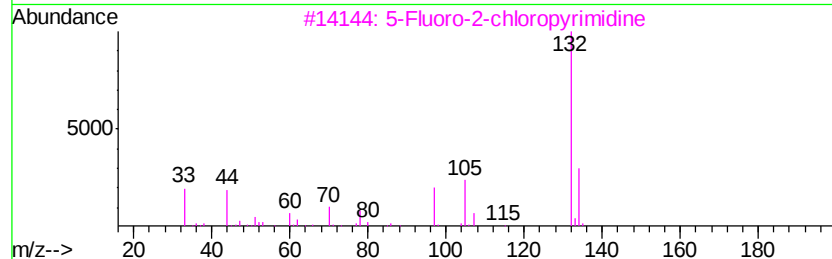
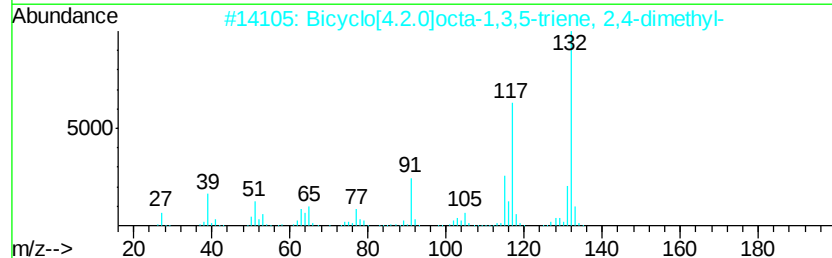
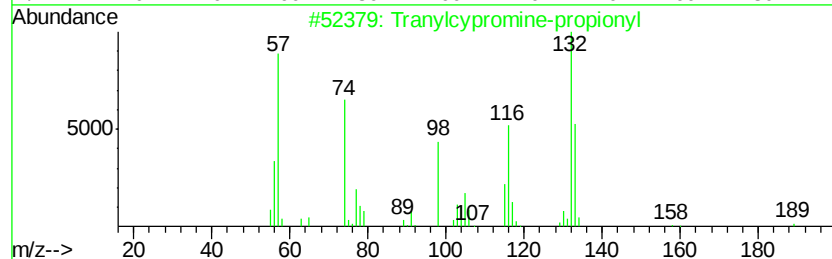
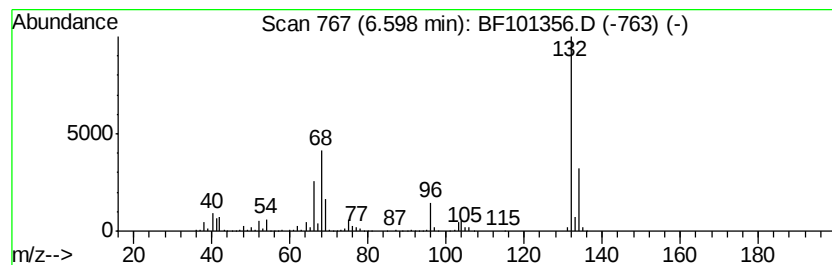
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	106.29 ng	1454510	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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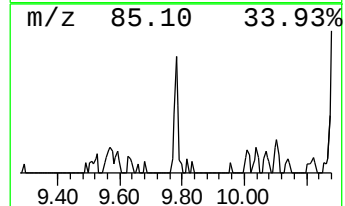
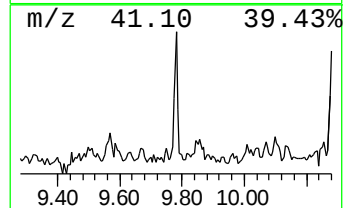
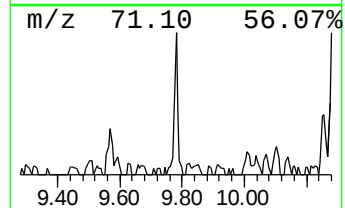
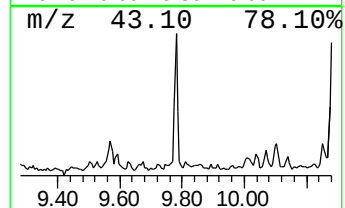
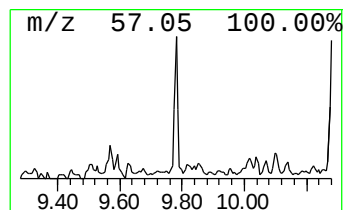
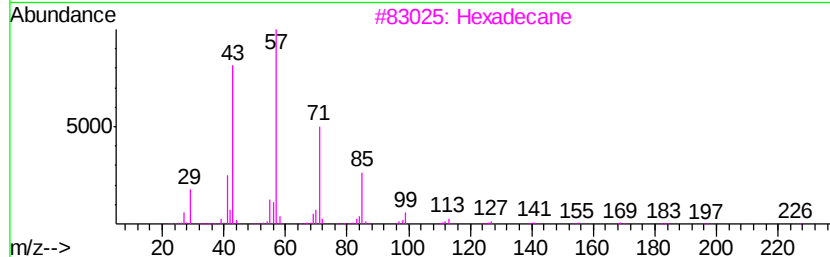
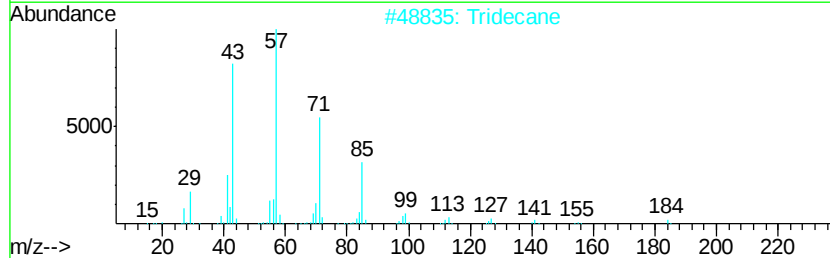
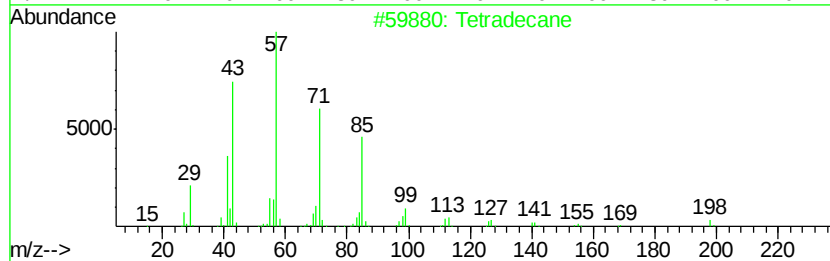
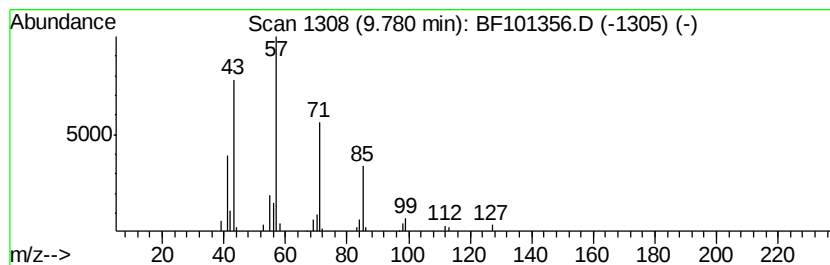
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.33 ng	38563	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane	212	C15H32	000629-62-9	78
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72



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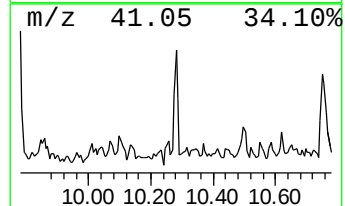
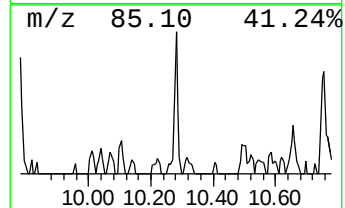
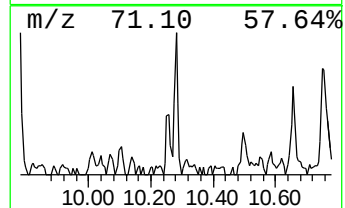
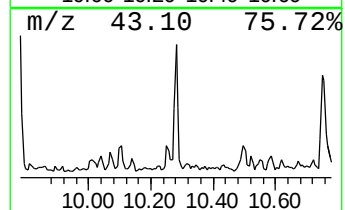
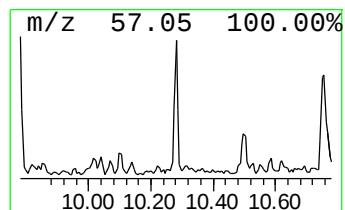
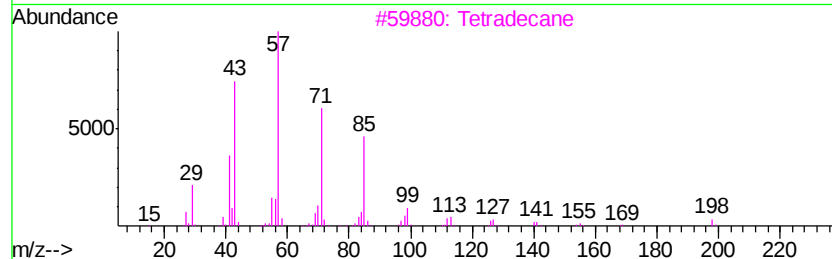
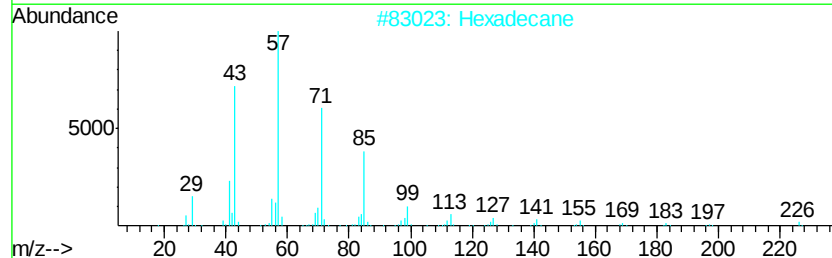
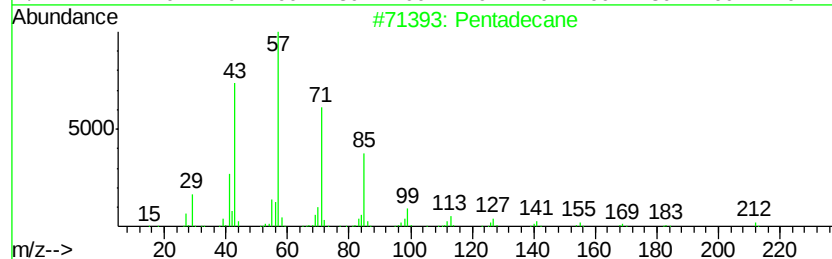
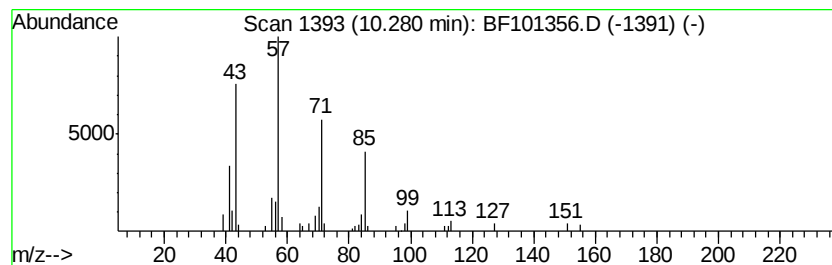
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.30 ng	38035	Acenaphthene-d10	9.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Nonadecane		268	C19H40	000629-92-5	87
5	Tritetracontane		605	C43H88	007098-21-7	86



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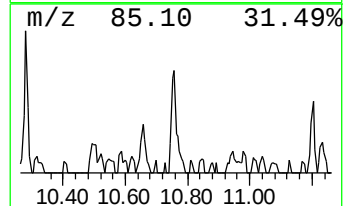
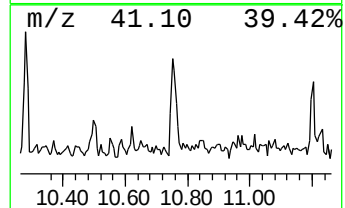
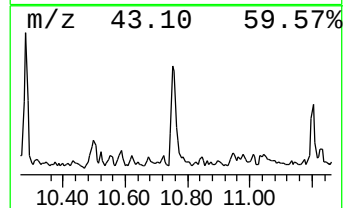
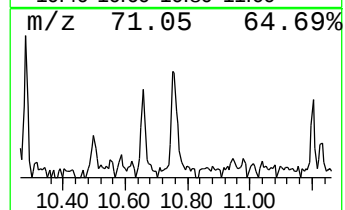
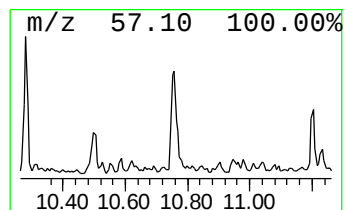
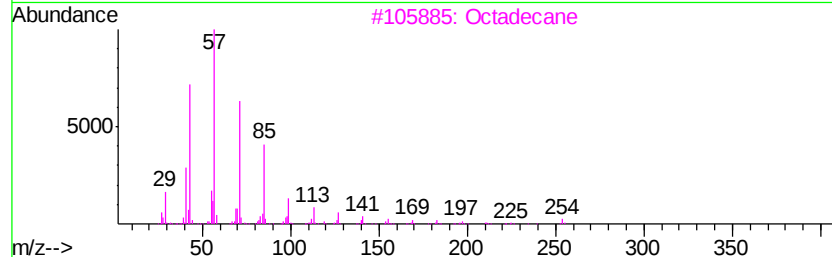
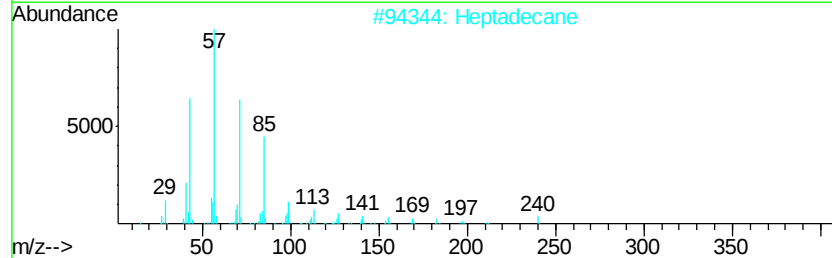
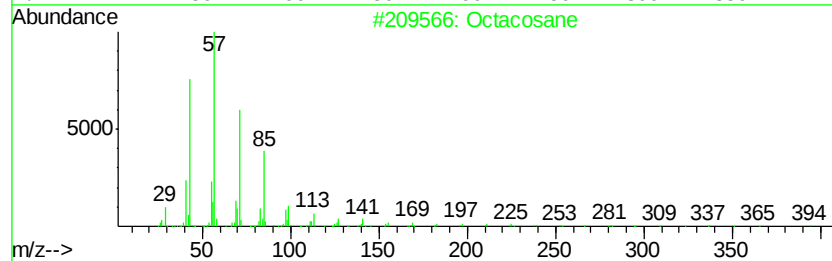
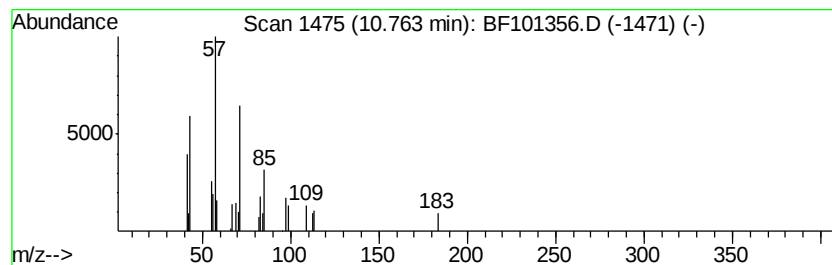
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Peak Number 6 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.56 ng	53117	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101356.D
Acq On : 13 Dec 2017 4:11
Operator : SJ/JU
Sample : I6744-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

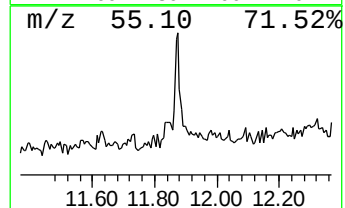
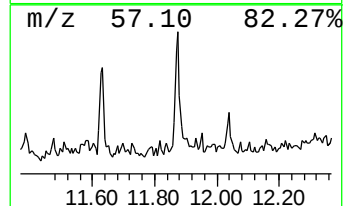
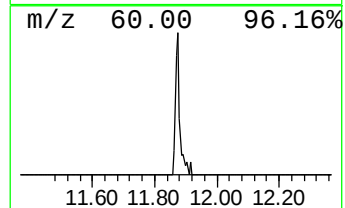
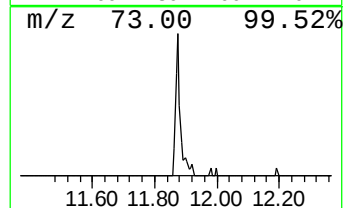
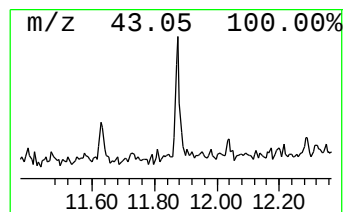
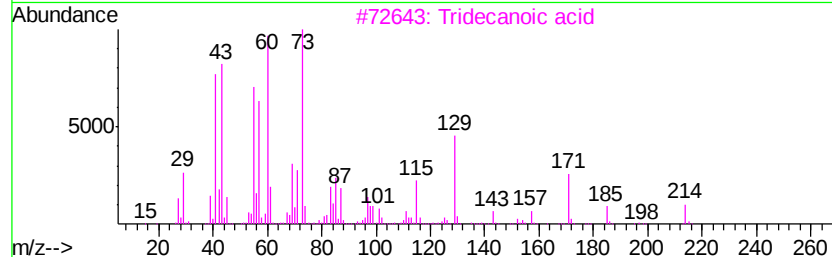
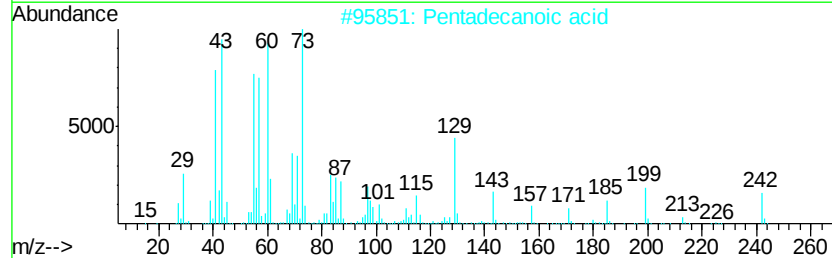
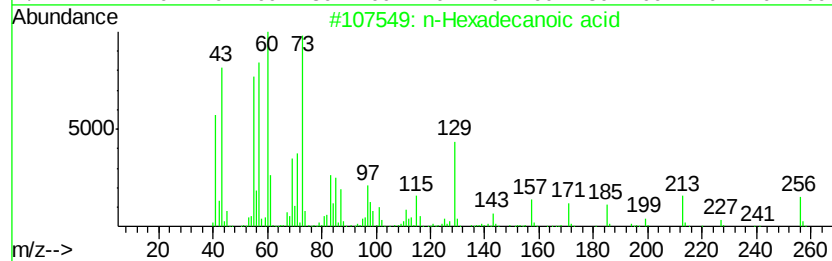
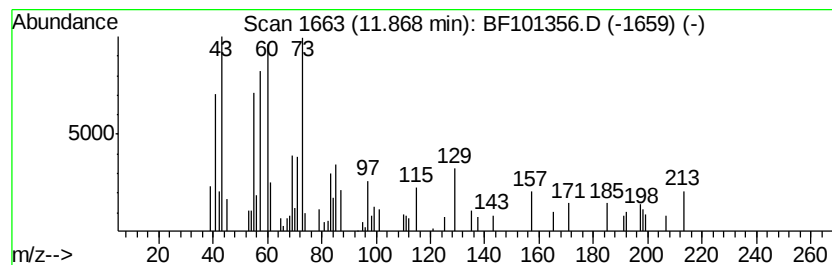
Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.87	5.02 ng	74996	Phenanthrene-d10		11.36
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	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101356.D
Acq On : 13 Dec 2017 4:11
Operator : SJ/JU
Sample : I6744-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

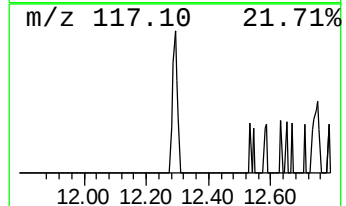
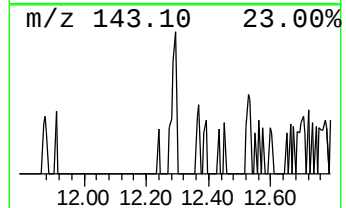
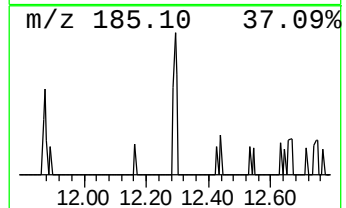
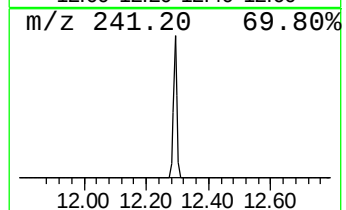
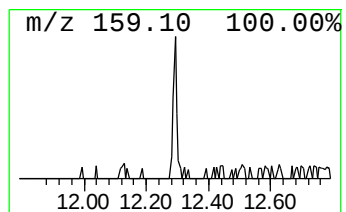
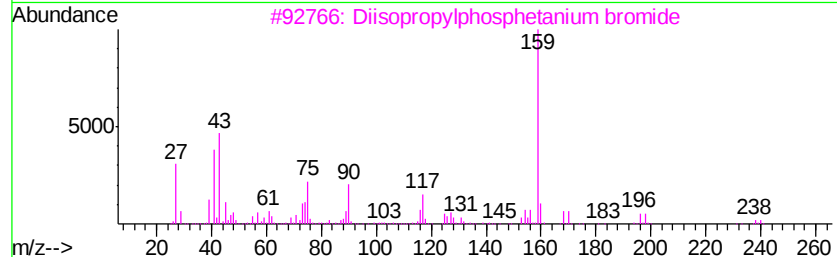
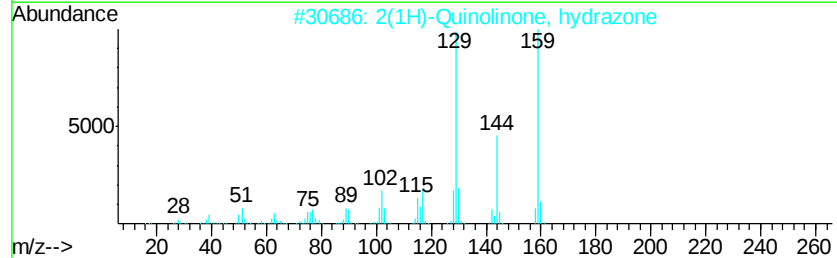
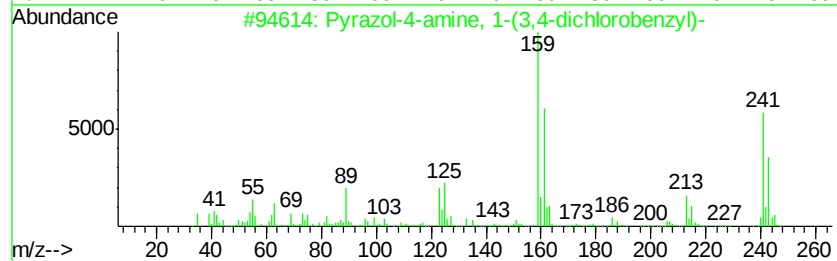
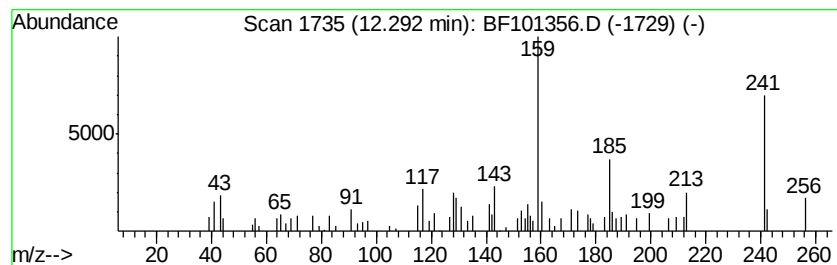
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.29 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.34 ng	34864	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	47
2		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	38
3		Diisopropylphosphetanium bromide	238	C9H20BrP	1000159-99-4	27
4		Methyl 3-amino-2-cyano-3-(3-indo...	241	C13H11N3O2	018234-27-0	25
5		8-Metyl-8-aza-5,10-dioxa-4-silas...	187	C8H17N02Si	1000278-58-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101356.D
Acq On : 13 Dec 2017 4:11
Operator : SJ/JU
Sample : I6744-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

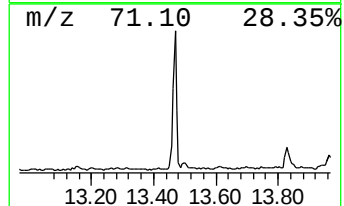
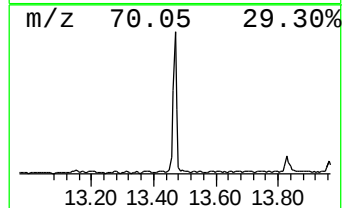
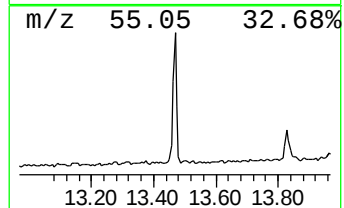
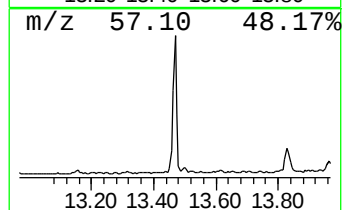
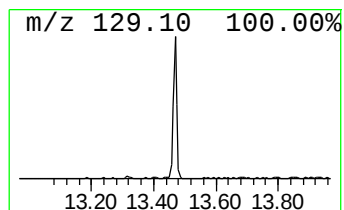
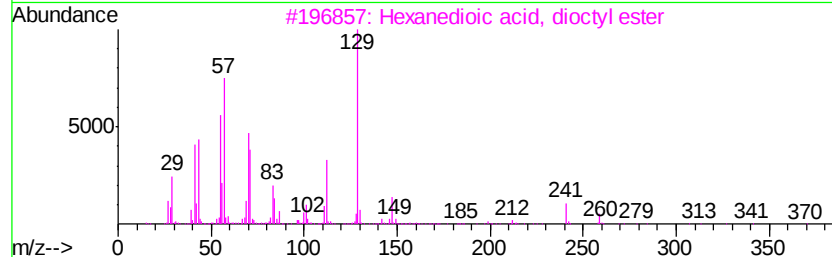
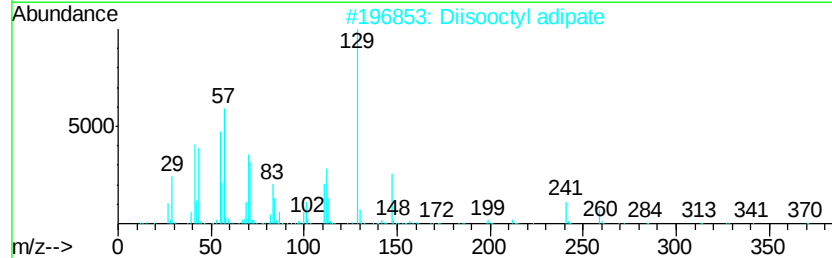
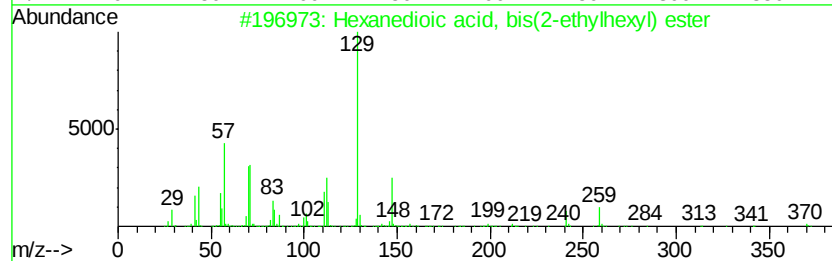
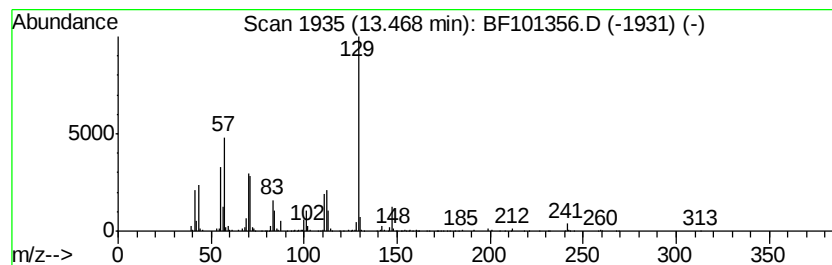
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	29.33 ng	443518	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	78
3		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	64
4		Adipic acid, decyl 2-ethylhexyl ...	398	C24H46O4	1000324-48-8	59
5		Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59



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Acq On : 13 Dec 2017 4:11
Operator : SJ/JU
Sample : I6744-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

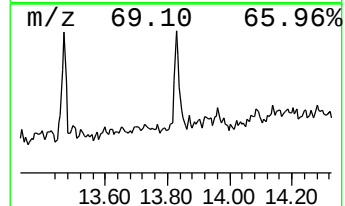
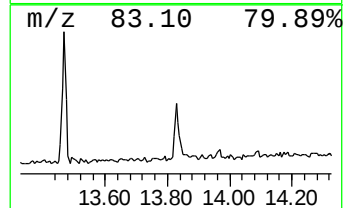
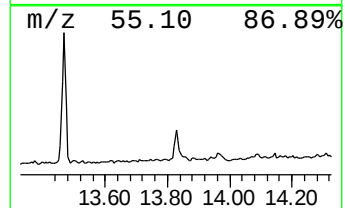
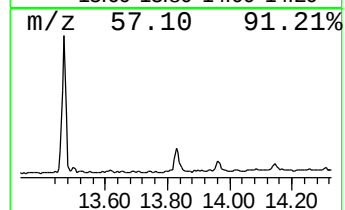
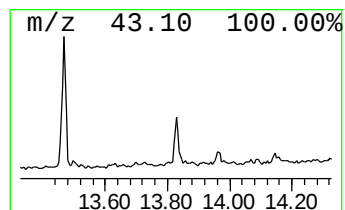
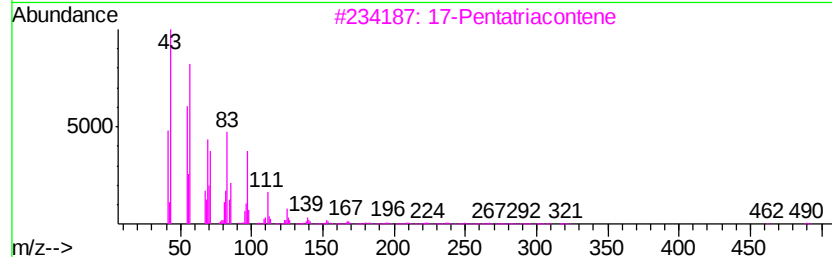
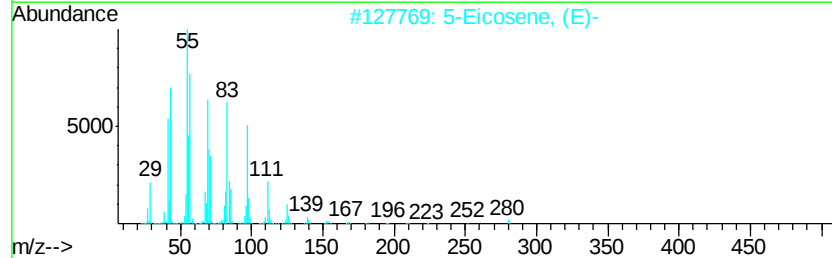
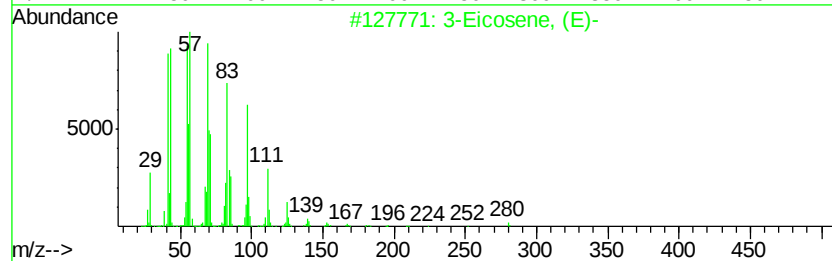
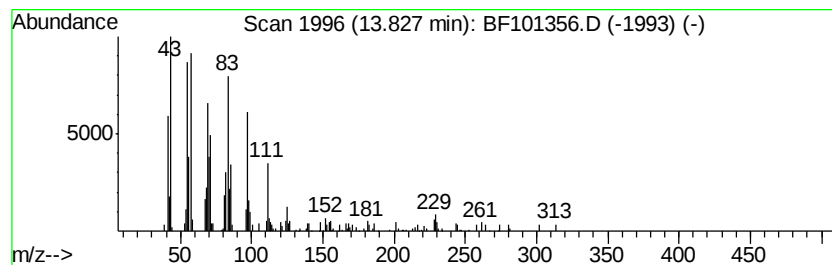
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.19 ng	108791	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90



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Data File : BF101356.D
Acq On : 13 Dec 2017 4:11
Operator : SJ/JU
Sample : I6744-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	6.2	ng	84493	1	6.82	273694	20.0
unknown6.60	6.60	106.3	ng	1454510	1	6.82	273694	20.0
Tetradecane	9.78	2.3	ng	38563	3	9.86	330318	20.0
Pentadecane	10.28	2.3	ng	38035	3	9.86	330318	20.0
Octacosane	10.76	3.6	ng	53117	4	11.36	298585	20.0
n-Hexadecanoic acid	11.87	5.0	ng	74996	4	11.36	298585	20.0
unknown12.29	12.29	2.3	ng	34864	4	11.36	298585	20.0
Hexanedioic acid,...	13.47	29.3	ng	443518	5	14.01	302468	20.0
3-Eicosene, (E)-	13.83	7.2	ng	108791	5	14.01	302468	20.0