

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113991.D
 Acq On : 25 Apr 2019 21:21
 Operator : JU/SJ
 Sample : K2545-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FMI-133

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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	2.163	8	13	20	rBV	199547	255546	4.92%	0.635%
2	5.551	584	589	604	rVB	505584	1209767	23.31%	3.005%
3	5.722	609	618	622	rBV	1009076	1315910	25.36%	3.268%
4	5.792	622	630	633	rVB	3396001	5189799	100.00%	12.889%
5	6.516	749	753	766	rBV	893917	778919	15.01%	1.935%
6	6.663	774	778	782	rBV	2325317	2146213	41.35%	5.330%
7	6.892	814	817	821	rBV	710762	625068	12.04%	1.552%
8	7.051	840	844	848	rBV	2454646	2288924	44.10%	5.685%
9	7.457	906	913	916	rBV	1763889	1838513	35.43%	4.566%
10	8.086	1016	1020	1032	rBV	1406211	2037361	39.26%	5.060%
11	8.175	1032	1035	1039	rVB	928875	809922	15.61%	2.012%
12	8.451	1078	1082	1085	rBV	169487	147325	2.84%	0.366%
13	9.145	1196	1200	1203	rBV	267188	280622	5.41%	0.697%
14	9.192	1203	1208	1214	rVB2	76224	187945	3.62%	0.467%
15	9.251	1214	1218	1221	rBV	4107624	3745084	72.16%	9.301%
16	9.375	1235	1239	1251	rVB	1124272	1220567	23.52%	3.031%
17	9.639	1281	1284	1288	rVB	70901	53008	1.02%	0.132%
18	9.839	1314	1318	1326	rBV	526303	444488	8.56%	1.104%
19	9.933	1330	1334	1342	rVB	1101102	993984	19.15%	2.469%
20	10.557	1437	1440	1443	rBV	146838	123359	2.38%	0.306%
21	10.722	1463	1468	1481	rBV	2196343	2333855	44.97%	5.796%
22	11.416	1582	1586	1593	rBV	1327579	1133776	21.85%	2.816%
23	11.939	1671	1675	1687	rBV	469745	490477	9.45%	1.218%
24	12.386	1745	1751	1758	rBV3	46857	78826	1.52%	0.196%
25	12.627	1789	1792	1800	rBV5	29655	59509	1.15%	0.148%
26	12.721	1805	1808	1819	rBV	327234	399641	7.70%	0.993%
27	13.004	1850	1856	1859	rBV	4865855	4867644	93.79%	12.089%
28	13.386	1917	1921	1929	rBV2	47165	98585	1.90%	0.245%
29	14.051	2030	2034	2038	rVB	1363105	1220514	23.52%	3.031%
30	14.215	2059	2062	2065	rBV	119193	98290	1.89%	0.244%
31	14.298	2070	2076	2082	rBV2	56685	143205	2.76%	0.356%
32	14.527	2110	2115	2118	rVB	208672	212191	4.09%	0.527%
33	14.833	2164	2167	2174	rVB	329619	350959	6.76%	0.872%
34	15.180	2220	2226	2239	rBV	437932	567755	10.94%	1.410%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.539	2281	2287	2290	rBV	886811	1215874	23.43%	3.020%
36	15.568	2290	2292	2301	rVB	407488	435792	8.40%	1.082%
37	16.009	2362	2367	2374	rBV	281136	420010	8.09%	1.043%
38	16.527	2449	2455	2464	rBV	149171	257846	4.97%	0.640%
39	17.133	2552	2558	2565	rBV2	61077	119189	2.30%	0.296%
40	17.850	2673	2680	2687	rBV5	26629	67629	1.30%	0.168%

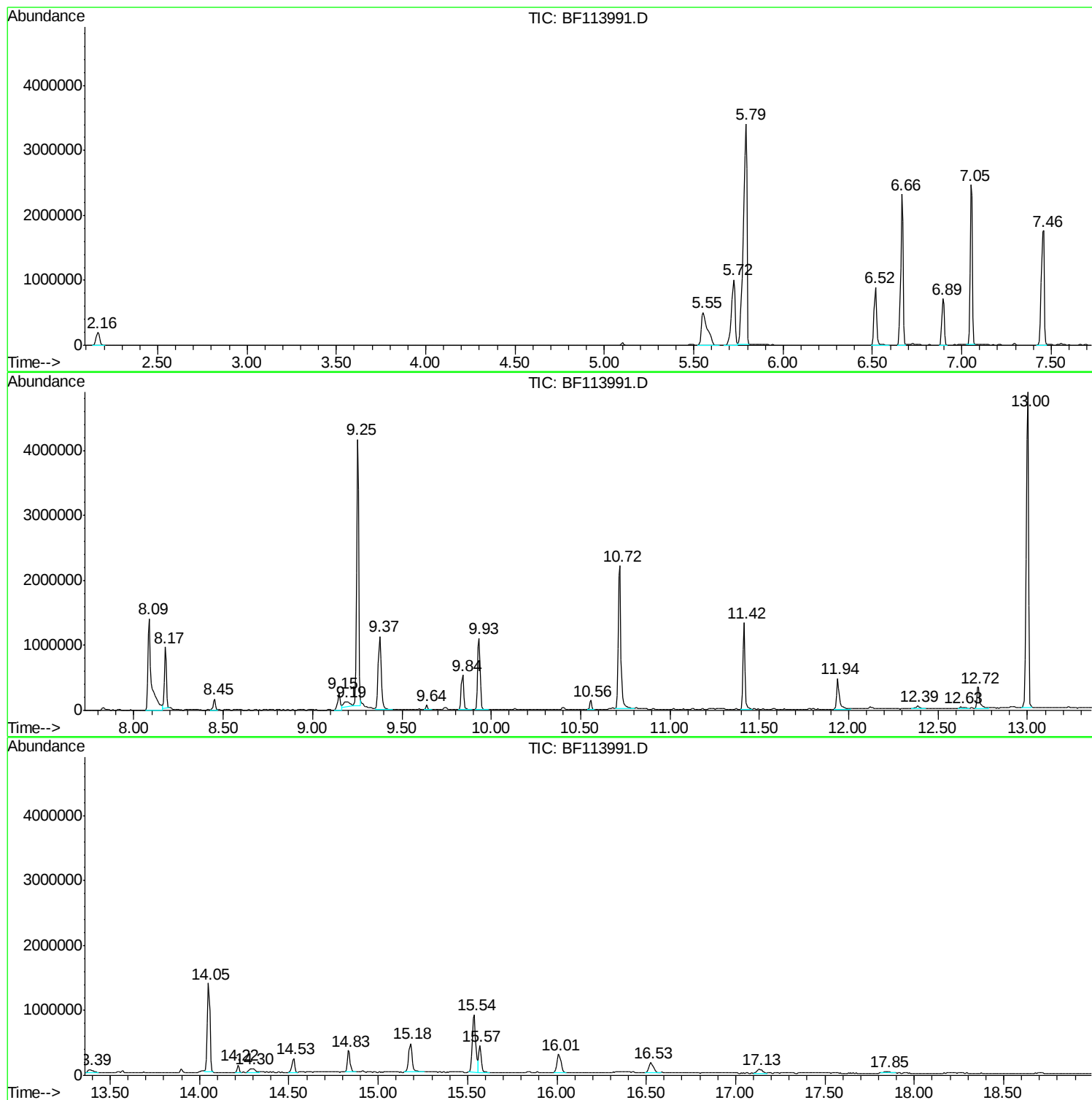
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BNA_F
ClientSampled :
FMI-133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.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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Instrument :
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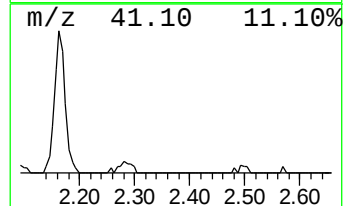
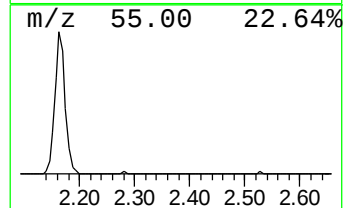
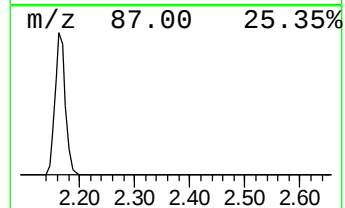
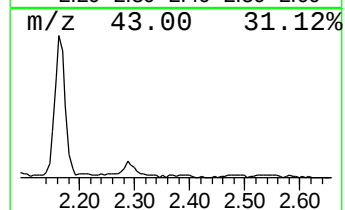
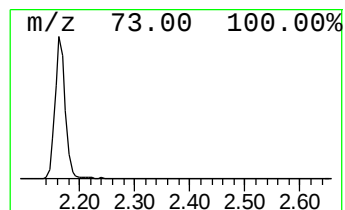
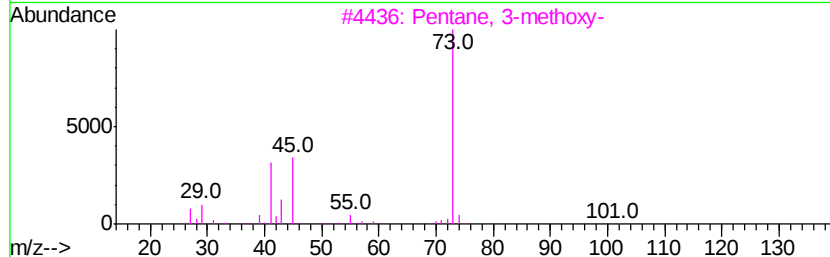
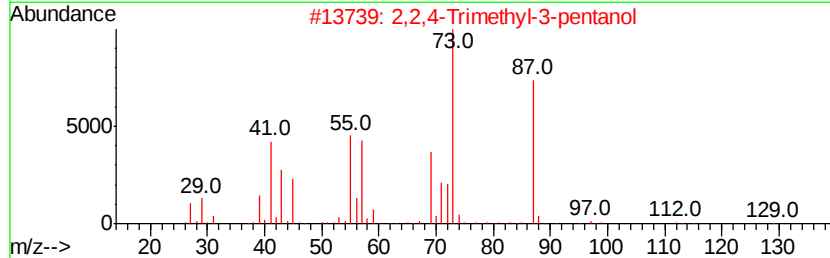
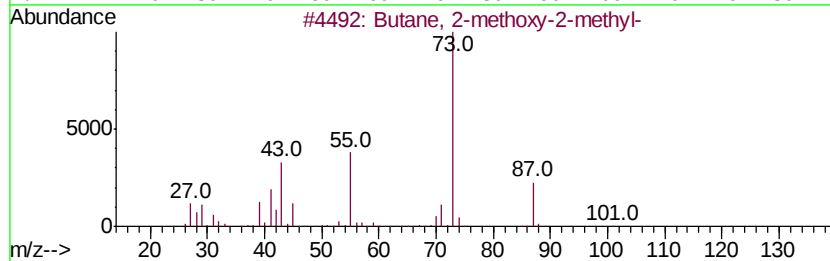
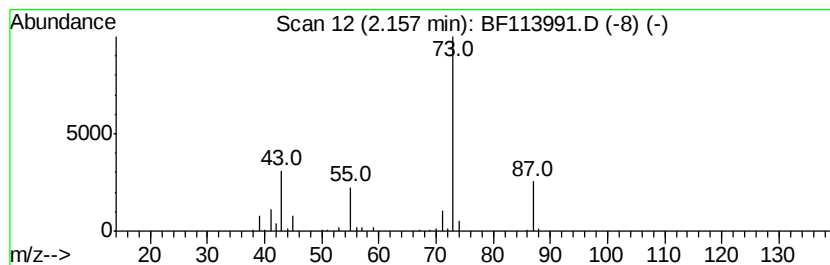
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	8.18 ng	255546	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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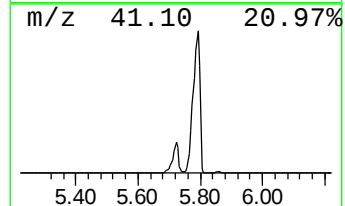
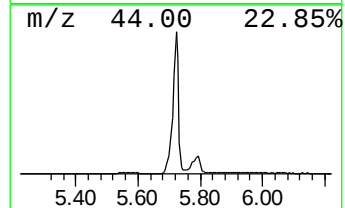
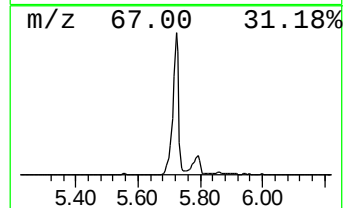
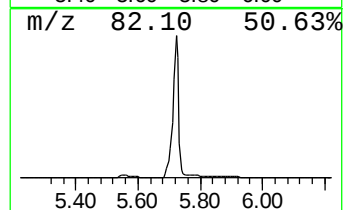
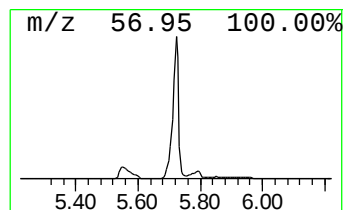
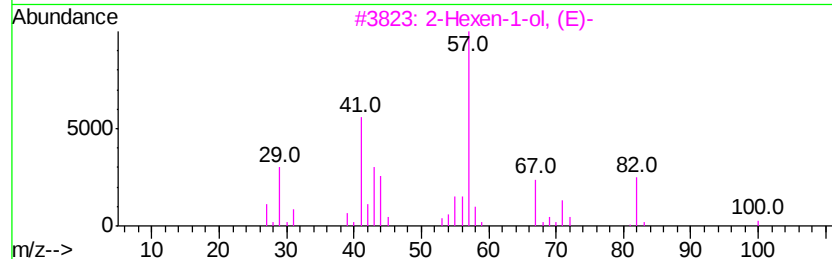
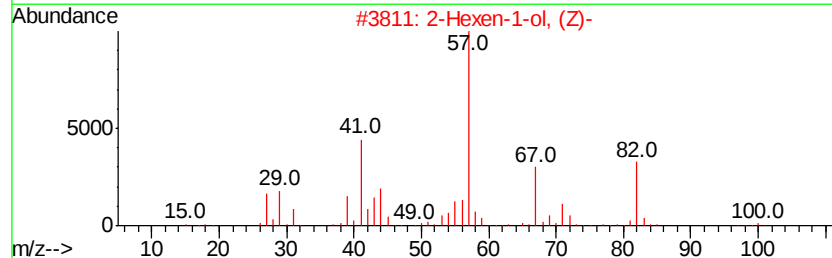
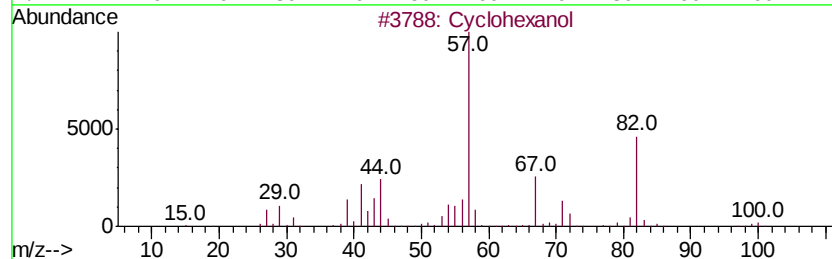
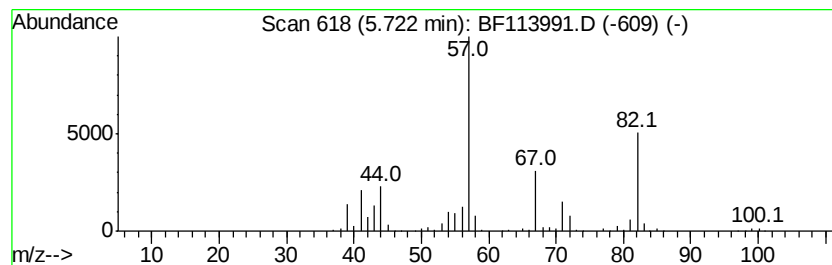
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Peak Number 2 Nitrous acid, cyclohexyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	42.10 ng	1315910	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol	100	C6H12O	000108-93-0	97
2		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	74
3		2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	53
4		Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	50
5		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	47



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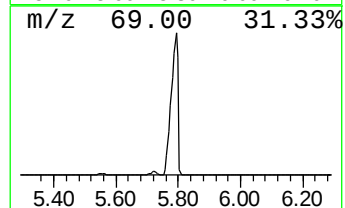
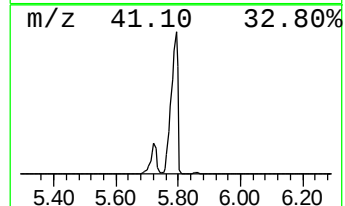
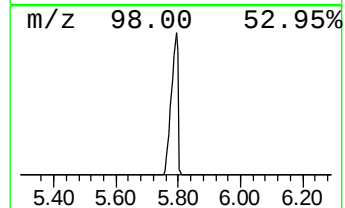
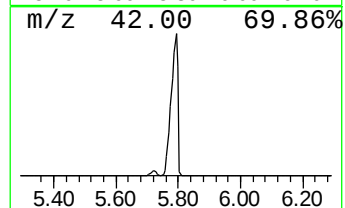
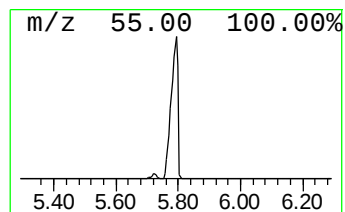
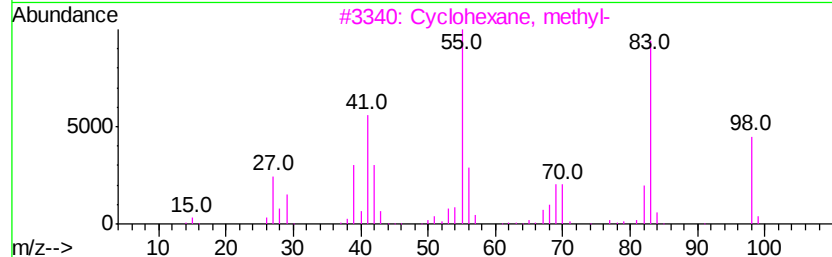
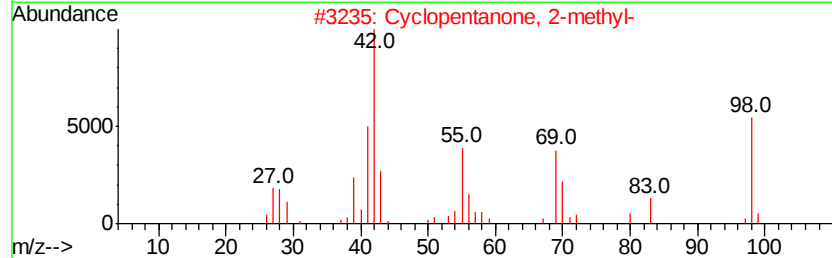
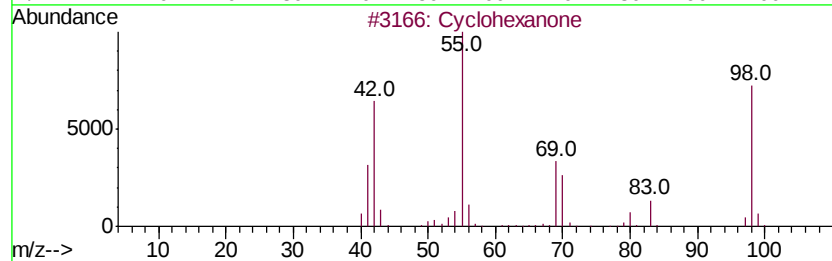
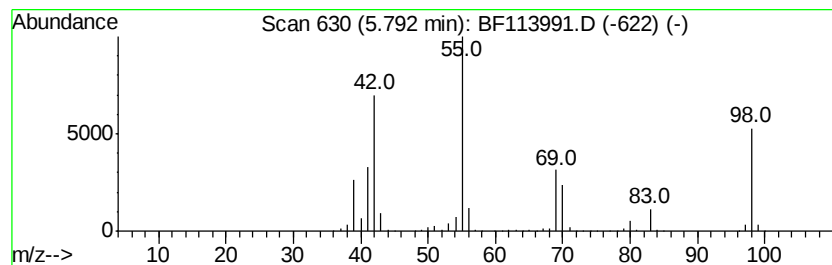
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentanone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	166.06 ng	5189800	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone	98	C6H10O	000108-94-1	95
2		Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	80
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	53
4		Bis(1-hydroxycyclohexyl) peroxide	230	C12H22O4	002407-94-5	50
5		6-Oxa-bicyclo[3.1.0]hexan-3-one	98	C5H6O2	074017-10-0	47



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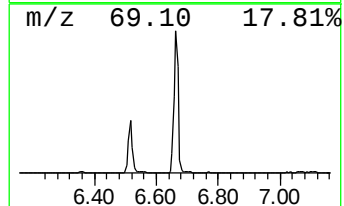
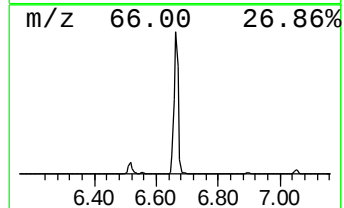
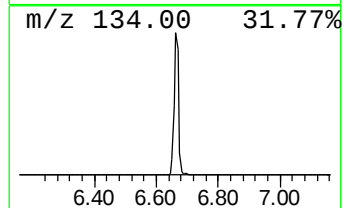
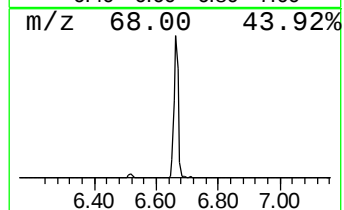
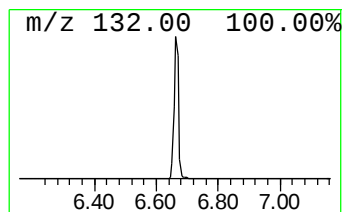
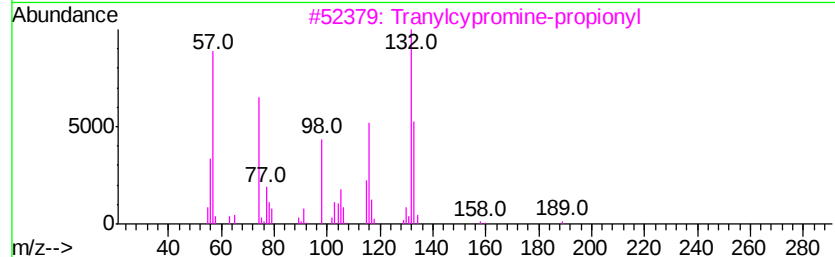
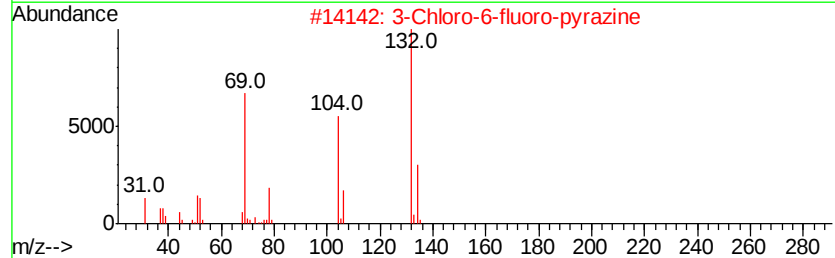
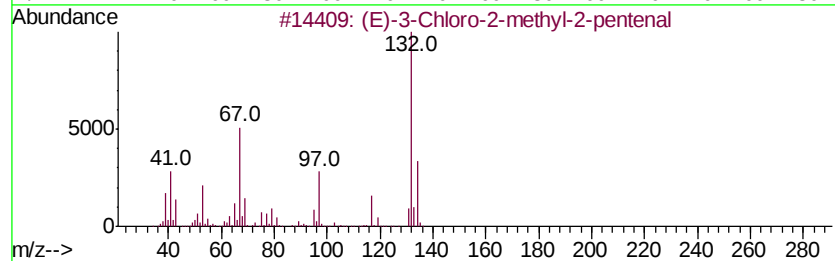
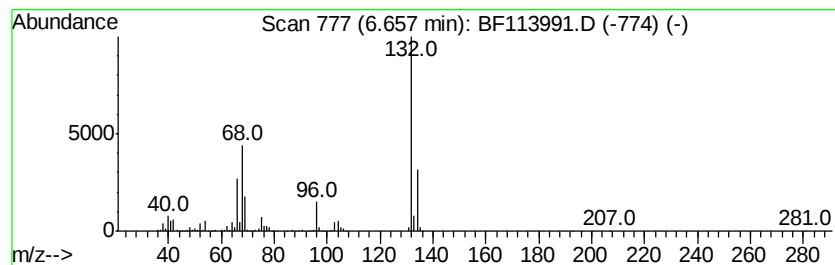
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	68.67 ng	2146210	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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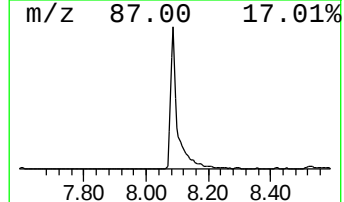
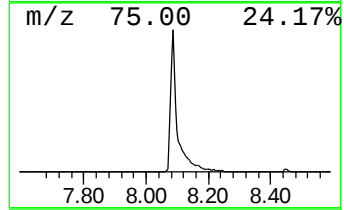
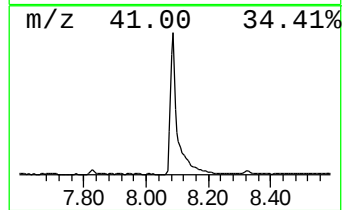
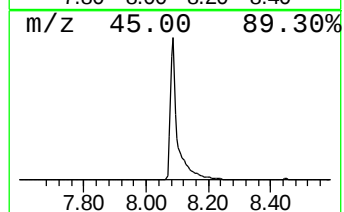
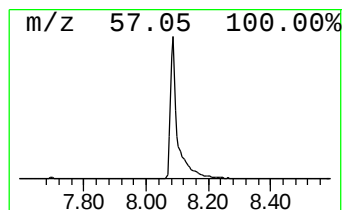
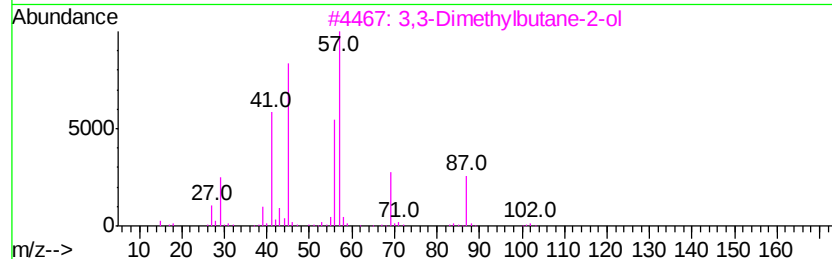
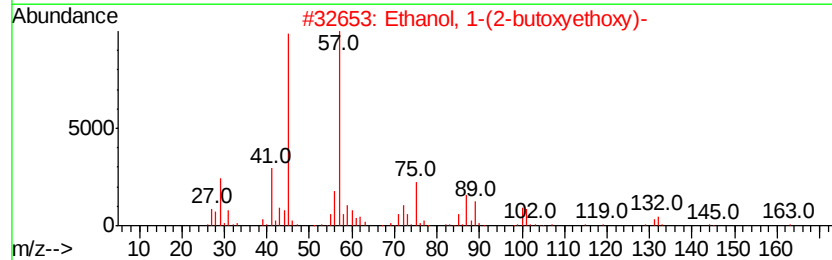
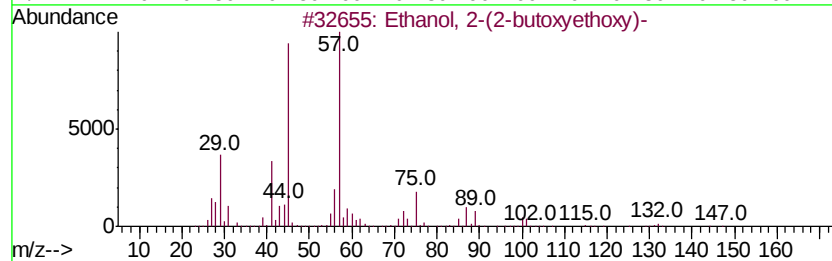
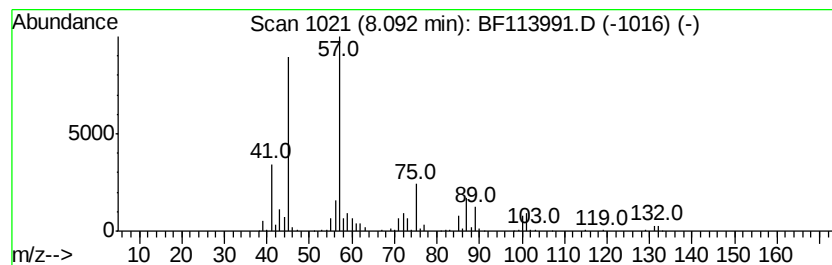
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	50.31 ng	2037360	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4		Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	47
5		Di-sec-butyl ether	130	C8H18O	006863-58-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
Acq On : 25 Apr 2019 21:21
Operator : JU/SJ
Sample : K2545-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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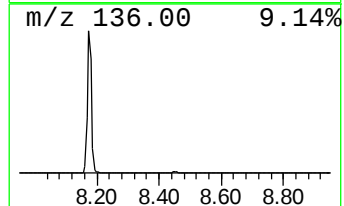
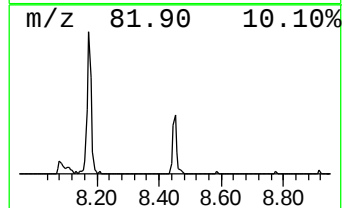
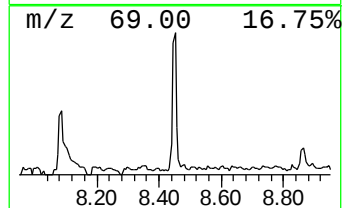
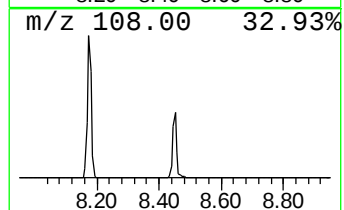
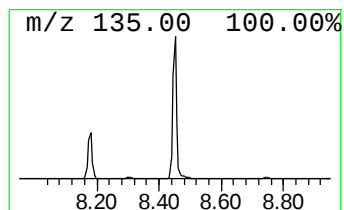
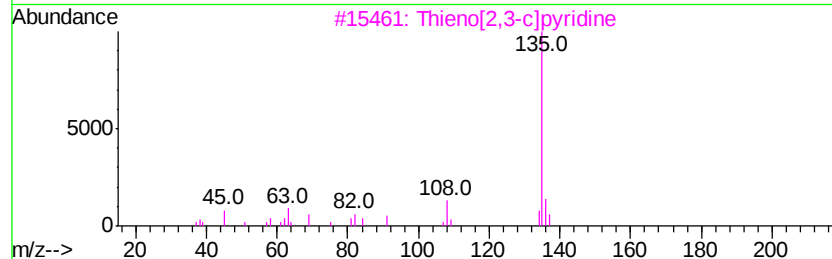
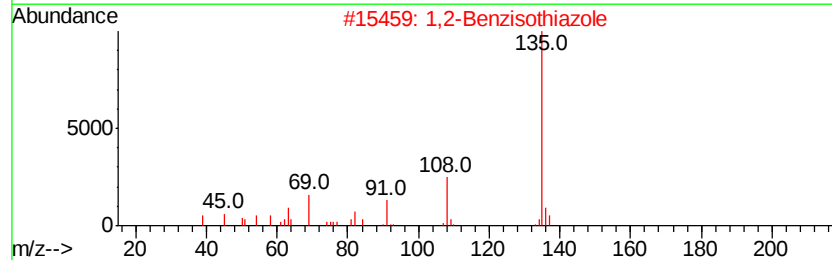
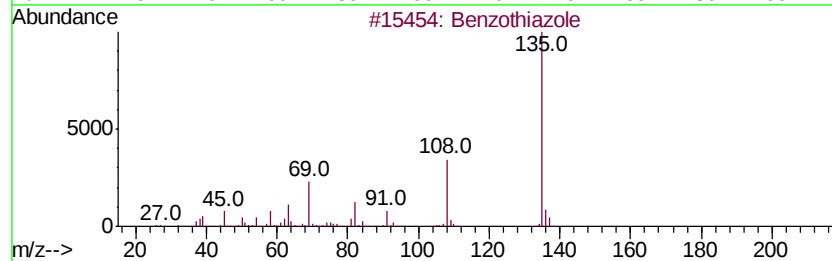
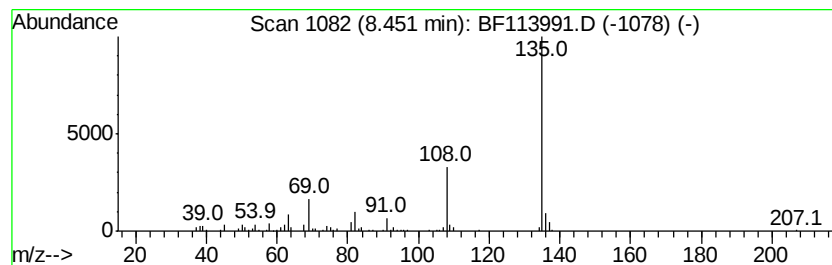
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzothiazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	3.64 ng	147325	Napthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzothiazole	135	C7H5NS	000095-16-9	95
2			1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90
3			Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	72
4			3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	72
5			Septacidin aminonucleoside	326	C12H18N6O5	003059-05-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
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Sample : K2545-01
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ClientSampleId :
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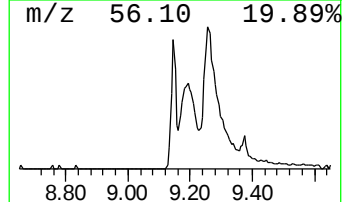
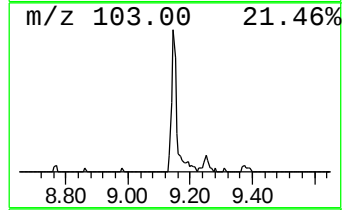
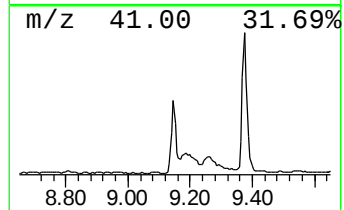
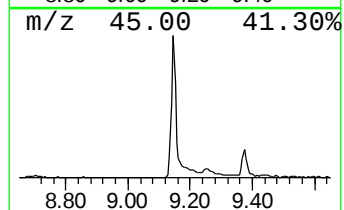
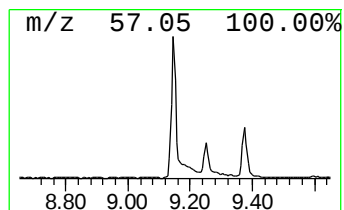
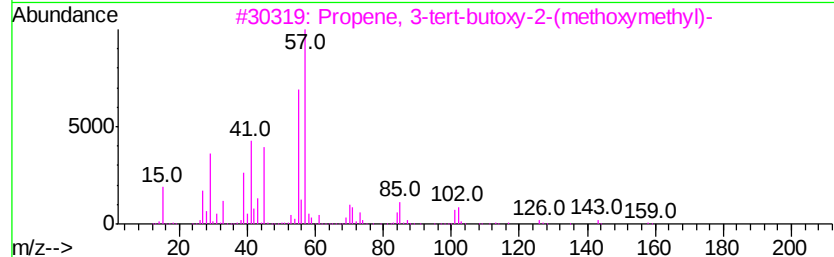
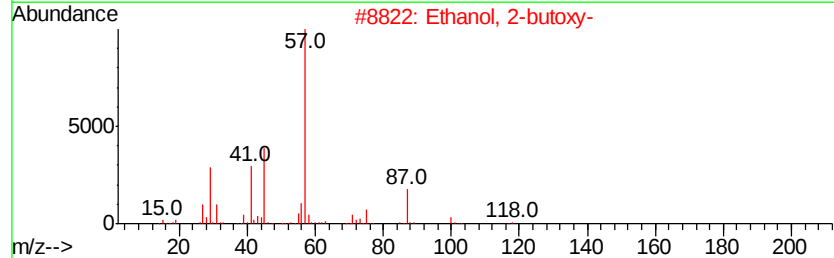
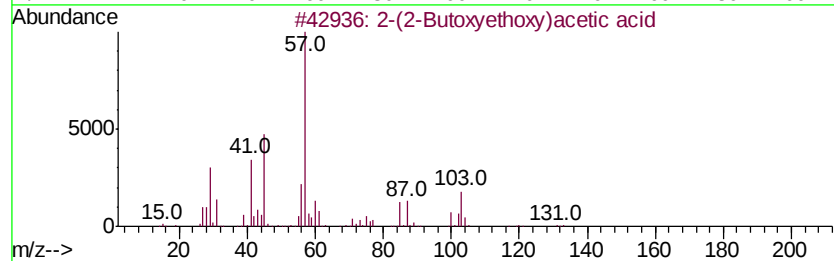
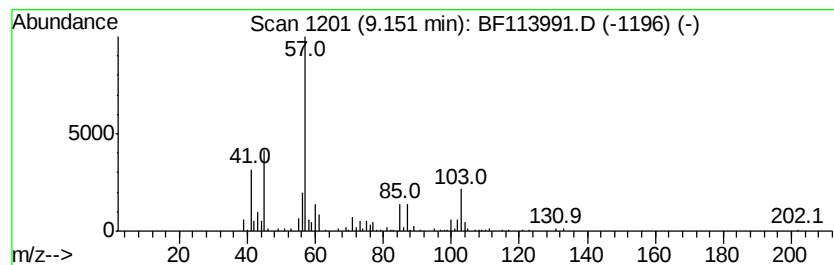
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-(2-Butoxyethoxy)acetic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	5.65 ng	280622	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	90
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	49
3			Propene, 3-tert-butoxy-2-(methoxy...	158	C9H18O2	023230-86-6	47
4			D-Allothreonine	119	C4H9NO3	024830-94-2	40
5			Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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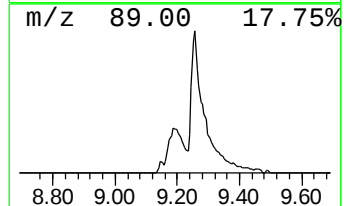
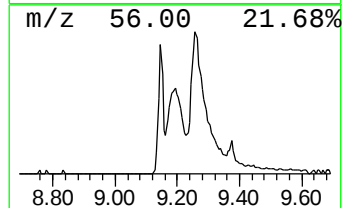
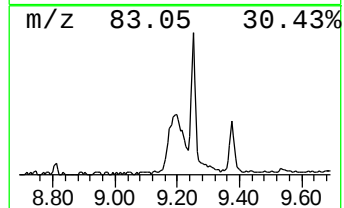
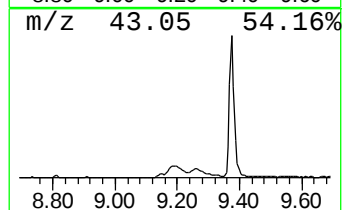
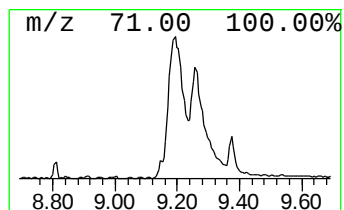
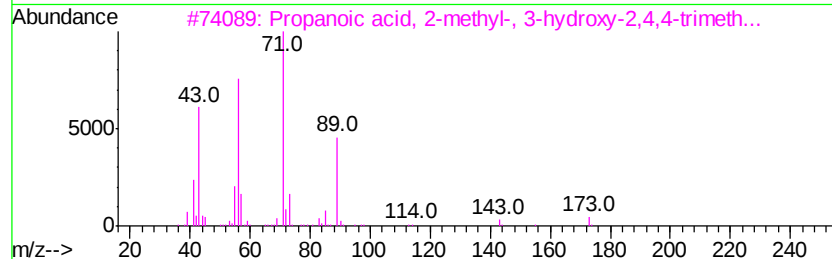
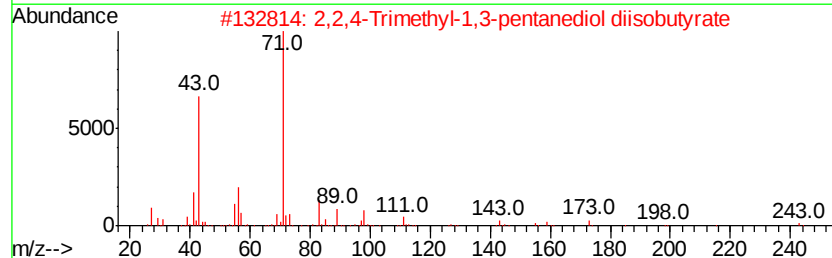
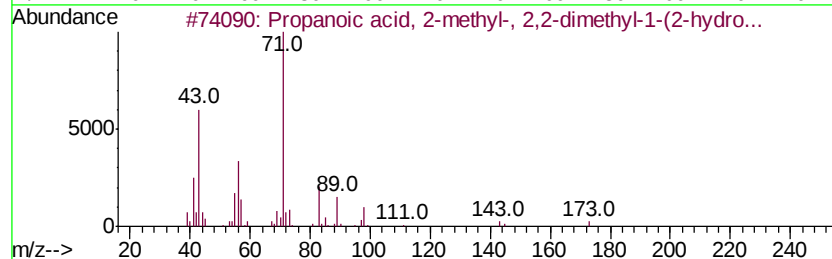
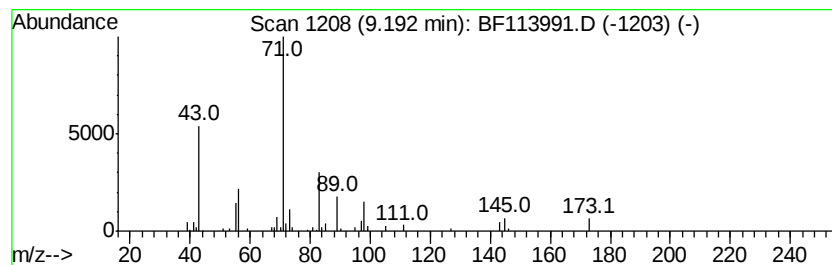
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	3.78 ng	187945	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	45
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	42
3		Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	38
4		3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	38
5		Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
Acq On : 25 Apr 2019 21:21
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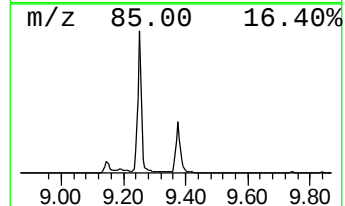
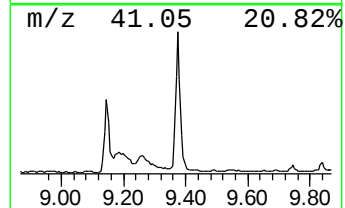
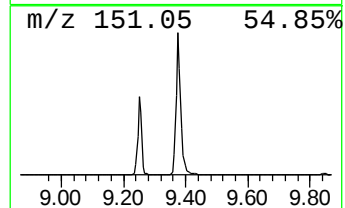
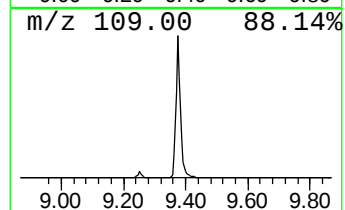
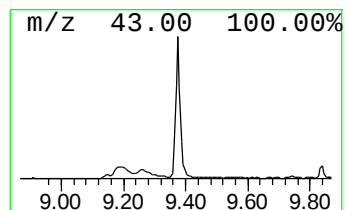
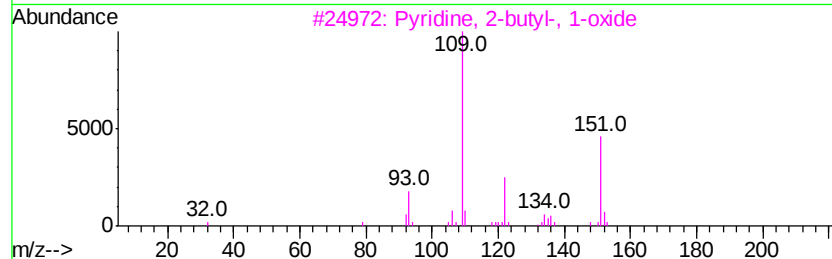
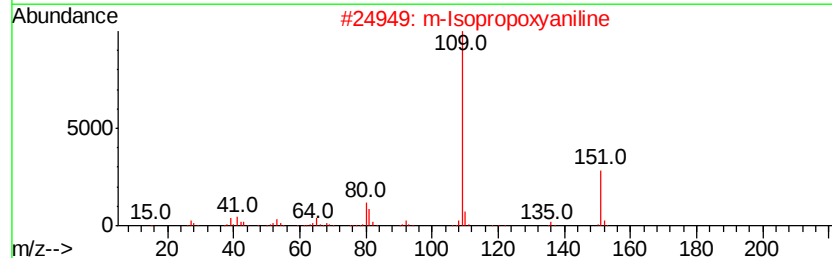
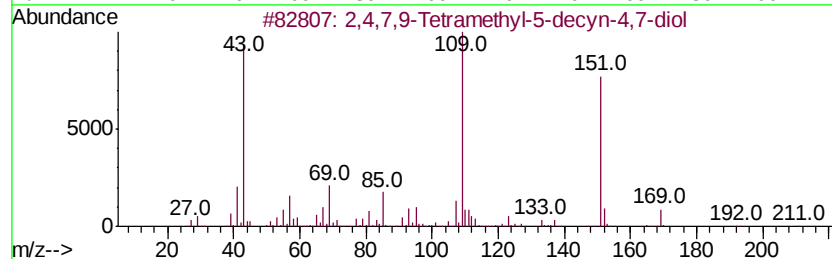
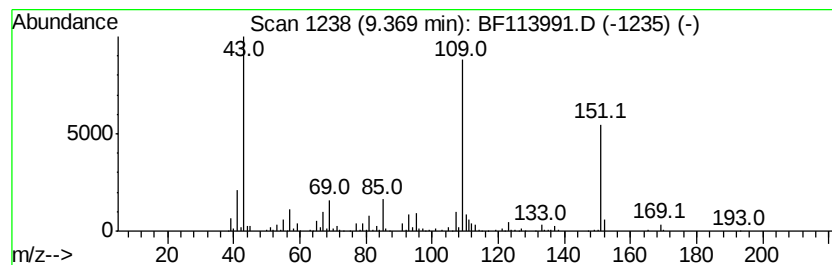
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	24.56 ng	1220570	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2		m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	53
3		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
4		Metacetamol	151	C8H9NO2	000621-42-1	53
5		1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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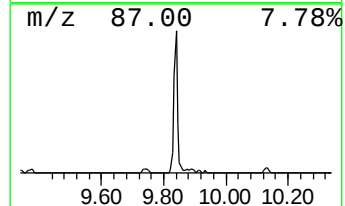
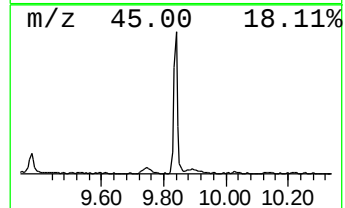
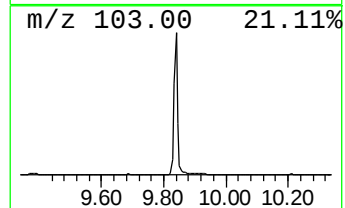
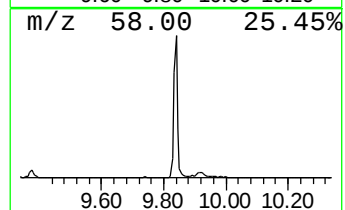
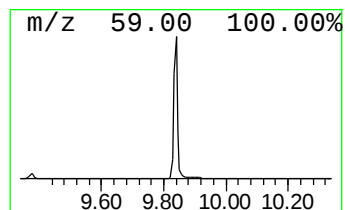
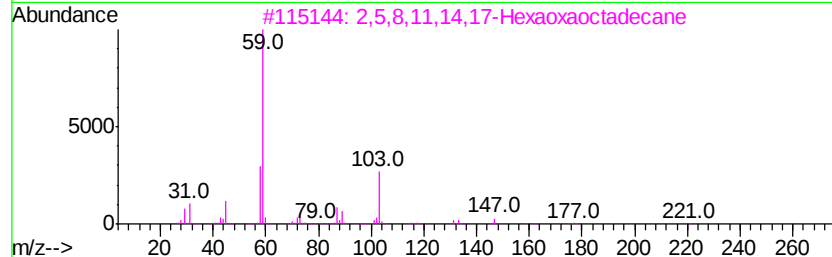
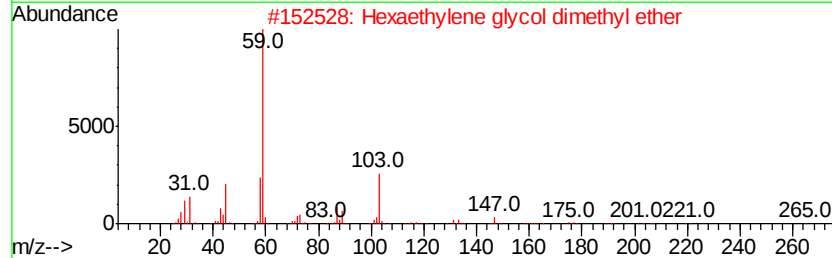
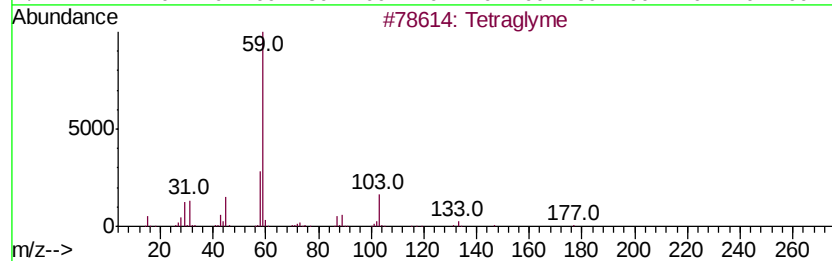
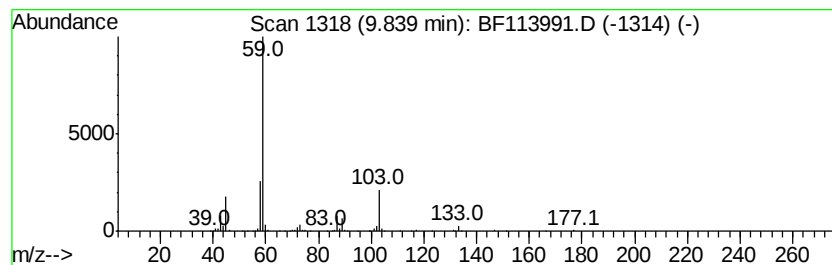
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetraglyme Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	8.94 ng	444488	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetraglyme	222	C10H22O5	000143-24-8	90
2			Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	86
3			2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	83
4			Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	78
5			Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	78



Instrument :
BNA_F
ClientSampleId :
FMI-133

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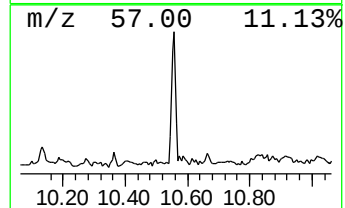
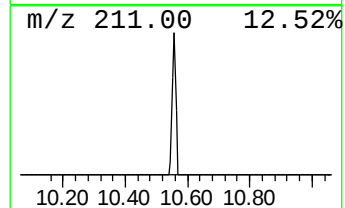
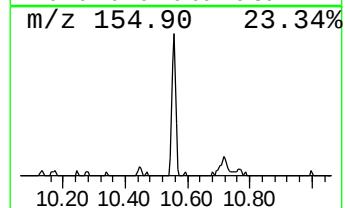
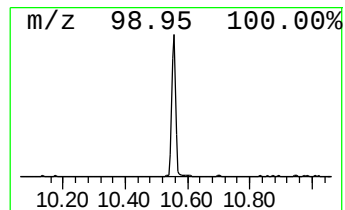
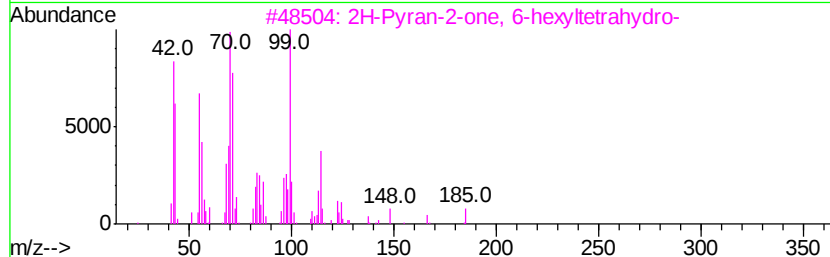
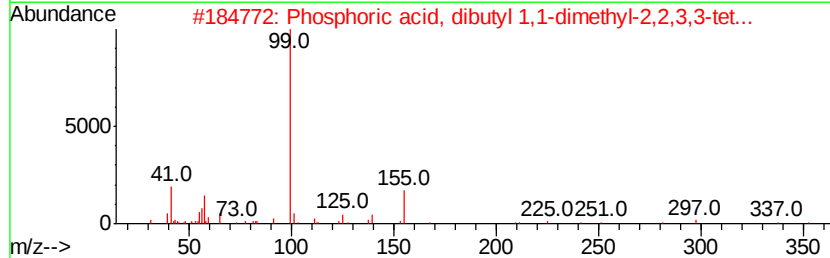
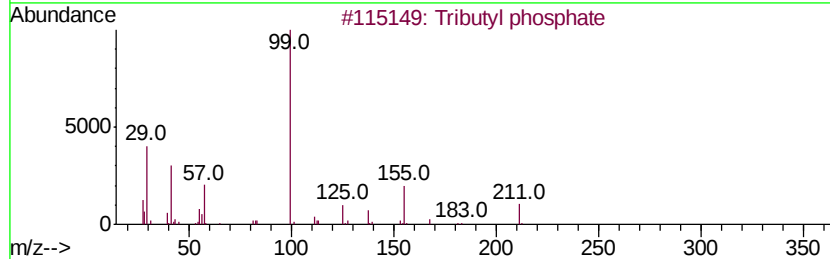
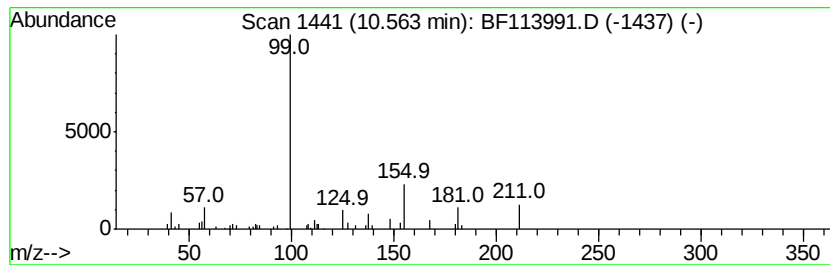
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TIC Integration Parameters: LSCINT.P
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Peak Number 12  Tributyl phosphate                      Concentration Rank 19

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10.56	2.48 ng	123359	Acenaphthene-d10		9.93		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tributyl phosphate	266	C12H27O4P	000126-73-8	80
2			Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	40
3			2H-Pyran-2-one, 6-hexyltetrahydro-	184	C11H20O2	000710-04-3	38
4			3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	28
5			1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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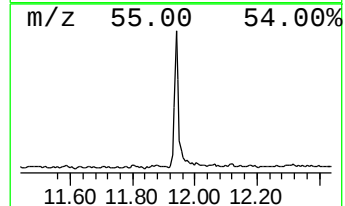
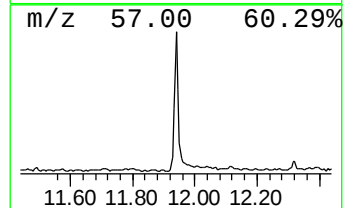
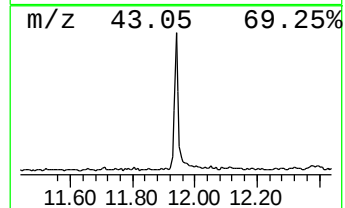
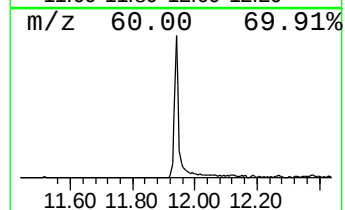
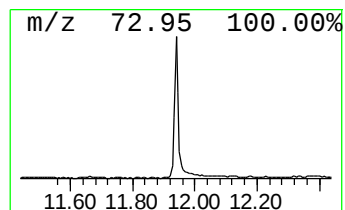
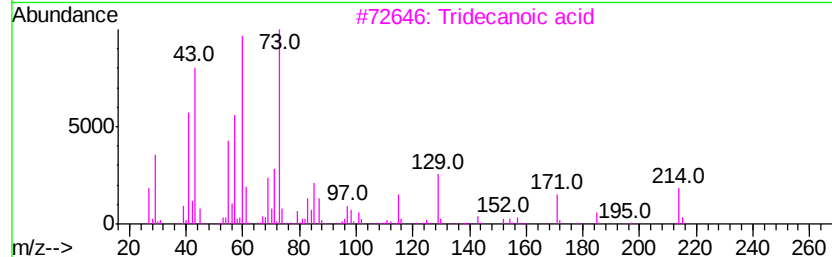
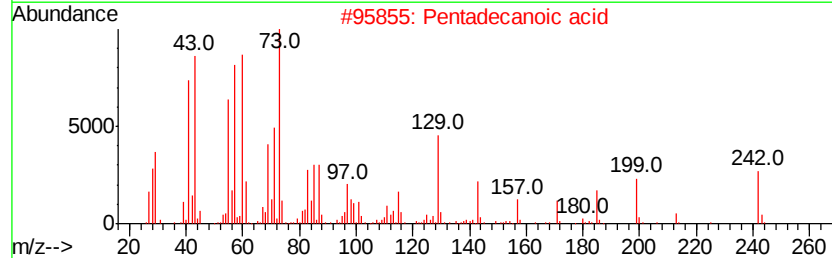
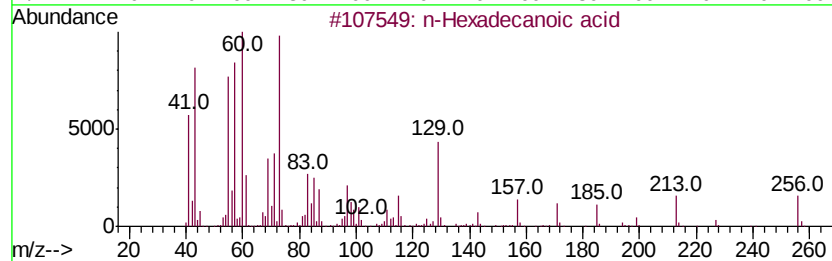
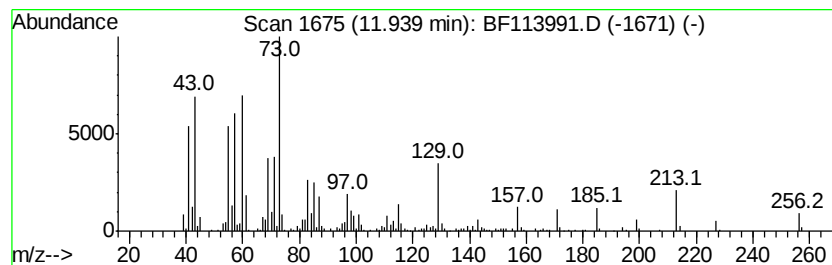
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	8.65 ng	490477	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	46
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
Acq On : 25 Apr 2019 21:21
Operator : JU/SJ
Sample : K2545-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FMI-133

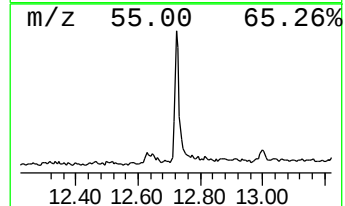
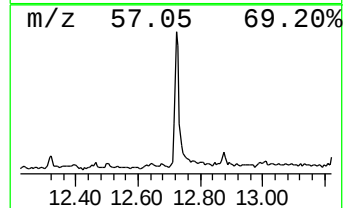
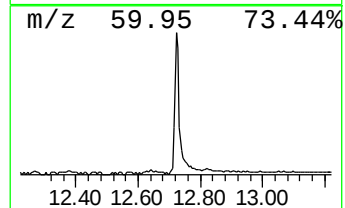
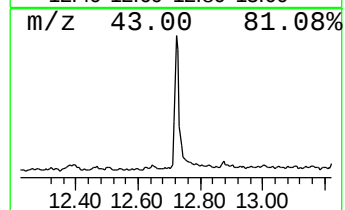
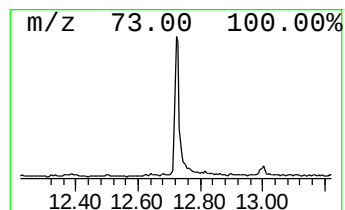
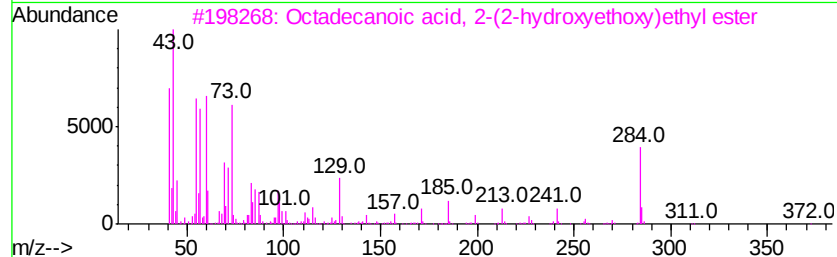
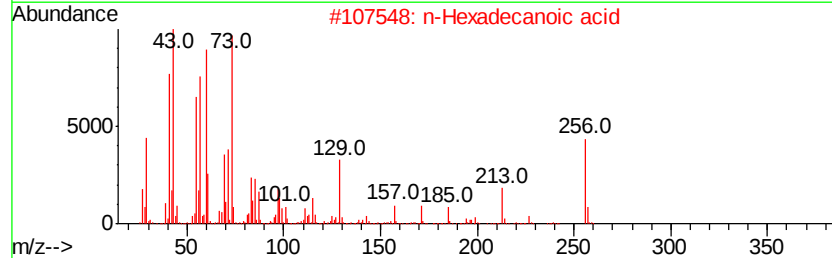
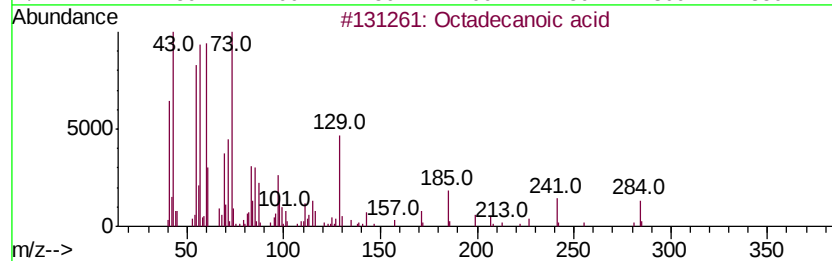
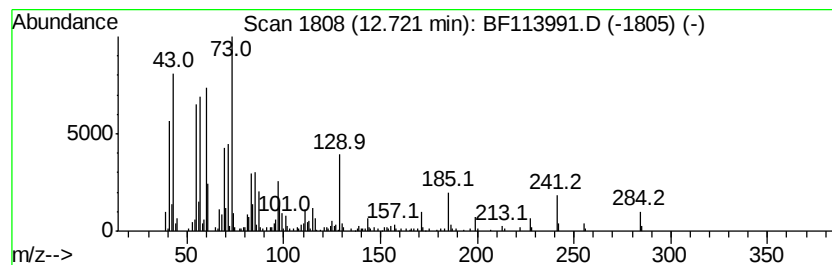
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	7.05 ng	399641	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
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Sample : K2545-01
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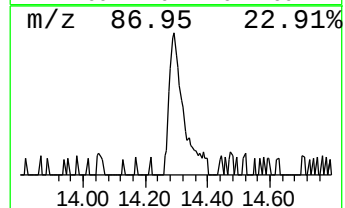
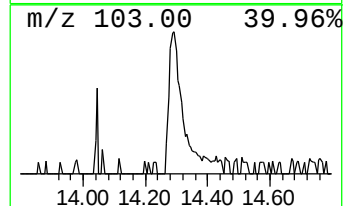
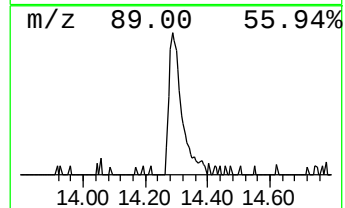
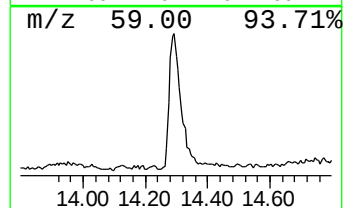
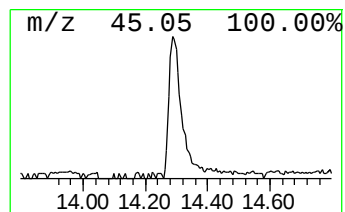
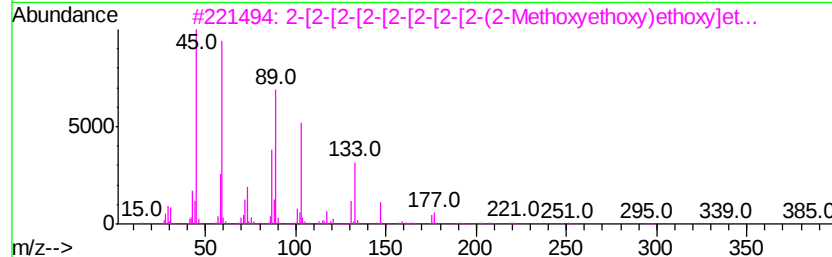
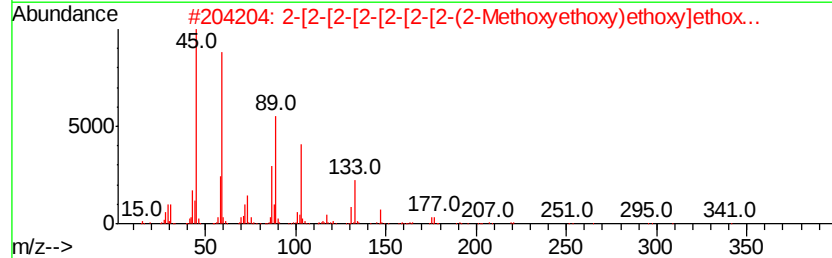
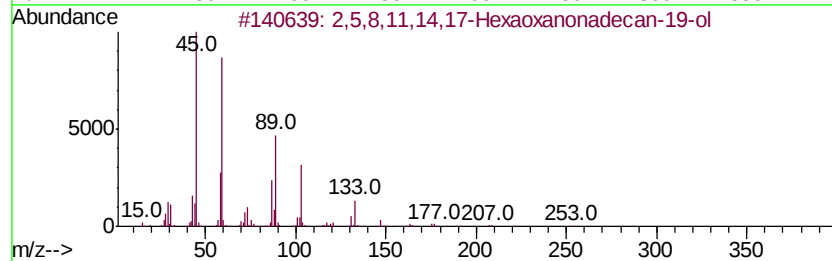
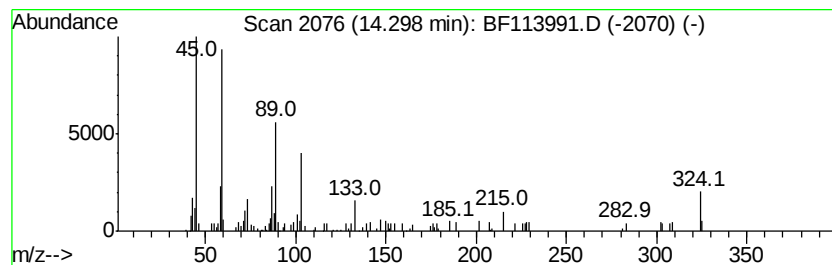
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,5,8,11,14,17-Hexaoxonad... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.35 ng	143205	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14,17-Hexaoxonadecan-	...	296	C13H28O7	023601-40-3	83	
2	2-[2-[2-[2-[2-[2-(2-Methoxvet...	...	384	C17H36O9	1000352-04-2	83	
3	2-[2-[2-[2-[2-[2-(2-Methox...	...	428	C19H40O10	1000352-04-3	81	
4	2-[2-[2-[2-[2-[2-(2-Met...	...	472	C21H44O11	1000352-11-2	74	
5	Tetraethyleneglycol monomethylether	...	208	C9H20O5	023783-42-8	74	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
Acq On : 25 Apr 2019 21:21
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Sample : K2545-01
Misc :
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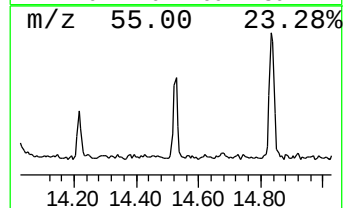
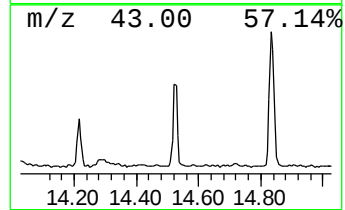
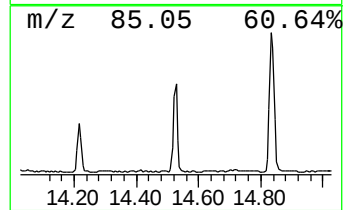
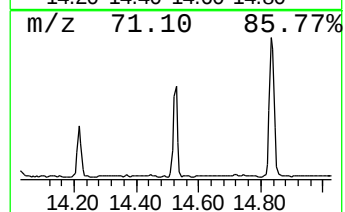
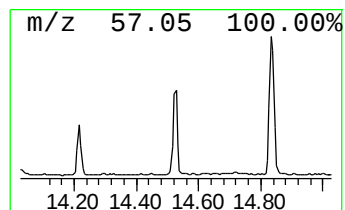
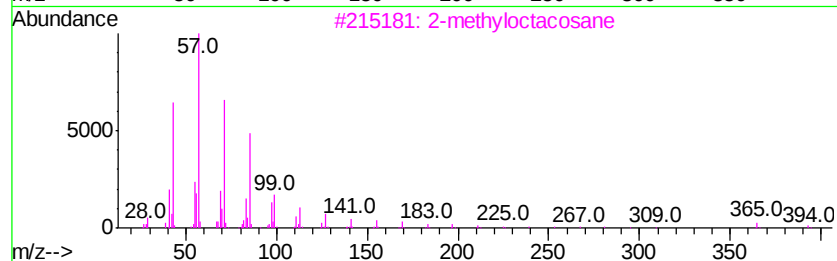
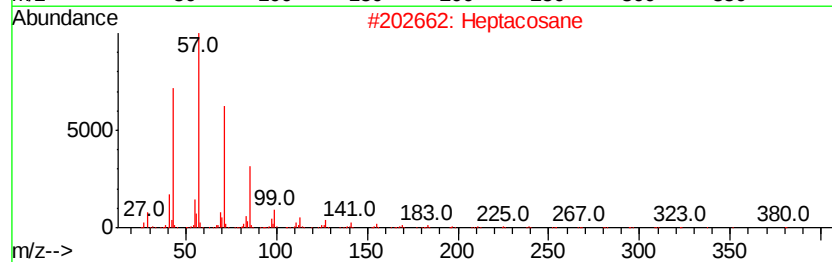
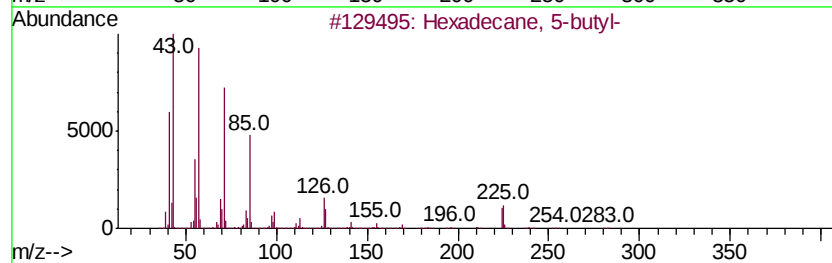
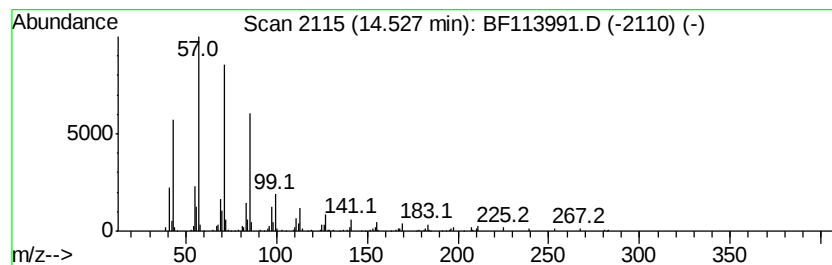
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 5-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.53	3.48 ng	212191	Chrysene-d12	14.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
Acq On : 25 Apr 2019 21:21
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Sample : K2545-01
Misc :
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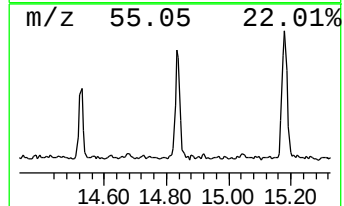
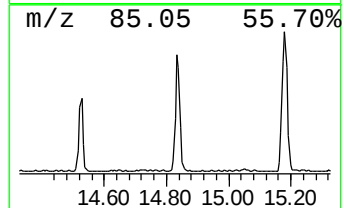
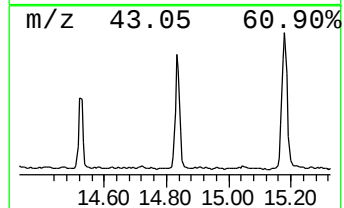
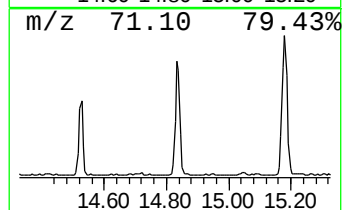
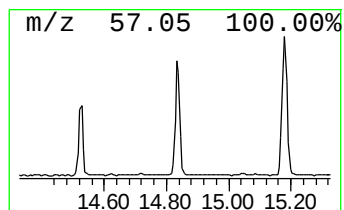
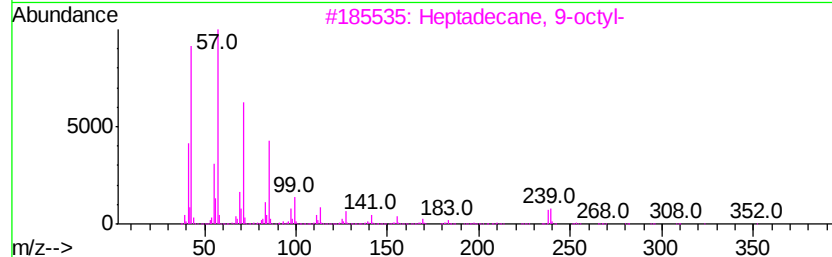
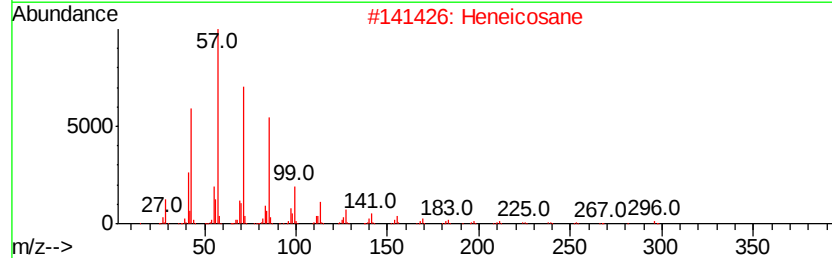
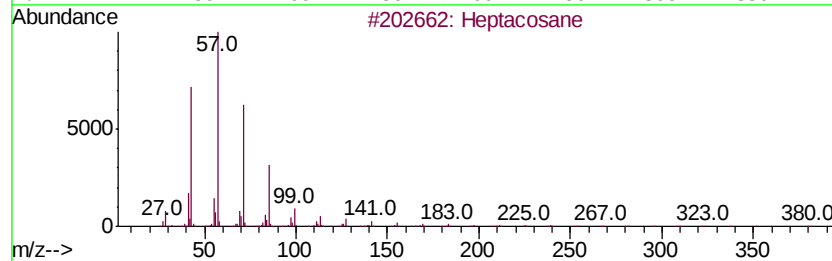
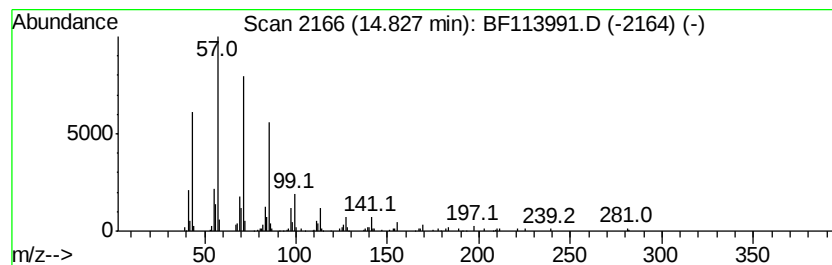
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.77 ng	350959	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Octadecane	254	C18H38	000593-45-3	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113991.D
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Sample : K2545-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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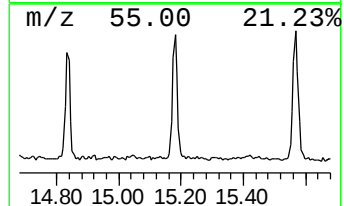
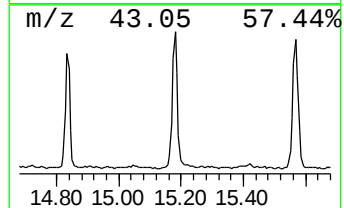
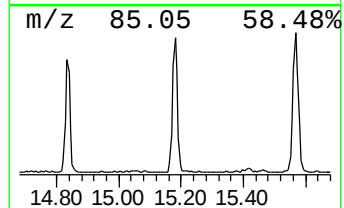
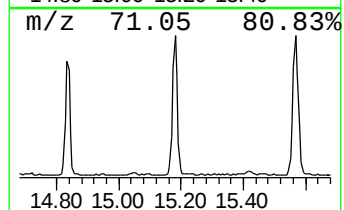
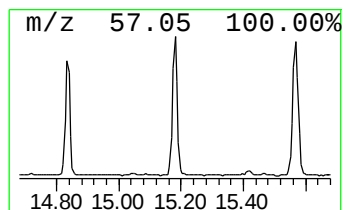
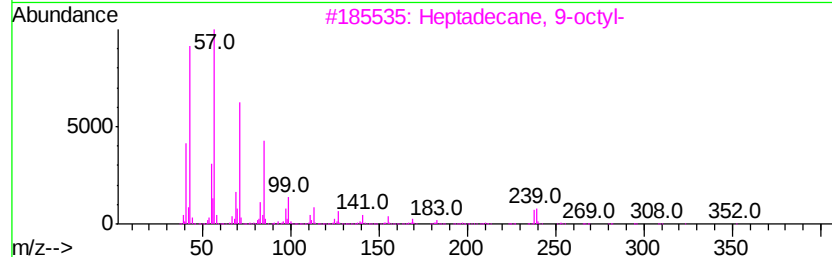
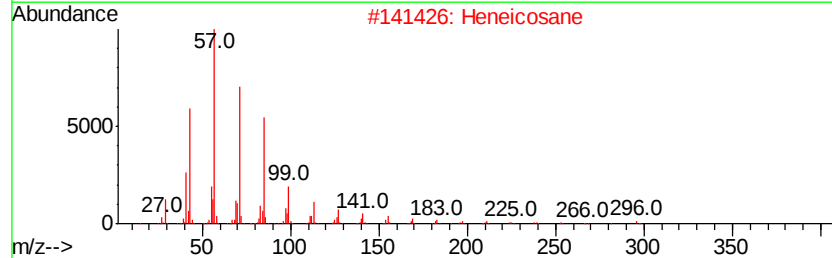
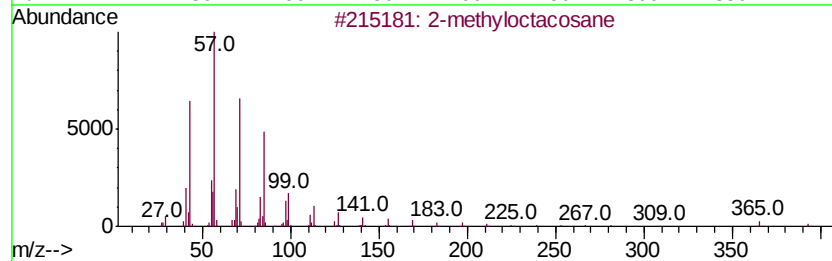
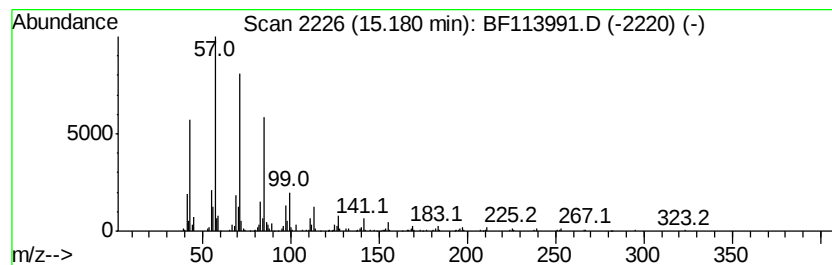
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	9.34 ng	567755	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Hexacosane	366	C26H54	000630-01-3	90
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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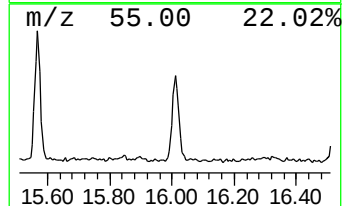
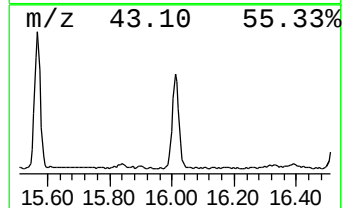
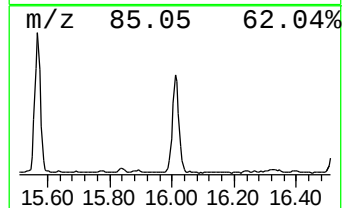
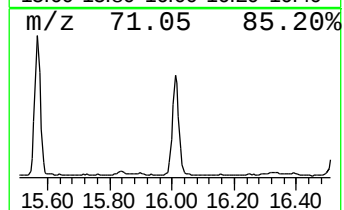
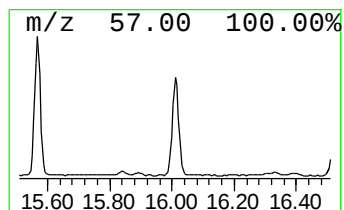
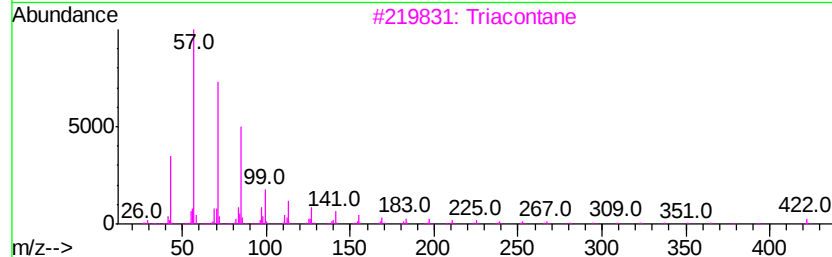
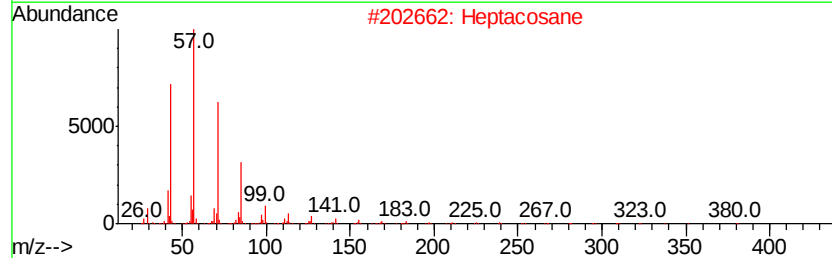
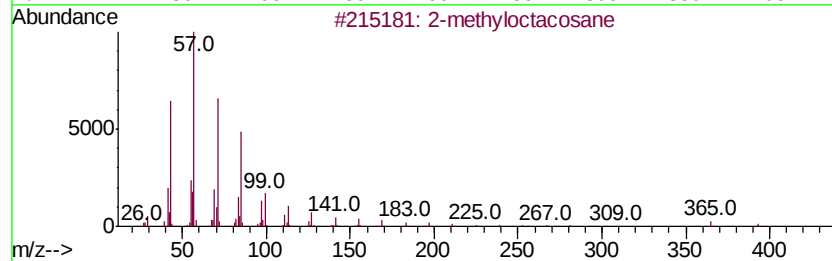
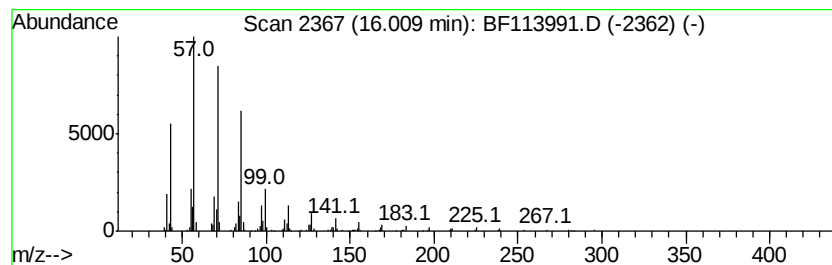
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	6.91 ng	420010	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octacosane	394	C28H58	000630-02-4	91



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Sample : K2545-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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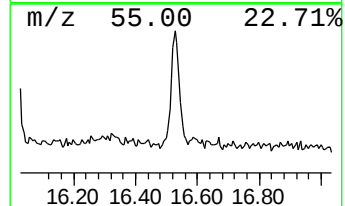
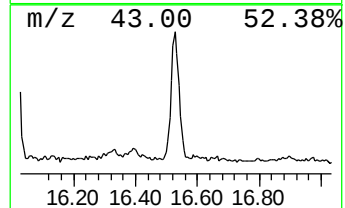
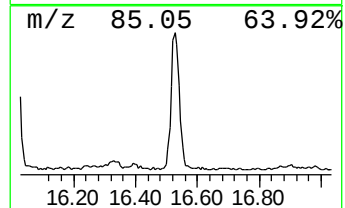
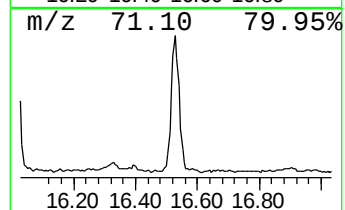
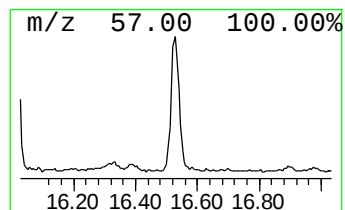
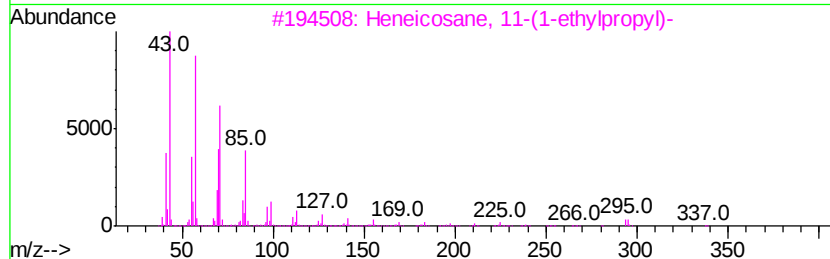
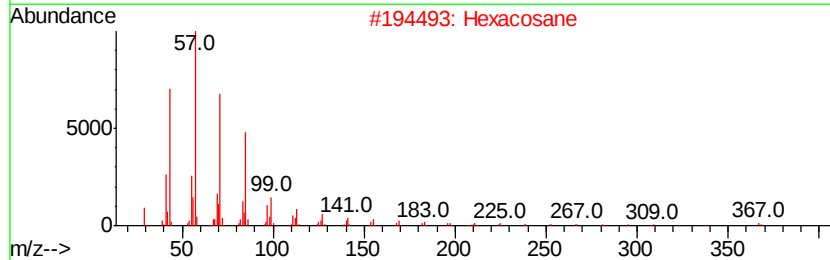
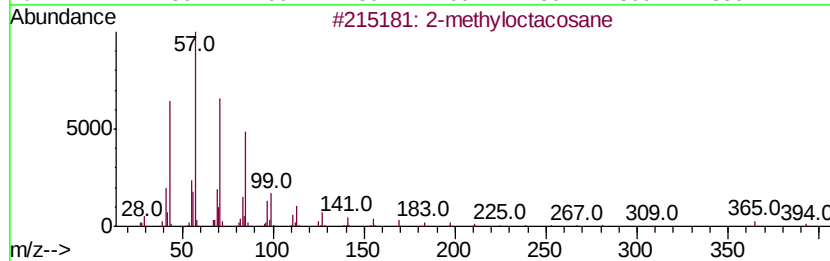
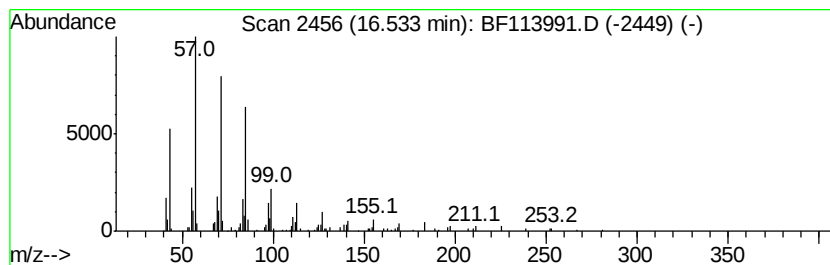
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane, 11-(1-ethylpro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.24 ng	257846	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042519\
 Data File : BF113991.D
 Acq On : 25 Apr 2019 21:21
 Operator : JU/SJ
 Sample : K2545-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FMI-133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
Butane, 2-methoxy...	2.16	8.2	ng	255546	1	6.89	625068	20.0
Nitrous acid, cyc...	5.72	42.1	ng	1315910	1	6.89	625068	20.0
Cyclopentanone, 2...	5.79	166.1	ng	5189800	1	6.89	625068	20.0
unknown6.66	6.66	68.7	ng	2146210	1	6.89	625068	20.0
Ethanol, 2-(2-but...	8.09	50.3	ng	2037360	2	8.17	809922	20.0
Benzothiazole	8.45	3.6	ng	147325	2	8.17	809922	20.0
2-(2-Butoxyethoxy...	9.15	5.7	ng	280622	3	9.93	993984	20.0
unknown9.19	9.19	3.8	ng	187945	3	9.93	993984	20.0
2,4,7,9-Tetrameth...	9.37	24.6	ng	1220570	3	9.93	993984	20.0
Tetraglyme	9.84	8.9	ng	444488	3	9.93	993984	20.0
Tributyl phosphate	10.56	2.5	ng	123359	3	9.93	993984	20.0
n-Hexadecanoic acid	11.94	8.7	ng	490477	4	11.42	1133780	20.0
Octadecanoic acid	12.72	7.0	ng	399641	4	11.42	1133780	20.0
2,5,8,11,14,17-He...	14.30	2.4	ng	143205	5	14.05	1220510	20.0
Hexadecane, 5-butyl-	14.53	3.5	ng	212191	5	14.05	1220510	20.0
Heptacosane	14.83	5.8	ng	350959	6	15.54	1215870	20.0
2-methyloctacosane	15.18	9.3	ng	567755	6	15.54	1215870	20.0
triacontane	16.01	6.9	ng	420010	6	15.54	1215870	20.0
Heneicosane, 11-(...	16.53	4.2	ng	257846	6	15.54	1215870	20.0