

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031418\
 Data File : BF103650.D
 Acq On : 14 Mar 2018 19:32
 Operator : SJ/JU
 Sample : J1754-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-A

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-BF022218.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	5.098	509	512	533	rBV	40825	91064	1.58%	0.240%
2	5.487	575	578	628	rBV	1327541	3177062	55.11%	8.364%
3	6.498	747	750	769	rBV	1517394	2963096	51.40%	7.801%
4	6.628	769	772	793	rVB	2258154	3111949	53.98%	8.193%
5	6.857	808	811	830	rVB	376996	672743	11.67%	1.771%
6	7.010	833	837	858	rBV	1878700	2176510	37.76%	5.730%
7	7.428	904	908	924	rBV	1058048	1944870	33.74%	5.120%
8	8.104	1020	1023	1026	rBV	77903	79857	1.39%	0.210%
9	8.139	1026	1029	1040	rVV	510477	762952	13.23%	2.009%
10	8.710	1123	1126	1132	rBV	124761	102540	1.78%	0.270%
11	9.075	1185	1188	1192	rBV	132232	121163	2.10%	0.319%
12	9.186	1202	1207	1208	rBV2	118237	92981	1.61%	0.245%
13	9.210	1208	1211	1220	rVV	2452722	2682940	46.54%	7.063%
14	9.275	1220	1222	1227	rVB	147269	147346	2.56%	0.388%
15	9.804	1309	1312	1316	rVB	122378	103439	1.79%	0.272%
16	9.898	1324	1328	1346	rVB	675379	808551	14.03%	2.129%
17	10.304	1395	1397	1400	rVB	138684	105303	1.83%	0.277%
18	10.698	1460	1464	1475	rBV	849979	1323941	22.97%	3.485%
19	10.780	1475	1478	1487	rVB	138794	182769	3.17%	0.481%
20	11.227	1551	1554	1557	rBV	97794	86720	1.50%	0.228%
21	11.398	1579	1583	1594	rBV	480397	674318	11.70%	1.775%
22	11.539	1604	1607	1611	rBV	73875	64216	1.11%	0.169%
23	11.657	1624	1627	1629	rBV	85540	70198	1.22%	0.185%
24	11.763	1641	1645	1653	rBV	1998664	1841955	31.95%	4.849%
25	11.904	1667	1669	1672	rBV	154903	177492	3.08%	0.467%
26	11.939	1672	1675	1683	rVB	206968	231374	4.01%	0.609%
27	12.063	1693	1696	1698	rBV	76546	61847	1.07%	0.163%
28	12.457	1758	1763	1765	rBV	4302233	5764720	100.00%	15.176%
29	12.474	1765	1766	1776	rVV2	3500342	2927666	50.79%	7.707%
30	12.551	1776	1779	1786	rVB	796474	751659	13.04%	1.979%
31	12.827	1823	1826	1828	rBV	80250	61535	1.07%	0.162%
32	12.980	1848	1852	1862	rBV	1744008	1900715	32.97%	5.004%
33	13.180	1884	1886	1889	rBV	75205	67798	1.18%	0.178%
34	13.280	1900	1903	1906	rBV	67684	58774	1.02%	0.155%

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35	13.527	1941	1945	1948	rBV	73091	73155	1.27%	0.193%
36	13.857	1997	2001	2007	rBV	300282	384262	6.67%	1.012%
37	13.951	2014	2017	2022	rVB	71811	71445	1.24%	0.188%
38	14.057	2031	2035	2043	rBV	519171	636337	11.04%	1.675%
39	14.480	2103	2107	2110	rBV2	60829	91957	1.60%	0.242%
40	14.786	2157	2159	2169	rVB2	42112	67283	1.17%	0.177%
41	14.921	2177	2182	2193	rBV	275131	504507	8.75%	1.328%
42	15.510	2279	2282	2287	rVB	64424	84324	1.46%	0.222%
43	15.568	2287	2292	2303	rBV	284505	492717	8.55%	1.297%
44	15.945	2353	2356	2363	rVB	57221	88509	1.54%	0.233%
45	16.462	2440	2444	2450	rVB2	60016	98292	1.71%	0.259%

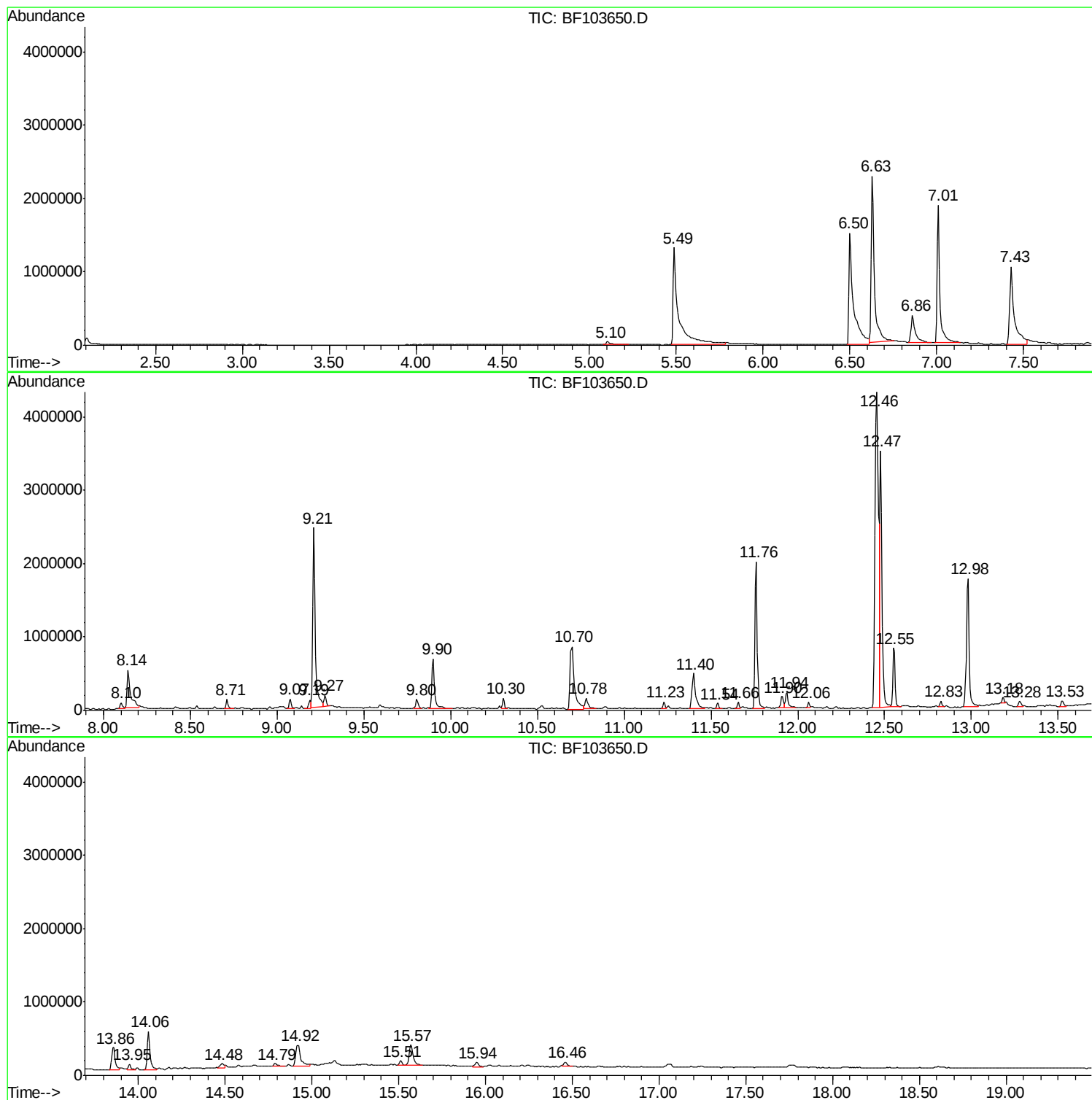
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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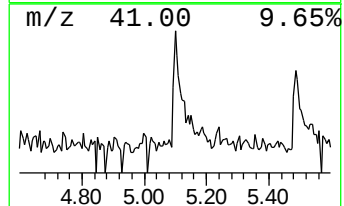
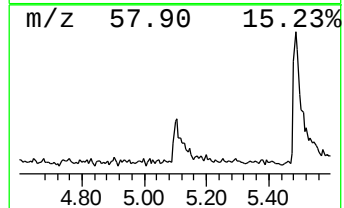
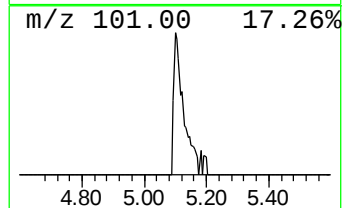
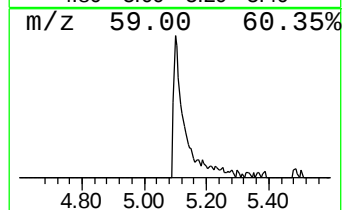
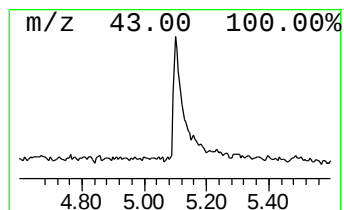
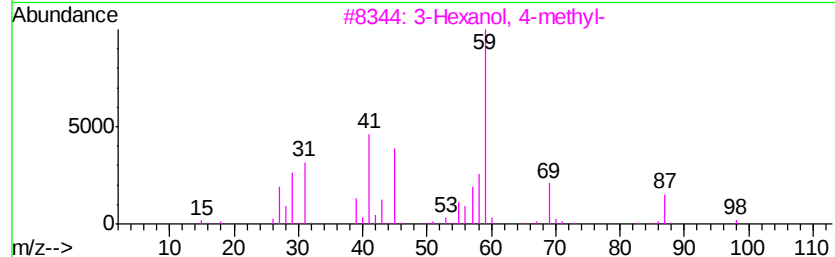
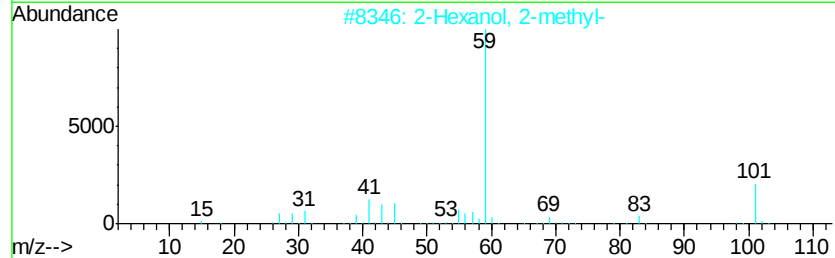
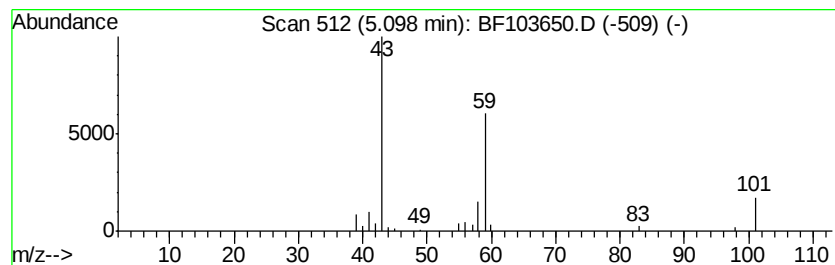
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.71 ng	91064	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			Diacetamide	101	C4H7NO2	000625-77-4	9



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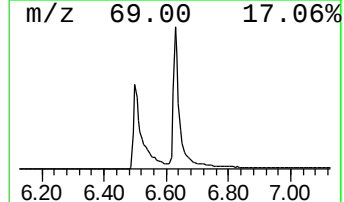
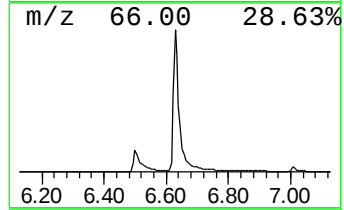
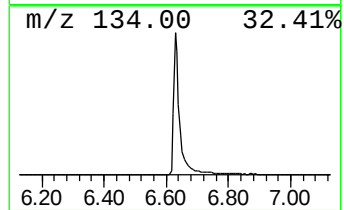
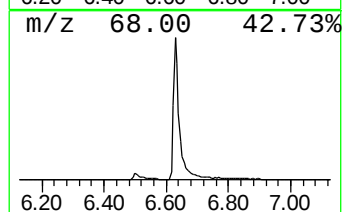
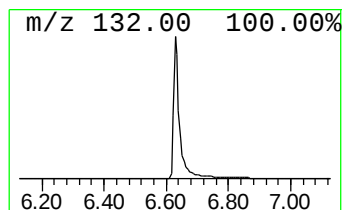
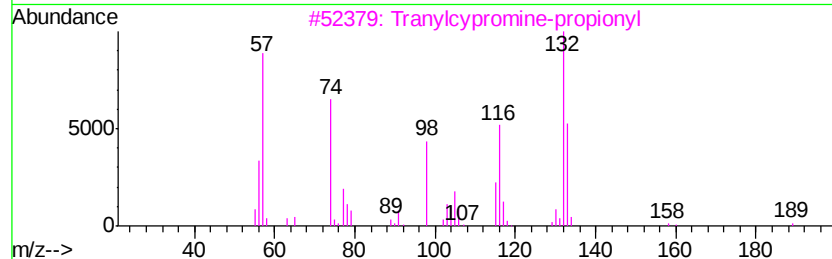
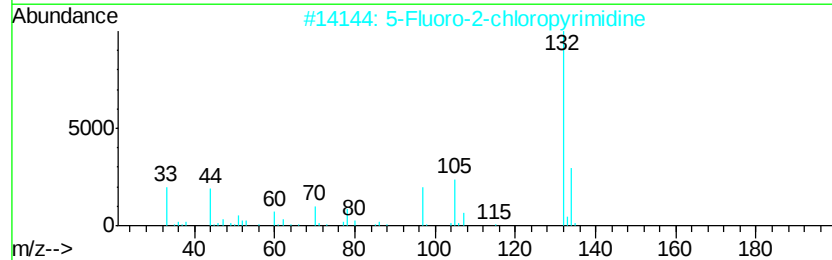
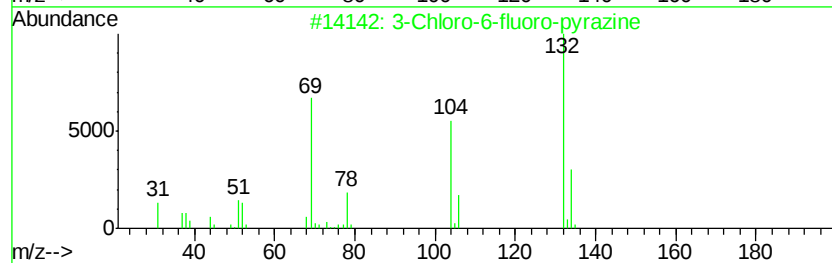
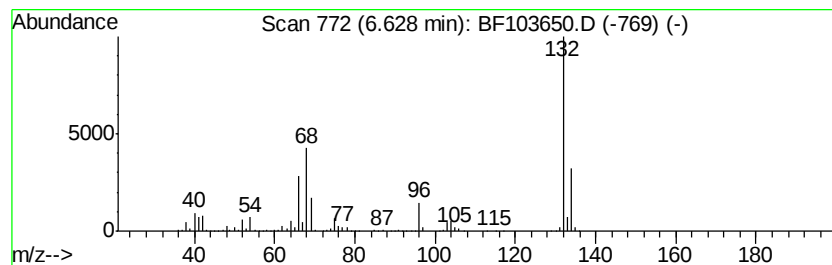
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	92.52 ng	3111950	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-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



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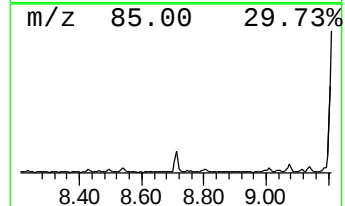
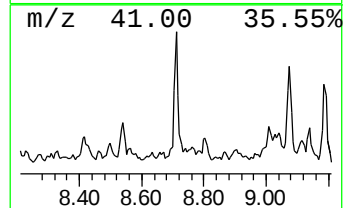
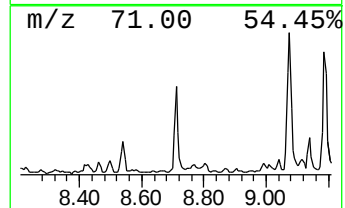
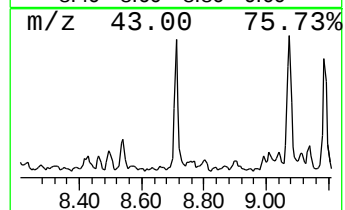
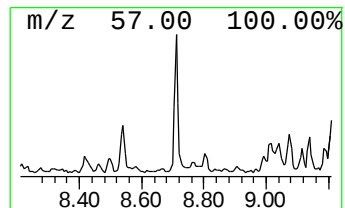
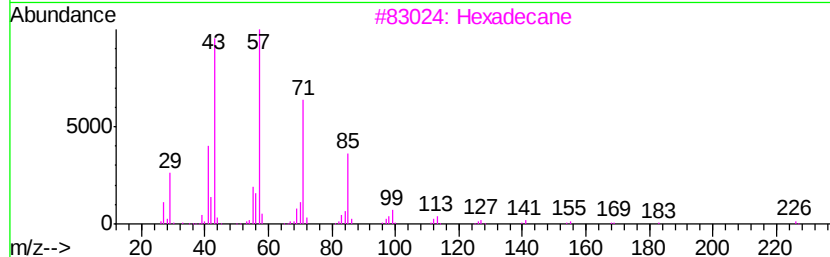
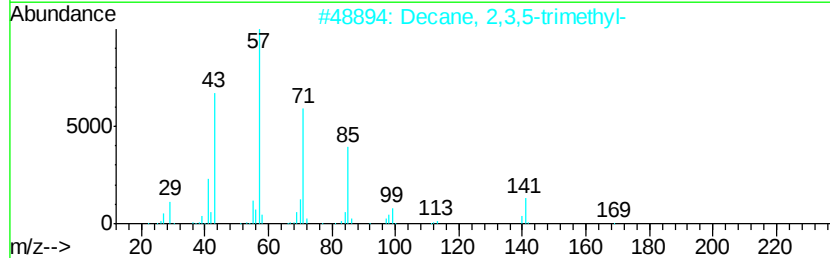
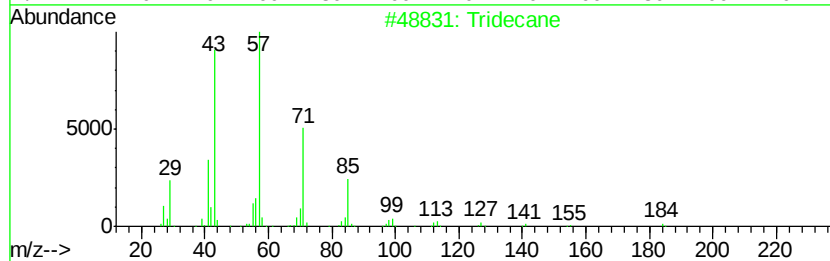
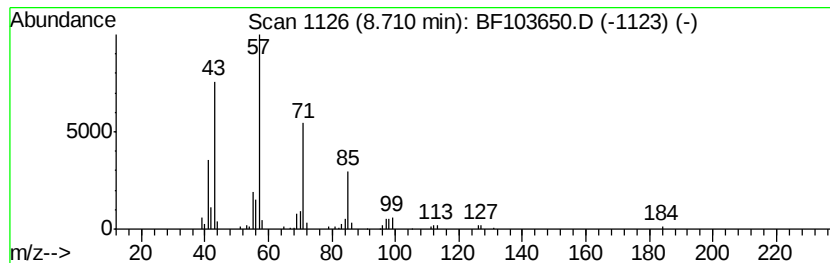
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.69 ng	102540	Naphthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
3	Hexadecane		226	C16H34	000544-76-3	86
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	86
5	Tetradecane		198	C14H30	000629-59-4	78



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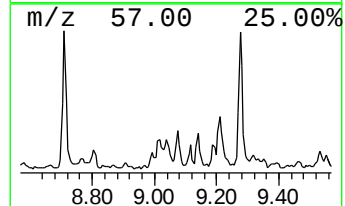
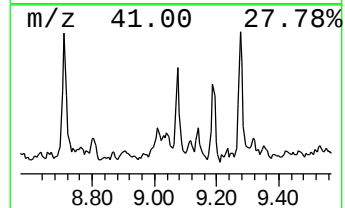
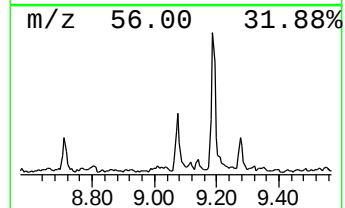
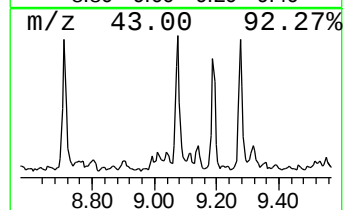
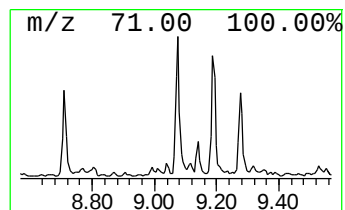
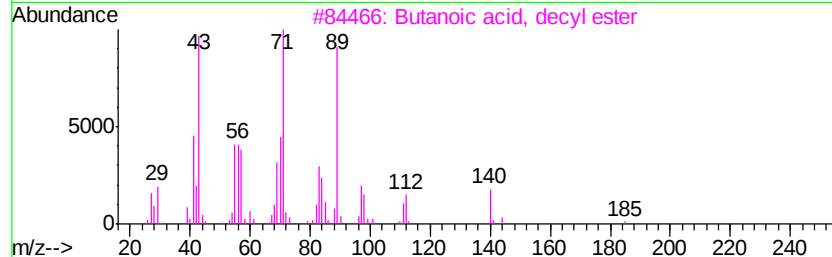
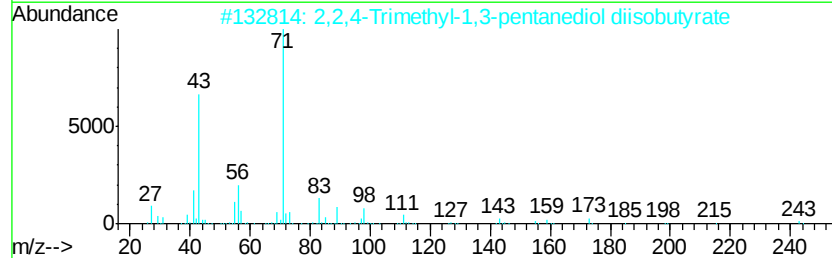
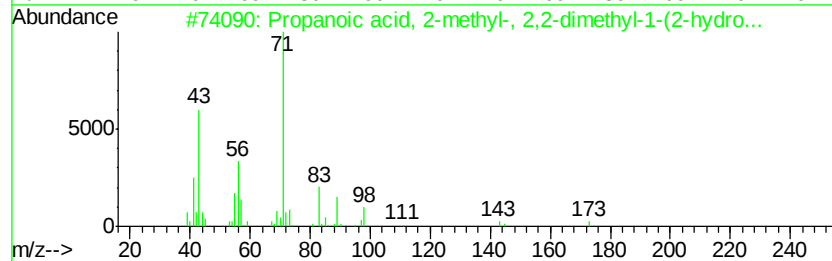
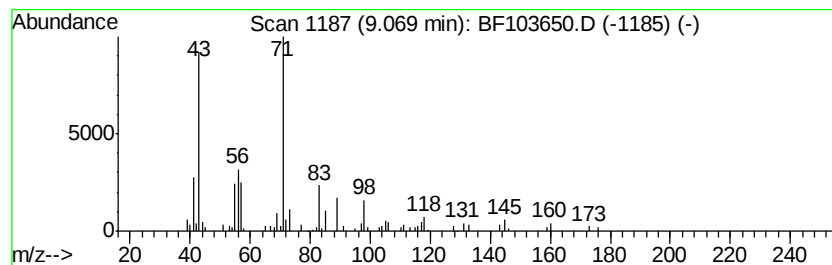
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.00 ng	121163	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	86
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	59
3		Butanoic acid, decyl ester	228	C14H28O2	005454-09-1	50
4		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
5		Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	43



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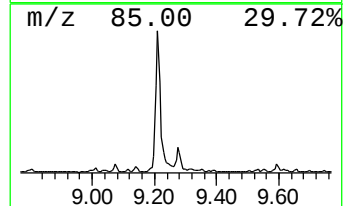
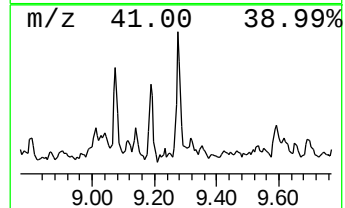
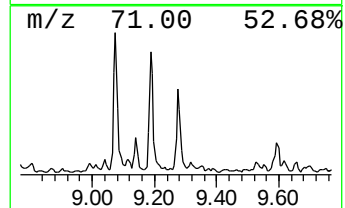
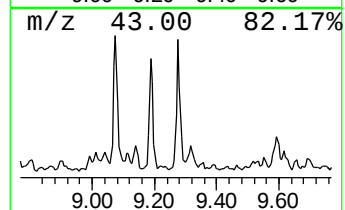
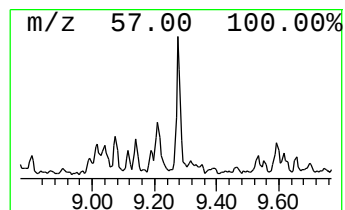
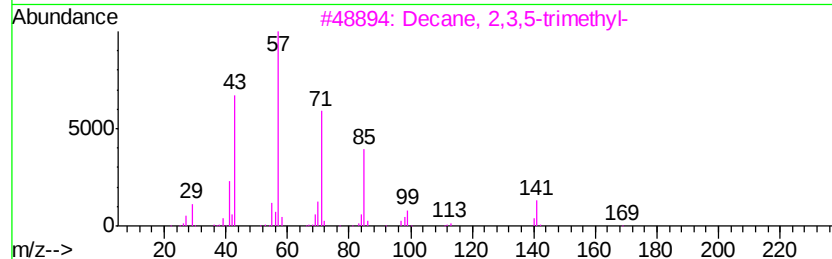
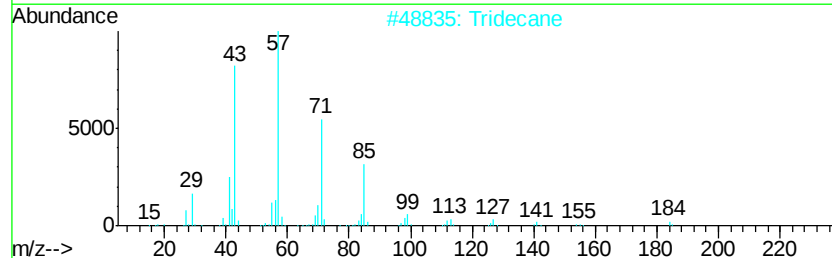
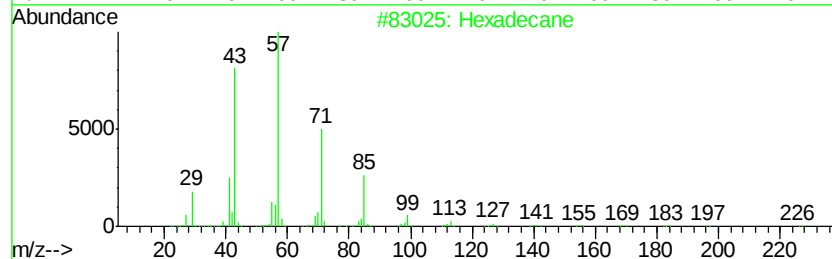
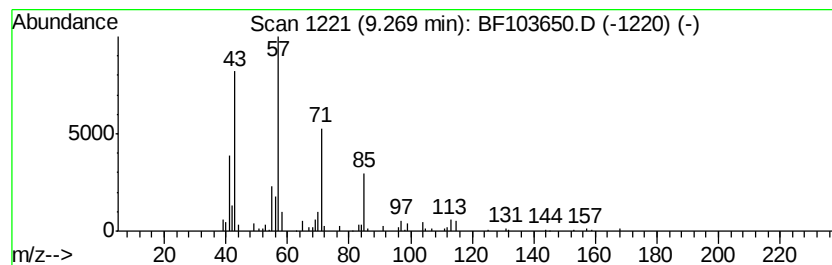
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.64 ng	147346	Acenaphthene-d10	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	78
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
4	Pentadecane		212	C15H32	000629-62-9	78
5	Undecane, 3,8-dimethyl-		184	C13H28	017301-30-3	72



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Acq On : 14 Mar 2018 19:32
Operator : SJ/JU
Sample : J1754-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

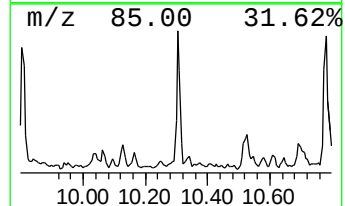
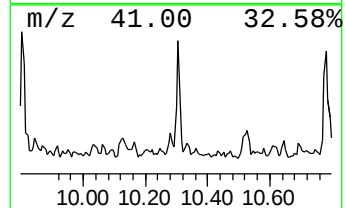
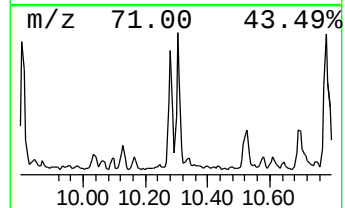
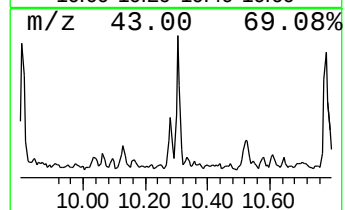
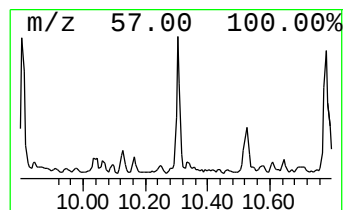
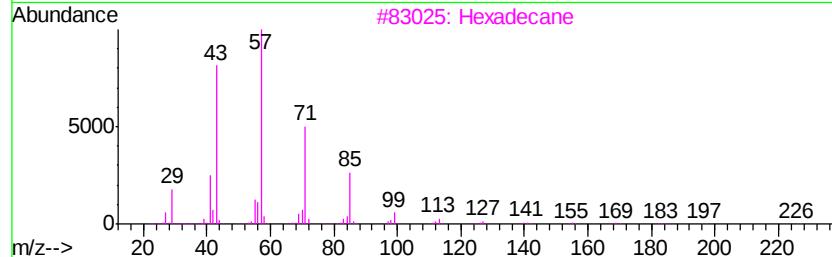
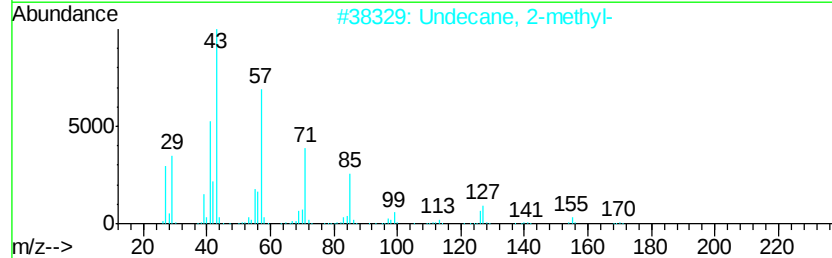
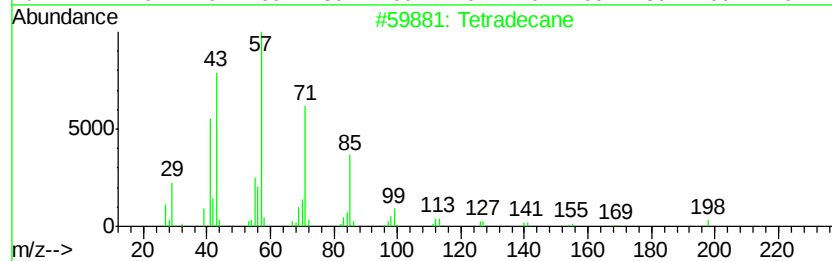
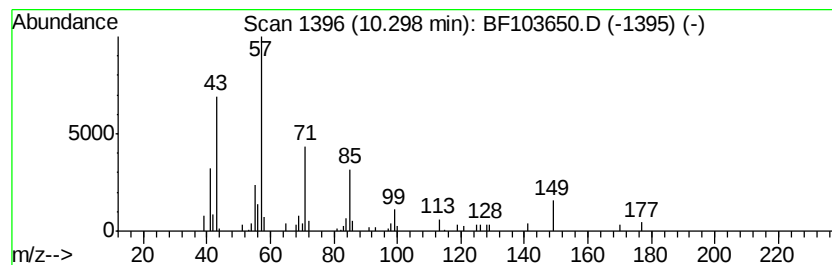
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.60 ng	105303	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 64
2		Undecane, 2-methyl-	170 C12H26	007045-71-8 64
3		Hexadecane	226 C16H34	000544-76-3 64
4		Heptadecane	240 C17H36	000629-78-7 64
5		5-Ethyldecane	170 C12H26	017302-36-2 62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031418\
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Operator : SJ/JU
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Instrument :
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ClientSampleId :
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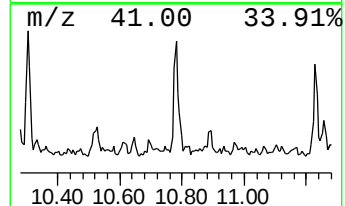
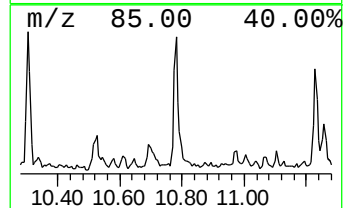
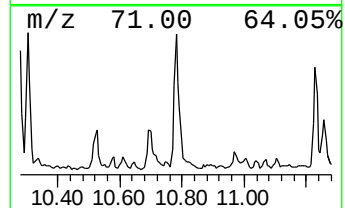
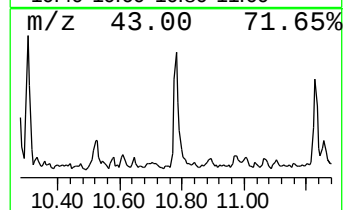
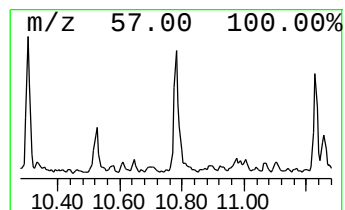
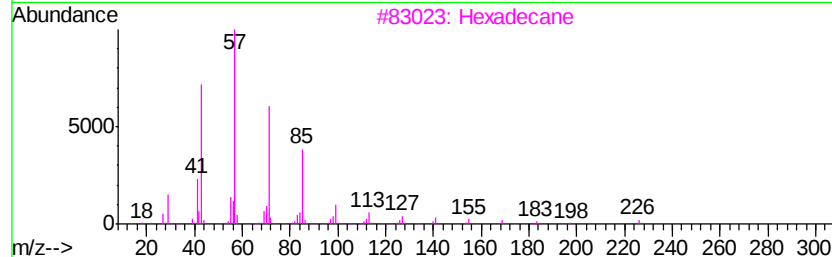
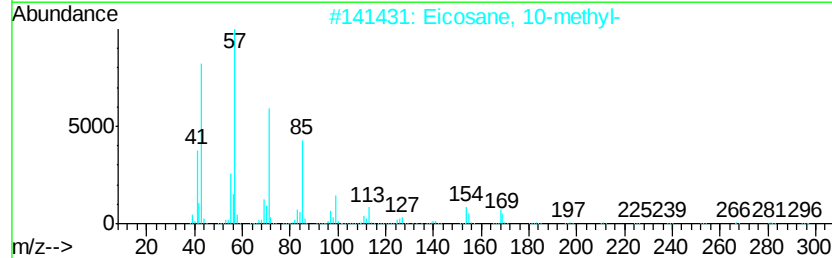
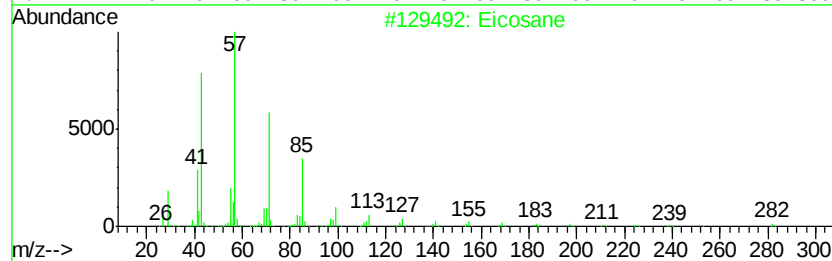
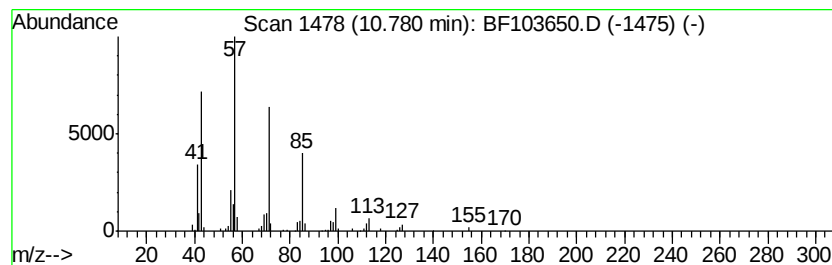
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.42 ng	182769	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	86
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	86
3	Hexadecane		226	C16H34	000544-76-3	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Tetradecane		198	C14H30	000629-59-4	86



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Operator : SJ/JU
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ClientSampleId :
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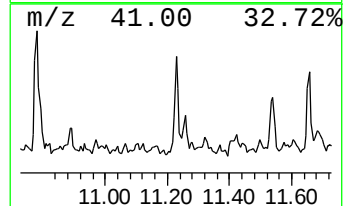
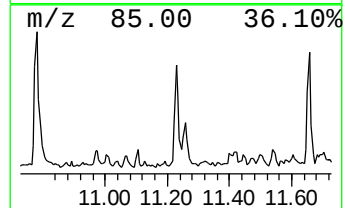
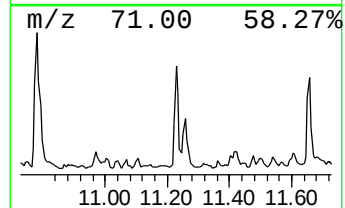
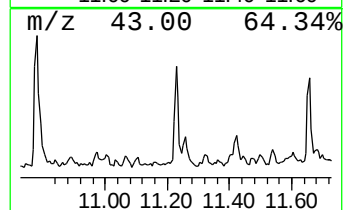
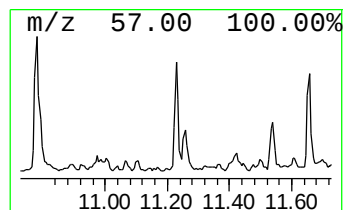
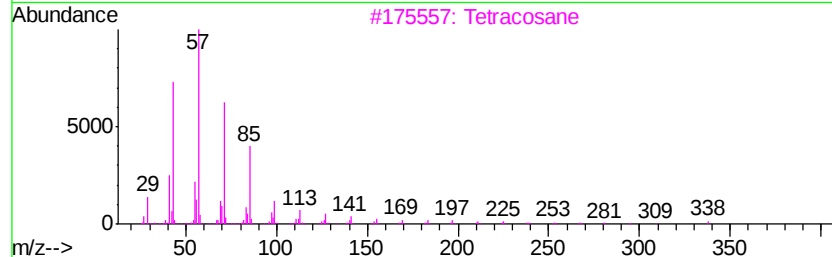
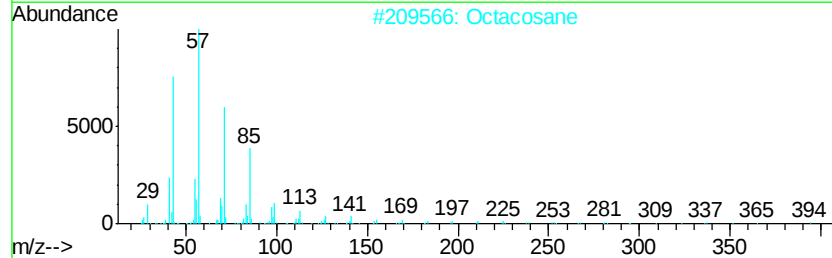
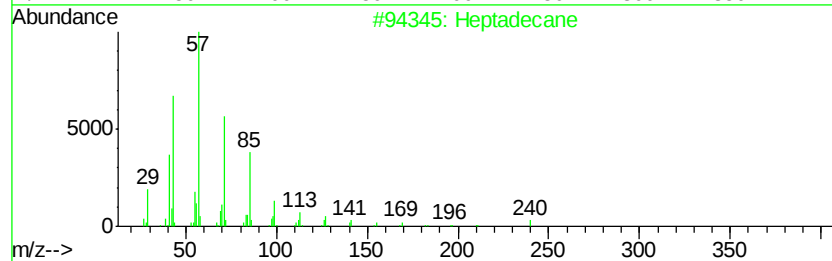
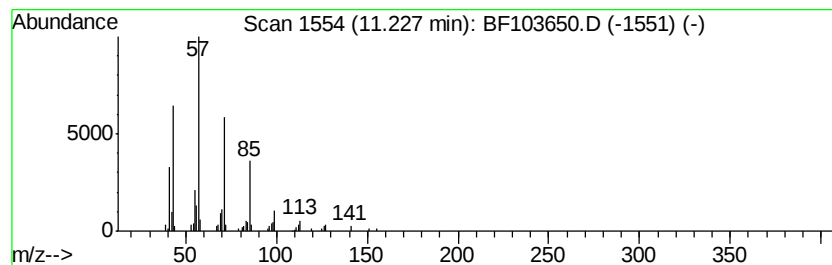
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.57 ng	86720	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Tetracosane	338	C24H50	000646-31-1	86
4			Heptacosane	380	C27H56	000593-49-7	86
5			Heneicosane	296	C21H44	000629-94-7	86



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Acq On : 14 Mar 2018 19:32
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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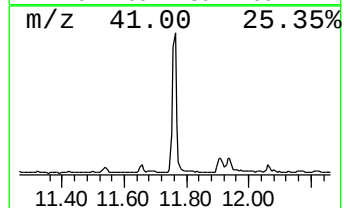
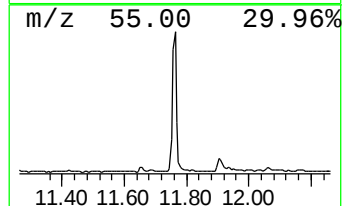
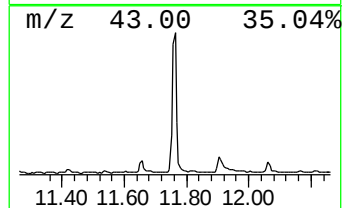
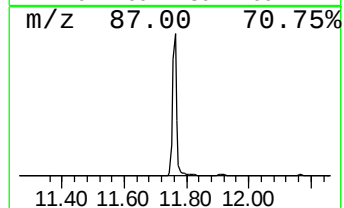
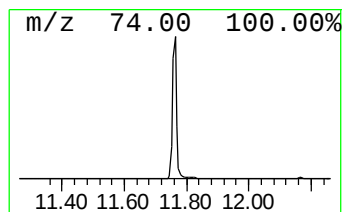
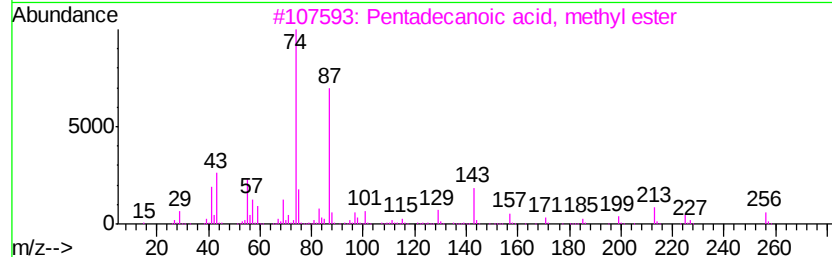
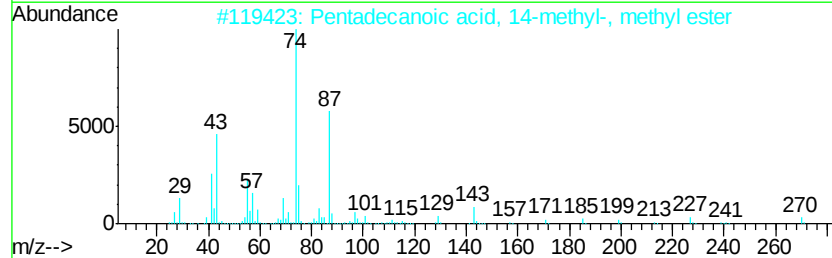
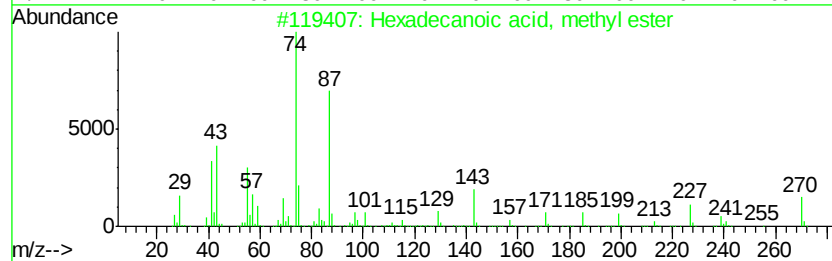
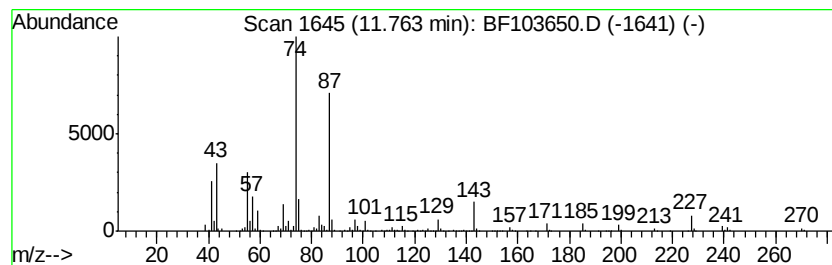
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	54.63 ng	1841960	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
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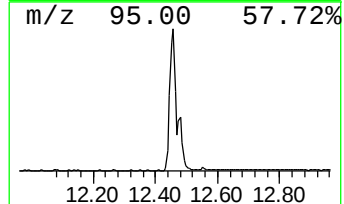
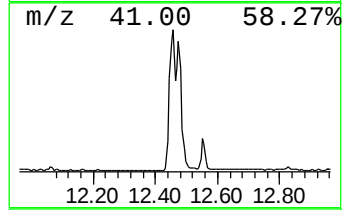
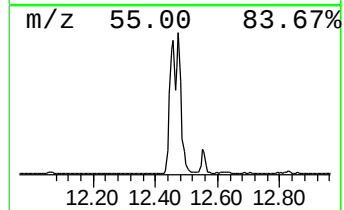
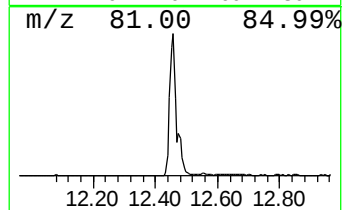
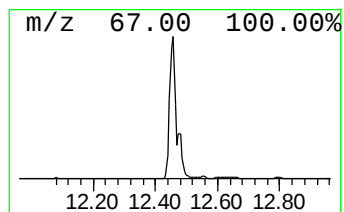
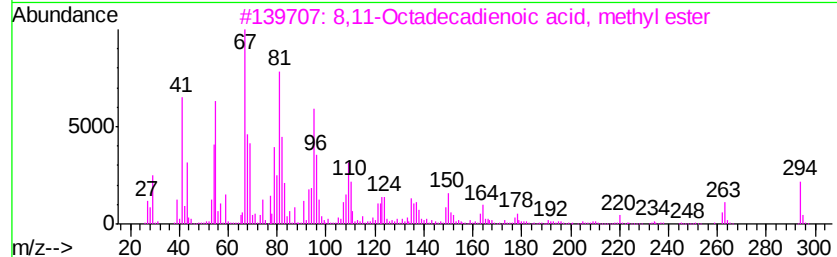
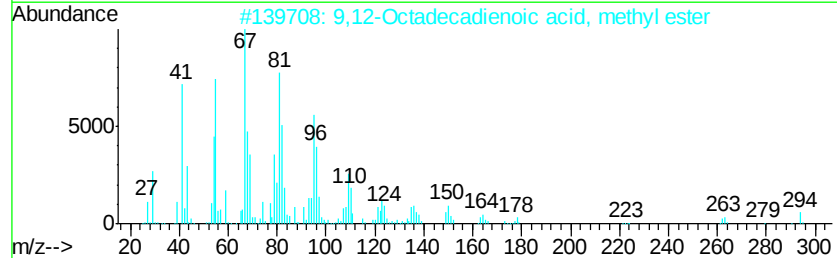
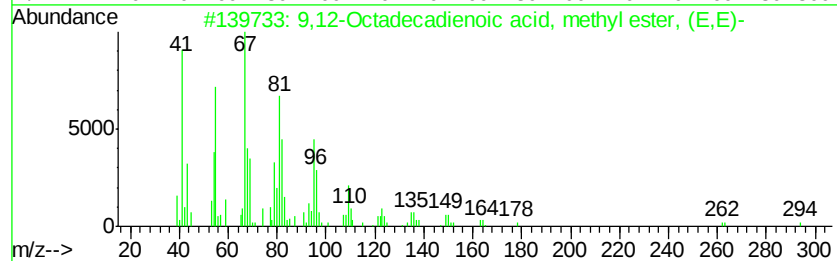
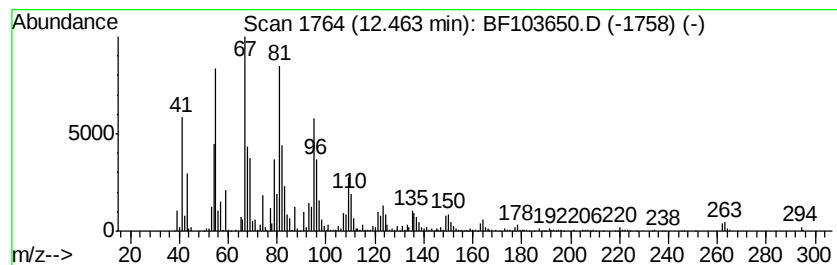
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	170.98 ng	5764720	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



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

Peak Number 13 14-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	86.83 ng	2927670	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	97
5		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94

