

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104697.D
 Acq On : 21 Apr 2018 2:25
 Operator : JU/SJ
 Sample : J2453-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-15 0.5-1.0

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-BF040618.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	5.004	493	496	504	rBV	83217	102455	4.60%	0.489%
2	5.422	562	567	580	rBV	1599263	1570915	70.58%	7.495%
3	6.439	735	740	755	rBV	1833606	1672820	75.15%	7.982%
4	6.575	759	763	766	rBV	2132142	1832902	82.35%	8.745%
5	6.804	798	802	805	rBV	825907	675393	30.34%	3.223%
6	6.957	824	828	832	rBV	2079576	1848588	83.05%	8.820%
7	7.369	893	898	901	rBV	1561887	1364295	61.29%	6.510%
8	8.063	1010	1016	1017	rBV	24253	28610	1.29%	0.137%
9	8.086	1017	1020	1025	rVB	1029543	811929	36.48%	3.874%
10	8.492	1085	1089	1102	rBV2	35065	79686	3.58%	0.380%
11	9.163	1199	1203	1206	rBV	2653569	2225845	100.00%	10.620%
12	9.233	1213	1215	1218	rVB	48767	41084	1.85%	0.196%
13	9.427	1245	1248	1252	rBV2	22020	26536	1.19%	0.127%
14	9.498	1256	1260	1263	rBV3	27269	32339	1.45%	0.154%
15	9.557	1267	1270	1273	rBV	185714	162343	7.29%	0.775%
16	9.769	1302	1306	1310	rVB	111903	97142	4.36%	0.463%
17	9.839	1315	1318	1328	rVB	890620	838001	37.65%	3.998%
18	9.945	1333	1336	1341	rBV2	19310	26319	1.18%	0.126%
19	10.039	1347	1352	1356	rVB4	17612	29133	1.31%	0.139%
20	10.086	1356	1360	1364	rBV3	41365	44855	2.02%	0.214%
21	10.186	1374	1377	1379	rBV	32364	27856	1.25%	0.133%
22	10.263	1384	1390	1393	rBV	179716	188612	8.47%	0.900%
23	10.486	1422	1428	1434	rBV2	46068	81994	3.68%	0.391%
24	10.604	1446	1448	1450	rBV2	31566	25962	1.17%	0.124%
25	10.633	1450	1453	1463	rVB	730606	713816	32.07%	3.406%
26	10.739	1468	1471	1476	rBV	225611	210168	9.44%	1.003%
27	11.133	1534	1538	1541	rBV5	24684	31350	1.41%	0.150%
28	11.186	1544	1547	1550	rVV	184627	156192	7.02%	0.745%
29	11.221	1550	1553	1558	rVB4	29124	51034	2.29%	0.244%
30	11.333	1568	1572	1574	rBV	757824	730620	32.82%	3.486%
31	11.351	1574	1575	1582	rVB	112455	108532	4.88%	0.518%
32	11.498	1597	1600	1604	rBV4	26329	39940	1.79%	0.191%
33	11.616	1617	1620	1624	rVB	161118	133953	6.02%	0.639%
34	11.663	1624	1628	1633	rBV2	39609	46879	2.11%	0.224%

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Integration Parameters: rteint.p
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 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.786	1645	1649	1654	rBV7	18385	26388	1.19%	0.126%
36	11.833	1654	1657	1659	rVV	64792	62997	2.83%	0.301%
37	11.857	1659	1661	1666	rVB	89507	93902	4.22%	0.448%
38	11.939	1672	1675	1677	rBV2	49229	45594	2.05%	0.218%
39	11.963	1677	1679	1684	rVB	53857	55462	2.49%	0.265%
40	12.021	1685	1689	1694	rBV	144384	132199	5.94%	0.631%
41	12.127	1703	1707	1710	rBV3	35935	45729	2.05%	0.218%
42	12.274	1726	1732	1735	rBV4	33522	54333	2.44%	0.259%
43	12.380	1746	1750	1753	rBV2	61628	60868	2.73%	0.290%
44	12.410	1753	1755	1758	rVV2	113931	98449	4.42%	0.470%
45	12.468	1762	1765	1769	rBV2	23455	27545	1.24%	0.131%
46	12.545	1775	1778	1783	rBV	84757	79080	3.55%	0.377%
47	12.774	1812	1817	1823	rBV2	119190	176521	7.93%	0.842%
48	12.833	1823	1827	1829	rVB2	28371	31895	1.43%	0.152%
49	12.915	1837	1841	1845	rBV	1785478	1680948	75.52%	8.020%
50	13.092	1866	1871	1874	rVB5	14906	28173	1.27%	0.134%
51	13.139	1875	1879	1882	rBV	49474	48675	2.19%	0.232%
52	13.210	1887	1891	1895	rVV	36135	42111	1.89%	0.201%
53	13.298	1904	1906	1909	rBV	27462	27287	1.23%	0.130%
54	13.486	1934	1938	1941	rVB	35212	36486	1.64%	0.174%
55	13.774	1983	1987	1990	rBV	116390	132684	5.96%	0.633%
56	13.809	1990	1993	2000	rVB2	247469	267883	12.04%	1.278%
57	13.974	2017	2021	2024	rBV	727226	686659	30.85%	3.276%
58	14.068	2033	2037	2041	rVB6	32019	40586	1.82%	0.194%
59	14.133	2044	2048	2053	rVB3	34718	50528	2.27%	0.241%
60	14.368	2083	2088	2091	rBV	25545	35746	1.61%	0.171%
61	14.439	2097	2100	2107	rBV4	46640	63682	2.86%	0.304%
62	14.745	2149	2152	2155	rVB2	34226	35822	1.61%	0.171%
63	14.815	2162	2164	2168	rVB	47140	49782	2.24%	0.238%
64	15.015	2195	2198	2201	rBV	32212	45101	2.03%	0.215%
65	15.080	2206	2209	2212	rVB2	25473	29118	1.31%	0.139%
66	15.315	2247	2249	2253	rVB	29480	29740	1.34%	0.142%
67	15.380	2256	2260	2265	rVB	24819	38514	1.73%	0.184%
68	15.445	2266	2271	2281	rVB	400054	539859	24.25%	2.576%

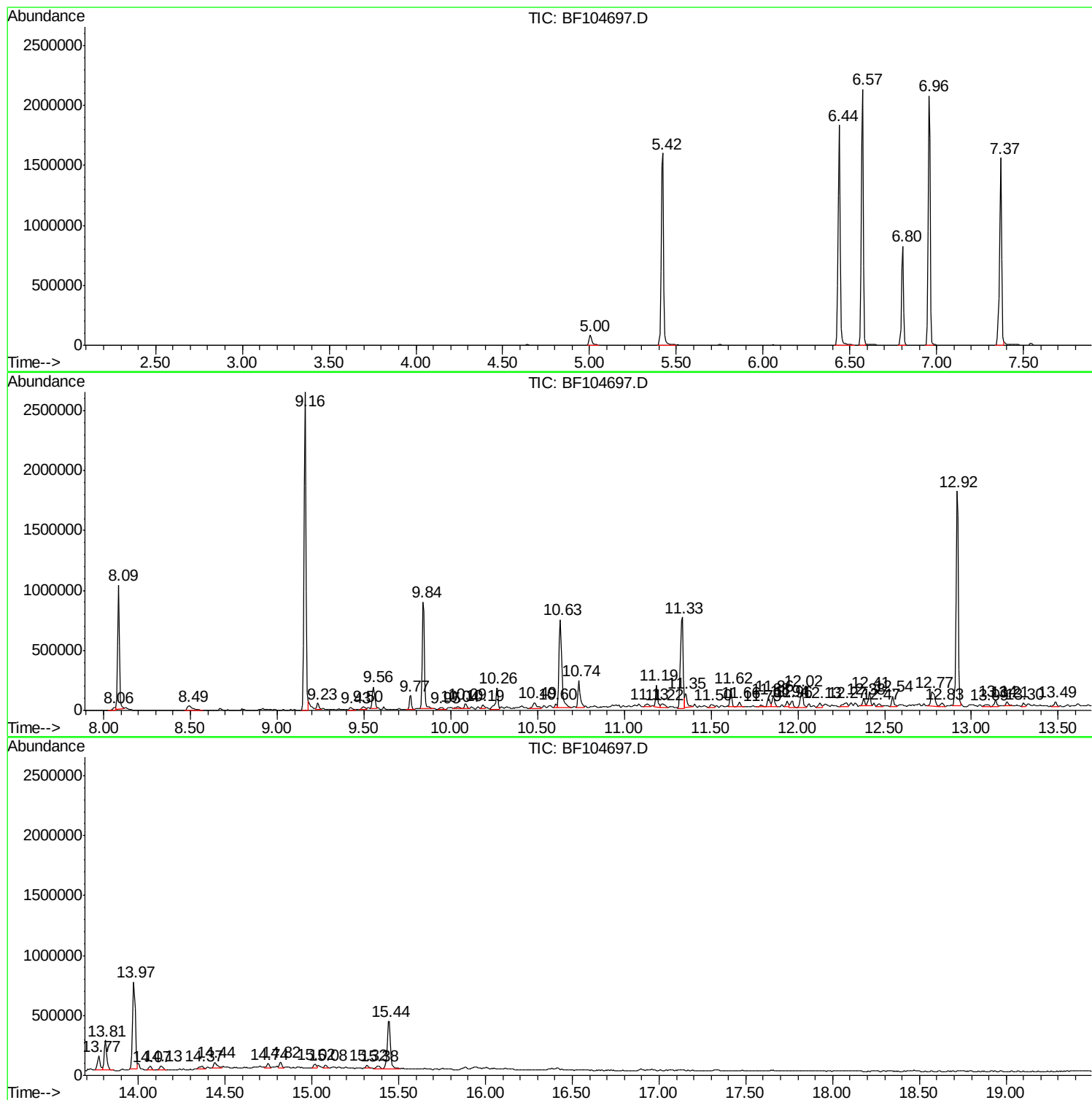
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ClientSampled :
T-15 0.5-1.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.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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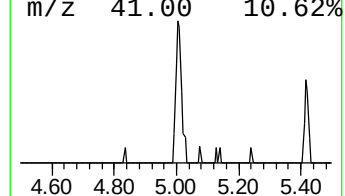
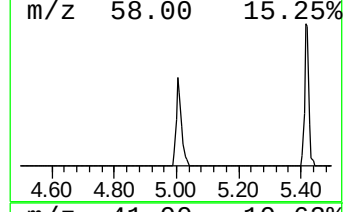
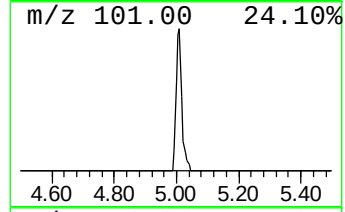
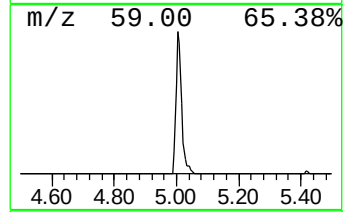
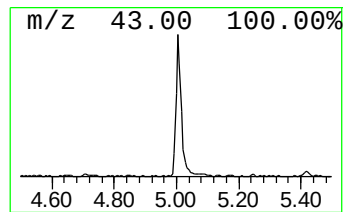
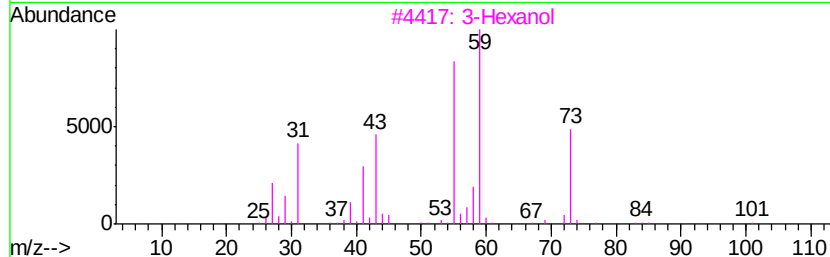
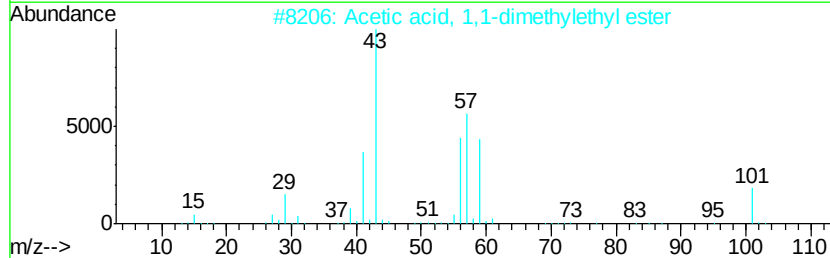
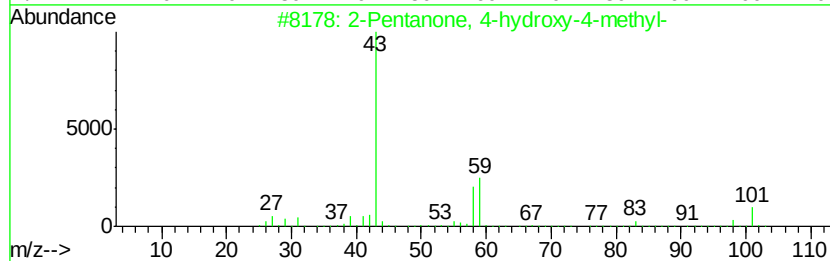
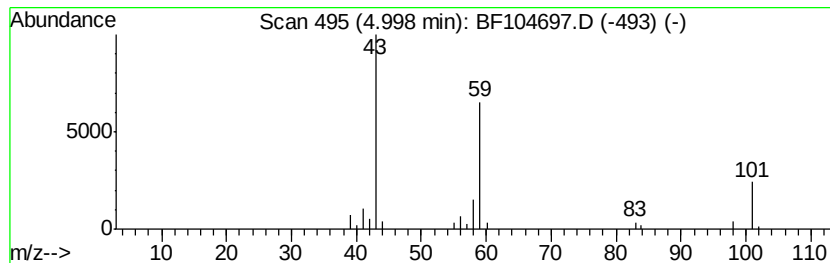
Instrument :
BNA_F
ClientSampleId :
T-15 0.5-1.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.00	3.03 ng	102455	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25



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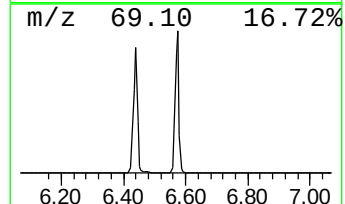
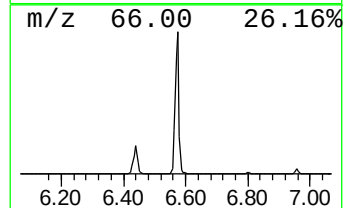
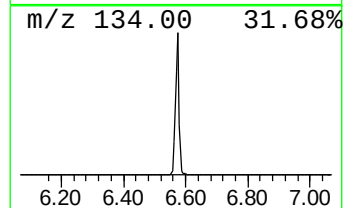
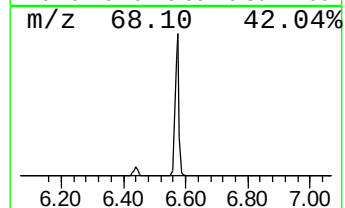
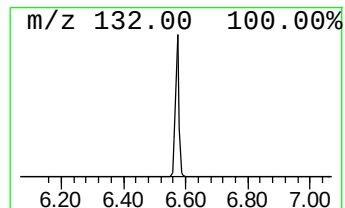
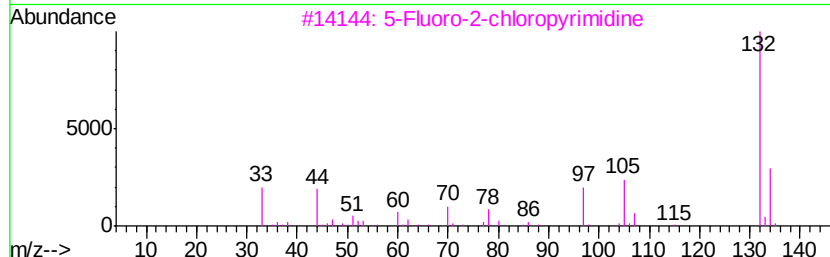
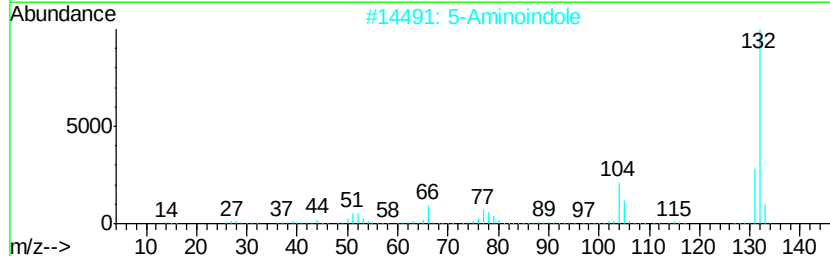
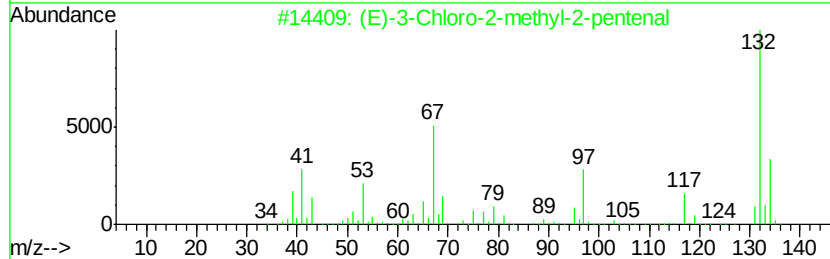
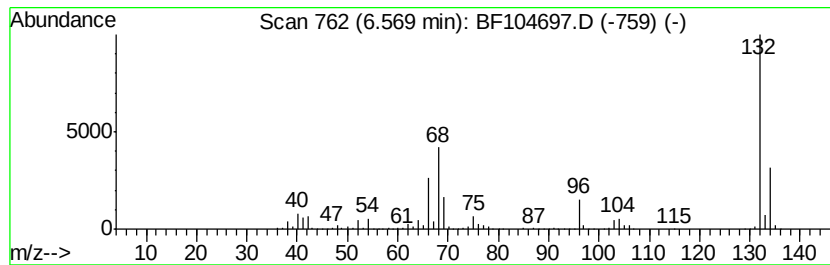
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	54.28 ng	1832900	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopentadipyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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T-15 0.5-1.0

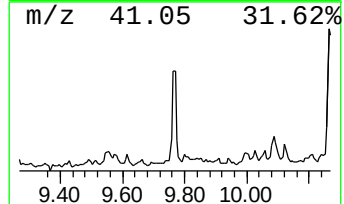
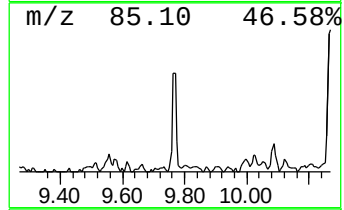
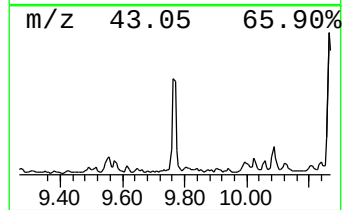
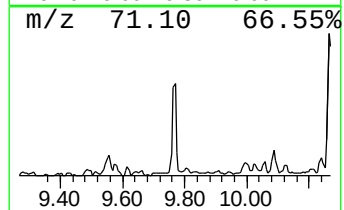
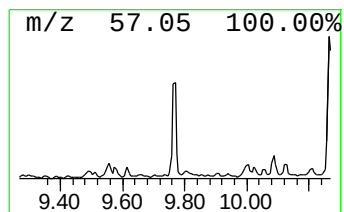
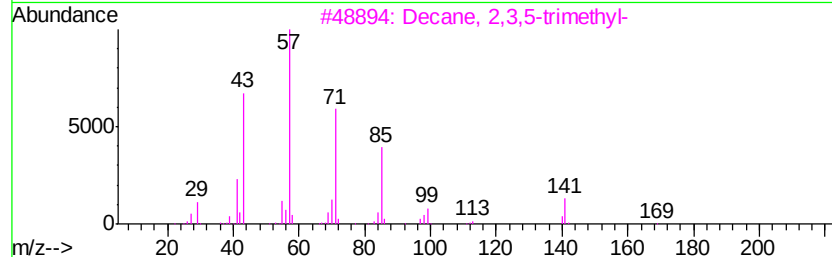
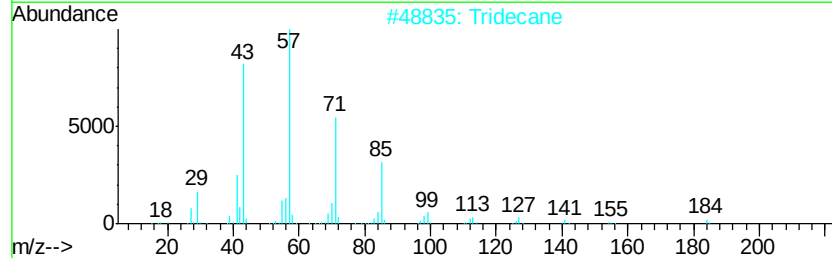
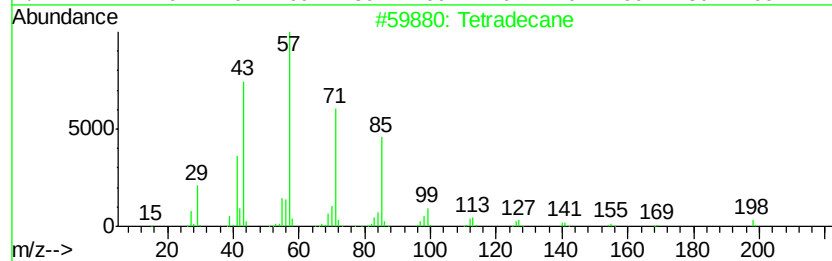
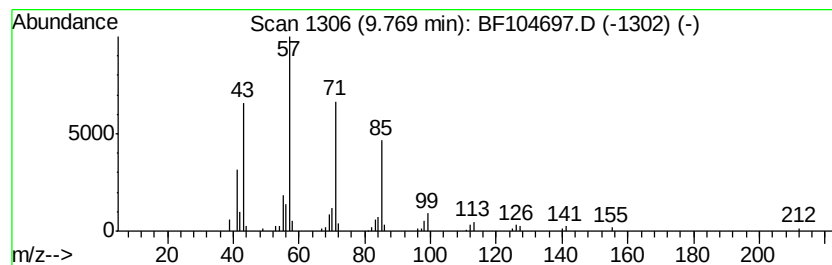
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.32 ng	97142	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Pentadecane	212	C15H32	000629-62-9	76



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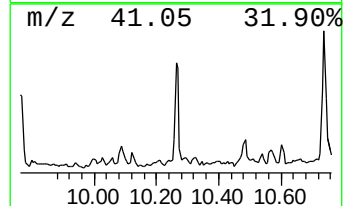
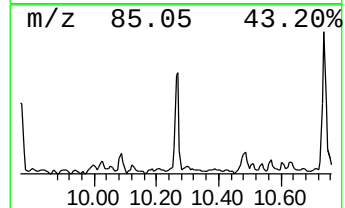
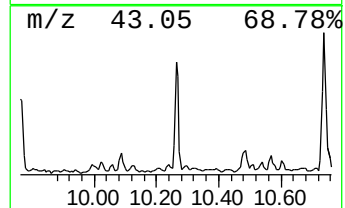
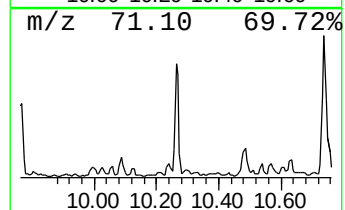
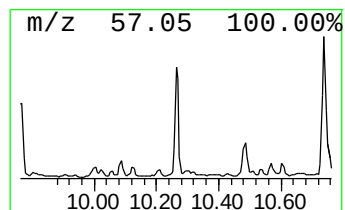
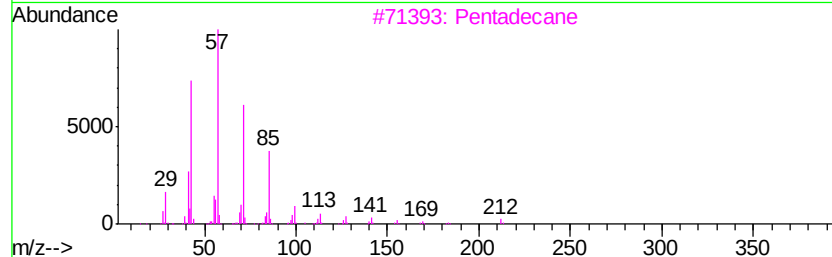
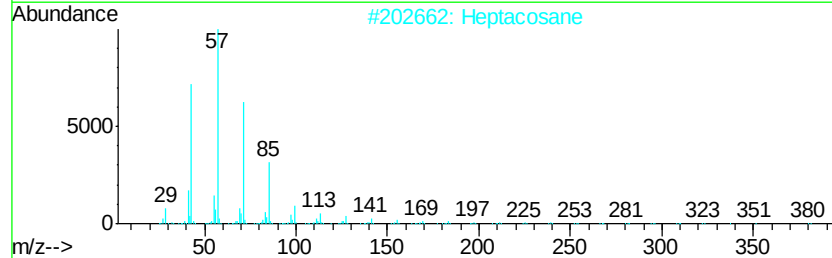
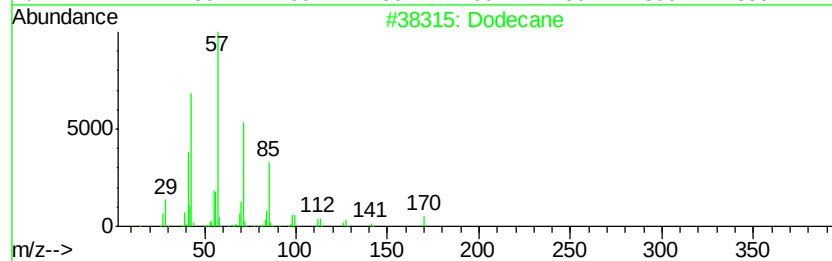
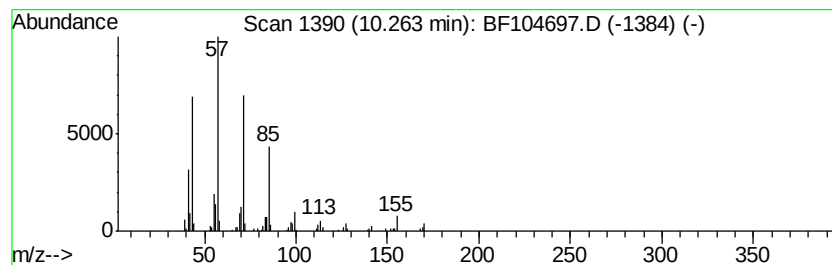
Instrument :
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T-15 0.5-1.0

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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.26	4.50 ng	188612	Acenaphthene-d10		9.84
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexadecane	226	C16H34	000544-76-3	86



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T-15 0.5-1.0

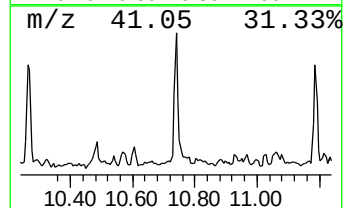
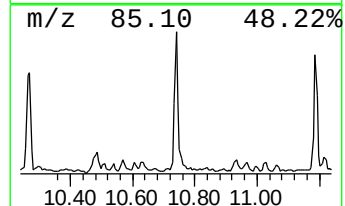
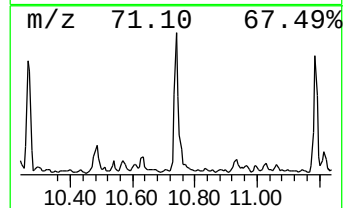
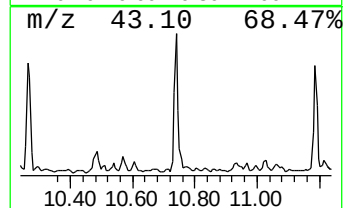
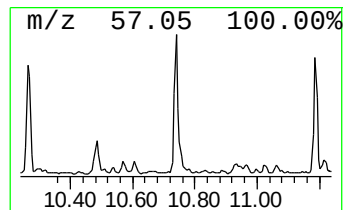
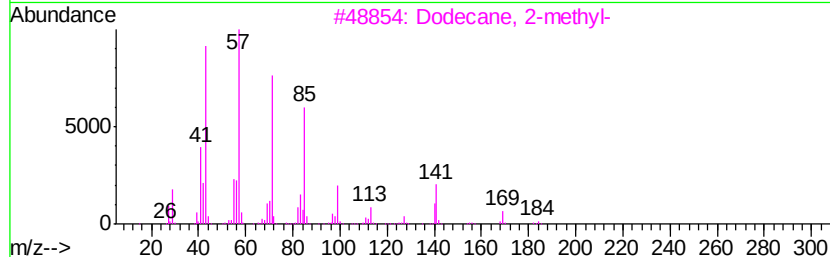
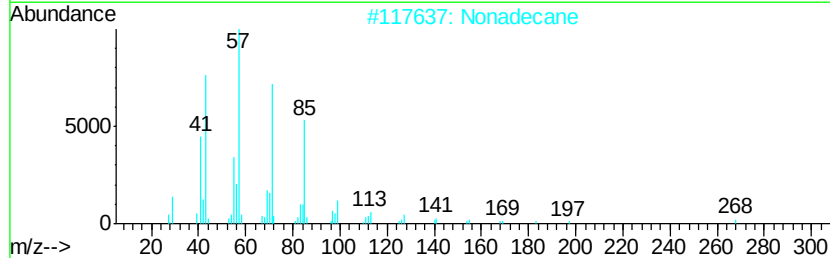
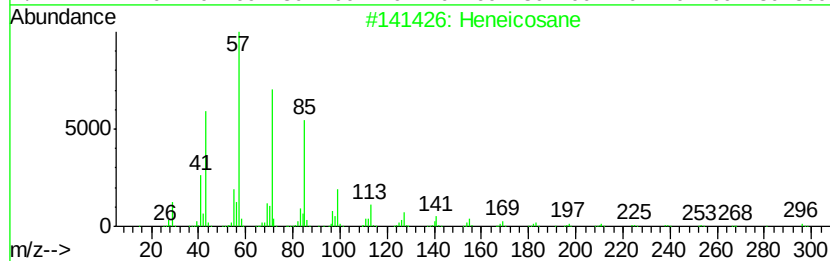
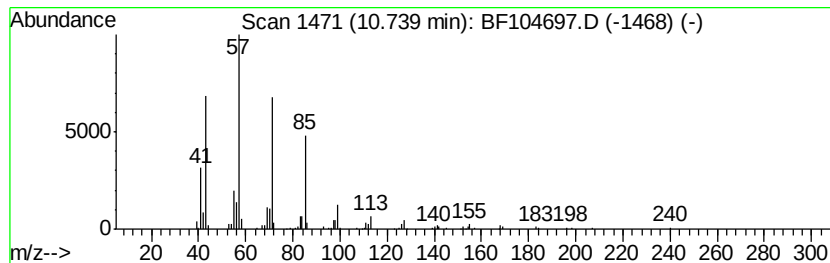
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.75 ng	210168	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonadecane		268	C19H40	000629-92-5	90
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	90
4	Heptadecane		240	C17H36	000629-78-7	90
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104697.D
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Sample : J2453-17
Misc :
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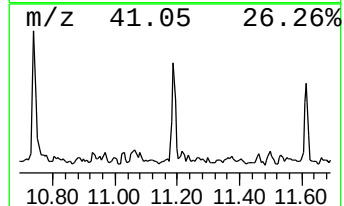
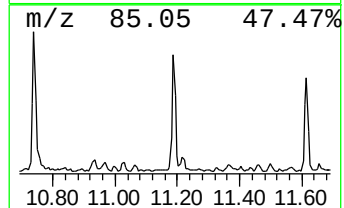
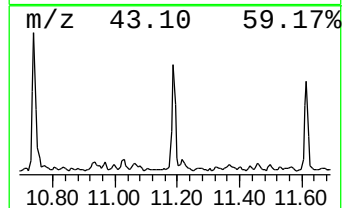
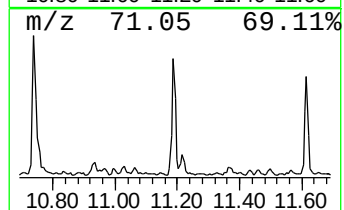
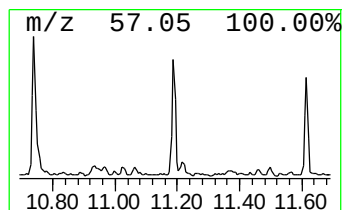
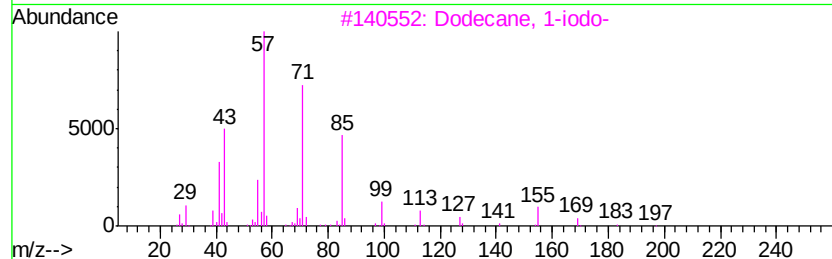
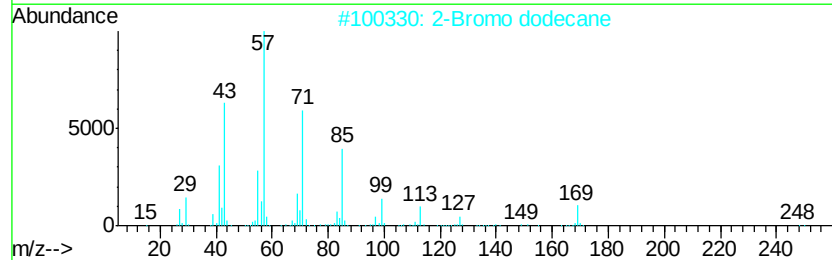
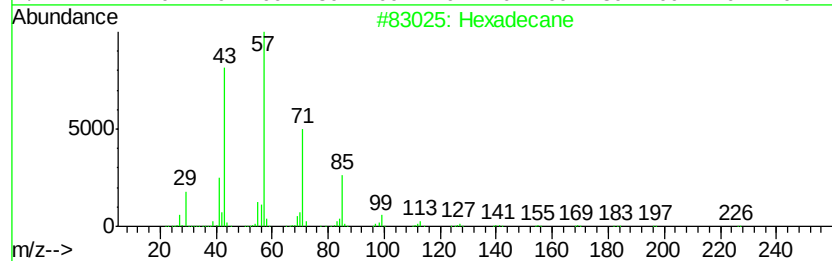
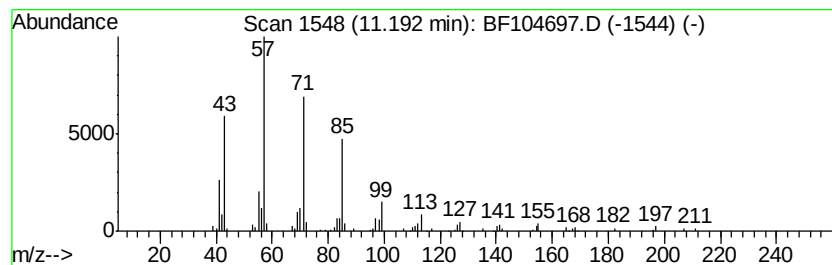
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.19	4.28 ng	156192	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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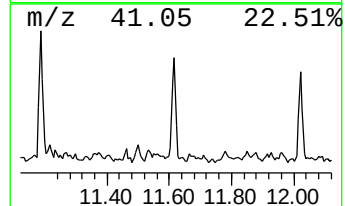
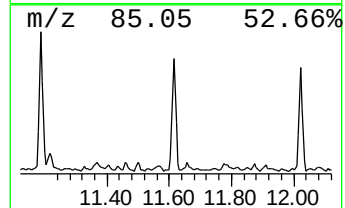
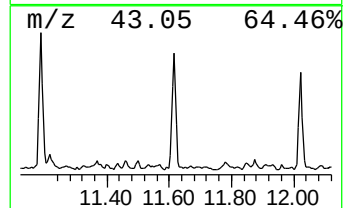
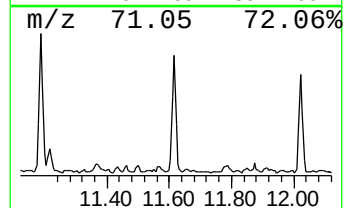
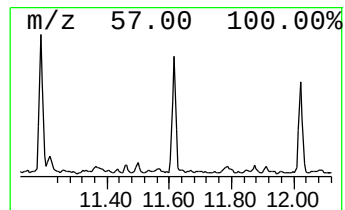
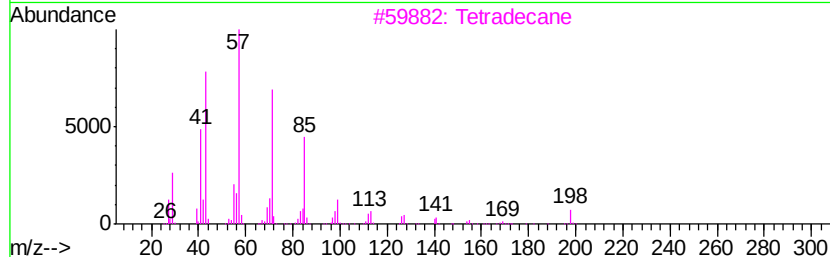
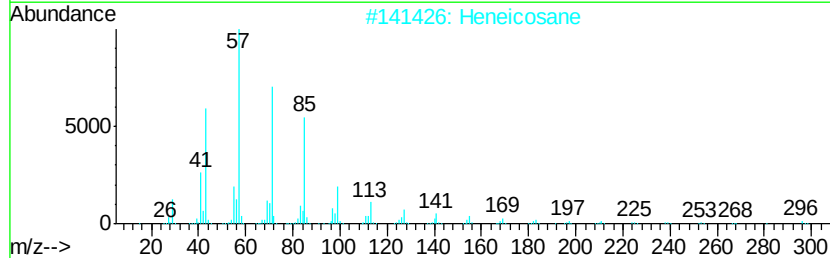
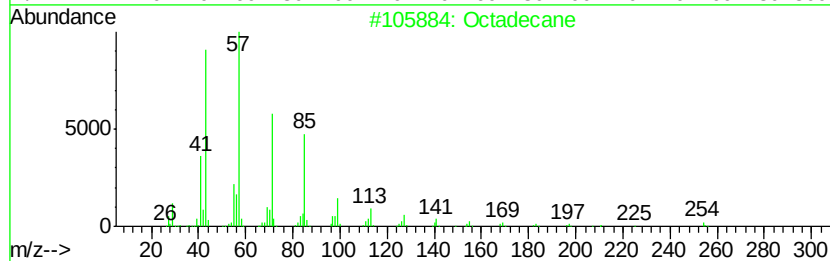
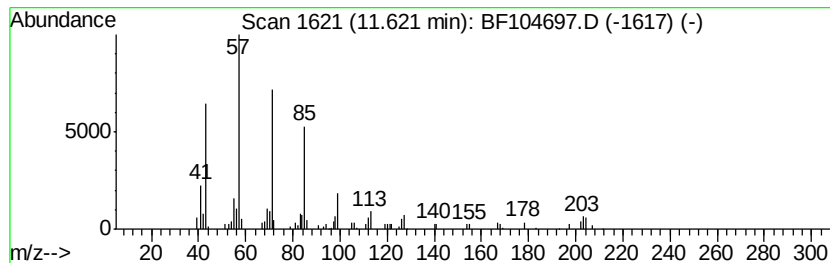
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.67 ng	133953	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Sample : J2453-17
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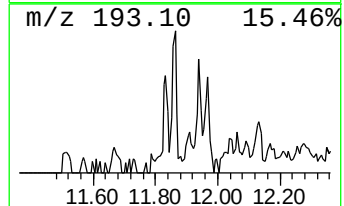
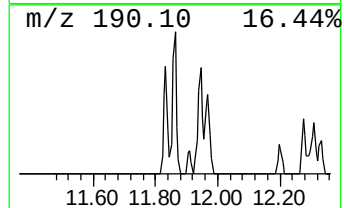
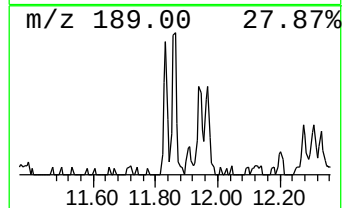
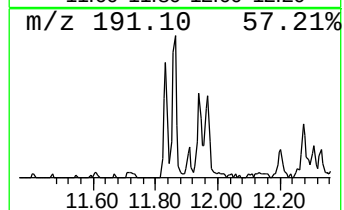
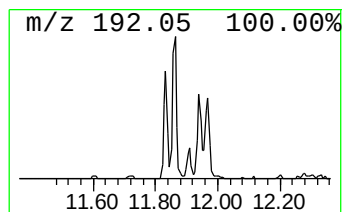
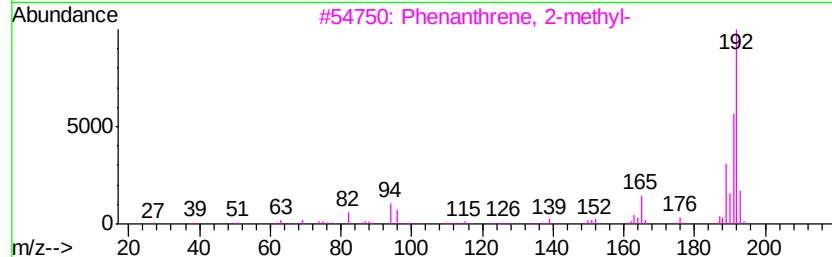
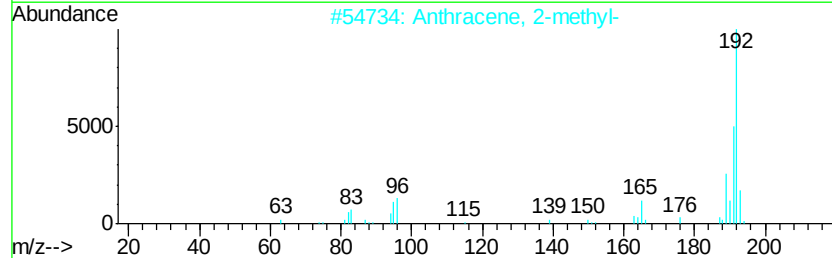
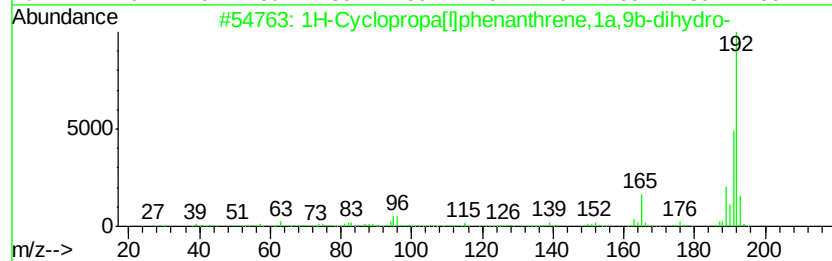
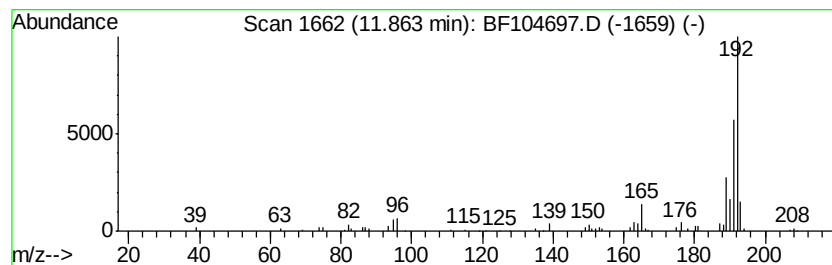
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.86	2.57 ng	93902	Phenanthrene-d10		11.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
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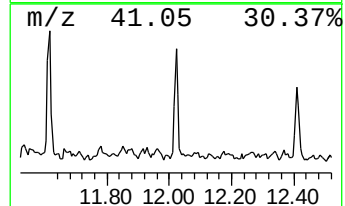
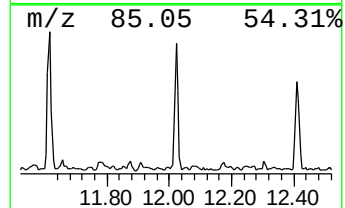
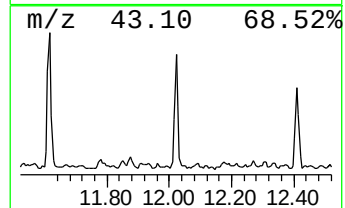
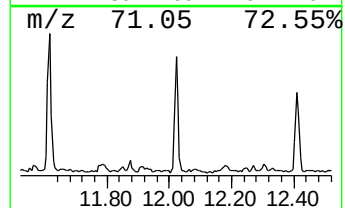
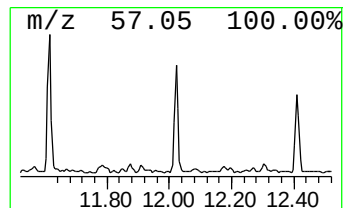
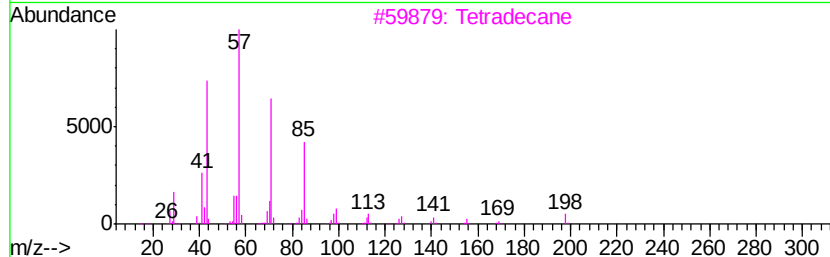
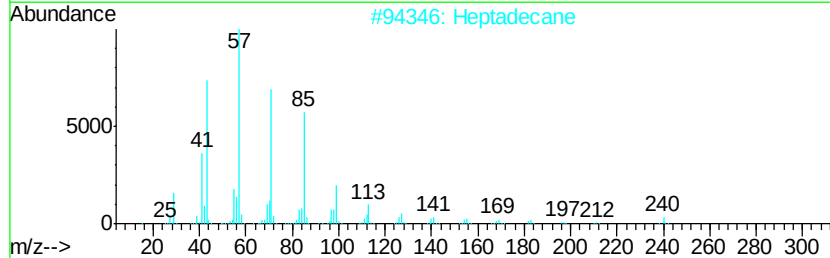
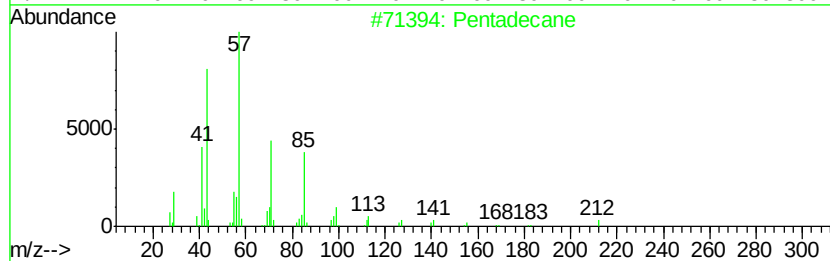
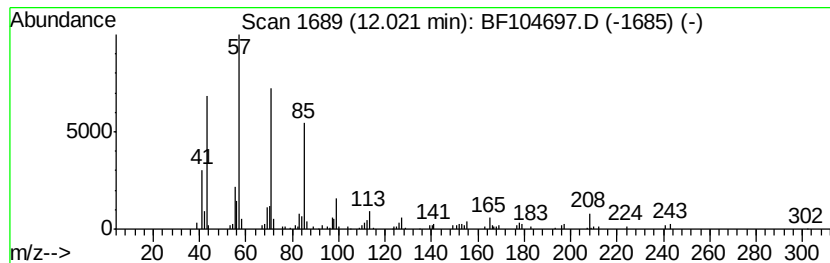
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.62 ng	132199	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Tetradecane	198	C14H30	000629-59-4	83
4		Octadecane	254	C18H38	000593-45-3	83
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	83



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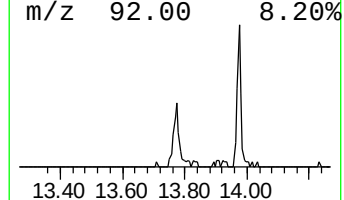
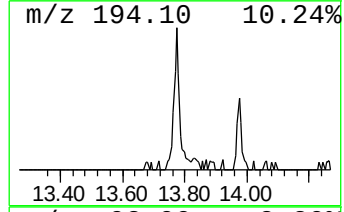
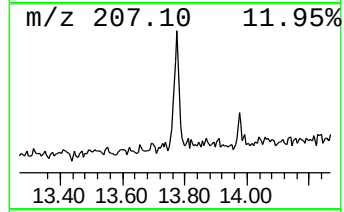
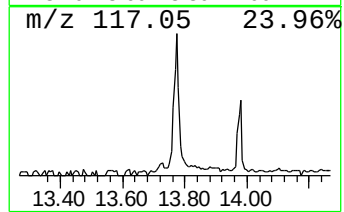
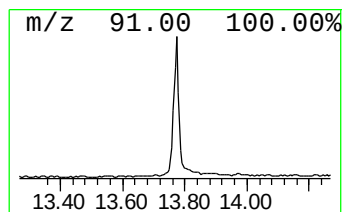
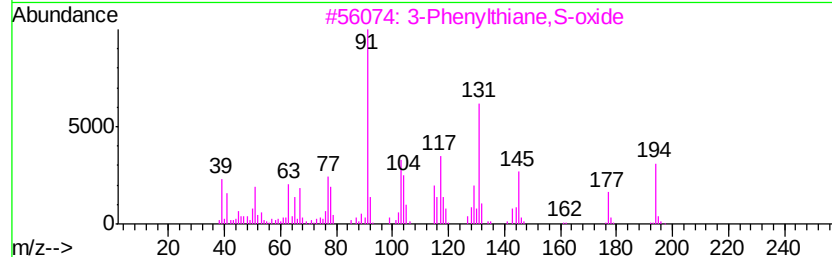
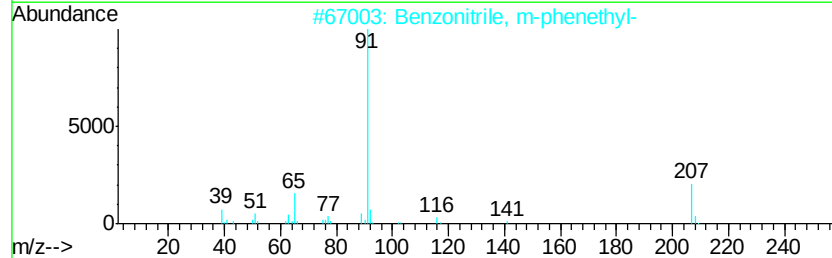
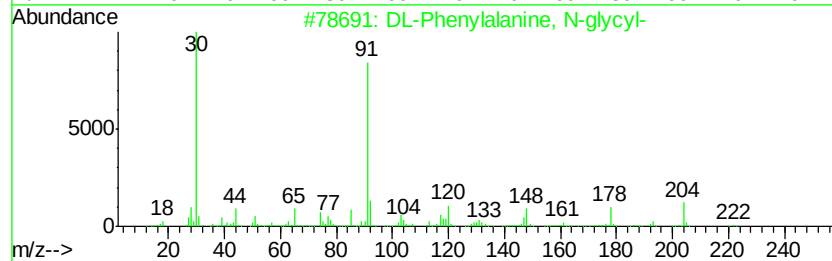
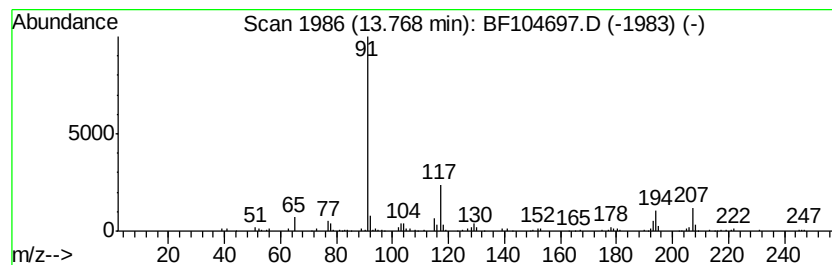
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.86 ng	132684	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			DL-Phenylalanine, N-glycyl-	222	C11H14N2O3	000721-66-4	25
2			Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	10
3			3-Phenylthiane,S-oxide	194	C11H14OS	058121-26-9	10
4			2,3-Butanediol, 1,4-bis[(benzylol...	388	C20H24N2O6	1000163-34-1	10
5			Propanedioic acid, [methyl(pheny...	279	C15H21NO4	001032-02-6	10



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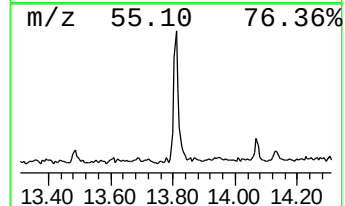
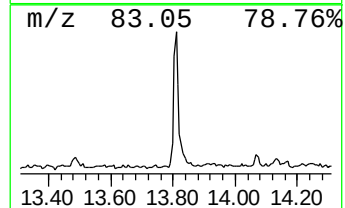
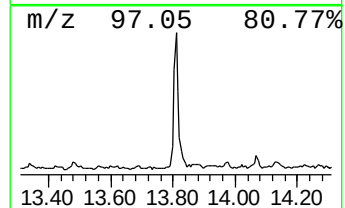
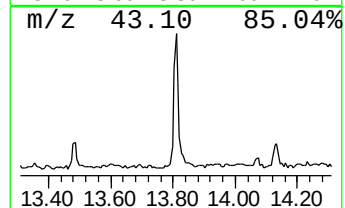
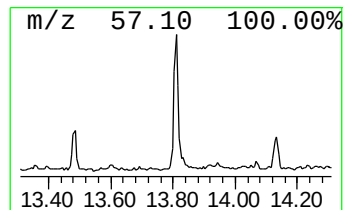
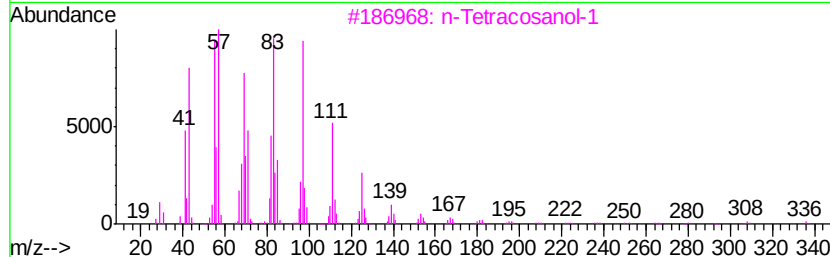
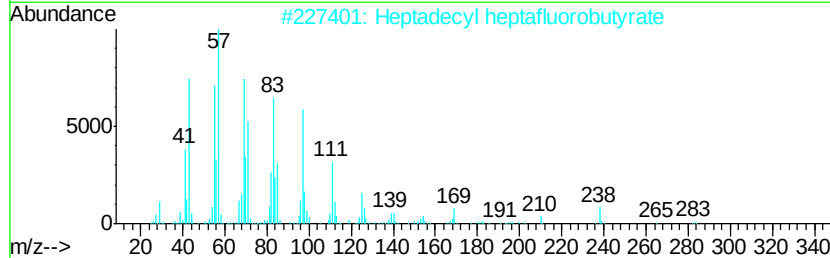
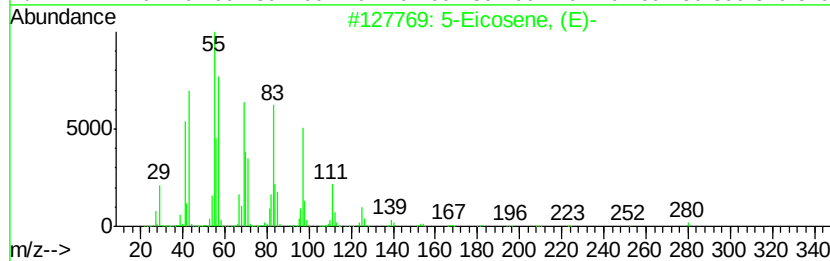
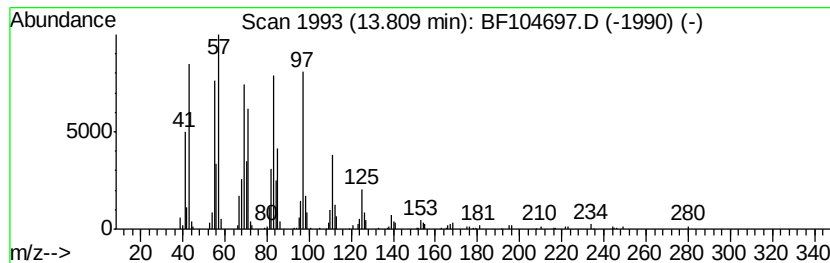
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.80 ng	267883	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93



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 ClientSampleId :
 T-15 0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.00	3.0	ng	102455	1	6.80	675393	20.0
unknown6.57	6.57	54.3	ng	1832900	1	6.80	675393	20.0
Tetradecane	9.77	2.3	ng	97142	3	9.84	838001	20.0
Dodecane	10.26	4.5	ng	188612	3	9.84	838001	20.0
Heneicosane	10.74	5.8	ng	210168	4	11.33	730620	20.0
Hexadecane	11.19	4.3	ng	156192	4	11.33	730620	20.0
Octadecane	11.62	3.7	ng	133953	4	11.33	730620	20.0
1H-Cyclopropa[l]p...	11.86	2.6	ng	93902	4	11.33	730620	20.0
Pentadecane	12.02	3.6	ng	132199	4	11.33	730620	20.0
unknown13.77	13.77	3.9	ng	132684	5	13.97	686659	20.0
5-Eicosene, (E)-	13.81	7.8	ng	267883	5	13.97	686659	20.0