

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103582.D
 Acq On : 12 Mar 2018 15:20
 Operator : SJ/JU
 Sample : J1876-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-01-03

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	5.075	505	508	529	rBV	240846	407958	14.68%	1.708%
2	5.498	576	580	613	rBV	389267	1261815	45.40%	5.282%
3	6.504	747	751	769	rBV	1484076	2779043	100.00%	11.633%
4	6.634	769	773	790	rVB	1720403	2349397	84.54%	9.835%
5	6.857	808	811	832	rVB	611214	853934	30.73%	3.575%
6	7.010	833	837	862	rVB	1856916	2141019	77.04%	8.962%
7	7.428	904	908	928	rBV	1189439	1864134	67.08%	7.803%
8	7.581	931	934	939	rVB	29571	35212	1.27%	0.147%
9	8.139	1026	1029	1050	rBV	823948	1165205	41.93%	4.878%
10	9.210	1208	1211	1220	rBV	2516001	2737137	98.49%	11.458%
11	9.275	1220	1222	1228	rVV	60440	88777	3.19%	0.372%
12	9.322	1228	1230	1238	rVB3	19515	31590	1.14%	0.132%
13	9.610	1273	1279	1285	rBV	178065	213743	7.69%	0.895%
14	9.810	1310	1313	1317	rBV	102008	86439	3.11%	0.362%
15	9.898	1324	1328	1340	rBV	1112129	1130715	40.69%	4.733%
16	10.127	1364	1367	1372	rBV4	22472	28747	1.03%	0.120%
17	10.310	1395	1398	1401	rVB	98102	82195	2.96%	0.344%
18	10.527	1429	1435	1438	rBV	34145	45424	1.63%	0.190%
19	10.704	1461	1465	1470	rBV4	71703	99542	3.58%	0.417%
20	10.780	1475	1478	1487	rVB	109359	127182	4.58%	0.532%
21	11.233	1551	1555	1557	rBV	68966	63903	2.30%	0.267%
22	11.392	1579	1582	1586	rBV	801733	927565	33.38%	3.883%
23	11.480	1594	1597	1605	rVB	28335	42304	1.52%	0.177%
24	11.657	1624	1627	1630	rBV	49326	37920	1.36%	0.159%
25	11.904	1665	1669	1672	rBV4	43215	56643	2.04%	0.237%
26	11.933	1672	1674	1677	rVB2	36906	34909	1.26%	0.146%
27	12.010	1684	1687	1690	rBV2	35568	40597	1.46%	0.170%
28	12.198	1715	1719	1725	rBV4	18644	30484	1.10%	0.128%
29	12.451	1759	1762	1765	rBV2	44956	50612	1.82%	0.212%
30	12.616	1786	1790	1798	rBV	283883	314210	11.31%	1.315%
31	12.851	1823	1830	1835	rBV	283627	386022	13.89%	1.616%
32	12.980	1847	1852	1859	rBV	1702961	1766624	63.57%	7.395%
33	13.063	1863	1866	1873	rVB5	20289	38709	1.39%	0.162%
34	13.180	1878	1886	1890	rBV4	44985	88107	3.17%	0.369%

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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

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

35	13.286	1900	1904	1906	rBV2	26301	31595	1.14%	0.132%
36	13.857	1998	2001	2008	rVB2	237274	259503	9.34%	1.086%
37	14.051	2029	2034	2037	rBV2	651856	804959	28.97%	3.370%
38	14.080	2037	2039	2045	rVB	145641	160257	5.77%	0.671%
39	14.163	2051	2053	2060	rVB5	26840	34090	1.23%	0.143%
40	14.486	2105	2108	2111	rBV4	27961	37061	1.33%	0.155%
41	15.121	2212	2216	2225	rBV	133207	307131	11.05%	1.286%
42	15.433	2266	2269	2273	rBV	74742	93422	3.36%	0.391%
43	15.504	2277	2281	2286	rVV	106246	157033	5.65%	0.657%
44	15.562	2286	2291	2303	rVB	372732	596300	21.46%	2.496%

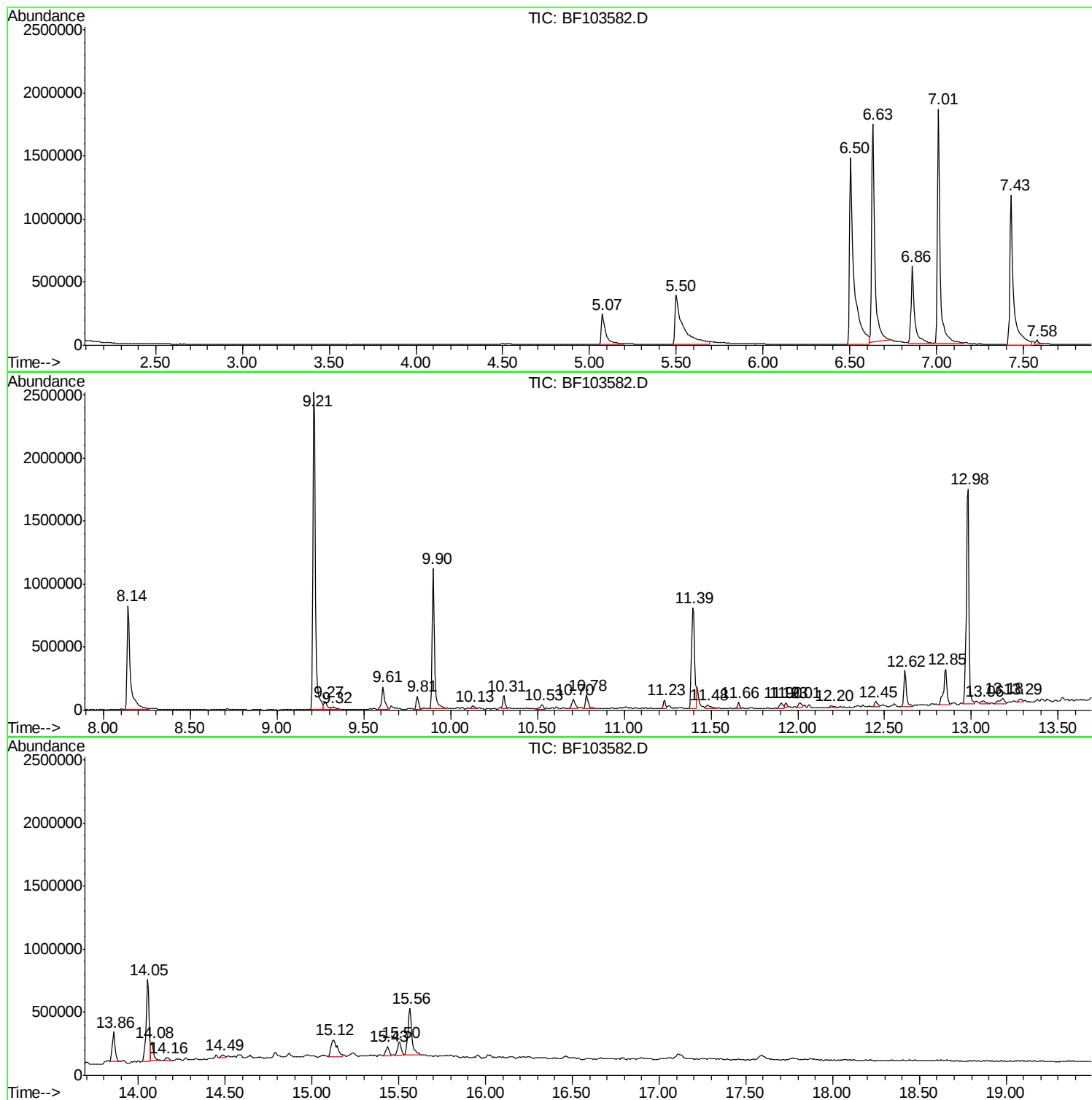
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Instrument :
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ClientSampled :
SB-11-01-03

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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Instrument :
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ClientSampleId :
SB-11-01-03

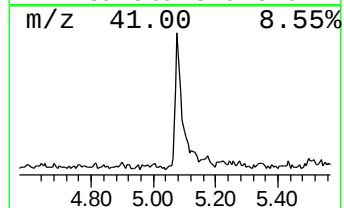
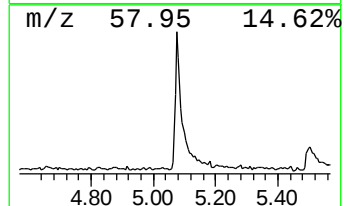
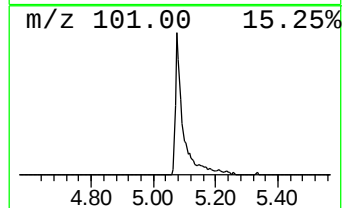
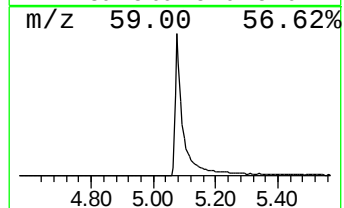
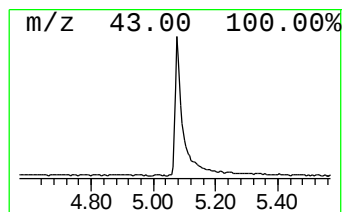
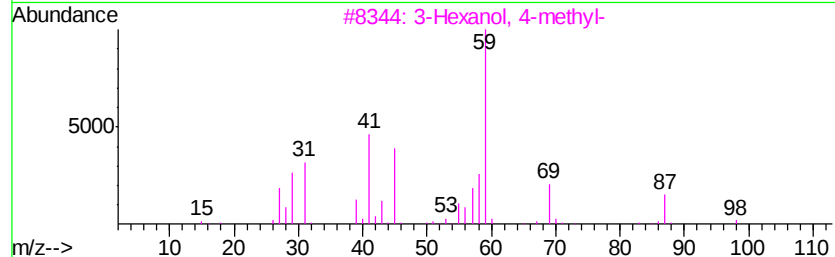
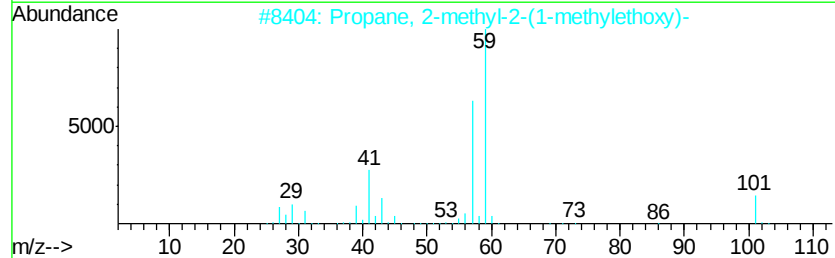
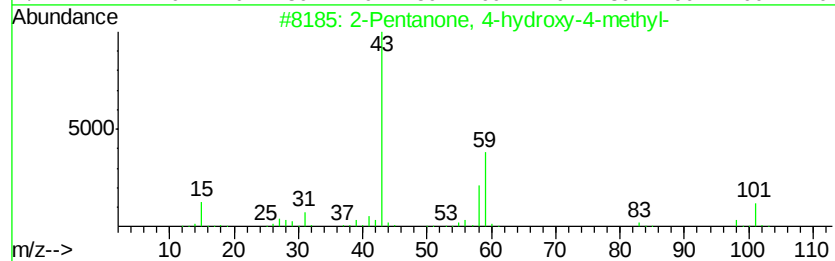
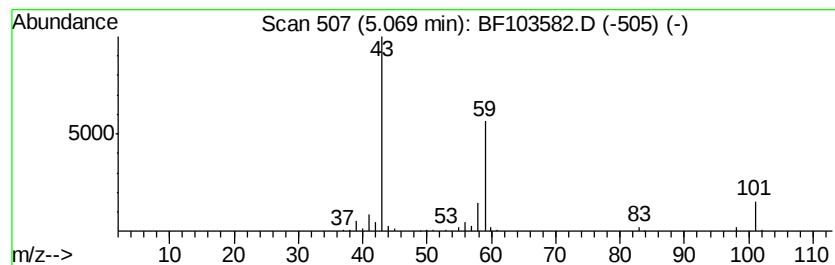
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	9.55 ng	407958	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	72
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			Butane	58	C4H10	000106-97-8	9



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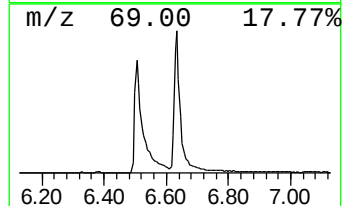
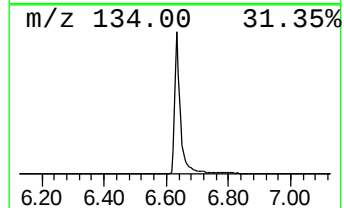
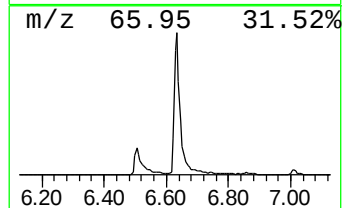
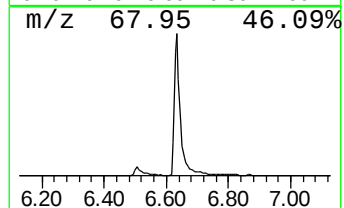
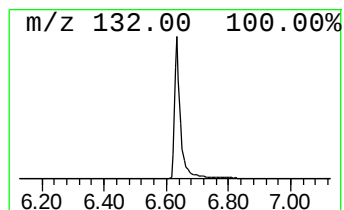
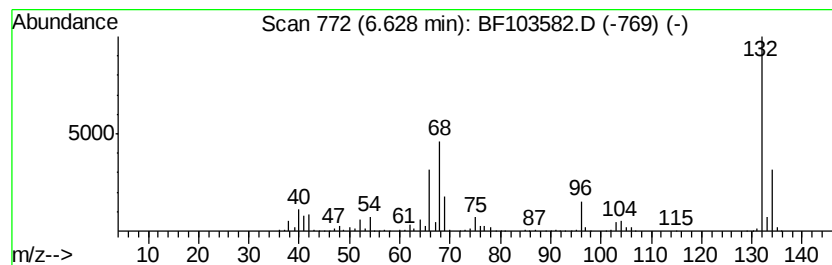
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	55.03 ng	2349400	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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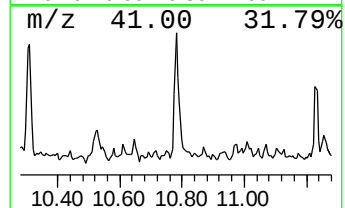
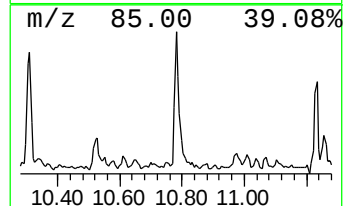
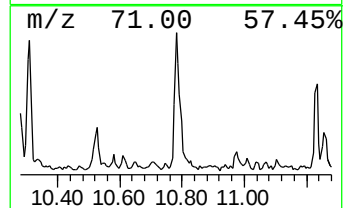
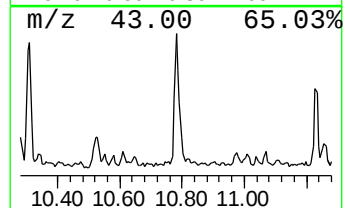
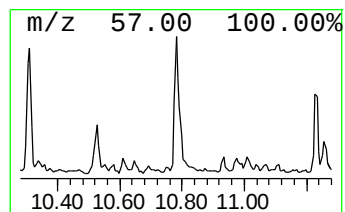
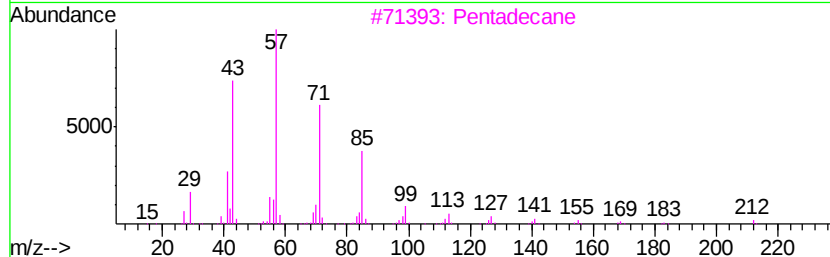
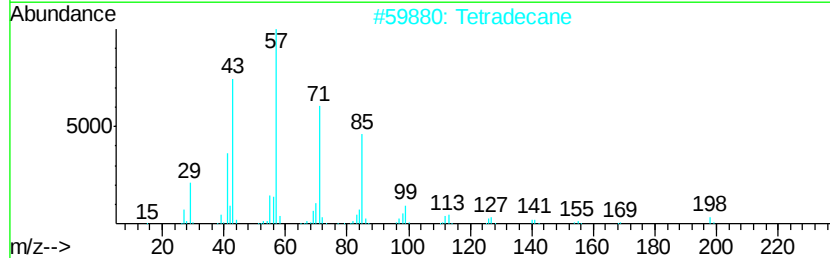
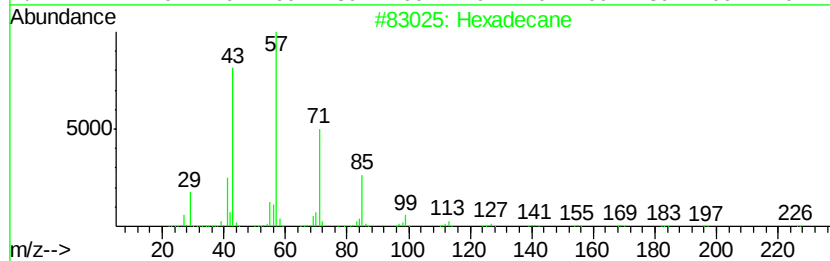
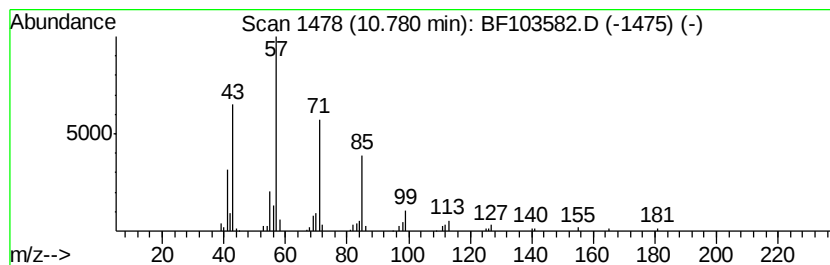
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.78	2.74 ng	127182	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



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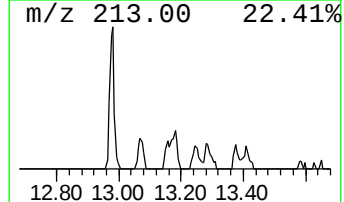
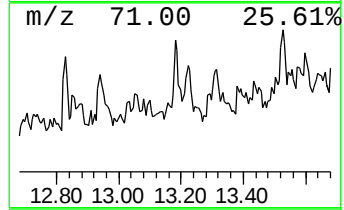
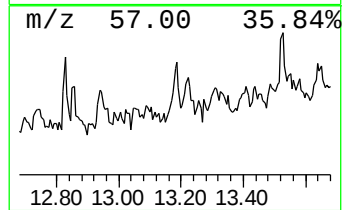
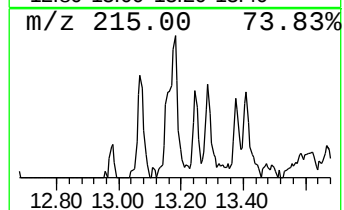
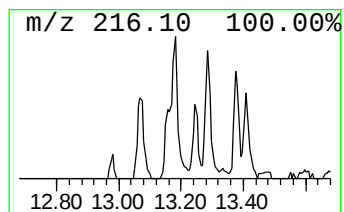
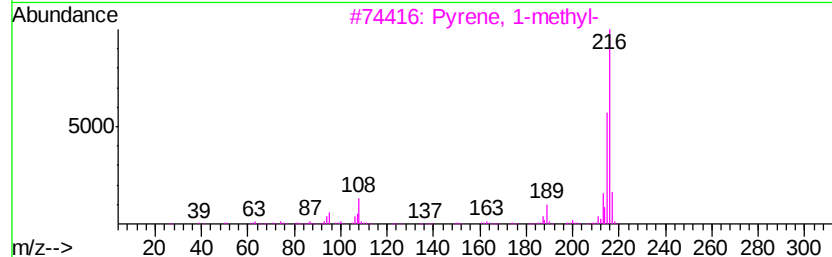
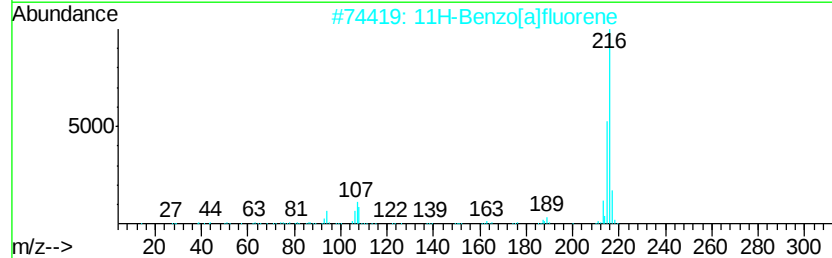
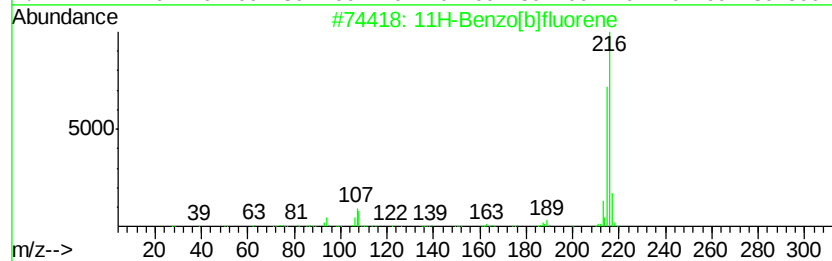
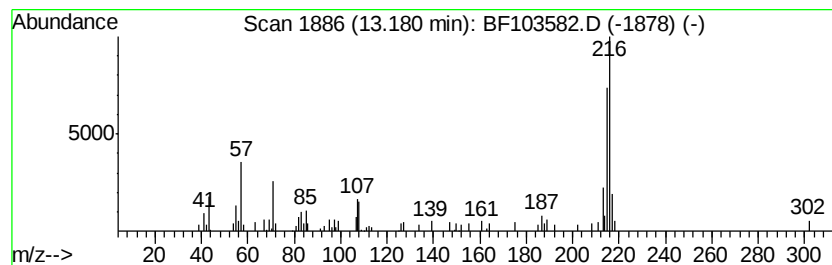
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.19 ng	88107	Chrysene-d12	14.05

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pvrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



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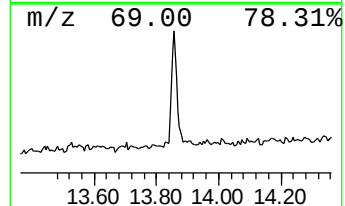
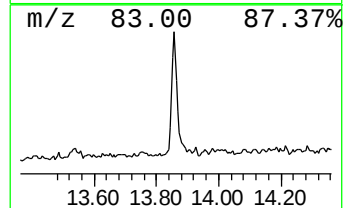
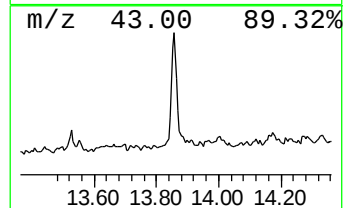
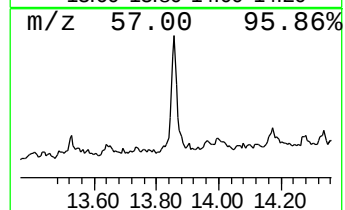
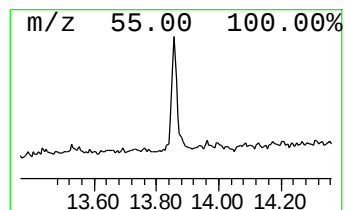
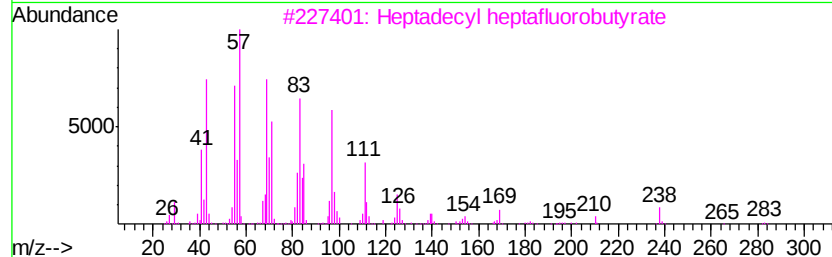
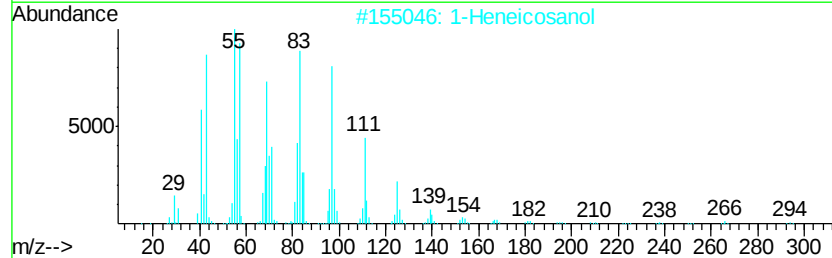
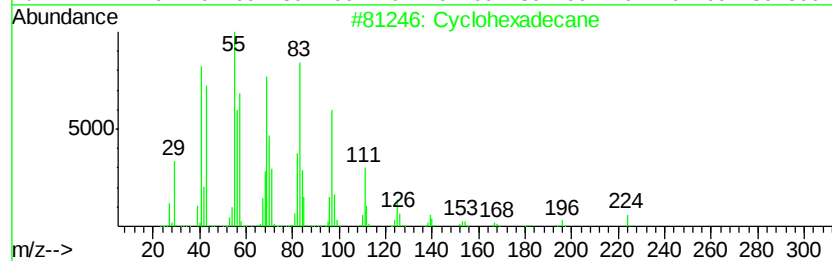
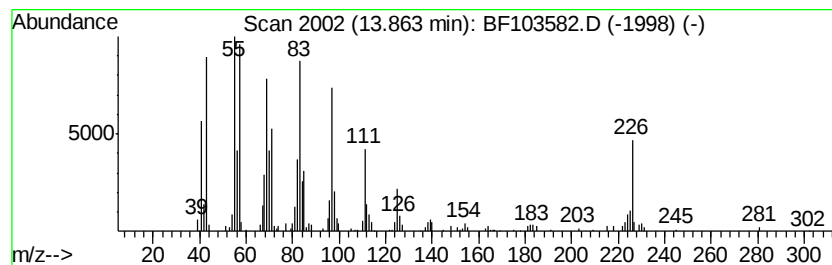
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.86	6.45 ng	259503	Chrysene-d12		14.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexadecane	224	C16H32	000295-65-8	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103582.D
Acq On : 12 Mar 2018 15:20
Operator : SJ/JU
Sample : J1876-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-01-03

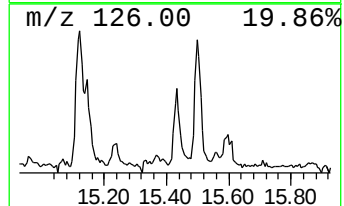
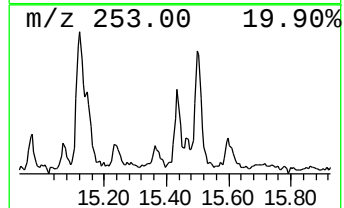
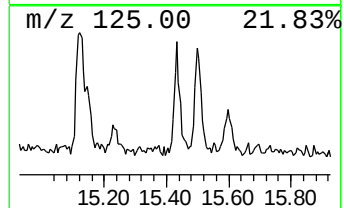
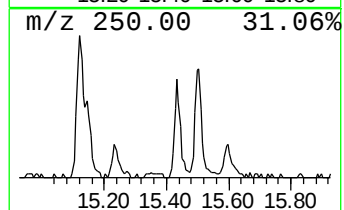
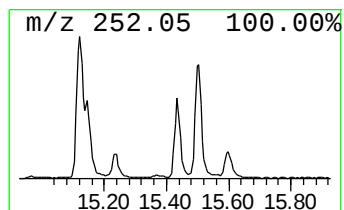
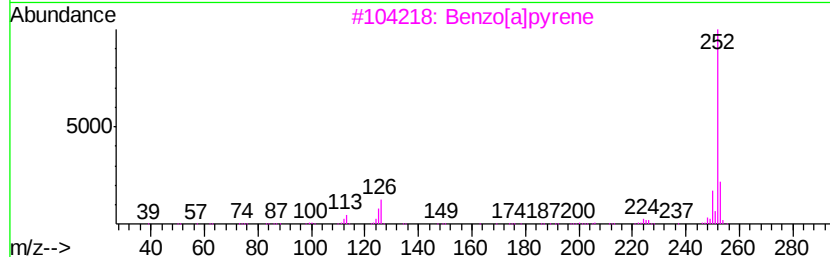
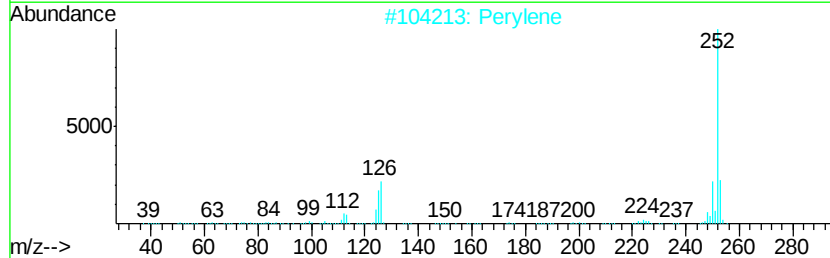
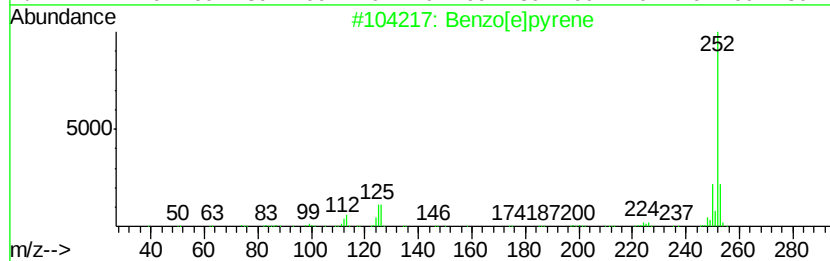
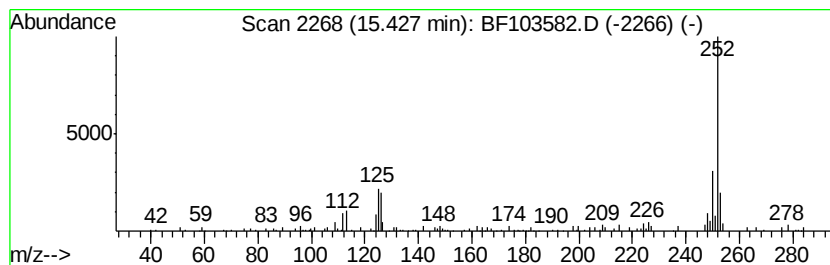
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.13 ng	93422	Perylene-d12	15.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	91
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103582.D
Acq On : 12 Mar 2018 15:20
Operator : SJ/JU
Sample : J1876-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-01-03

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	9.6 ng		407958	1	6.86	853934	20.0
unknown6.63	6.63	55.0 ng		2349400	1	6.86	853934	20.0
Hexadecane	10.78	2.7 ng		127182	4	11.39	927565	20.0
11H-Benzo[b]fluorene	13.18	2.2 ng		88107	5	14.05	804959	20.0
Cyclohexadecane	13.86	6.5 ng		259503	5	14.05	804959	20.0
Benzo[e]pyrene	15.43	3.1 ng		93422	6	15.56	596300	20.0