

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
 Data File : BF104694.D
 Acq On : 21 Apr 2018 1:06
 Operator : JU/SJ
 Sample : J2453-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6_1.0-1.5

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	5.010	493	497	506	rBV	78106	104220	4.44%	0.394%
2	5.422	562	567	570	rBV	2128317	2067557	88.06%	7.820%
3	6.439	735	740	749	rBV	2013801	2136333	90.99%	8.080%
4	6.575	759	763	766	rBV	2564372	2184132	93.03%	8.261%
5	6.804	798	802	805	rBV	862408	684919	29.17%	2.591%
6	6.957	824	828	832	rBV	2029375	1789070	76.20%	6.767%
7	7.369	893	898	901	rBV	1575214	1341426	57.13%	5.074%
8	8.086	1017	1020	1023	rBV	1066272	834793	35.55%	3.157%
9	9.163	1199	1203	1206	rBV	2753360	2347895	100.00%	8.880%
10	9.557	1266	1270	1277	rVB	169040	163275	6.95%	0.618%
11	9.704	1292	1295	1298	rBV	32645	27780	1.18%	0.105%
12	9.769	1303	1306	1309	rVV	72048	62245	2.65%	0.235%
13	9.839	1315	1318	1322	rBV	934638	857983	36.54%	3.245%
14	9.874	1322	1324	1328	rVB	55658	47091	2.01%	0.178%
15	10.045	1351	1353	1357	rVB3	26279	27607	1.18%	0.104%
16	10.269	1388	1391	1393	rVB	93470	79782	3.40%	0.302%
17	10.392	1408	1412	1417	rVB2	36315	41414	1.76%	0.157%
18	10.480	1424	1427	1433	rVB3	24005	35442	1.51%	0.134%
19	10.633	1449	1453	1463	rVB	1334830	1247825	53.15%	4.720%
20	10.739	1468	1471	1479	rVB	93047	100707	4.29%	0.381%
21	10.939	1499	1505	1508	rBV4	20430	34919	1.49%	0.132%
22	11.186	1542	1547	1550	rBV2	74720	70928	3.02%	0.268%
23	11.227	1550	1554	1559	rVB3	30150	41622	1.77%	0.157%
24	11.333	1568	1572	1574	rBV	809474	816771	34.79%	3.089%
25	11.357	1574	1576	1579	rVV	463443	378086	16.10%	1.430%
26	11.404	1582	1584	1587	rVB	107665	87733	3.74%	0.332%
27	11.563	1604	1611	1617	rBV2	34759	61760	2.63%	0.234%
28	11.616	1617	1620	1626	rVB3	33151	36734	1.56%	0.139%
29	11.833	1653	1657	1659	rBV	78909	72609	3.09%	0.275%
30	11.857	1659	1661	1666	rVV	109541	106730	4.55%	0.404%
31	11.910	1666	1670	1672	rVV	38367	35540	1.51%	0.134%
32	11.945	1672	1676	1678	rVV2	108067	120954	5.15%	0.457%
33	11.963	1678	1679	1685	rVB	60207	53589	2.28%	0.203%
34	12.021	1685	1689	1694	rBV4	38358	45710	1.95%	0.173%

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35	12.127	1704	1707	1710	rBV	58771	53510	2.28%	0.202%
36	12.157	1710	1712	1718	rVB	39971	37320	1.59%	0.141%
37	12.380	1746	1750	1753	rBV	67602	74618	3.18%	0.282%
38	12.410	1753	1755	1758	rVV2	43523	58295	2.48%	0.220%
39	12.468	1762	1765	1771	rBV2	45574	61851	2.63%	0.234%
40	12.545	1774	1778	1782	rBV	737806	606004	25.81%	2.292%
41	12.698	1796	1804	1806	rBV4	28478	51071	2.18%	0.193%
42	12.774	1811	1817	1823	rVV	650035	683507	29.11%	2.585%
43	12.821	1823	1825	1829	rVB2	37822	42302	1.80%	0.160%
44	12.915	1837	1841	1848	rVB	2112235	2006070	85.44%	7.587%
45	12.992	1849	1854	1858	rBV2	47877	83567	3.56%	0.316%
46	13.080	1866	1869	1870	rBV3	43237	50728	2.16%	0.192%
47	13.104	1870	1873	1875	rVB	80928	81985	3.49%	0.310%
48	13.168	1882	1884	1886	rVB2	52642	36147	1.54%	0.137%
49	13.204	1886	1890	1893	rBV2	75147	88926	3.79%	0.336%
50	13.298	1903	1906	1909	rBV	45230	39469	1.68%	0.149%
51	13.327	1909	1911	1914	rBV	43813	40519	1.73%	0.153%
52	13.610	1956	1959	1963	rVB	54334	62751	2.67%	0.237%
53	13.721	1973	1978	1981	rBV2	61871	90974	3.87%	0.344%
54	13.751	1981	1983	1984	rVV	69247	62622	2.67%	0.237%
55	13.774	1984	1987	1990	rVV	173423	211847	9.02%	0.801%
56	13.810	1990	1993	2002	rVB2	237208	322020	13.72%	1.218%
57	13.974	2013	2021	2024	rBV2	889169	1200041	51.11%	4.539%
58	13.998	2024	2025	2032	rVB	300824	267608	11.40%	1.012%
59	14.362	2085	2087	2090	rVB	63996	55978	2.38%	0.212%
60	14.398	2090	2093	2096	rVB2	36981	36930	1.57%	0.140%
61	14.439	2097	2100	2106	rBV5	46870	86681	3.69%	0.328%
62	14.492	2106	2109	2111	rBV2	26947	26850	1.14%	0.102%
63	14.815	2162	2164	2167	rBV	42292	38628	1.65%	0.146%
64	15.015	2194	2198	2201	rBV	258735	372296	15.86%	1.408%
65	15.121	2213	2216	2220	rBV	53918	57455	2.45%	0.217%
66	15.315	2245	2249	2255	rVB	138214	183794	7.83%	0.695%
67	15.374	2255	2259	2265	rBV	200009	253690	10.80%	0.960%
68	15.439	2265	2270	2274	rBV	446609	581127	24.75%	2.198%
69	16.892	2512	2517	2524	rVB2	80070	150121	6.39%	0.568%
70	17.333	2587	2592	2603	rVB	62240	137093	5.84%	0.519%

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

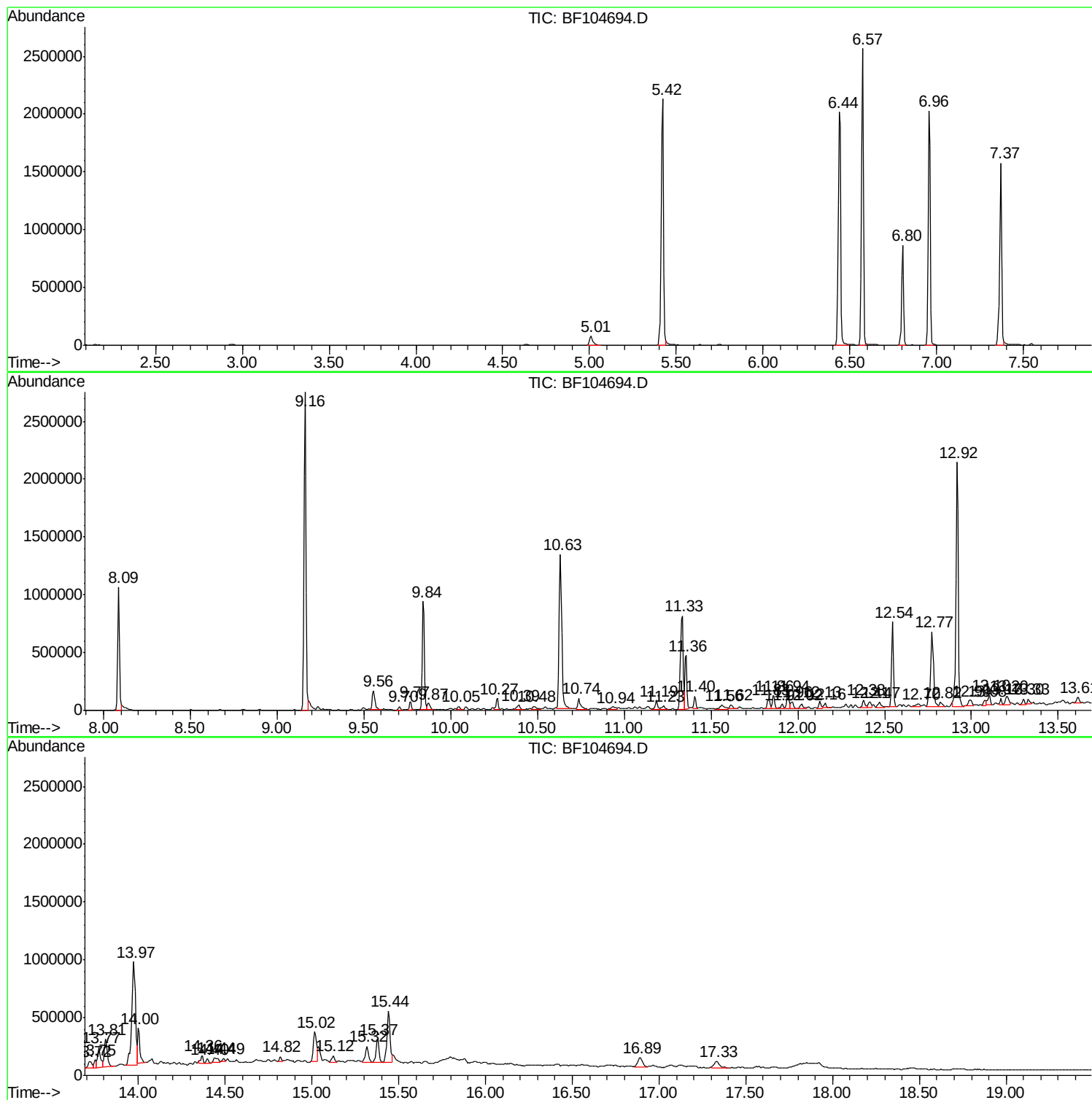
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Instrument :
BNA_F
ClientSampled :
T-6_1.0-1.5

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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Misc :
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Instrument :
BNA_F
ClientSampleId :
T-6_1.0-1.5

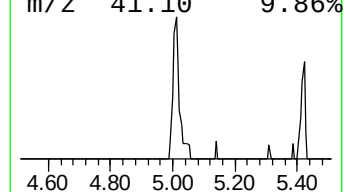
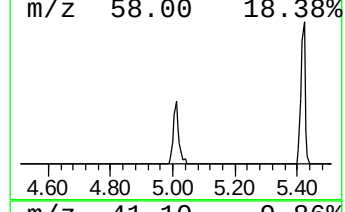
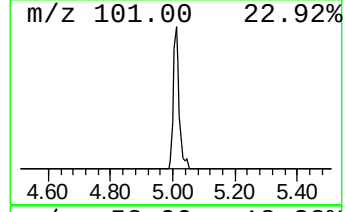
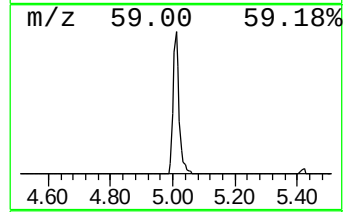
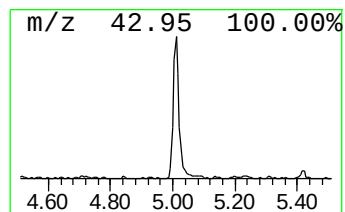
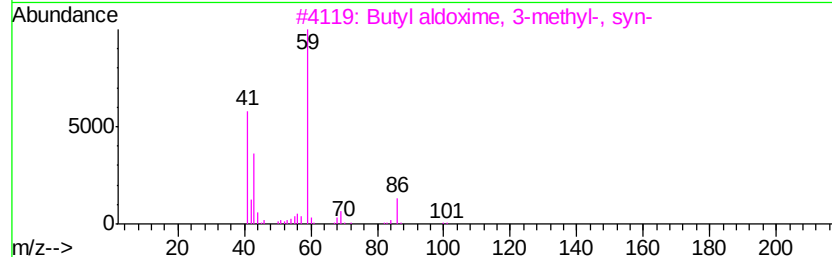
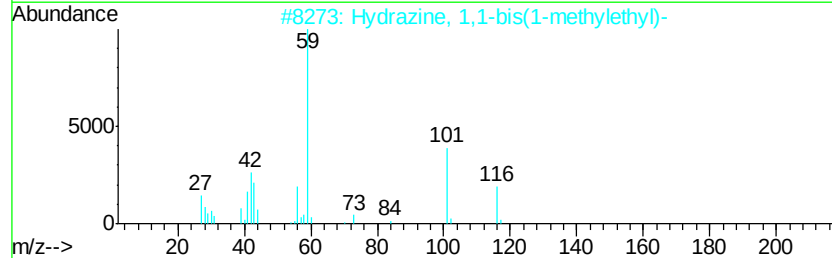
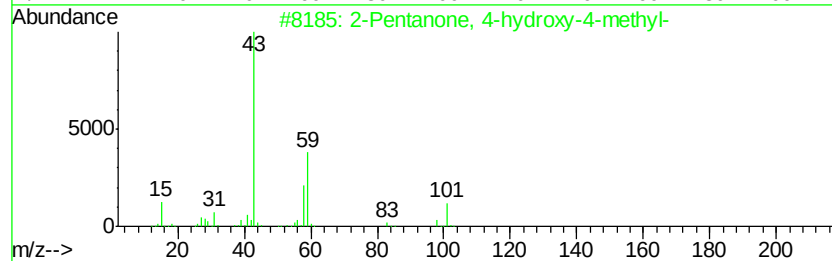
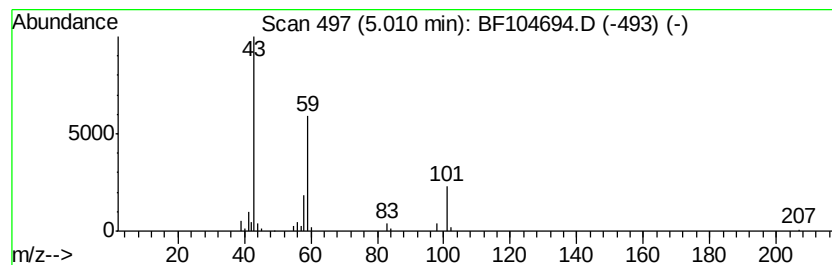
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	3.04 ng	104220	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	50
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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Instrument :
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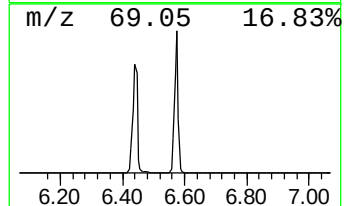
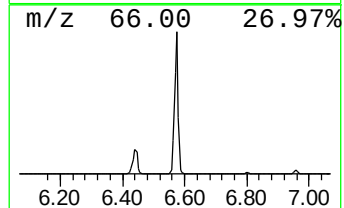
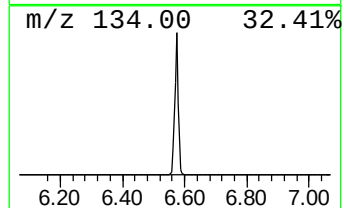
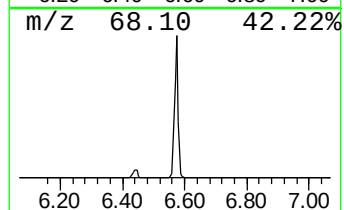
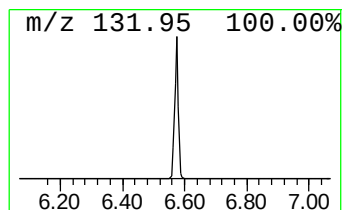
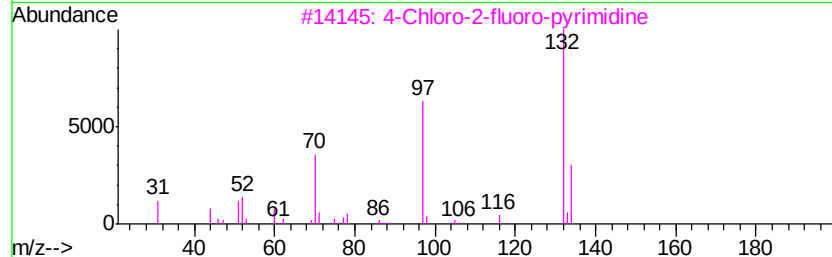
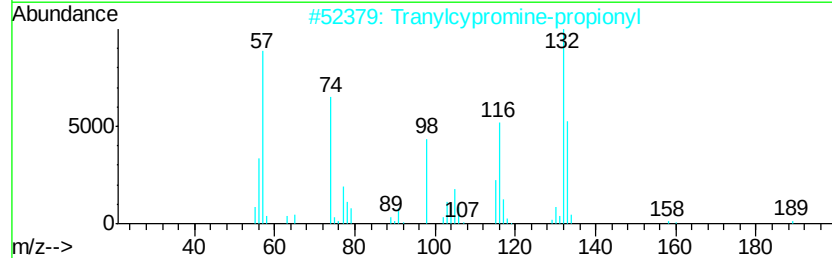
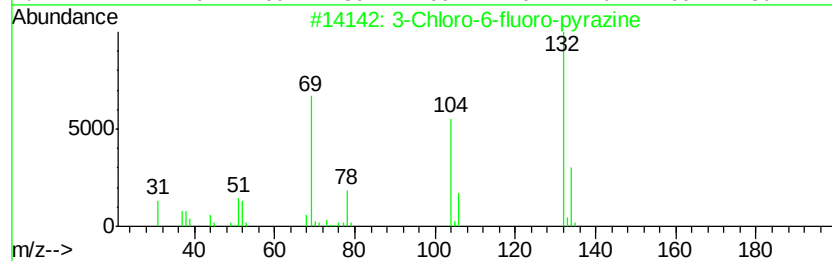
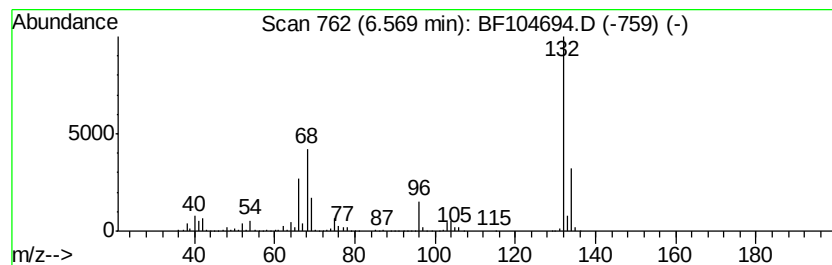
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	63.78 ng	2184130	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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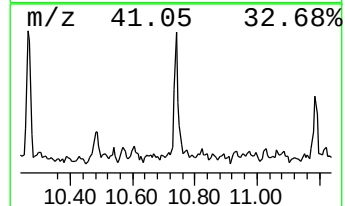
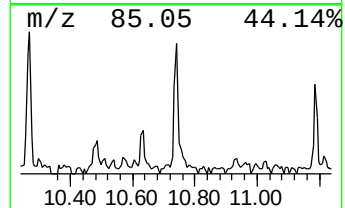
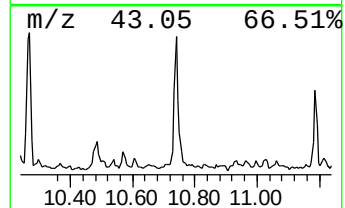
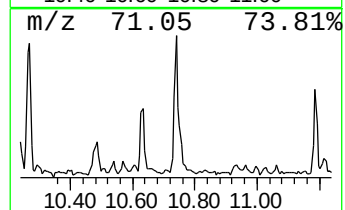
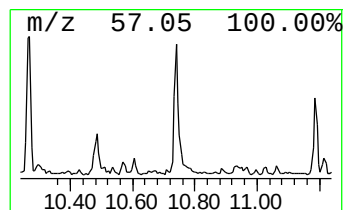
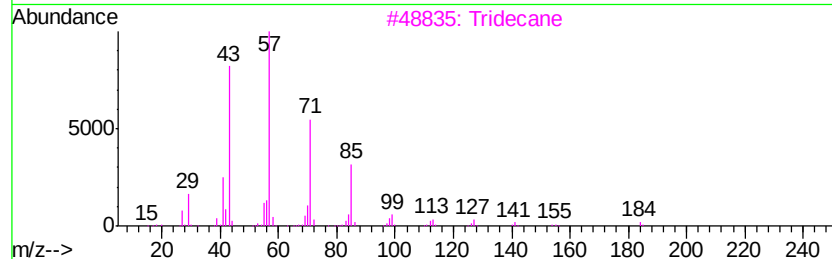
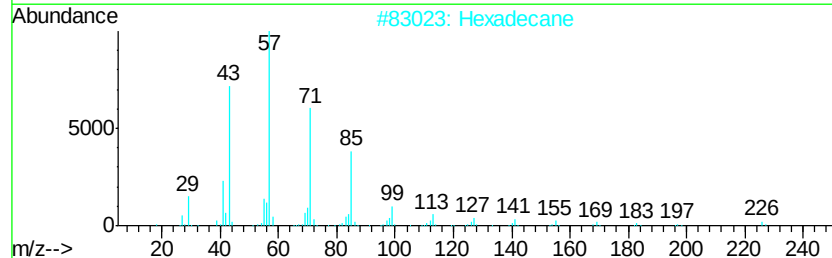
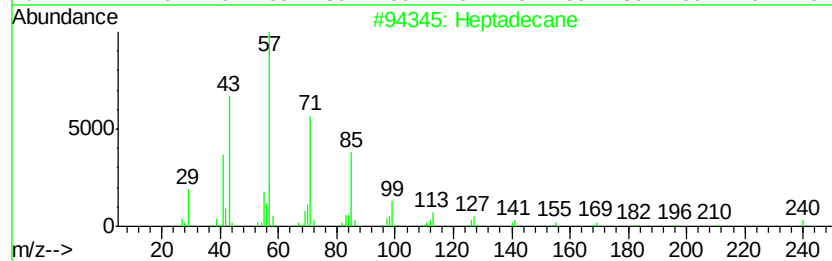
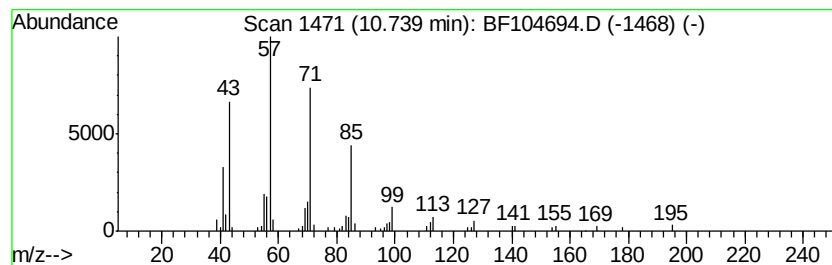
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.47 ng	100707	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Tritetracontane		605	C43H88	007098-21-7	90



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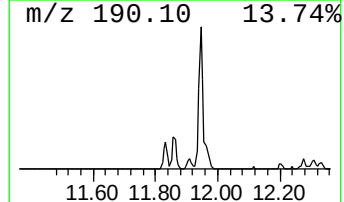
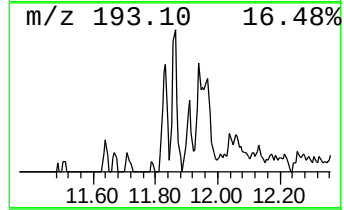
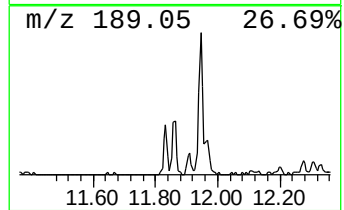
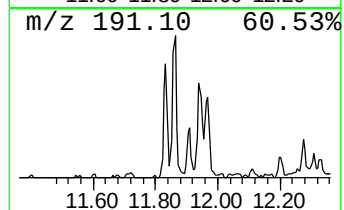
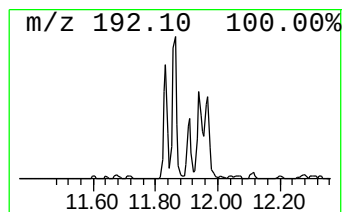
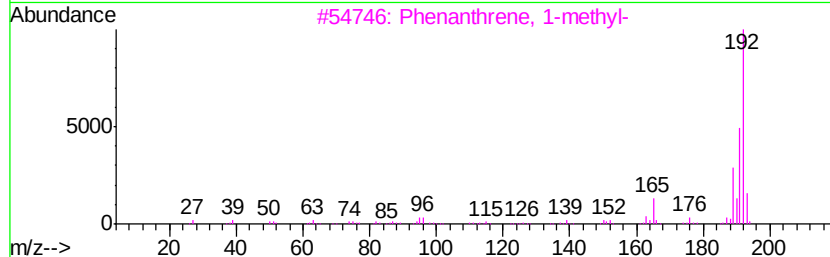
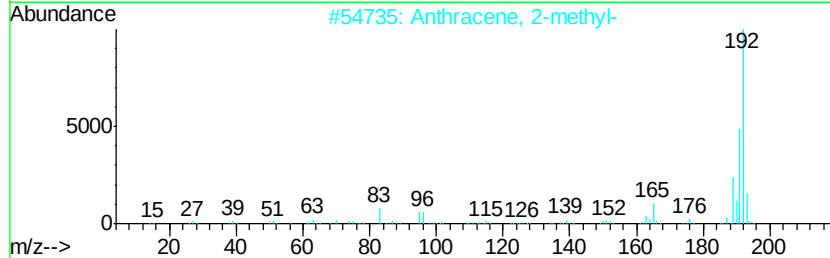
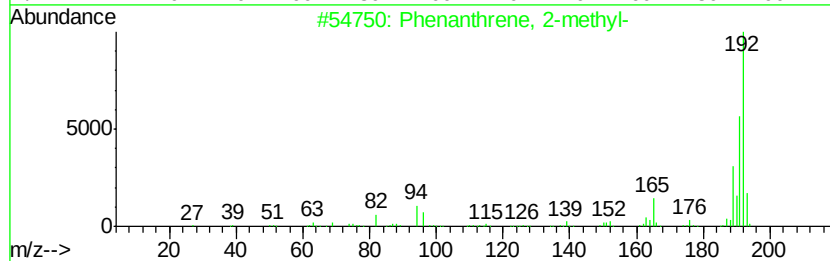
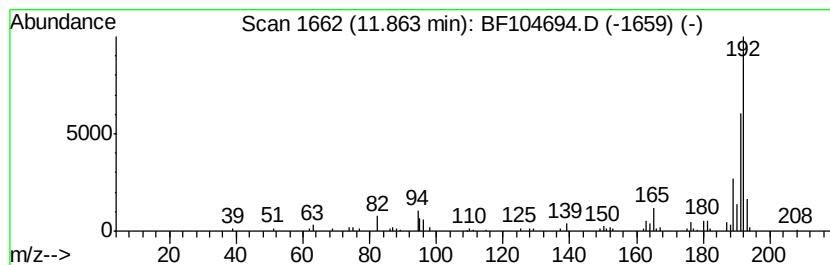
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.61 ng	106730	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104694.D
Acq On : 21 Apr 2018 1:06
Operator : JU/SJ
Sample : J2453-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

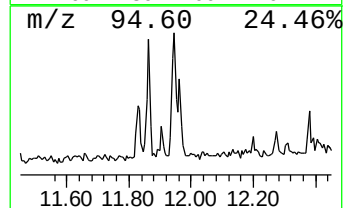
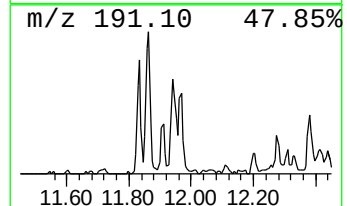
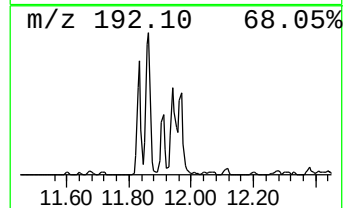
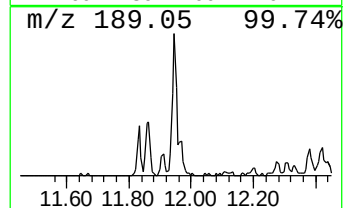
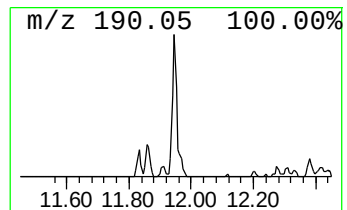
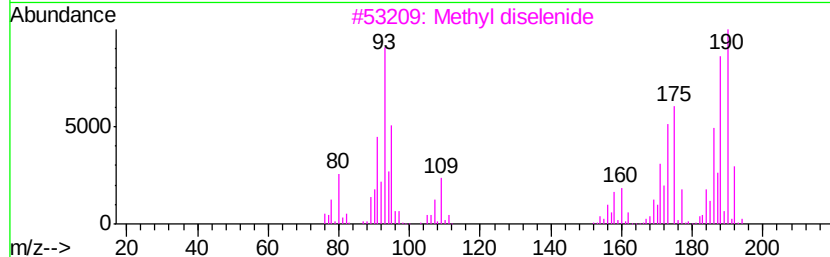
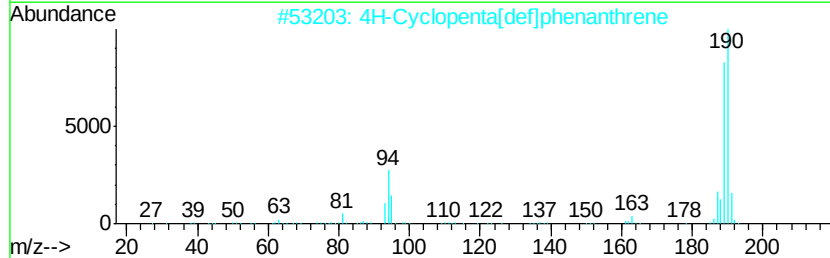
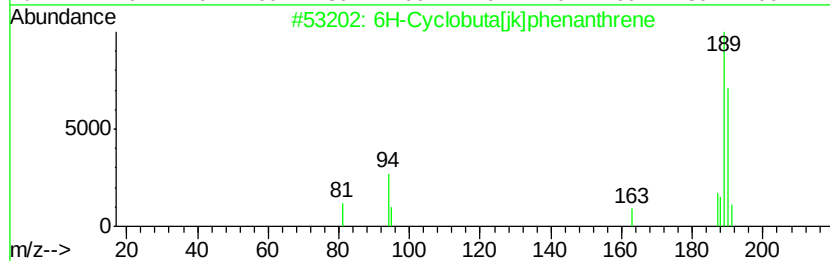
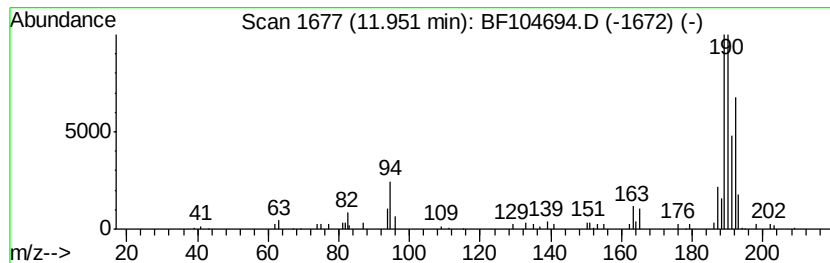
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ClientSampleId :
T-6_1.0-1.5

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 6 6H-Cyclobuta[jk]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	2.96 ng	120954	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
Data File : BF104694.D
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Sample : J2453-09
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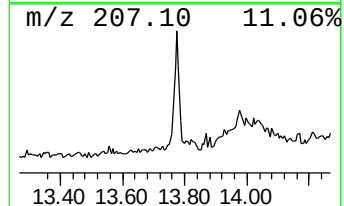
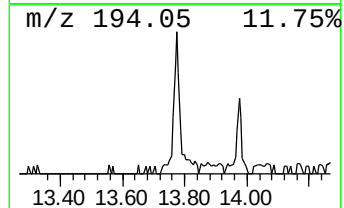
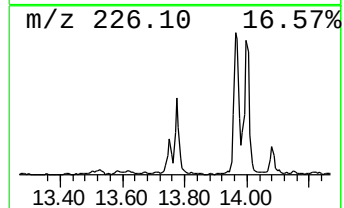
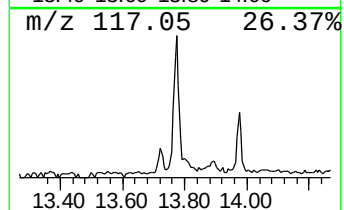
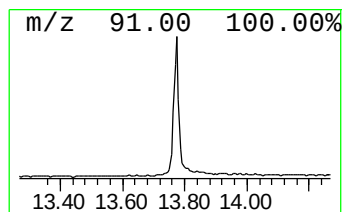
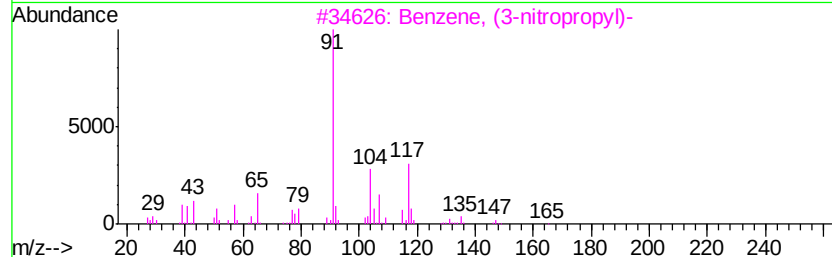
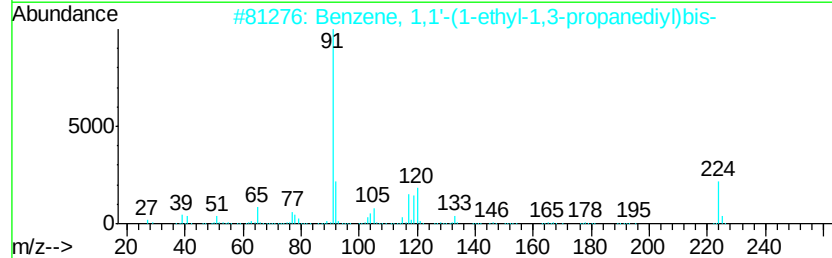
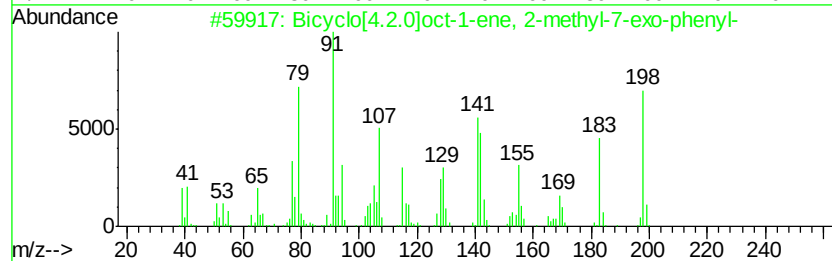
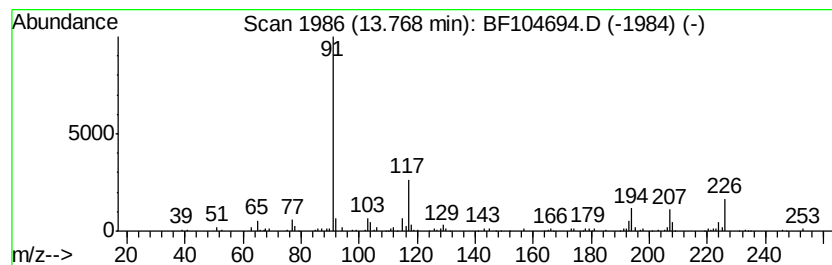
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bicyclo[4.2.0]oct-1-ene, 2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	3.53 ng	211847	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]oct-1-ene, 2-methyl-	198	C15H18	1000142-22-8	56
2	Benzene, 1,1'-(1-ethyl-1,3-propanediyl)bis-	224	C17H20	000838-45-9	22
3	Benzene, (3-nitropropyl)-	165	C9H11NO2	022818-69-5	16
4	2,3-Butanediol, 1,4-bis[(benzyloxy)methyl]-	388	C20H24N2O6	1000163-34-1	12
5	Benzene, 1-methyl-2-(phenylmethoxy)-	198	C14H14O	019578-70-2	10



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Data File : BF104694.D
Acq On : 21 Apr 2018 1:06
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Sample : J2453-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

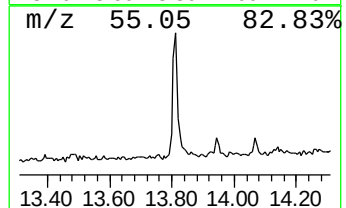
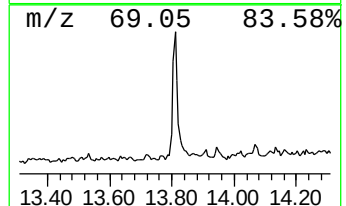
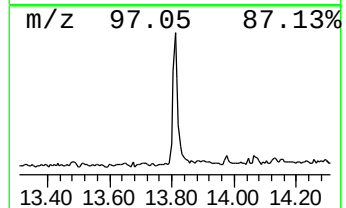
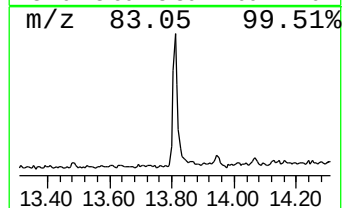
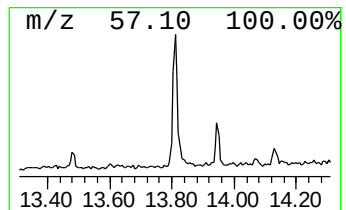
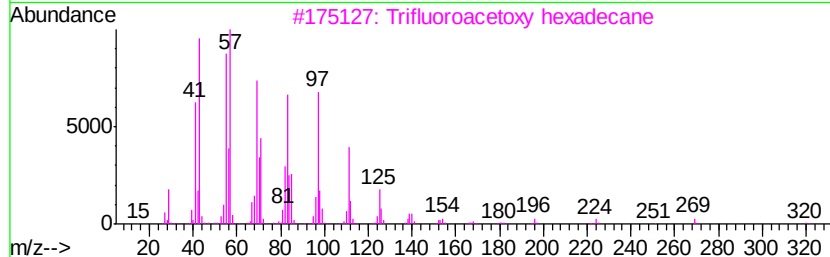
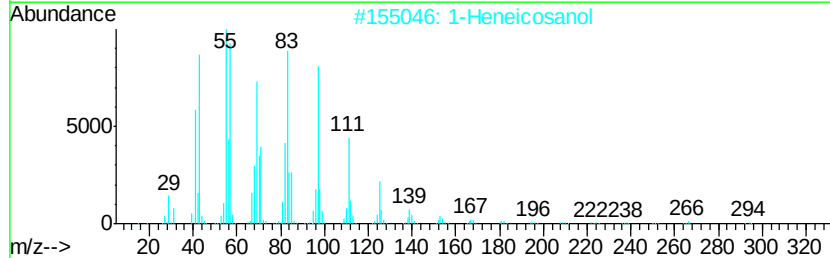
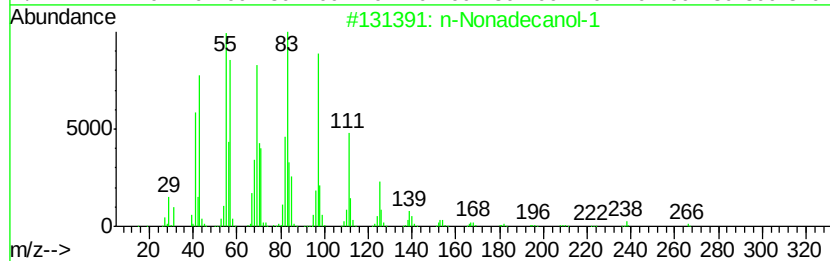
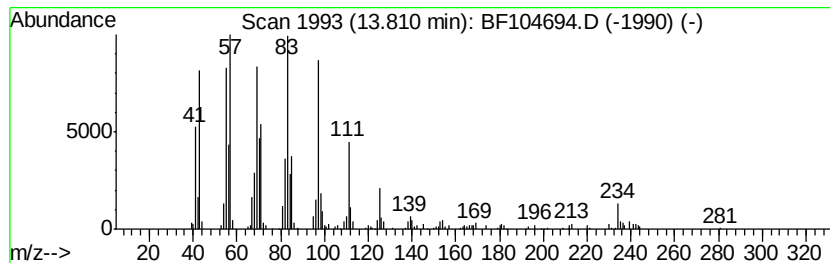
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.81	5.37 ng	322020	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	91
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90



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Sample : J2453-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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T-6_1.0-1.5

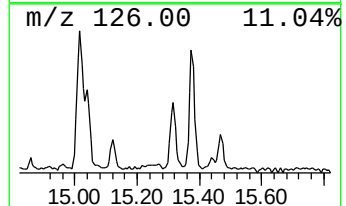
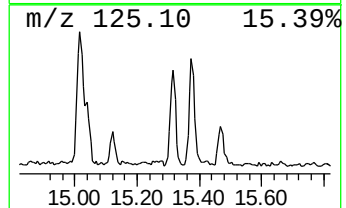
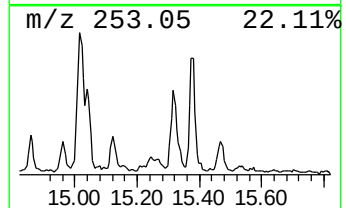
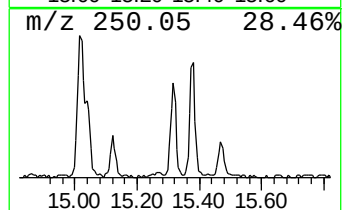
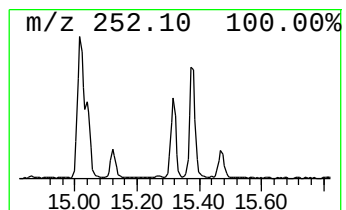
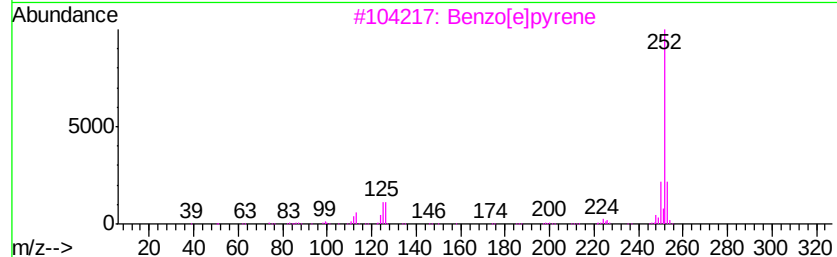
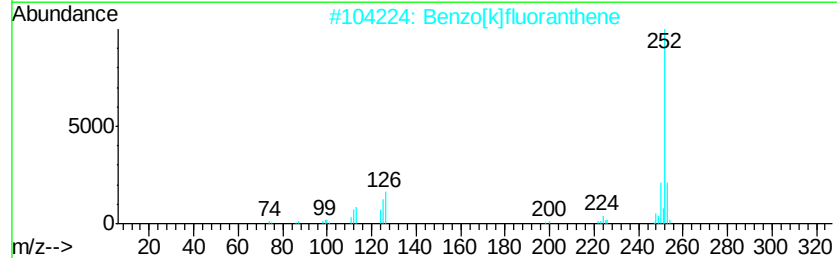
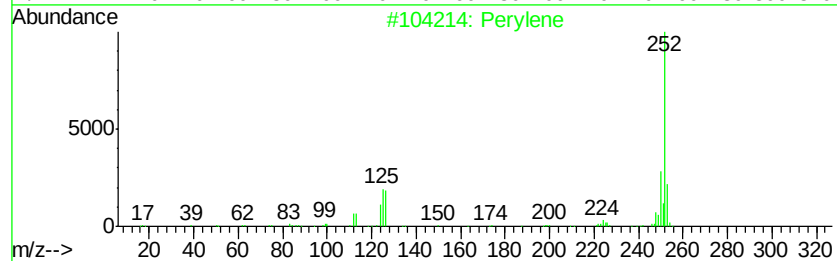
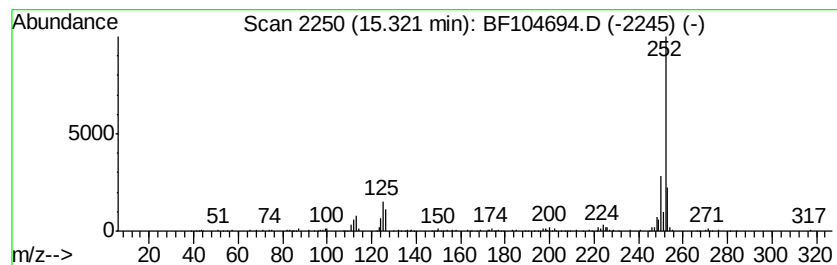
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.33 ng	183794	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene		252	C20H12	000207-08-9	98
3	Benzo[e]pyrene		252	C20H12	000192-97-2	98
4	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene		252	C20H12	000205-82-3	90



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 Acq On : 21 Apr 2018 1:06
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 Sample : J2453-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.57	6.57	63.8	ng	2184130	1	6.80	684919	20.0
Heptadecane	10.74	2.5	ng	100707	4	11.33	816771	20.0
Phenanthrene, 2-m...	11.86	2.6	ng	106730	4	11.33	816771	20.0
6H-Cyclobuta[jk]p...	11.95	3.0	ng	120954	4	11.33	816771	20.0
Bicyclo[4.2.0]oct...	13.77	3.5	ng	211847	5	13.97	1200040	20.0
n-Nonadecanol-1	13.81	5.4	ng	322020	5	13.97	1200040	20.0
Perylene	15.32	6.3	ng	183794	6	15.44	581127	20.0