

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098540.D
 Acq On : 14 Sep 2017 20:56
 Operator : SJ/JU
 Sample : I5160-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-8A-1

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-BF091117.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	4.828	463	466	484	rVB	237626	386765	9.72%	0.891%
2	5.257	535	539	555	rBV	3802589	3975727	99.94%	9.159%
3	6.304	712	717	732	rBV	3654629	3920227	98.54%	9.031%
4	6.422	733	737	740	rBV	4333791	3831607	96.31%	8.827%
5	6.645	772	775	782	rBV	920282	755289	18.99%	1.740%
6	6.804	798	802	805	rBV	3446833	2945379	74.04%	6.785%
7	7.216	868	872	876	rBV	2277721	2410914	60.60%	5.554%
8	7.928	989	993	997	rBV	1100367	1052715	26.46%	2.425%
9	9.010	1171	1177	1180	rBV	4527042	3978299	100.00%	9.165%
10	9.404	1241	1244	1247	rBV	541890	396813	9.97%	0.914%
11	9.539	1264	1267	1272	rBV	51984	44678	1.12%	0.103%
12	9.616	1277	1280	1284	rBV	52946	44060	1.11%	0.101%
13	9.680	1284	1291	1294	rBV	1331719	1135269	28.54%	2.615%
14	9.710	1294	1296	1300	rVB	281431	232170	5.84%	0.535%
15	9.886	1322	1326	1329	rBV	251250	220679	5.55%	0.508%
16	10.116	1362	1365	1367	rVB	89697	75046	1.89%	0.173%
17	10.227	1380	1384	1390	rVB2	196579	189606	4.77%	0.437%
18	10.386	1408	1411	1414	rVB	93867	88726	2.23%	0.204%
19	10.474	1421	1426	1429	rBV	2163812	2211360	55.59%	5.094%
20	10.586	1442	1445	1453	rVB	130874	168385	4.23%	0.388%
21	10.774	1470	1477	1479	rBV3	67896	85336	2.15%	0.197%
22	10.904	1494	1499	1501	rBV3	40471	57815	1.45%	0.133%
23	11.010	1514	1517	1519	rBV	47332	51587	1.30%	0.119%
24	11.033	1519	1521	1523	rVV	87365	77268	1.94%	0.178%
25	11.057	1523	1525	1530	rVB	142220	134259	3.37%	0.309%
26	11.163	1539	1543	1545	rBV	1243251	1101217	27.68%	2.537%
27	11.186	1545	1547	1550	rVV	473355	376126	9.45%	0.866%
28	11.239	1550	1556	1559	rVB	548698	534031	13.42%	1.230%
29	11.398	1579	1583	1591	rBV3	35931	65840	1.65%	0.152%
30	11.457	1591	1593	1596	rVB	80229	61735	1.55%	0.142%
31	11.663	1622	1628	1630	rBV	142338	130983	3.29%	0.302%
32	11.692	1630	1633	1636	rVB	110541	102640	2.58%	0.236%
33	11.739	1636	1641	1643	rBV2	101049	98241	2.47%	0.226%
34	11.774	1643	1647	1649	rVV	258784	269062	6.76%	0.620%

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35	11.792	1649	1650	1653	rVB	73623	55184	1.39%	0.127%
36	11.957	1675	1678	1682	rVB	129713	106356	2.67%	0.245%
37	12.104	1698	1703	1706	rBV3	48955	53331	1.34%	0.123%
38	12.210	1717	1721	1724	rBV	85293	87733	2.21%	0.202%
39	12.251	1724	1728	1733	rVB4	83180	108063	2.72%	0.249%
40	12.298	1733	1736	1741	rVB4	44852	55728	1.40%	0.128%
41	12.374	1744	1749	1752	rBV	1343204	1282545	32.24%	2.955%
42	12.598	1781	1787	1790	rBV	1181459	1221086	30.69%	2.813%
43	12.621	1790	1791	1793	rVV2	100753	58130	1.46%	0.134%
44	12.651	1793	1796	1802	rVB2	71974	92150	2.32%	0.212%
45	12.745	1808	1812	1815	rVB	3136958	2875959	72.29%	6.625%
46	12.821	1820	1825	1828	rBV3	66858	112084	2.82%	0.258%
47	12.904	1836	1839	1841	rBV4	55037	73904	1.86%	0.170%
48	12.927	1841	1843	1846	rVB	167463	137515	3.46%	0.317%
49	12.992	1850	1854	1857	rVV	158213	136023	3.42%	0.313%
50	13.027	1857	1860	1863	rBV	102895	103172	2.59%	0.238%
51	13.121	1873	1876	1879	rBV2	62498	57151	1.44%	0.132%
52	13.151	1879	1881	1885	rVV3	46943	47025	1.18%	0.108%
53	13.227	1890	1894	1899	rVV	208424	215520	5.42%	0.496%
54	13.321	1905	1910	1913	rBV5	43230	80259	2.02%	0.185%
55	13.439	1927	1930	1934	rVB	120341	110545	2.78%	0.255%
56	13.545	1945	1948	1950	rBV	58171	48464	1.22%	0.112%
57	13.568	1950	1952	1954	rBV	68467	55228	1.39%	0.127%
58	13.639	1961	1964	1969	rBV3	197137	214964	5.40%	0.495%
59	13.792	1983	1990	1993	rBV2	1001265	1413553	35.53%	3.256%
60	13.821	1993	1995	1998	rVB	412415	328587	8.26%	0.757%
61	13.898	2005	2008	2011	rBV	109444	85037	2.14%	0.196%
62	14.086	2037	2040	2043	rVB3	62283	55950	1.41%	0.129%
63	14.180	2053	2056	2059	rVB	88989	84256	2.12%	0.194%
64	14.327	2079	2081	2083	rVB	57723	44455	1.12%	0.102%
65	14.656	2135	2137	2141	rBV	45392	52640	1.32%	0.121%
66	14.804	2158	2162	2164	rBV	413355	543950	13.67%	1.253%
67	14.898	2175	2178	2182	rVB	104592	115030	2.89%	0.265%
68	15.074	2205	2208	2214	rVB	243783	304743	7.66%	0.702%
69	15.133	2214	2218	2223	rBV	344047	403240	10.14%	0.929%
70	15.192	2224	2228	2231	rBV	704084	813486	20.45%	1.874%
71	16.527	2450	2455	2462	rBV	150715	302578	7.61%	0.697%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	16.927	2518	2523	2529	rBV	93086	164969	4.15%	0.380%
73	17.303	2583	2587	2594	rVB9	48929	98853	2.48%	0.228%

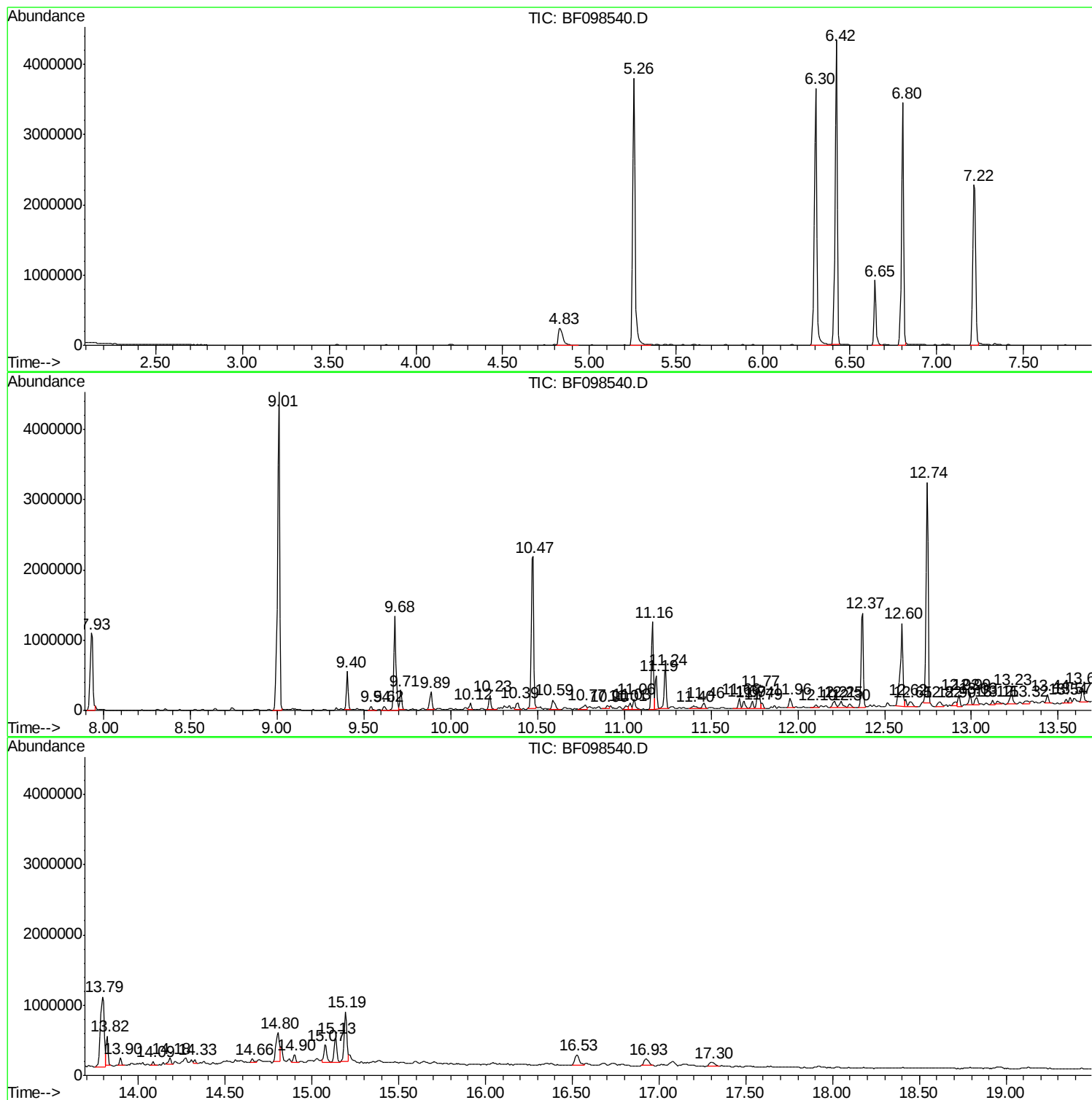
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Sample : I5160-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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Operator : SJ/JU
Sample : I5160-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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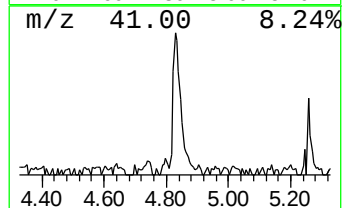
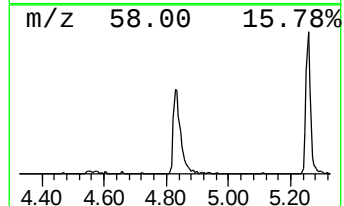
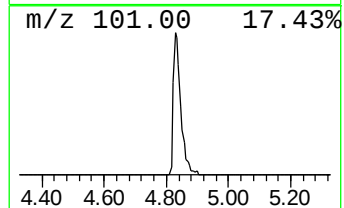
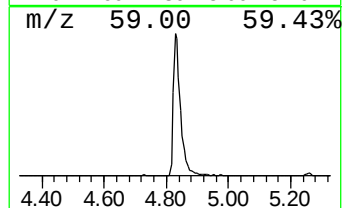
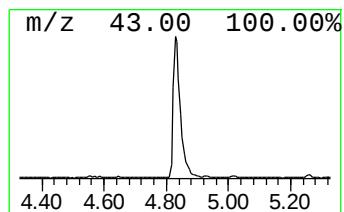
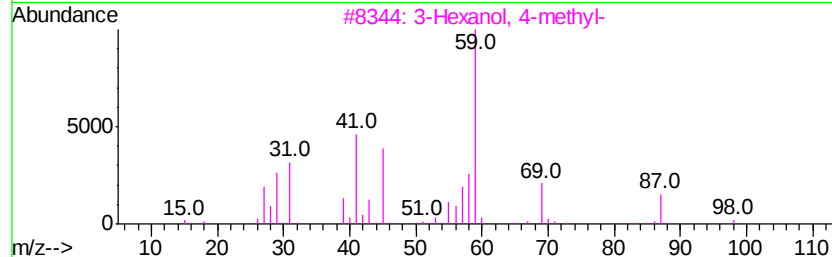
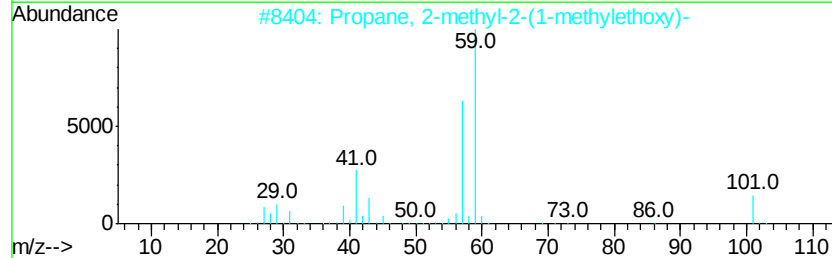
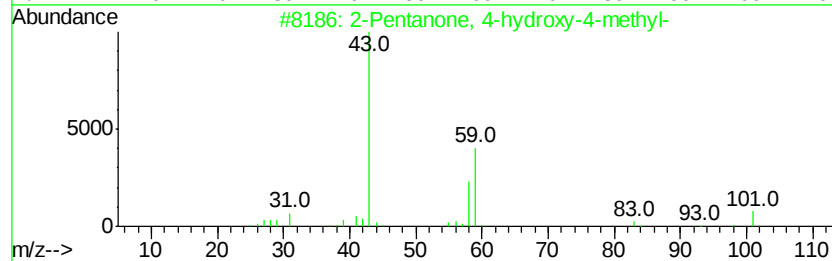
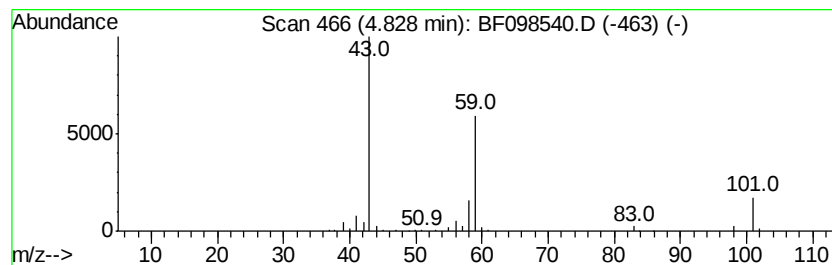
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	10.24 ng	386765	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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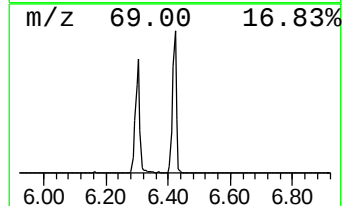
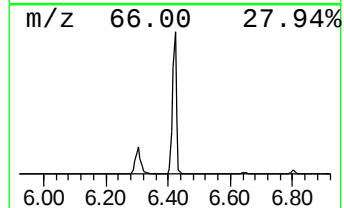
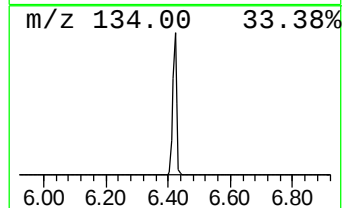
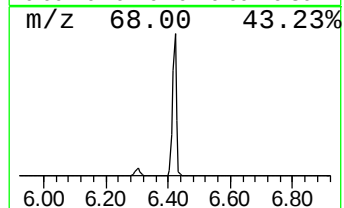
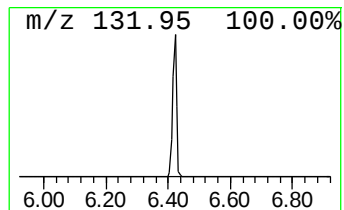
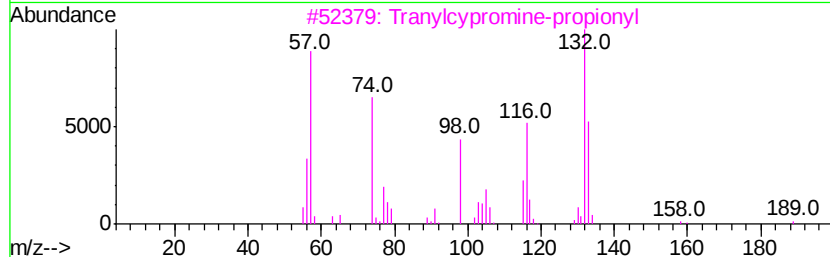
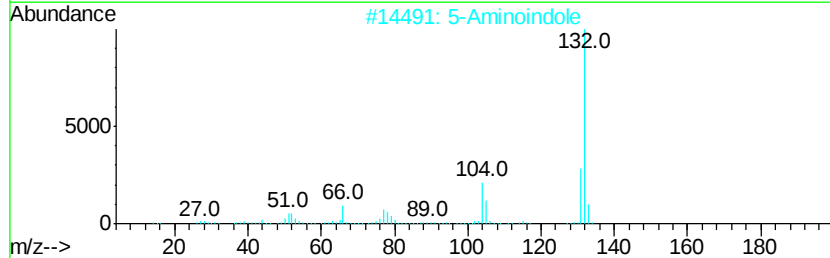
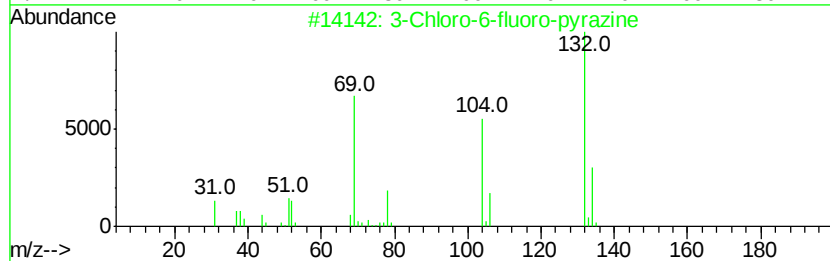
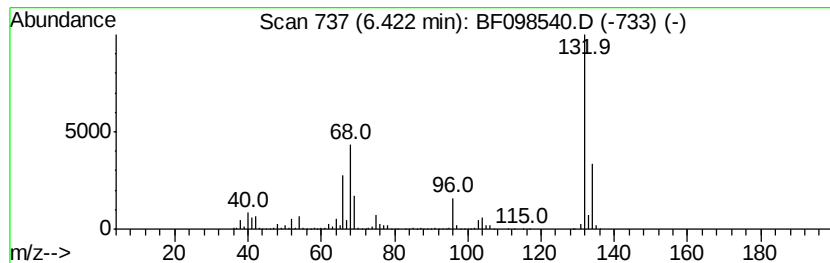
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	101.46 ng	3831610	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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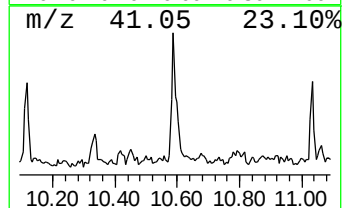
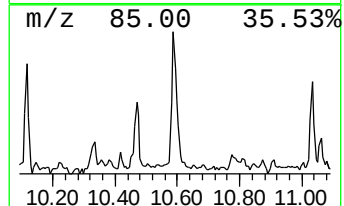
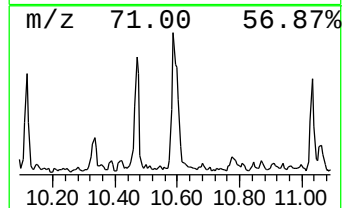
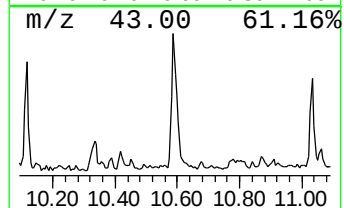
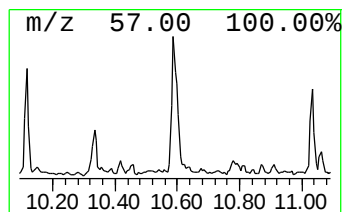
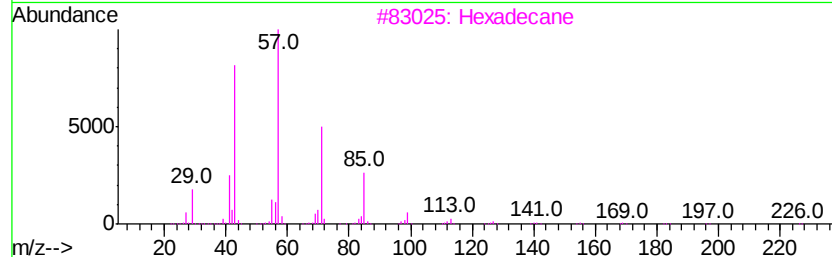
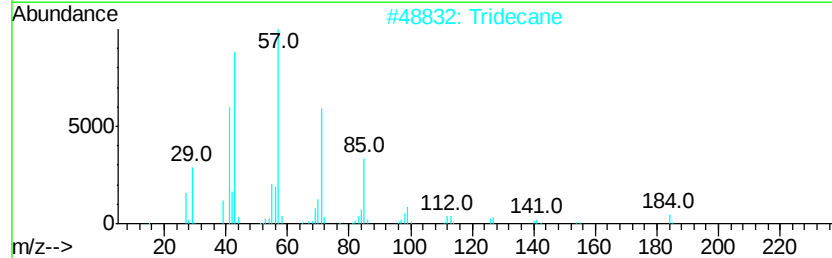
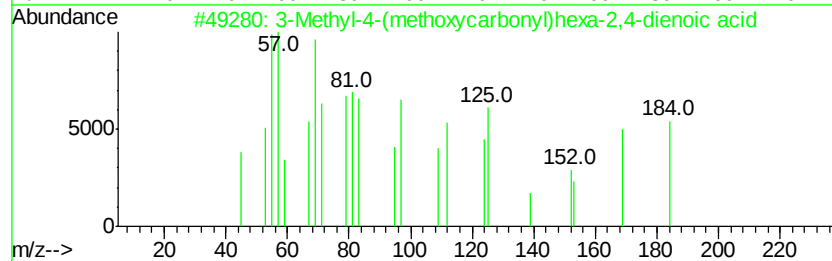
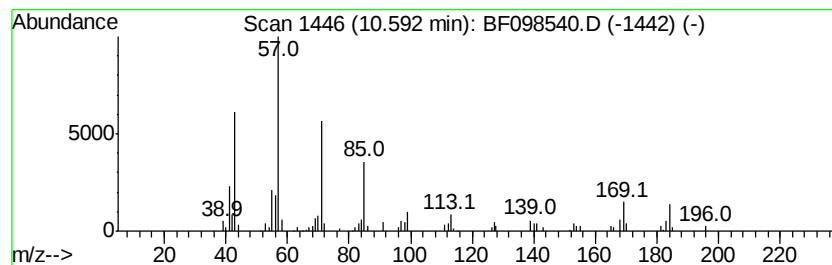
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.59	3.06 ng	168385	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80



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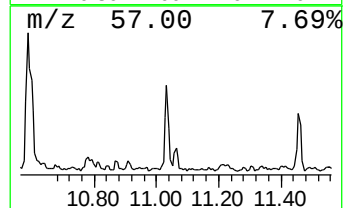
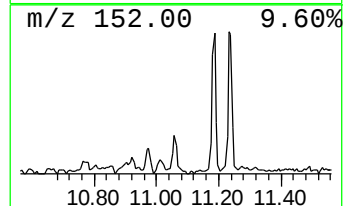
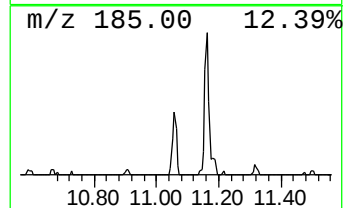
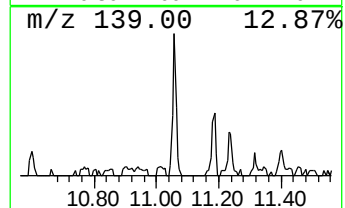
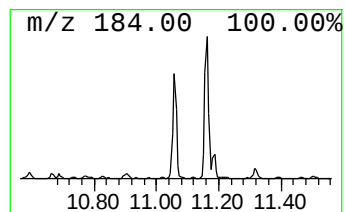
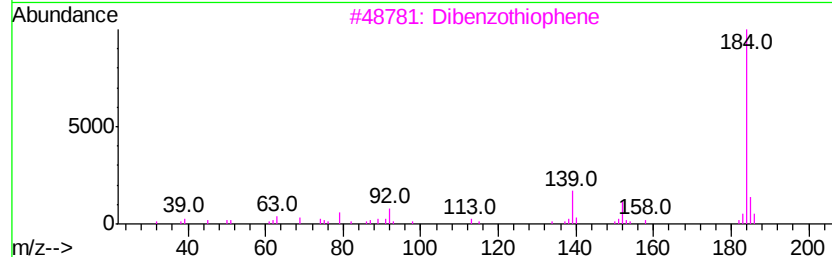
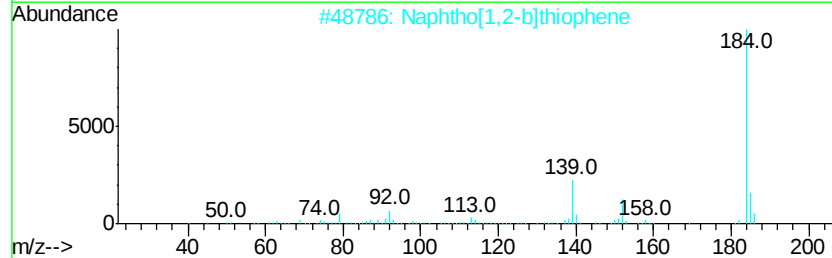
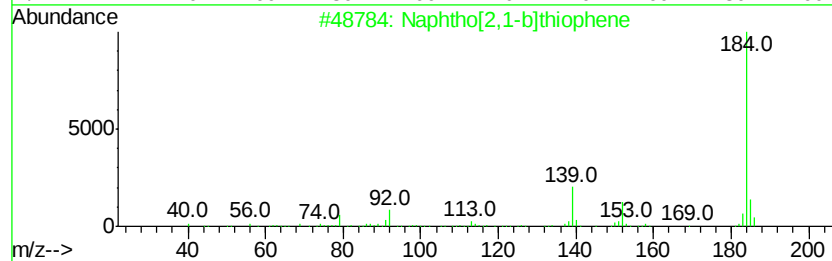
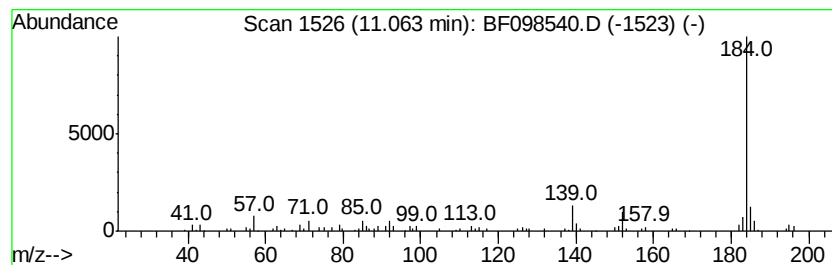
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.44 ng	134259	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80



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Data File : BF098540.D
Acq On : 14 Sep 2017 20:56
Operator : SJ/JU
Sample : I5160-08
Misc :
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Instrument :
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ClientSampleId :
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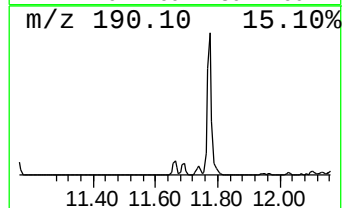
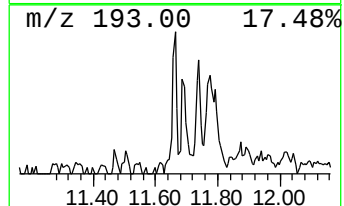
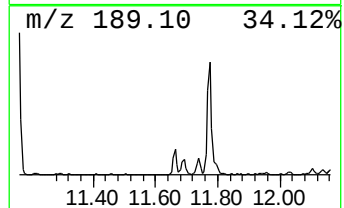
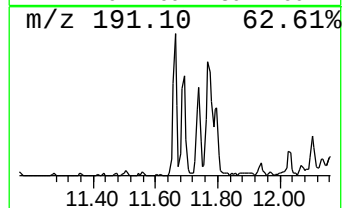
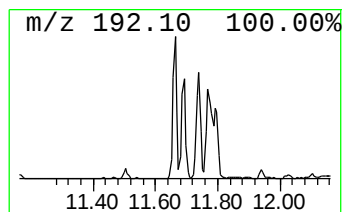
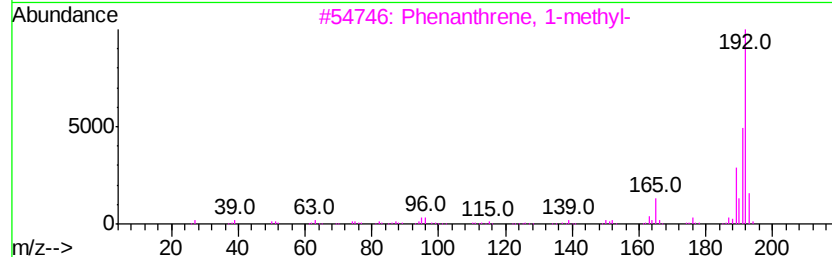
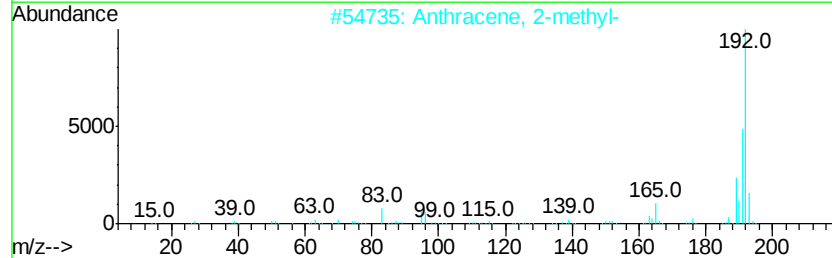
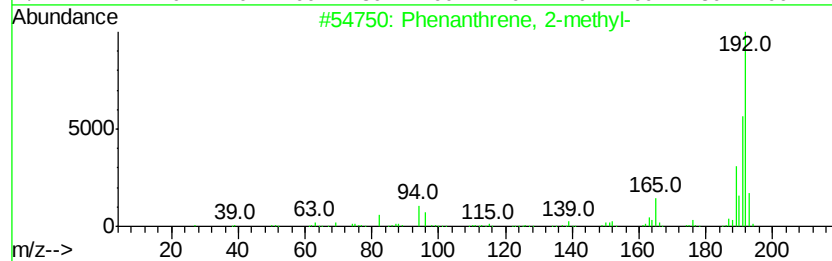
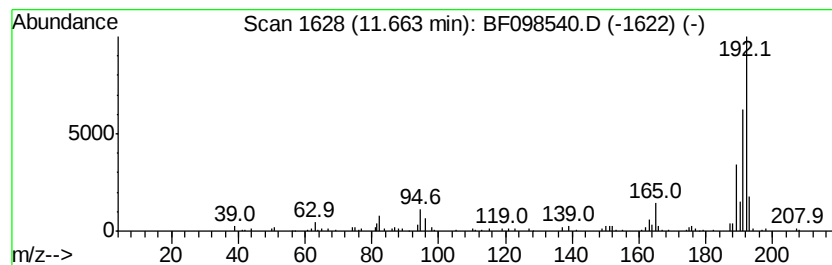
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.38 ng	130983	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95



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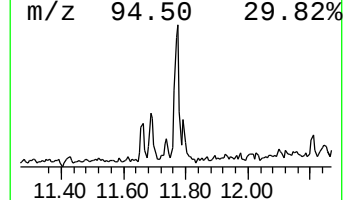
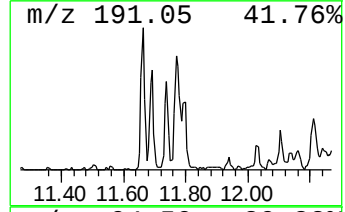
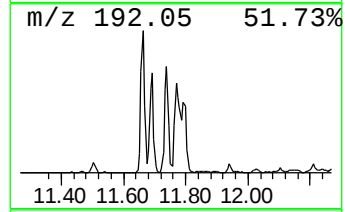
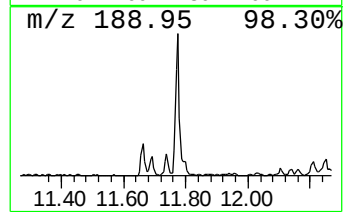
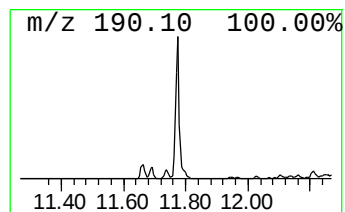
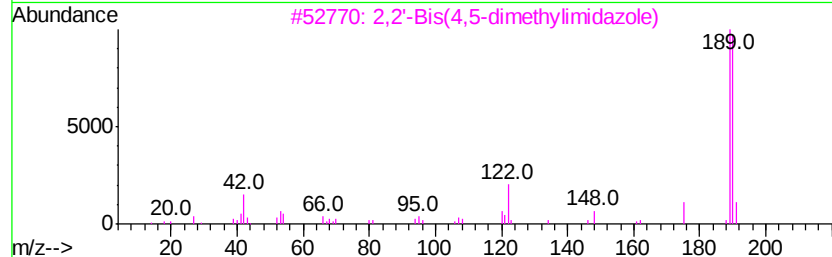
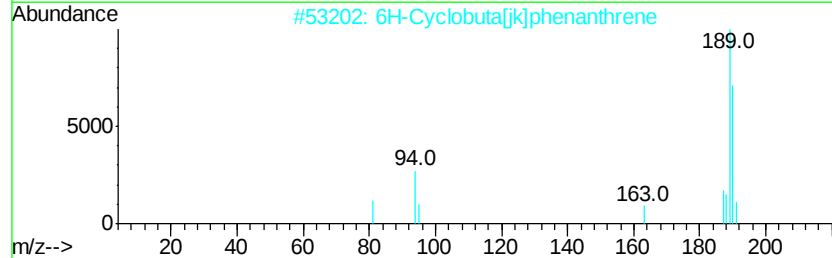
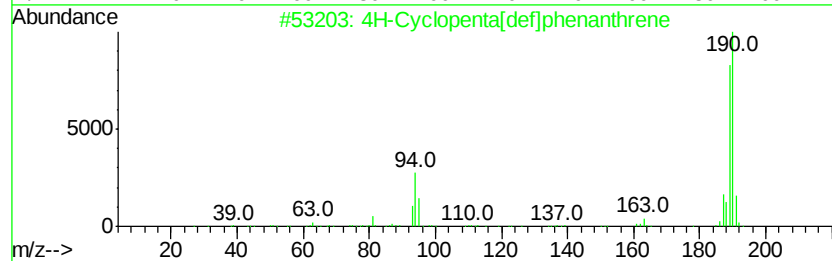
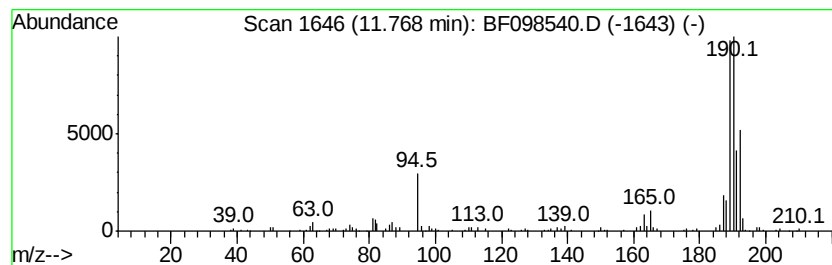
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.89 ng	269062	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



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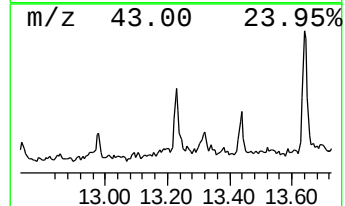
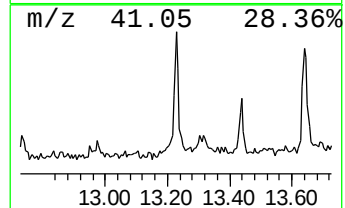
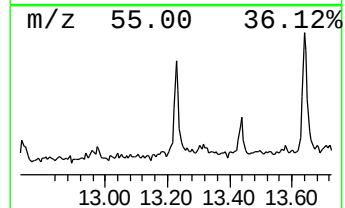
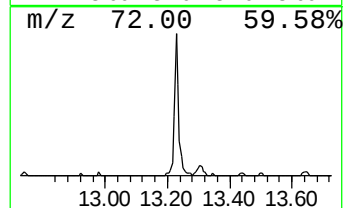
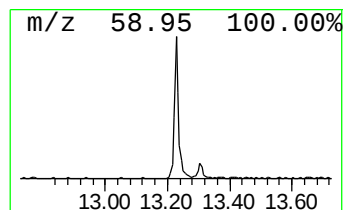
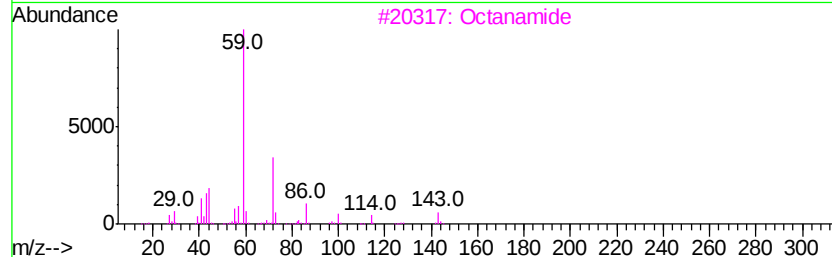
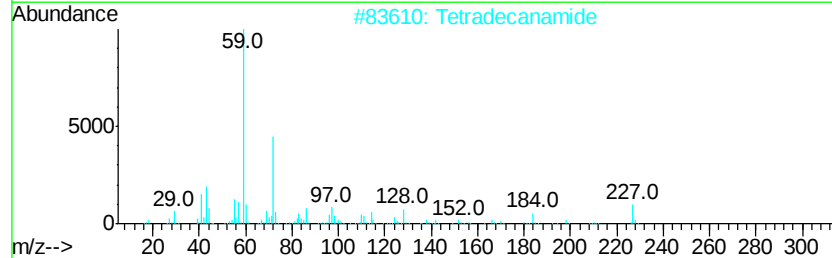
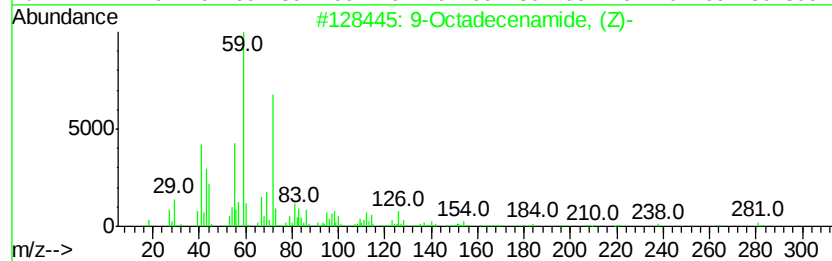
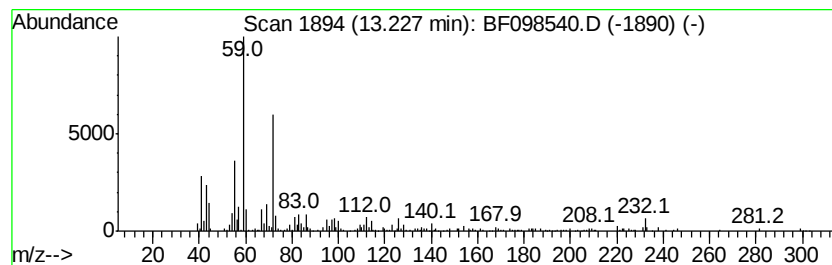
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.05 ng	215520	Chrysene-d12	13.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2		Tetradecanamide	227	C14H29NO	000638-58-4	68
3		Octanamide	143	C8H17NO	000629-01-6	59
4		Nonanamide	157	C9H19NO	001120-07-6	58
5		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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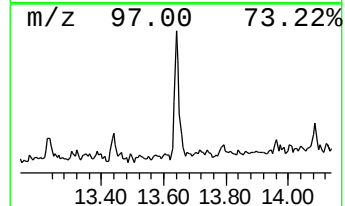
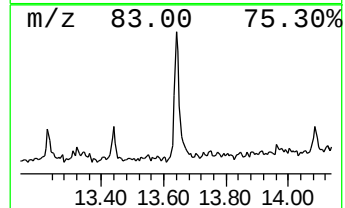
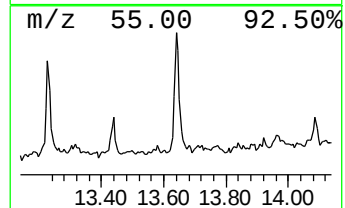
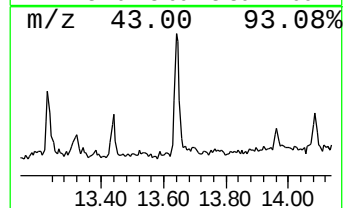
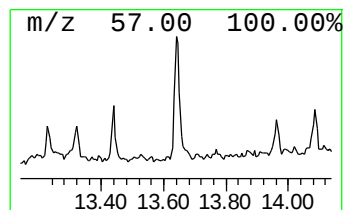
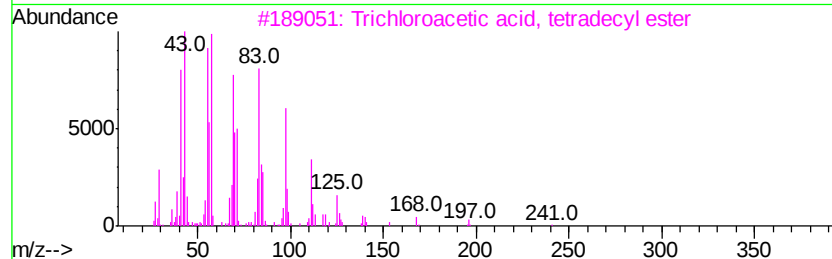
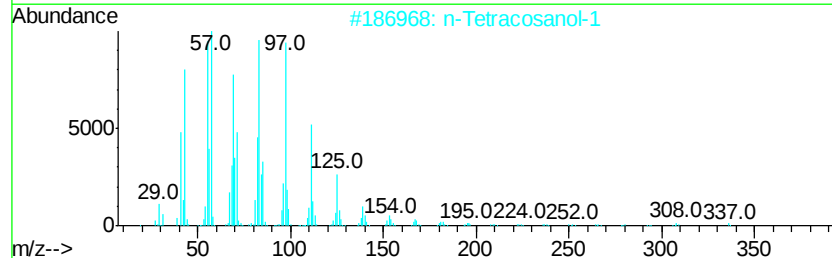
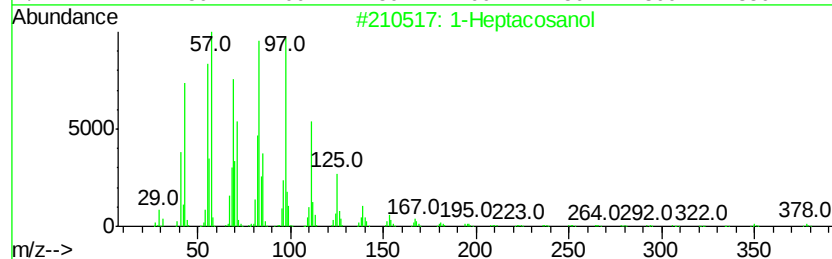
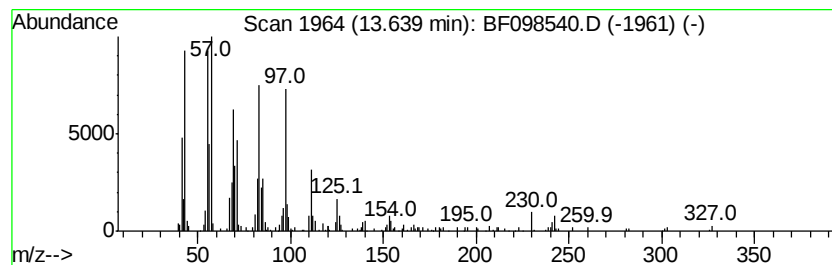
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.64	3.04 ng	214964	Chrysene-d12		13.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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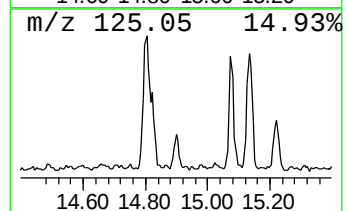
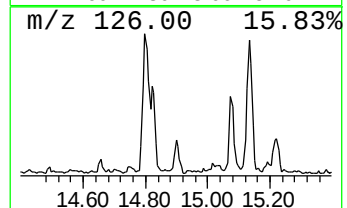
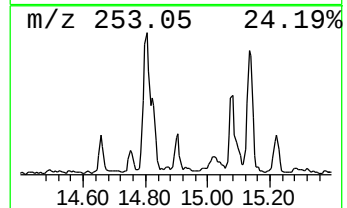
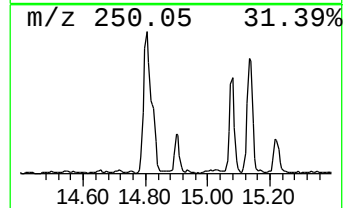
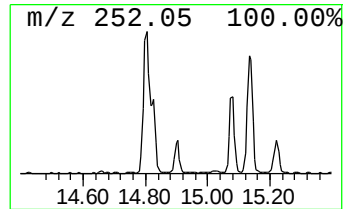
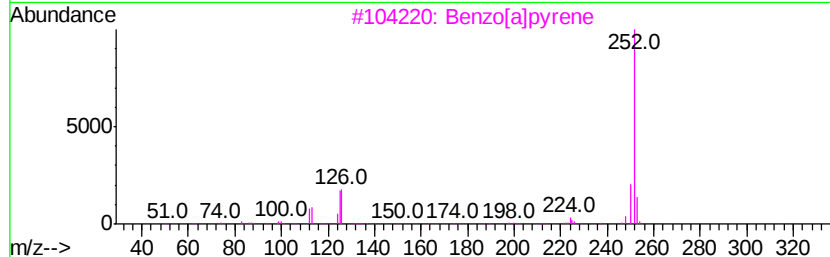
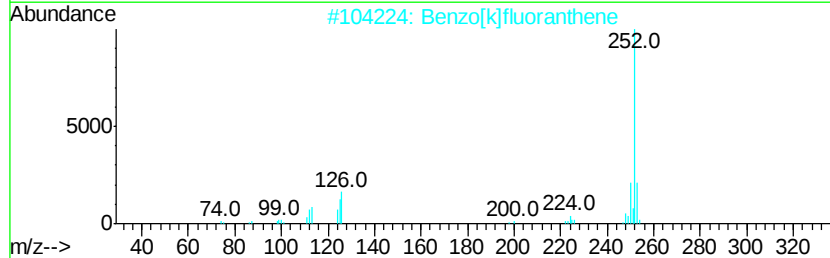
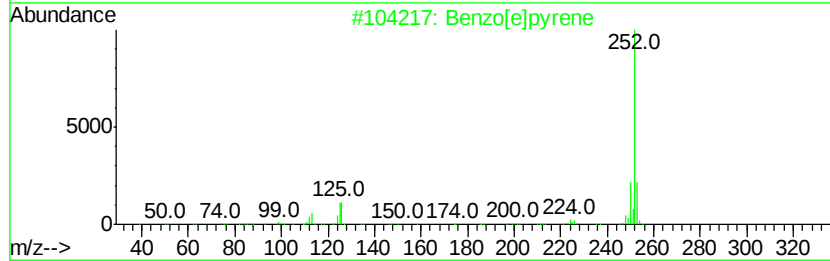
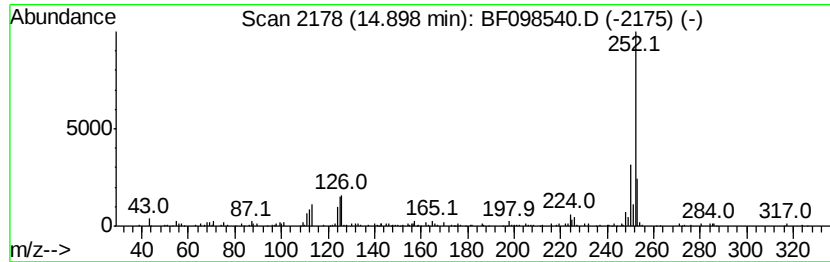
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.83 ng	115030	Perylene-d12	15.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



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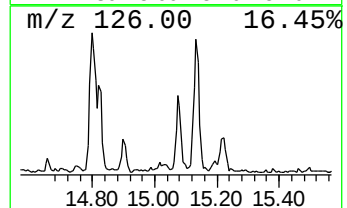
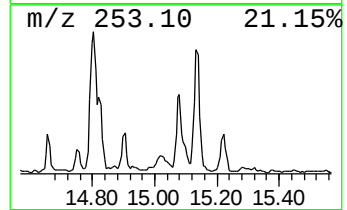
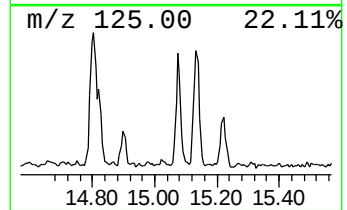
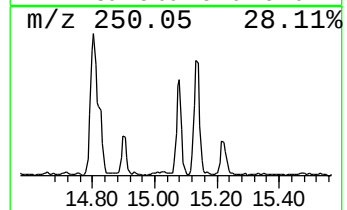
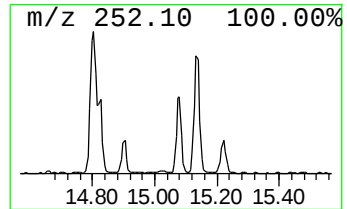
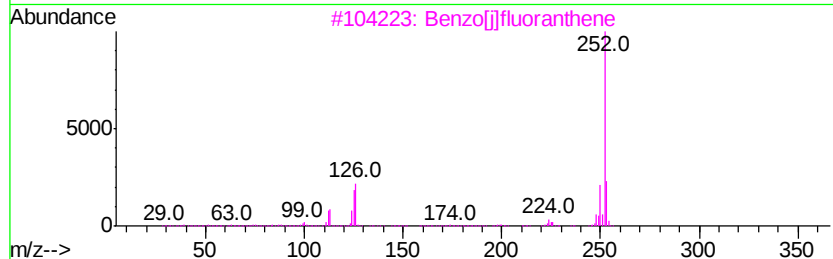
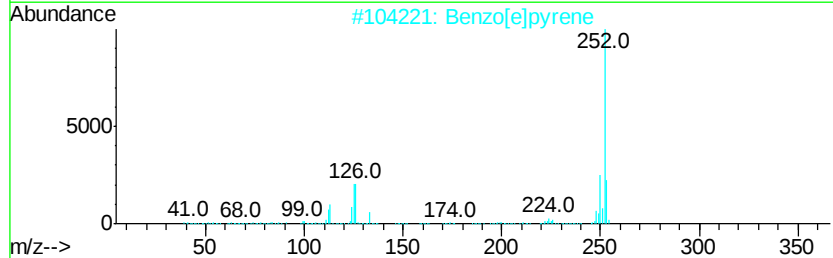
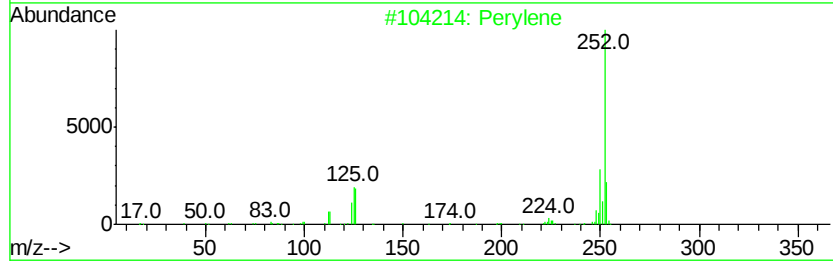
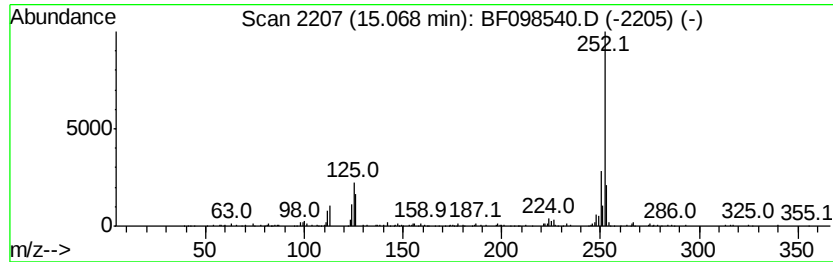
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	7.49 ng	304743	Perylene-d12	15.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
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ClientSampleId :
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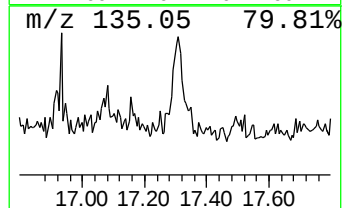
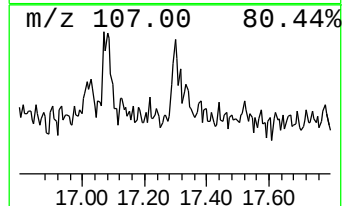
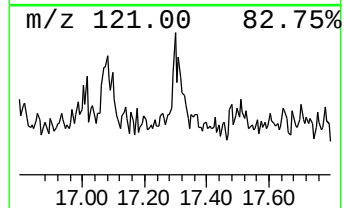
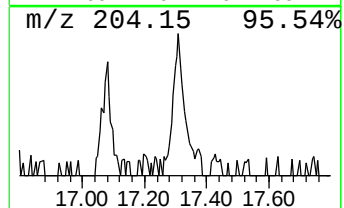
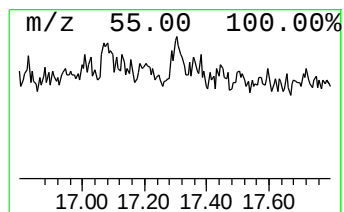
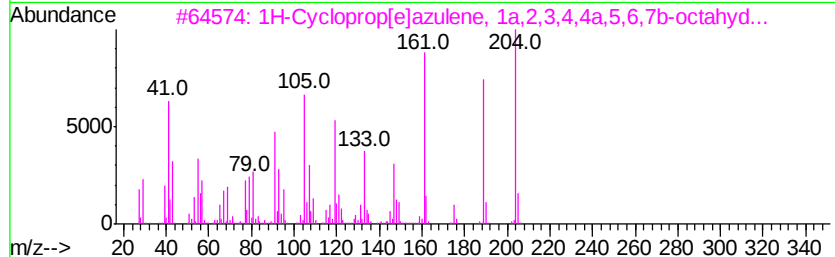
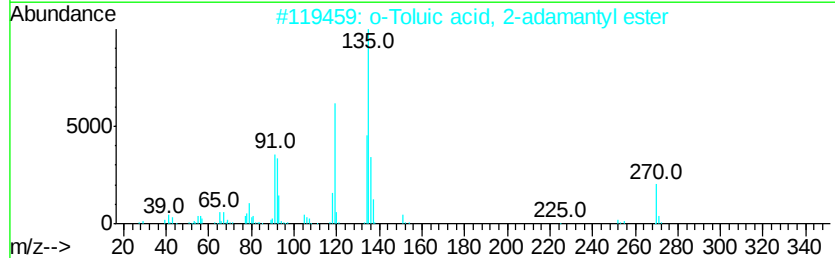
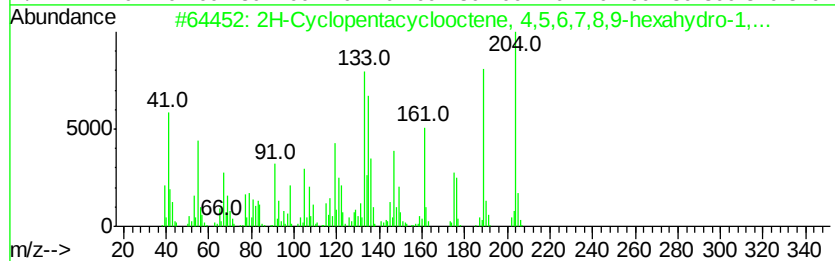
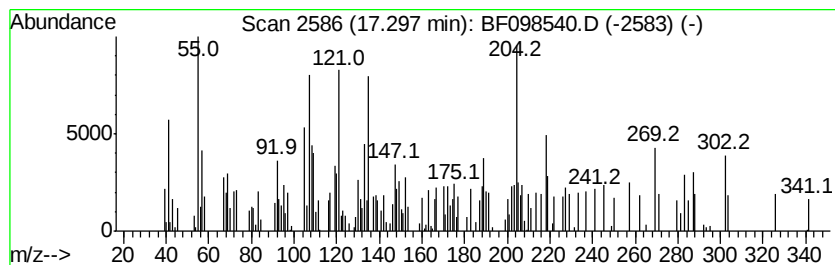
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.30 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.43 ng	98853	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
2		o-Toluic acid, 2-adamantyl ester	270	C18H22O2	1000292-22-5	35
3		1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	30
4		1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	30
5		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098540.D
 Acq On : 14 Sep 2017 20:56
 Operator : SJ/JU
 Sample : I5160-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-8A-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.83	10.2	ng	386765	1	6.65	755289	20.0
unknown6.42	6.42	101.5	ng	3831610	1	6.65	755289	20.0
3-Methyl-4-(metho...	10.59	3.1	ng	168385	4	11.16	1101220	20.0
Naphtho[2,1-b]thi...	11.06	2.4	ng	134259	4	11.16	1101220	20.0
Phenanthrene, 2-m...	11.66	2.4	ng	130983	4	11.16	1101220	20.0
4H-Cyclopenta[def...	11.77	4.9	ng	269062	4	11.16	1101220	20.0
9-Octadecenamide, ...	13.23	3.0	ng	215520	5	13.80	1413550	20.0
1-Heptacosanol	13.64	3.0	ng	214964	5	13.80	1413550	20.0
Benzo[e]pyrene	14.90	2.8	ng	115030	6	15.19	813486	20.0
Perylene	15.07	7.5	ng	304743	6	15.19	813486	20.0
unknown17.30	17.30	2.4	ng	98853	6	15.19	813486	20.0