

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105085.D
 Acq On : 3 May 2018 20:58
 Operator : JU/SJ
 Sample : J2667-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 155-348-281

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	4.998	491	495	510	rBV	63924	115250	3.97%	0.304%
2	5.404	561	564	599	rBV	1565980	2424135	83.54%	6.399%
3	6.434	735	739	756	rBV	1845313	2423449	83.52%	6.397%
4	6.557	756	760	781	rVB	2411490	2572782	88.67%	6.791%
5	6.775	794	797	807	rBV	597326	630520	21.73%	1.664%
6	6.934	820	824	840	rBV	2072301	1987837	68.51%	5.247%
7	7.351	890	895	909	rBV	1489460	1564122	53.91%	4.129%
8	8.063	1013	1016	1028	rBV	903136	944594	32.55%	2.493%
9	8.781	1135	1138	1144	rBV	37829	44355	1.53%	0.117%
10	8.880	1152	1155	1161	rVB	26229	29353	1.01%	0.077%
11	9.139	1195	1199	1208	rBV	3043196	2901592	100.00%	7.659%
12	9.480	1252	1257	1259	rBV2	28378	33247	1.15%	0.088%
13	9.533	1263	1266	1272	rVB	198996	216467	7.46%	0.571%
14	9.739	1298	1301	1305	rVB	80576	62676	2.16%	0.165%
15	9.822	1311	1315	1318	rBV	1009990	969698	33.42%	2.560%
16	9.851	1318	1320	1328	rVB	160396	142787	4.92%	0.377%
17	10.027	1347	1350	1353	rVV	111101	103006	3.55%	0.272%
18	10.063	1353	1356	1360	rVB3	30692	34916	1.20%	0.092%
19	10.239	1383	1386	1389	rVB	113301	90866	3.13%	0.240%
20	10.369	1405	1408	1414	rVB	194187	175944	6.06%	0.464%
21	10.457	1414	1423	1425	rBV3	67343	105445	3.63%	0.278%
22	10.527	1433	1435	1441	rVB2	47030	51974	1.79%	0.137%
23	10.616	1446	1450	1464	rVV	1733337	1804559	62.19%	4.764%
24	10.710	1464	1466	1472	rVV	96974	129815	4.47%	0.343%
25	10.804	1476	1482	1488	rBV6	27250	50336	1.73%	0.133%
26	10.922	1494	1502	1504	rBV3	56195	90492	3.12%	0.239%
27	11.045	1518	1523	1525	rBV3	30532	47960	1.65%	0.127%
28	11.163	1539	1543	1546	rBV2	118590	134347	4.63%	0.355%
29	11.210	1549	1551	1554	rVB	81849	67888	2.34%	0.179%
30	11.310	1564	1568	1570	rBV	956858	899982	31.02%	2.376%
31	11.333	1570	1572	1576	rVV	1337279	1233622	42.52%	3.256%
32	11.386	1578	1581	1586	rVV	328980	333276	11.49%	0.880%
33	11.427	1586	1588	1593	rVB	38106	44947	1.55%	0.119%
34	11.551	1604	1609	1613	rBV2	186748	235520	8.12%	0.622%

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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

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35	11.816	1650	1654	1655	rBV	153191	144646	4.99%	0.382%
36	11.839	1655	1658	1664	rVB2	764727	691911	23.85%	1.826%
37	11.892	1664	1667	1669	rVB	85042	64113	2.21%	0.169%
38	11.927	1669	1673	1675	rBV	231729	240383	8.28%	0.635%
39	11.998	1682	1685	1688	rBV4	49531	63297	2.18%	0.167%
40	12.045	1690	1693	1697	rVV4	87389	121850	4.20%	0.322%
41	12.110	1701	1704	1707	rVV	123798	108861	3.75%	0.287%
42	12.157	1709	1712	1718	rVB3	145355	193367	6.66%	0.510%
43	12.257	1724	1729	1732	rBV	2422252	2467587	85.04%	6.514%
44	12.321	1737	1740	1744	rVB3	48310	51772	1.78%	0.137%
45	12.363	1744	1747	1749	rBV	95994	97373	3.36%	0.257%
46	12.463	1760	1764	1767	rBV2	47409	66351	2.29%	0.175%
47	12.533	1772	1776	1779	rBV	1316952	1211626	41.76%	3.198%
48	12.557	1779	1780	1784	rVB2	107207	100524	3.46%	0.265%
49	12.621	1788	1791	1797	rVV	258702	248641	8.57%	0.656%
50	12.680	1799	1801	1804	rVB	55664	51281	1.77%	0.135%
51	12.763	1812	1815	1821	rVB	994144	940914	32.43%	2.484%
52	12.816	1821	1824	1827	rVB2	81148	85926	2.96%	0.227%
53	12.904	1831	1839	1842	rBV	2253909	2221004	76.54%	5.863%
54	12.992	1848	1854	1858	rVB3	72070	123170	4.24%	0.325%
55	13.039	1859	1862	1865	rVV	318305	256786	8.85%	0.678%
56	13.098	1865	1872	1875	rVV	224863	260161	8.97%	0.687%
57	13.121	1875	1876	1880	rVB2	40278	31244	1.08%	0.082%
58	13.163	1880	1883	1886	rBV	182909	159087	5.48%	0.420%
59	13.198	1886	1889	1892	rVB2	76696	106817	3.68%	0.282%
60	13.298	1904	1906	1909	rBV	50641	50463	1.74%	0.133%
61	13.333	1909	1912	1915	rBV4	61497	71053	2.45%	0.188%
62	13.480	1935	1937	1940	rVB2	61412	52033	1.79%	0.137%
63	13.568	1949	1952	1955	rBV	63781	63271	2.18%	0.167%
64	13.663	1966	1968	1971	rBV	61622	60380	2.08%	0.159%
65	13.745	1980	1982	1983	rBV	62777	49749	1.71%	0.131%
66	13.768	1983	1986	1989	rVV2	265135	265723	9.16%	0.701%
67	13.827	1993	1996	1999	rVB2	173287	196589	6.78%	0.519%
68	14.015	2020	2028	2031	rBV2	703923	1193603	41.14%	3.151%
69	14.045	2031	2033	2036	rVB	369679	318997	10.99%	0.842%
70	14.104	2041	2043	2045	rBV3	64793	60551	2.09%	0.160%
71	14.180	2053	2056	2060	rBV4	46684	51713	1.78%	0.137%

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 Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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72	14.274	2070	2072	2076	rVB	39391	42592	1.47%	0.112%
73	14.439	2098	2100	2104	rVB	86338	89034	3.07%	0.235%
74	14.521	2111	2114	2117	rBV2	66809	77438	2.67%	0.204%
75	14.986	2191	2193	2197	rBV2	47888	50698	1.75%	0.134%
76	15.145	2216	2220	2223	rBV	323318	455794	15.71%	1.203%
77	15.204	2228	2230	2235	rVB3	64250	80548	2.78%	0.213%
78	15.257	2236	2239	2243	rVB	74139	79548	2.74%	0.210%
79	15.451	2269	2272	2279	rVB	172268	230005	7.93%	0.607%
80	15.515	2279	2283	2289	rVB	273249	339190	11.69%	0.895%
81	15.580	2289	2294	2298	rBV	456518	591096	20.37%	1.560%
82	16.021	2365	2369	2373	rBV2	49050	80806	2.78%	0.213%
83	17.068	2541	2547	2559	rVB2	99247	240472	8.29%	0.635%
84	17.251	2572	2578	2583	rBV4	52798	119850	4.13%	0.316%
85	17.503	2618	2621	2633	rVB2	68321	165277	5.70%	0.436%

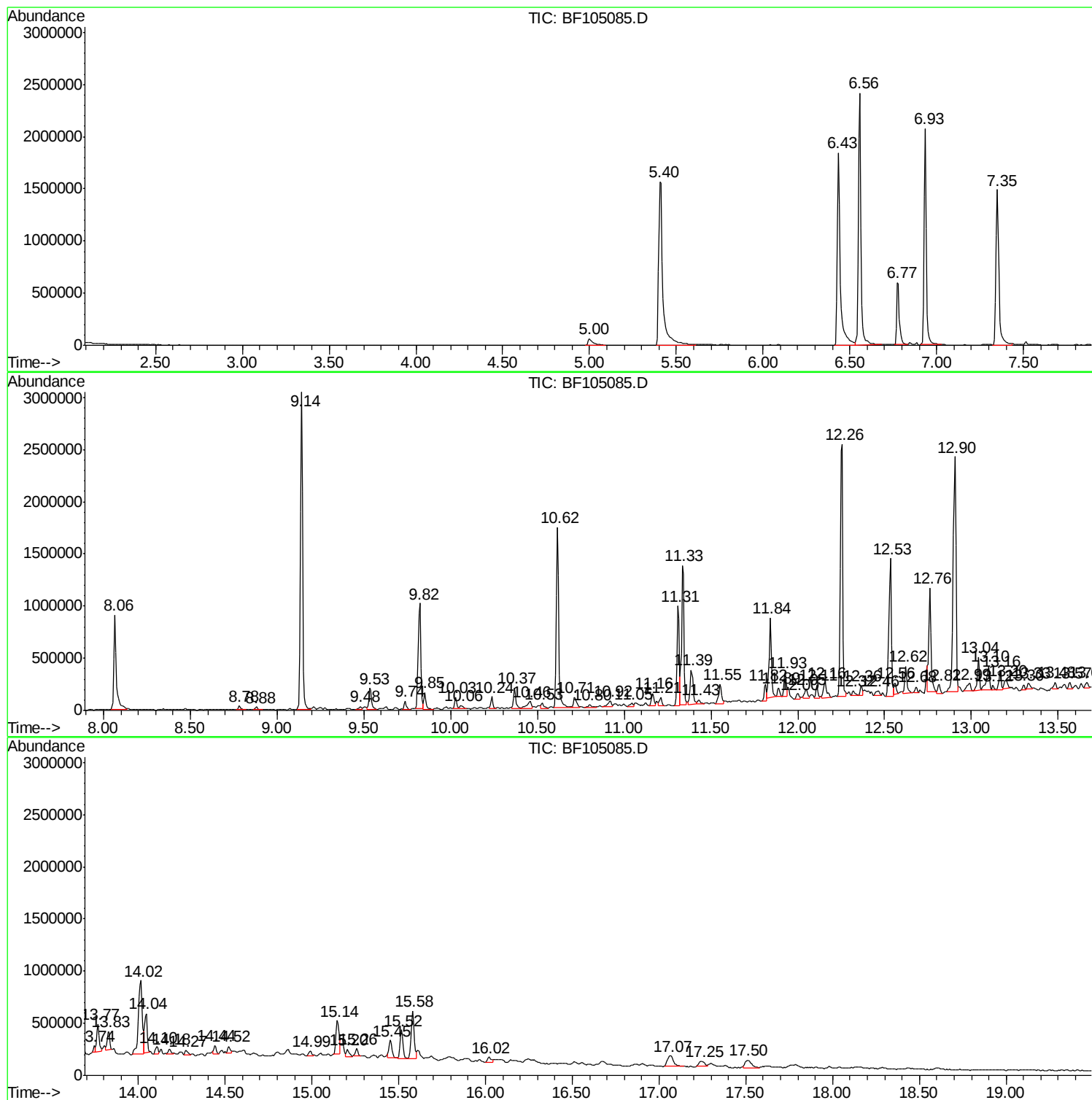
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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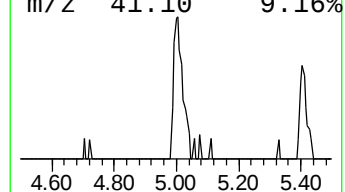
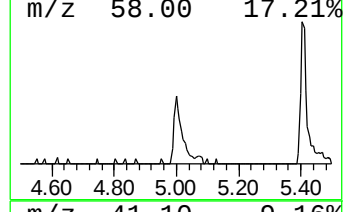
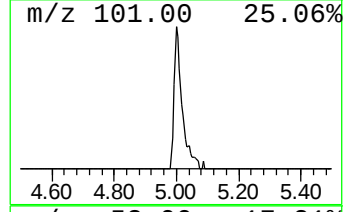
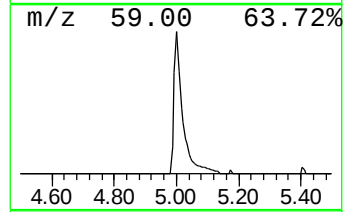
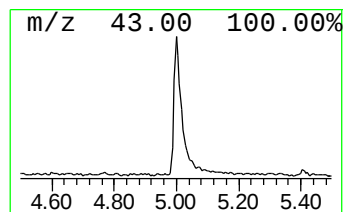
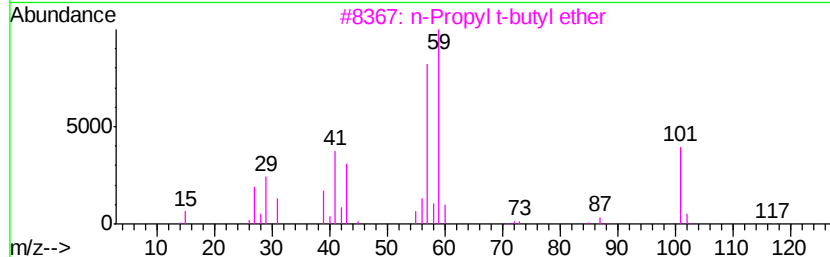
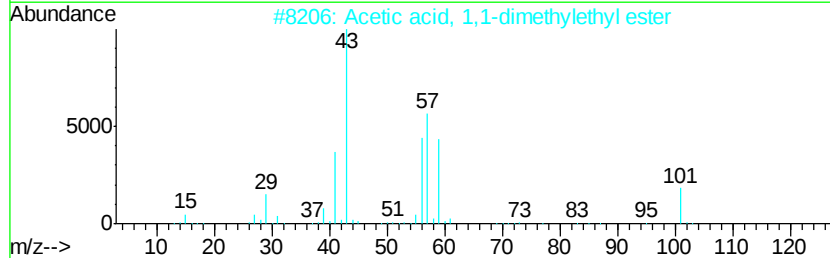
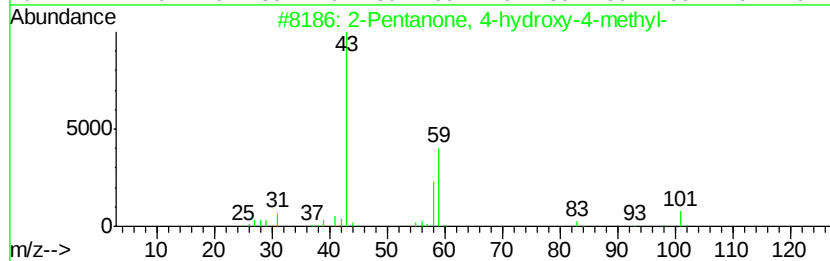
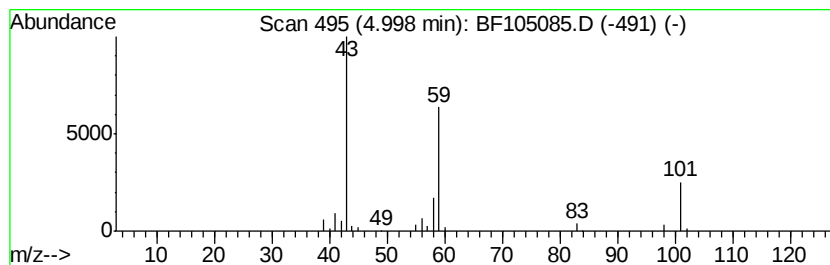
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.66 ng	115250	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	23



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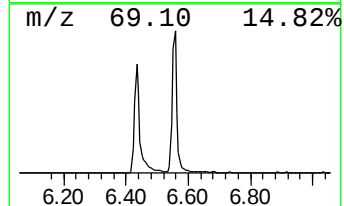
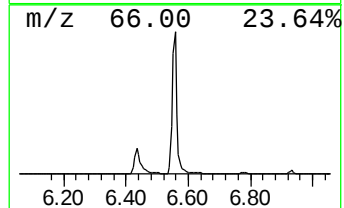
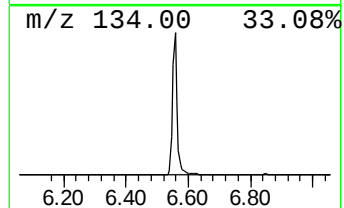
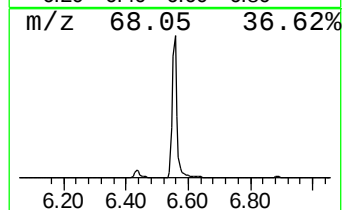
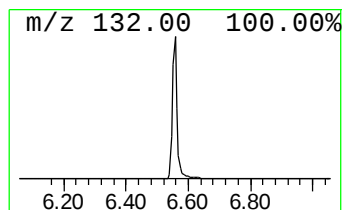
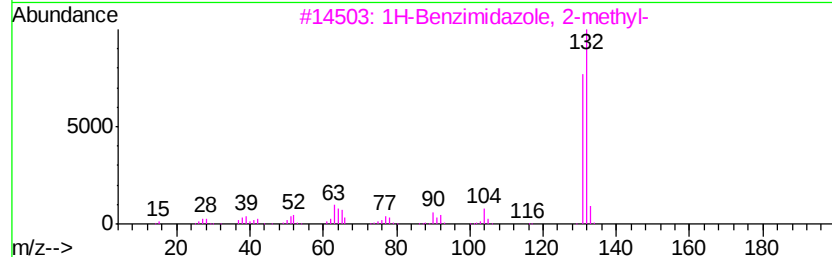
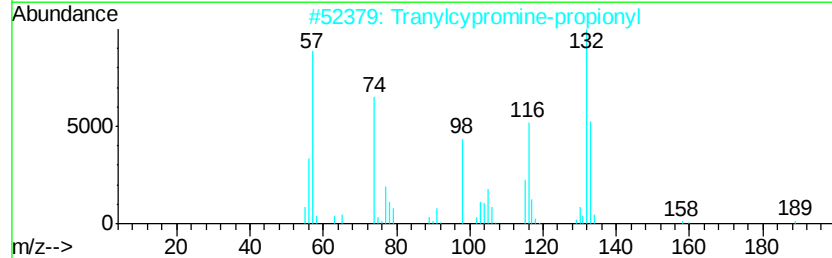
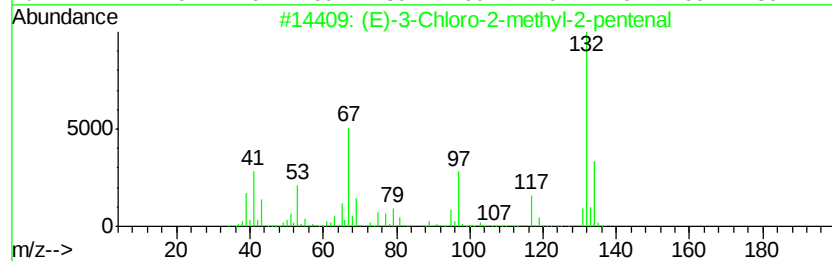
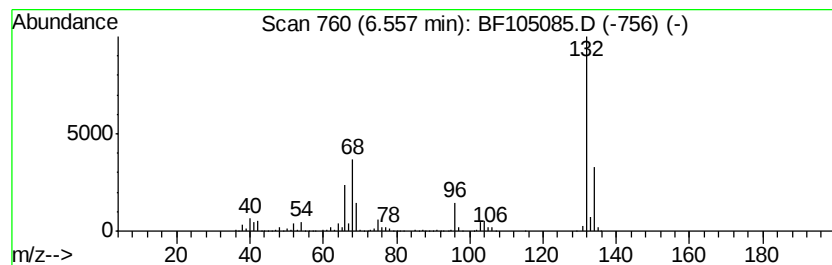
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	81.61 ng	2572780	1,4-Dichlorobenzene-d4	6.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17	
2	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12	
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10	
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9	
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9	



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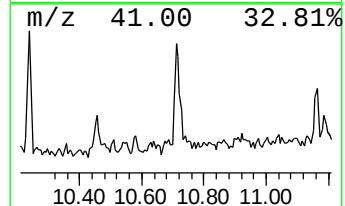
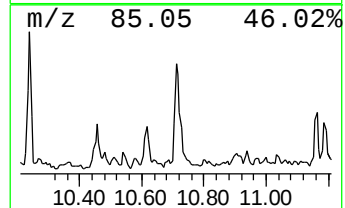
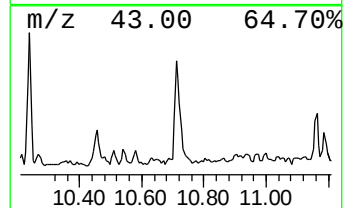
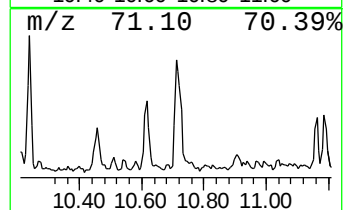
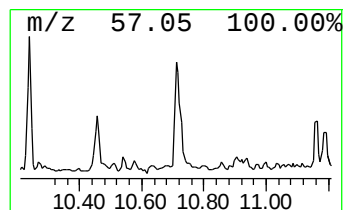
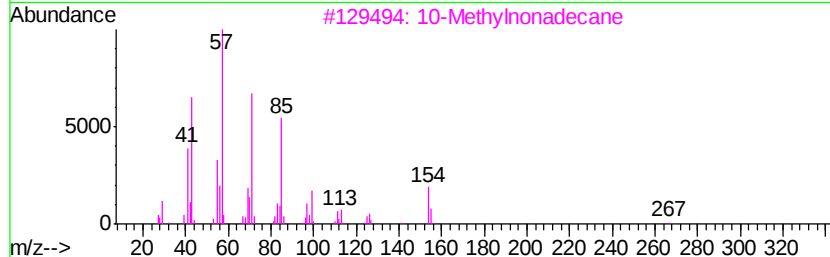
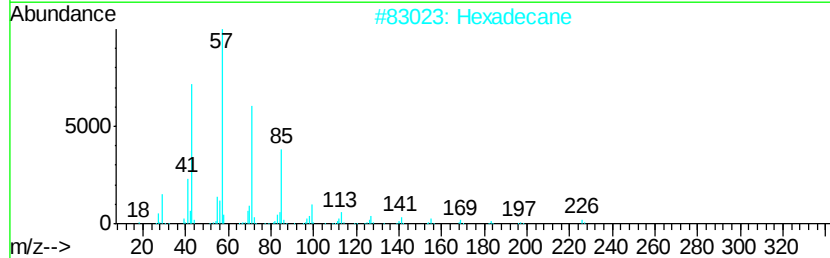
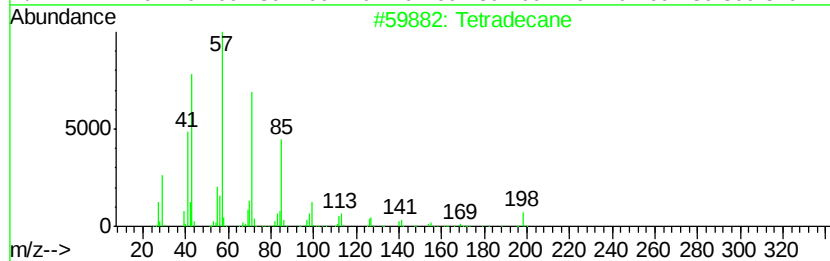
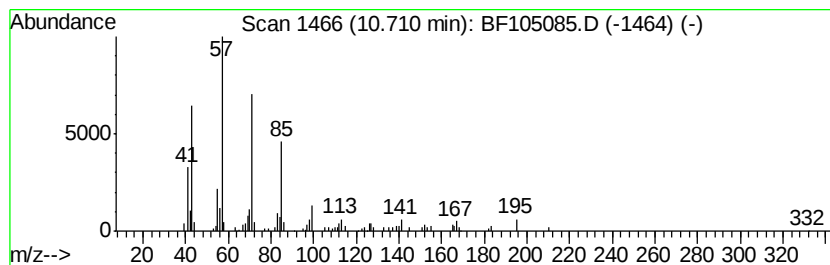
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	2.88 ng	129815	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		10-Methylnonadecane	282	C20H42	056862-62-5	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



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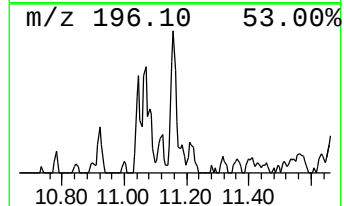
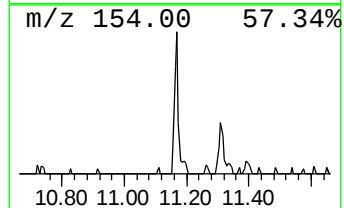
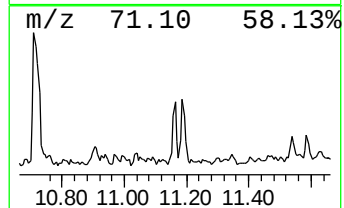
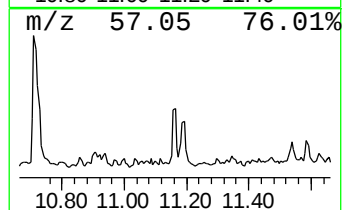
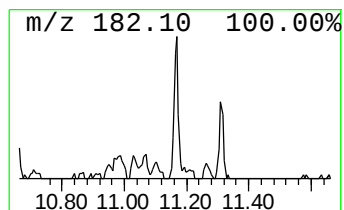
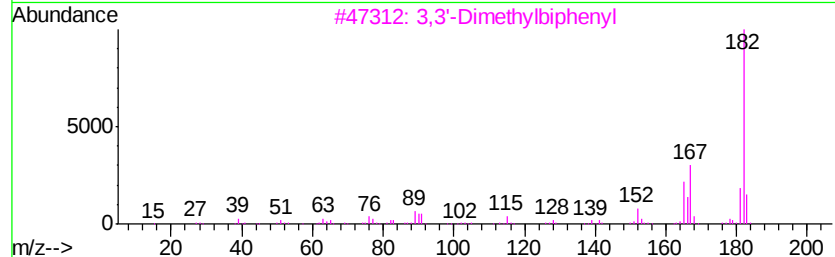
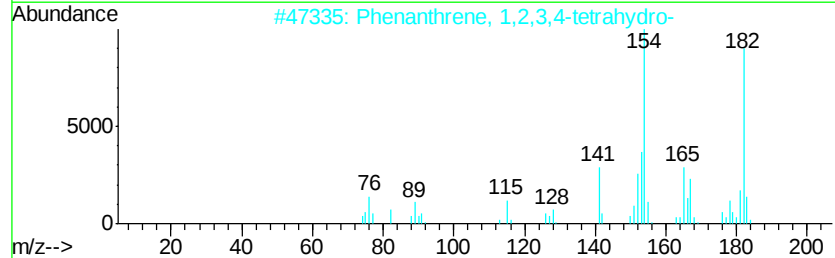
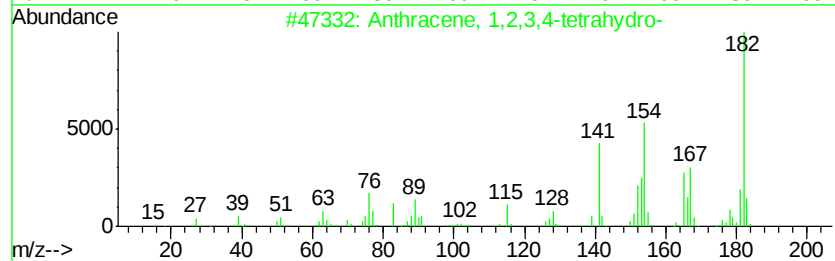
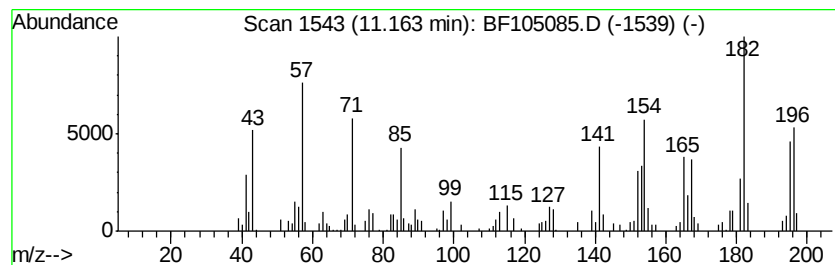
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.16	2.99 ng	134347	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	50
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	30
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	30
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
155-348-281

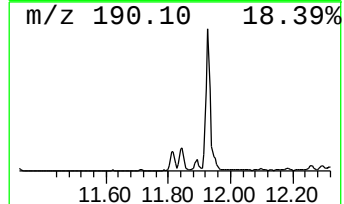
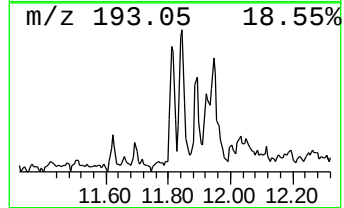
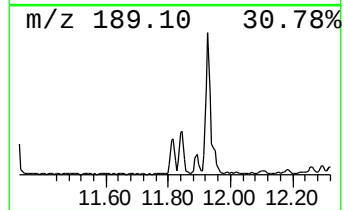
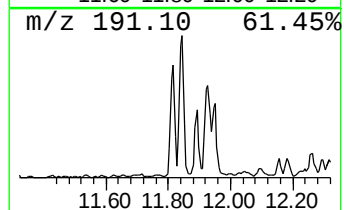
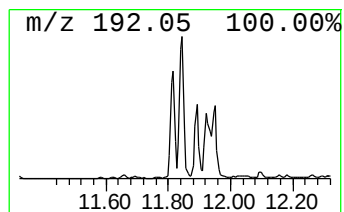
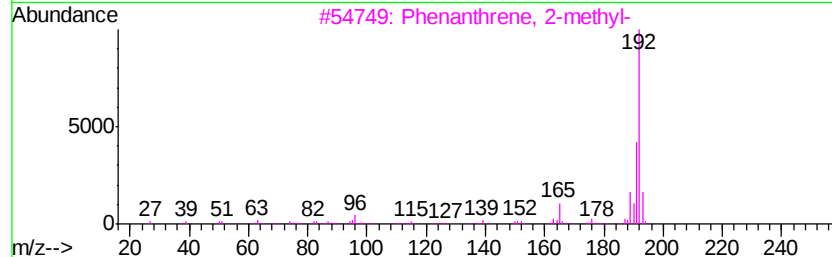
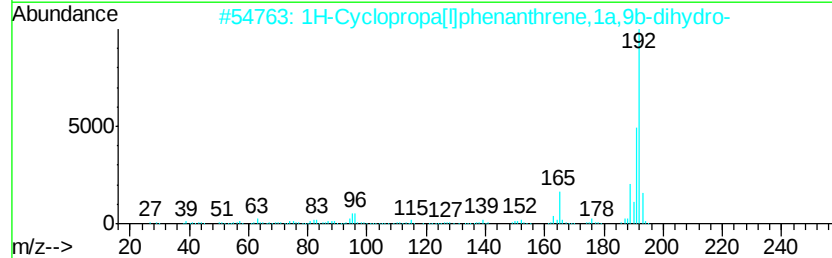
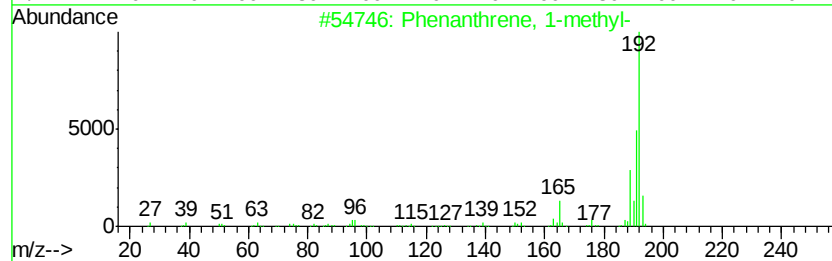
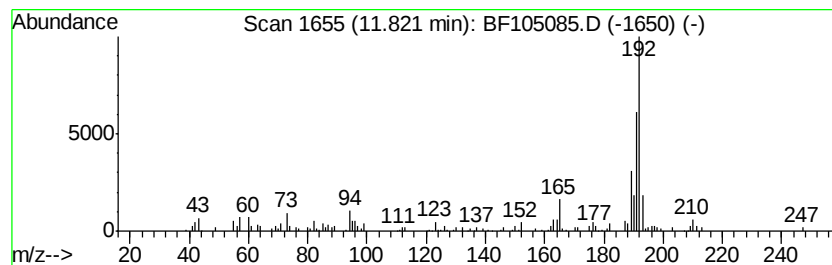
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.21 ng	144646	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
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Sample : J2667-05
Misc :
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Instrument :
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ClientSampleId :
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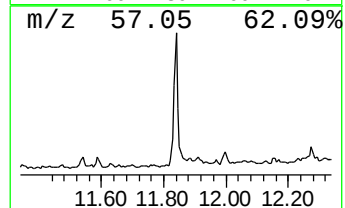
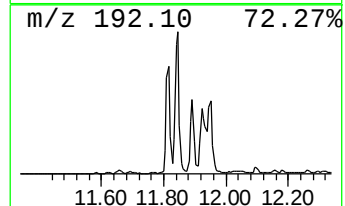
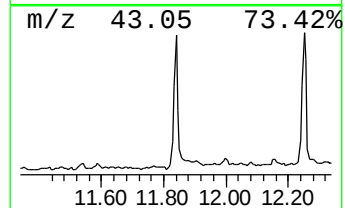
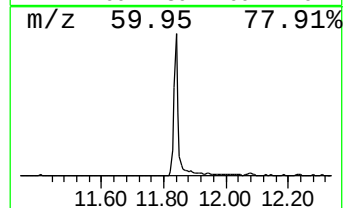
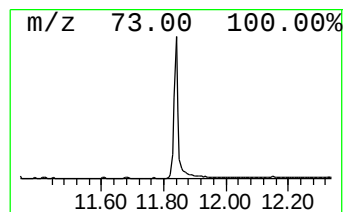
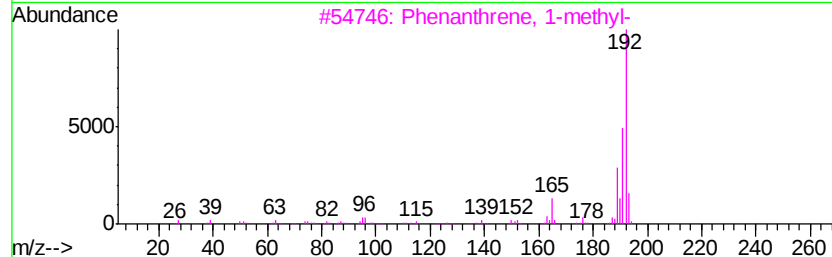
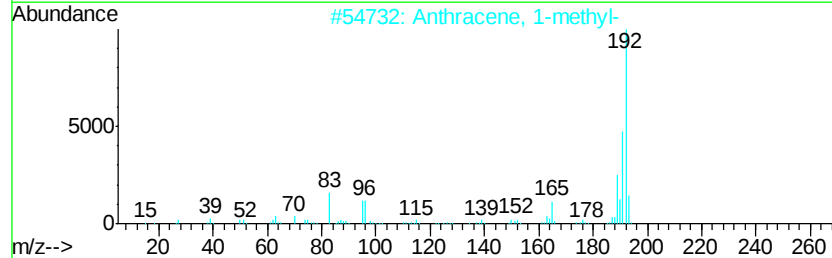
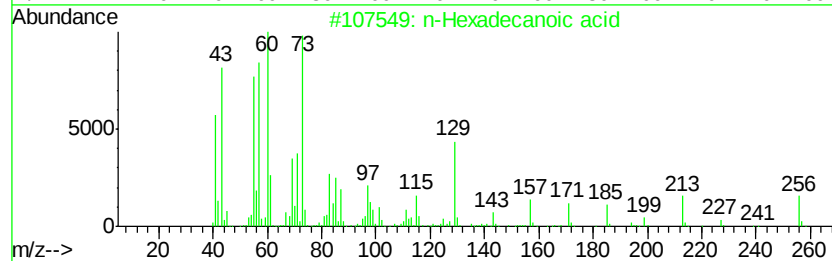
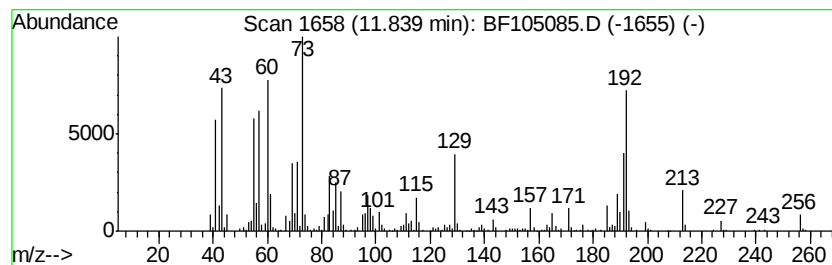
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	15.38 ng	691911	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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Acq On : 3 May 2018 20:58
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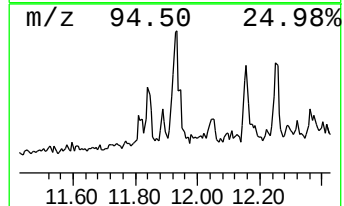
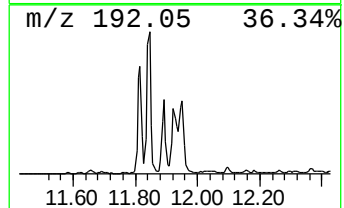
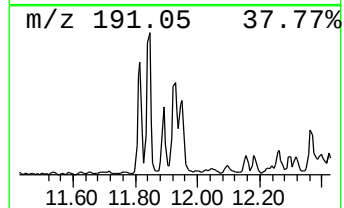
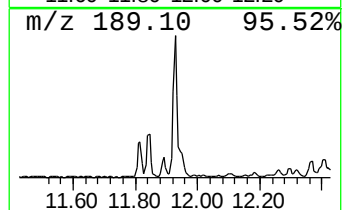
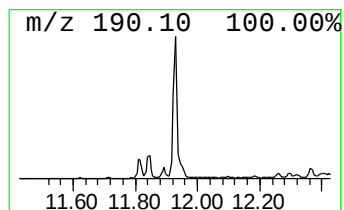
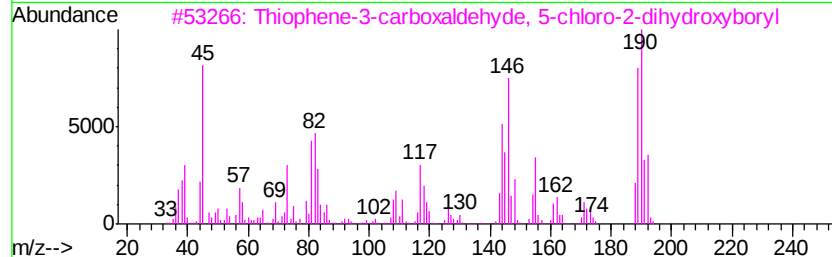
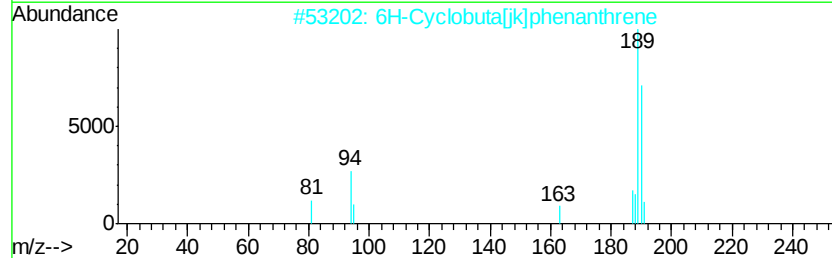
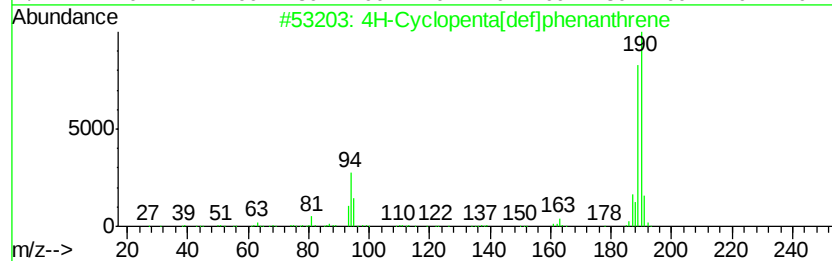
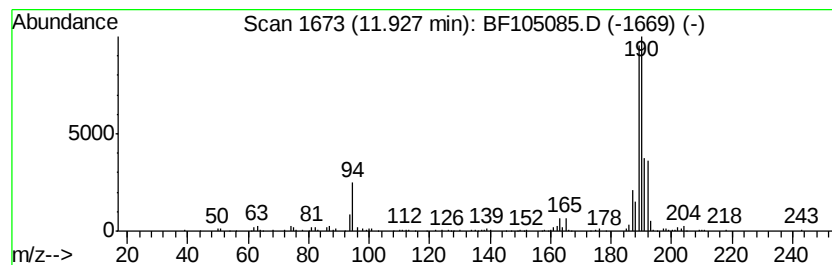
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	5.34 ng	240383	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
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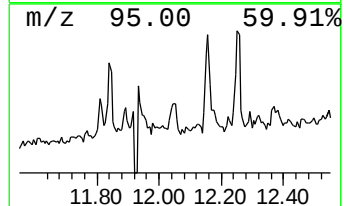
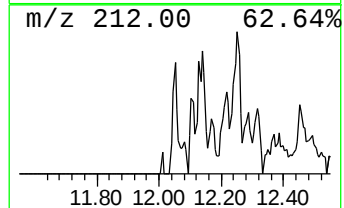
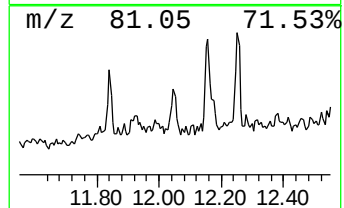
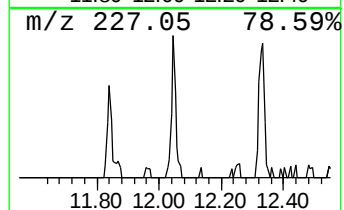
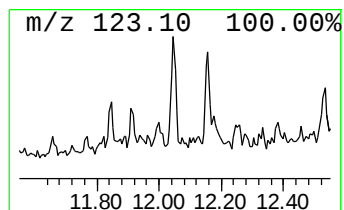
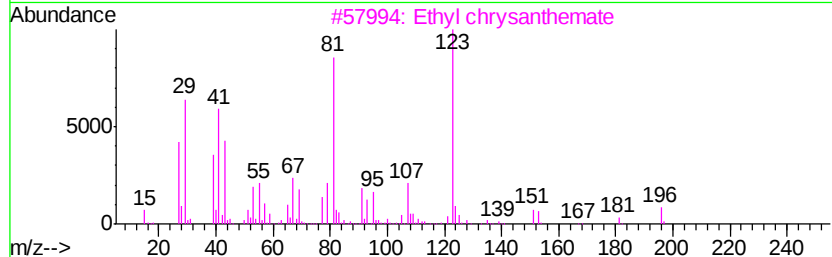
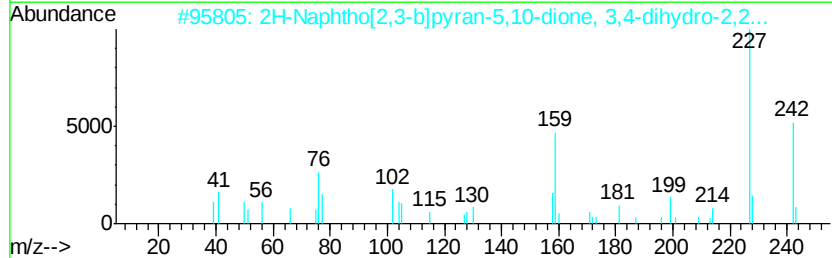
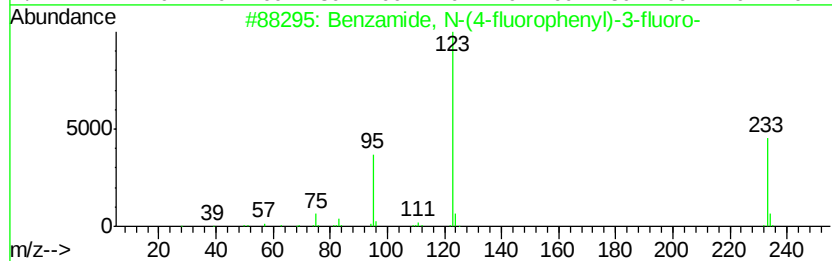
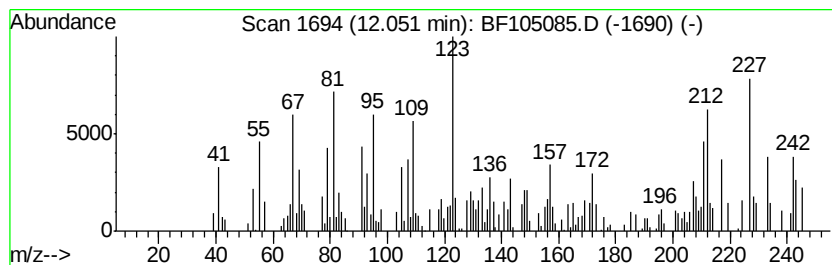
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.71 ng	121850	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	30
2	2H-Naphtho[2,3-b]pyran-5,10-dion...	242	C15H14O3	004707-33-9	25
3	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	25
4	Ethyl 4-hydroxy-dl-mandelate	196	C10H12O4	068758-68-9	18
5	Benzamide, 4-fluoro-N-(2,6-dimet...	243	C15H14FNO	117805-18-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
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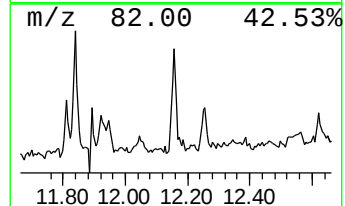
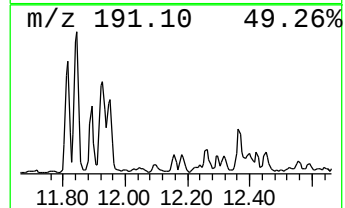
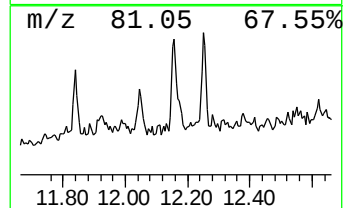
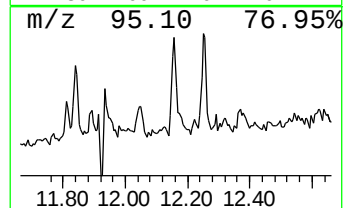
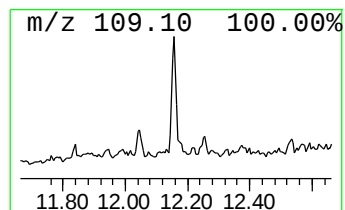
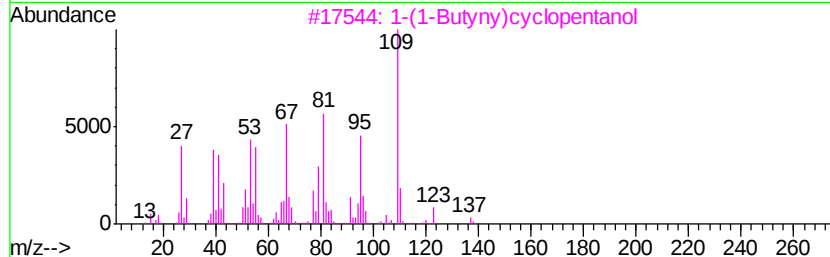
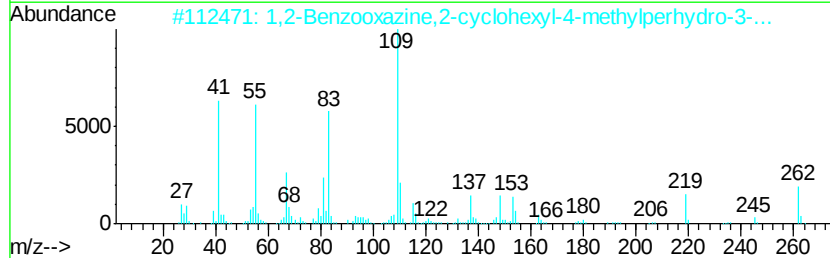
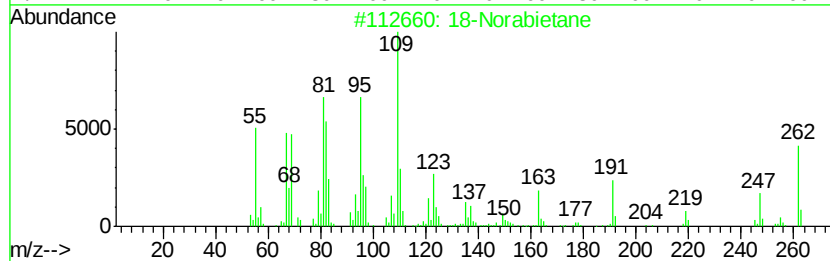
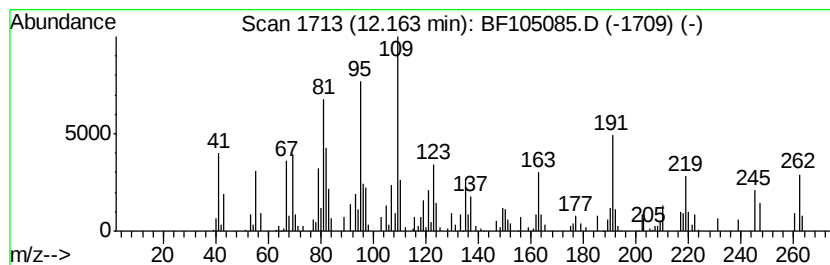
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 18-Norabietane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.30 ng	193367	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			18-Norabietane	262	C19H34	1000293-16-6	89
2			1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	55
3			1-(1-Butynyl)cyclopentanol	138	C9H14O	1000342-86-5	38
4			3,5-Dimethyl-1-octylpyrazole	208	C13H24N2	001138-46-1	35
5			Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
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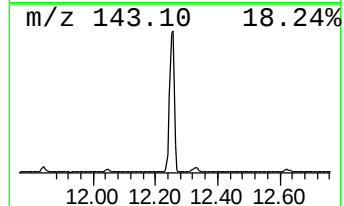
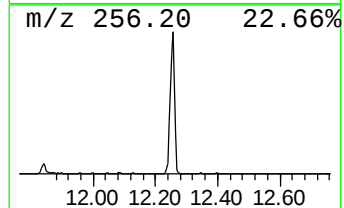
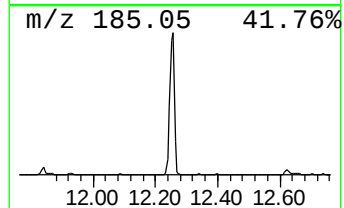
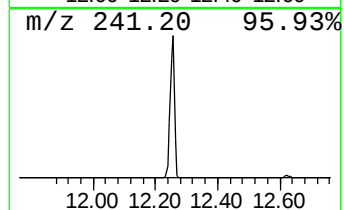
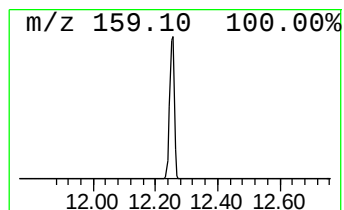
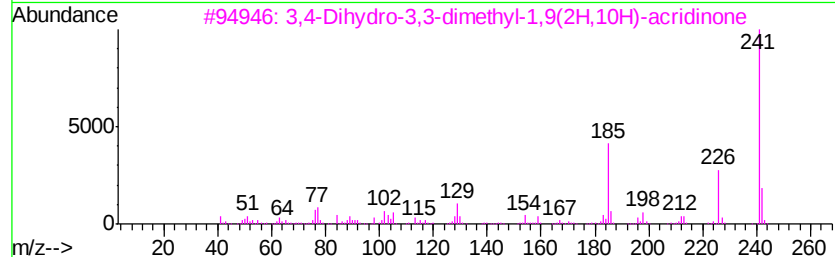
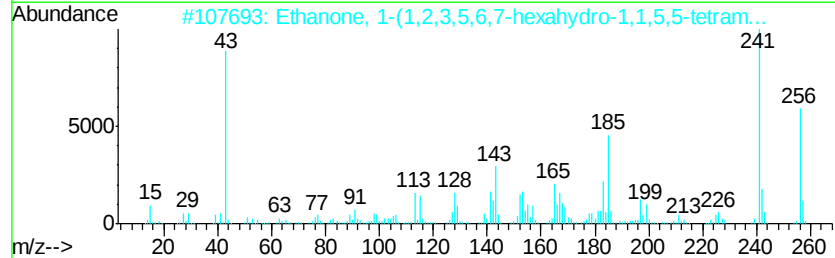
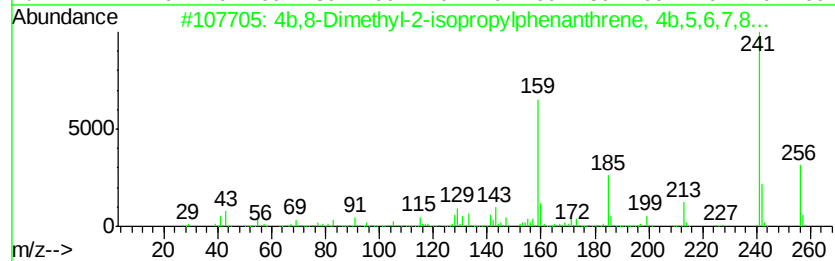
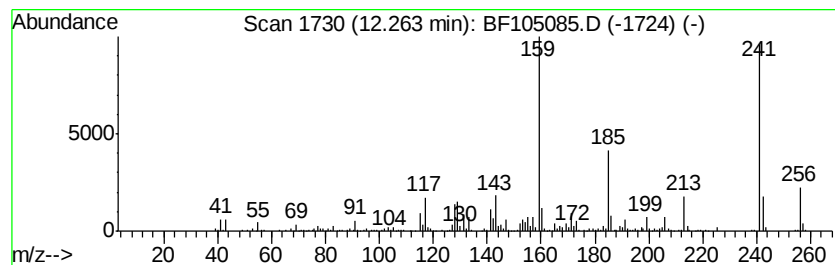
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	54.84 ng	2467590	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	38
3		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
4		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
5		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
155-348-281

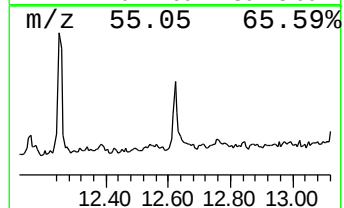
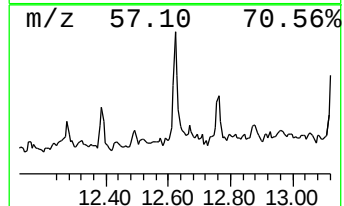
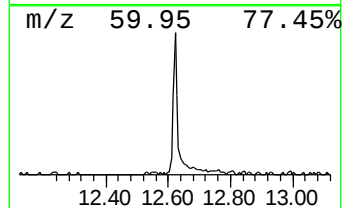
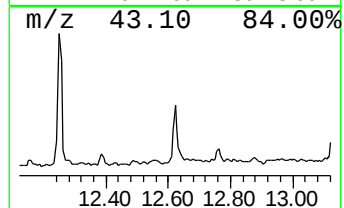
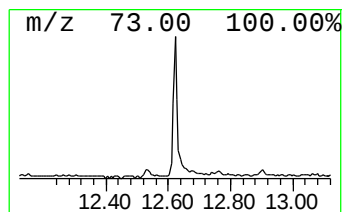
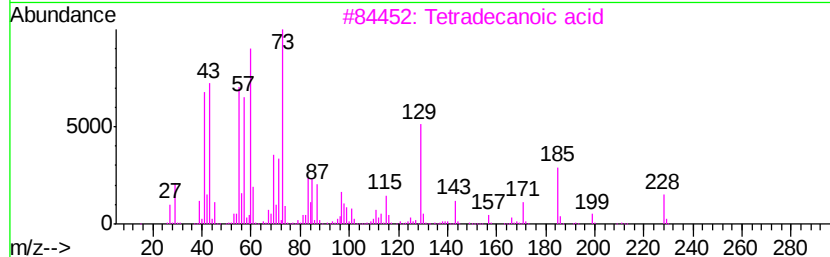
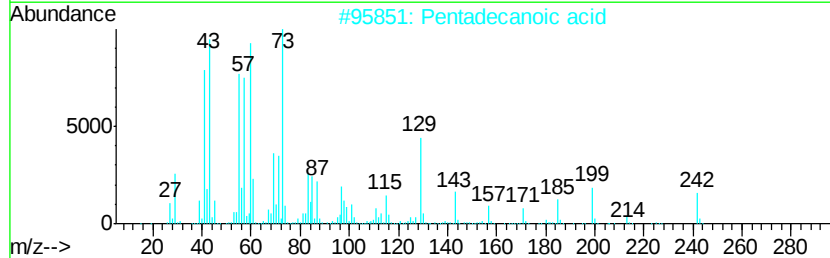
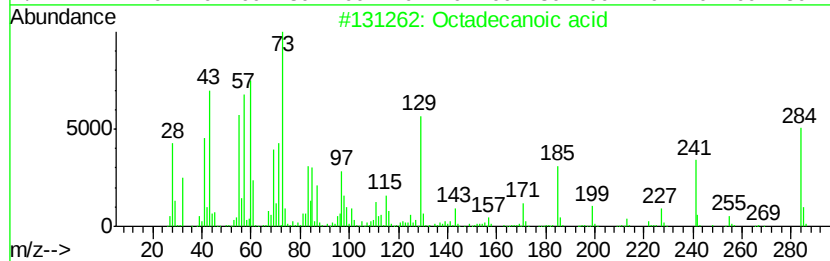
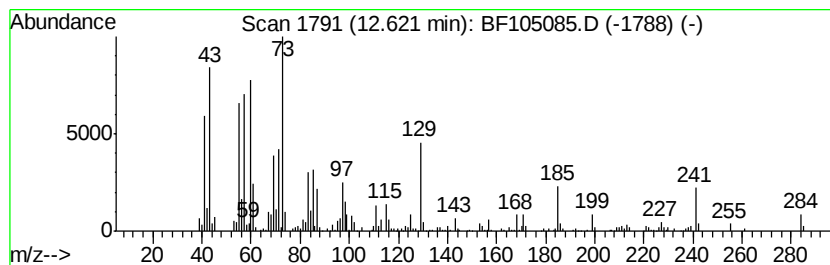
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	5.53 ng	248641	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
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Sample : J2667-05
Misc :
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Instrument :
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ClientSampleId :
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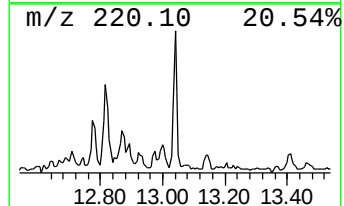
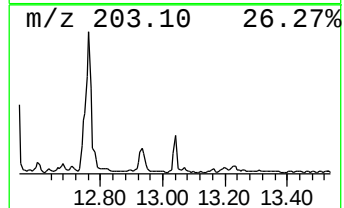
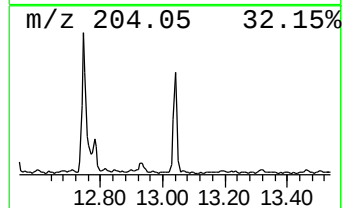
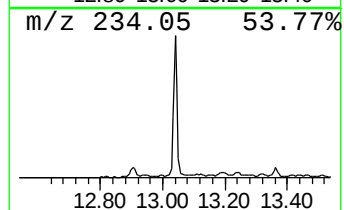
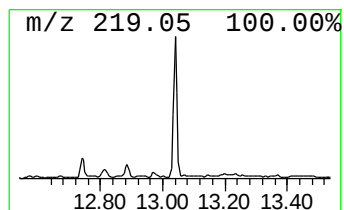
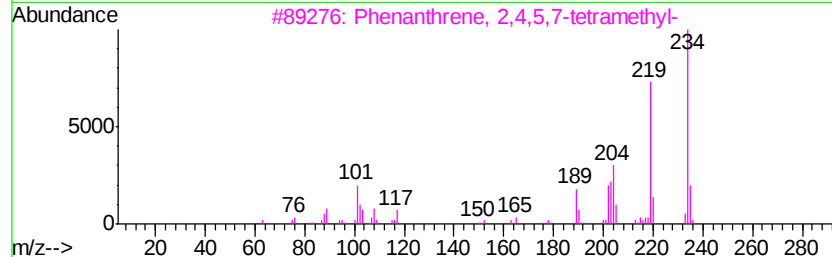
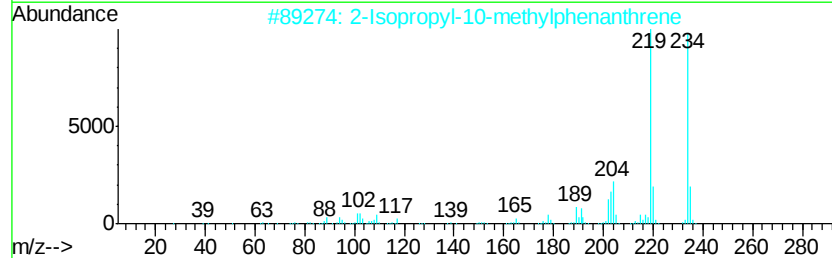
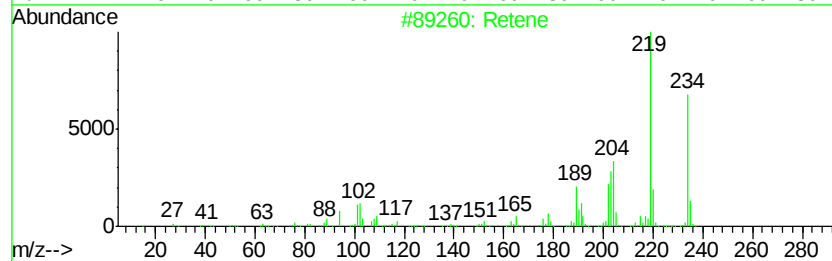
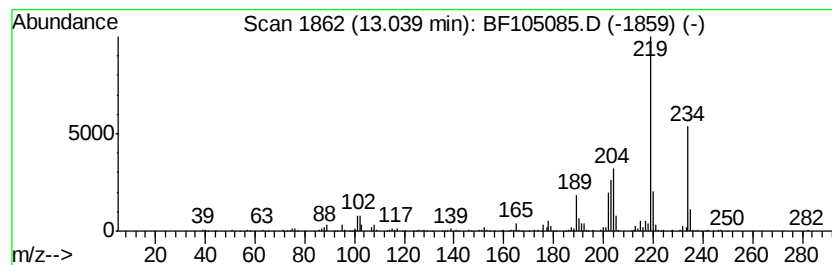
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.30 ng	256786	Chrysene-d12	14.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	96
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
4			3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	58
5			Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
155-348-281

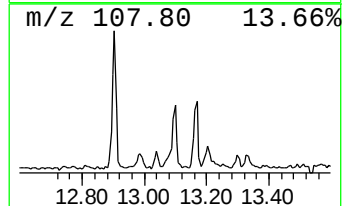
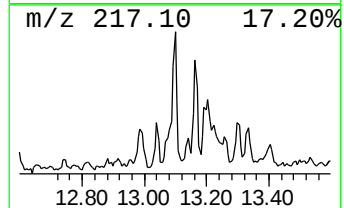
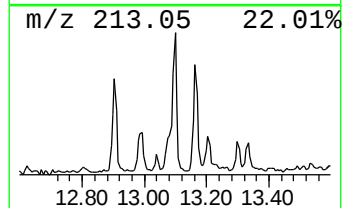
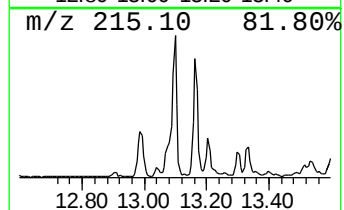
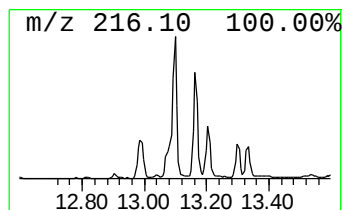
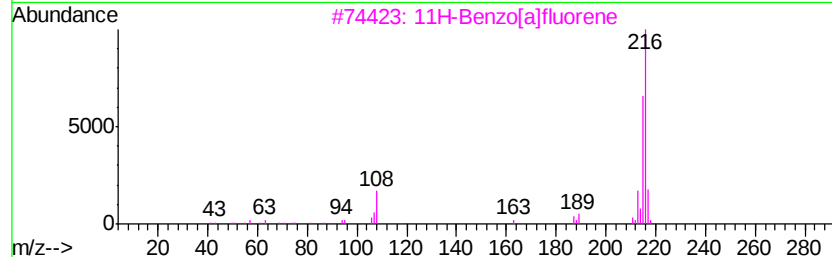
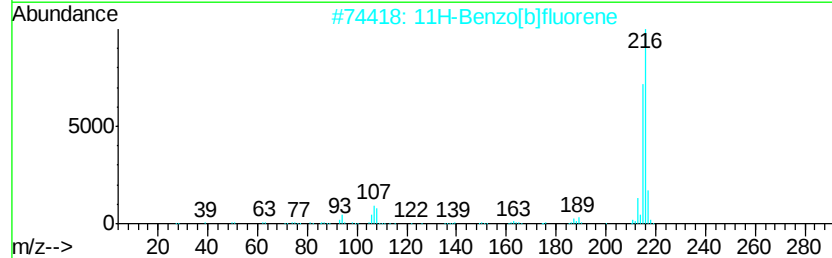
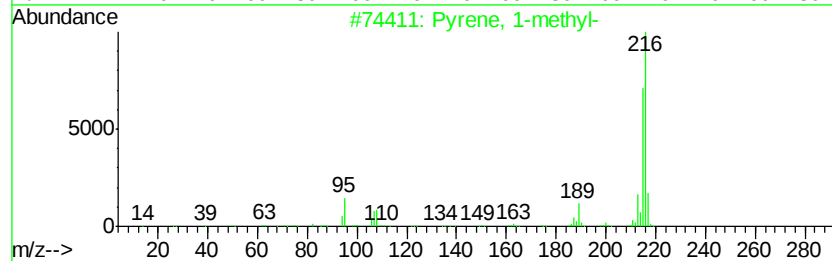
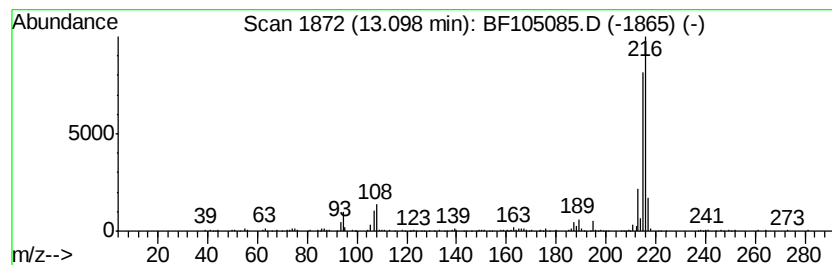
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.36 ng	260161	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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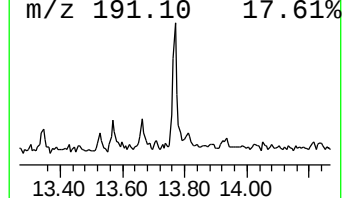
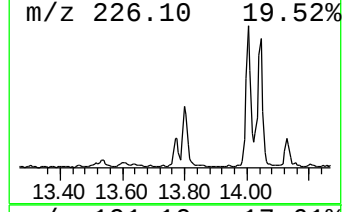
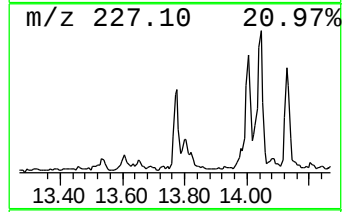
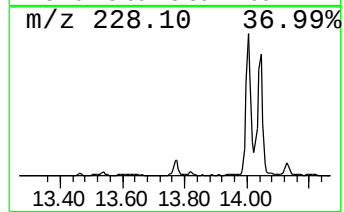
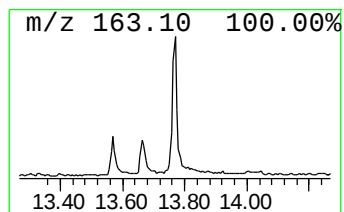
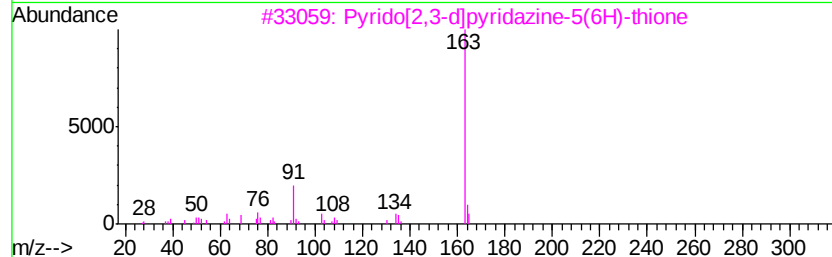
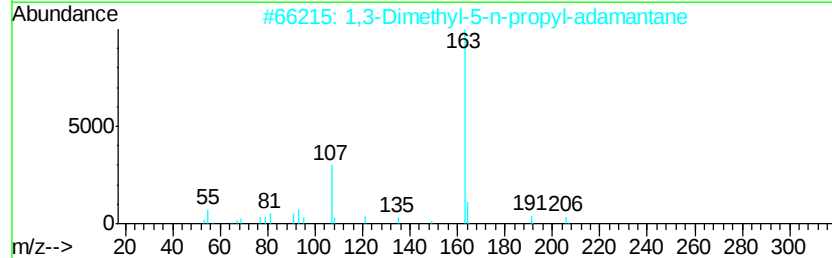
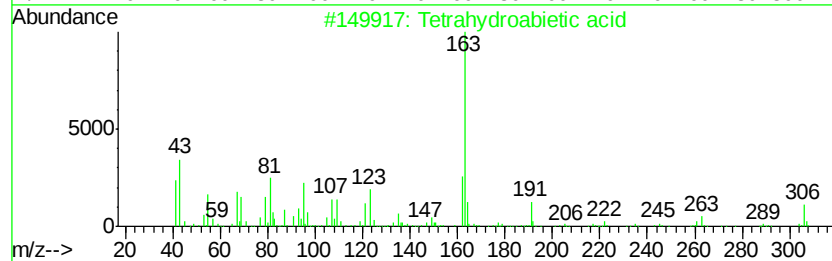
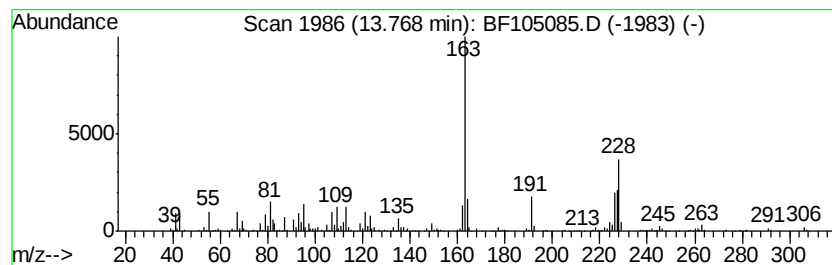
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetrahydroabietic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.45 ng	265723	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydroabietic acid	306	C20H34O2	1000251-96-9	55
2		1,3-Dimethyl-5-n-propyl-adamantane	206	C15H26	019385-87-6	38
3		Pyrrolo[2,3-d]pyridazine-5(6H)-th...	163	C7H5N3S	015370-85-1	35
4		2,3,4,5-Tetrafluorobenzyl alcohol...	250	C12H14F4O	1000375-29-2	35
5		1,2-Hexanediol, 1,2-diphenyl-	270	C18H22O2	080475-19-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
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Misc :
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ClientSampleId :
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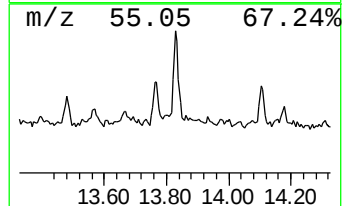
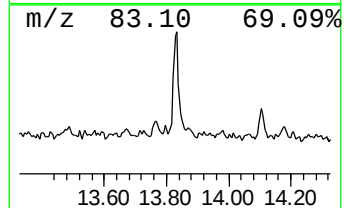
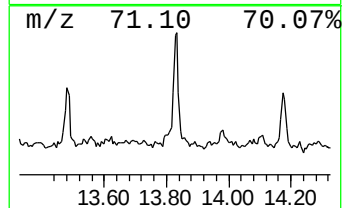
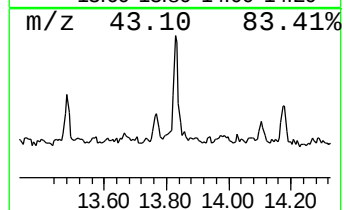
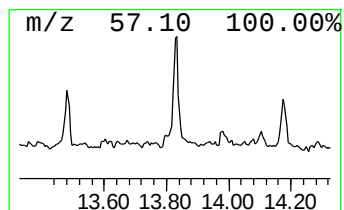
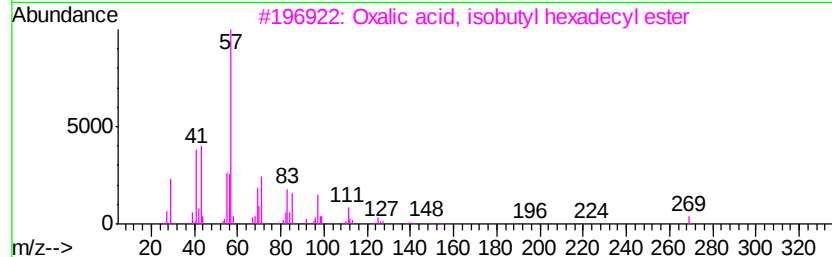
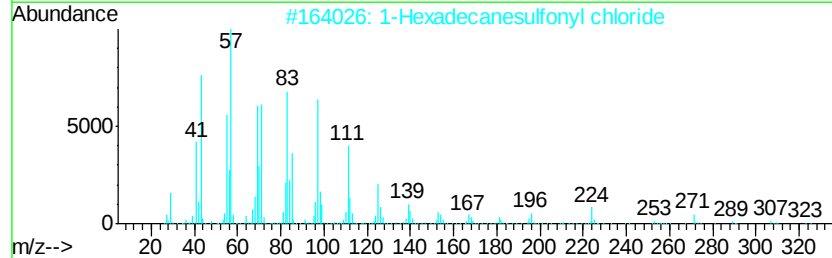
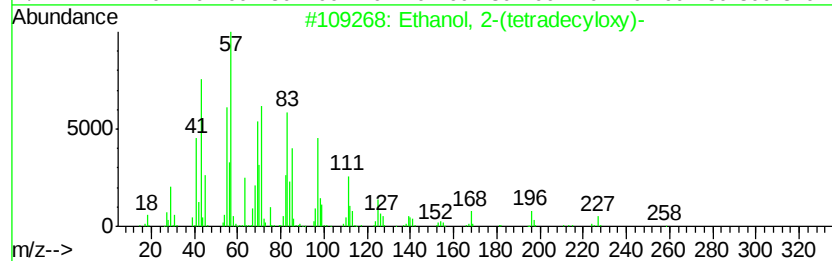
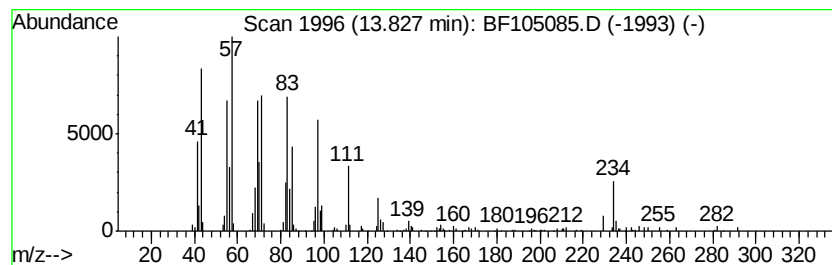
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Ethanol, 2-(tetradecyloxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.29 ng	196589	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	86
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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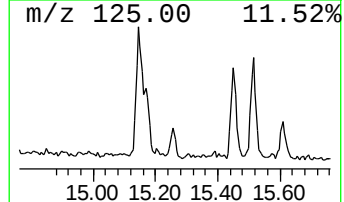
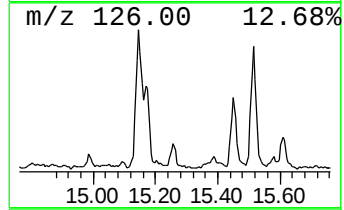
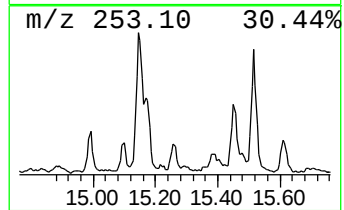
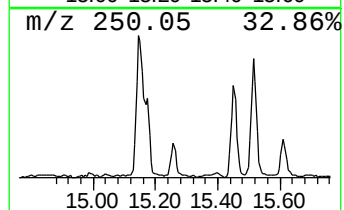
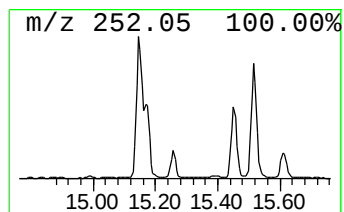
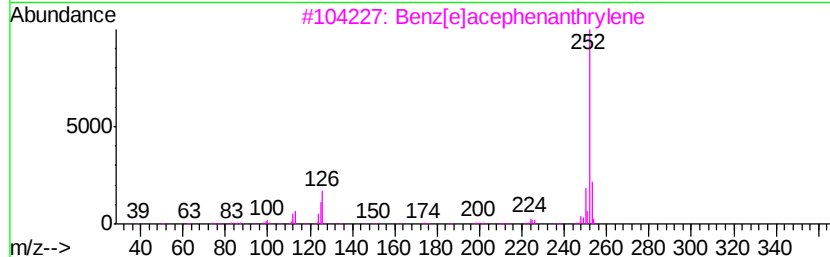
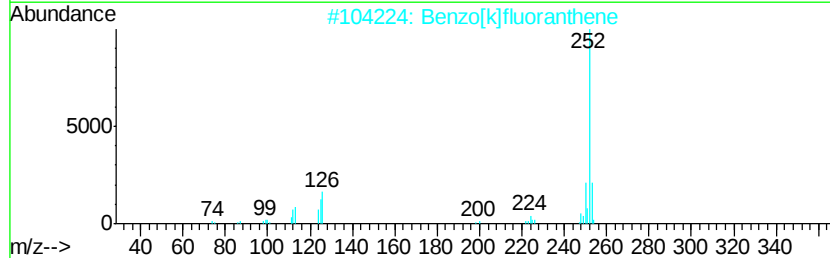
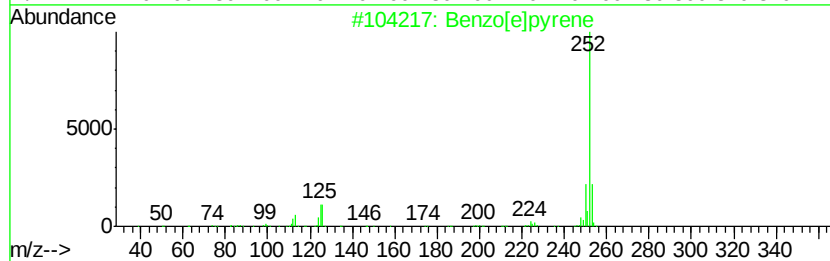
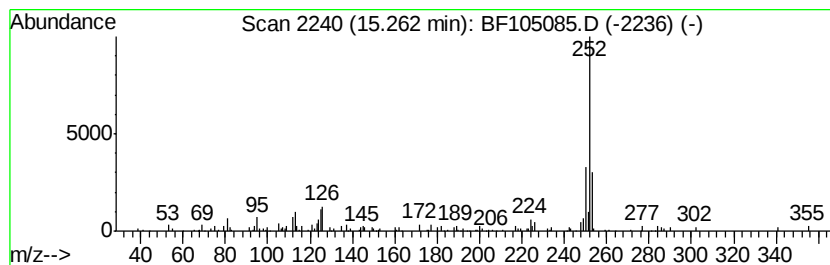
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.69 ng	79548	Perylene-d12	15.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4			Perylene	252	C20H12	000198-55-0	87
5			Benzo[a]pyrene	252	C20H12	000050-32-8	83



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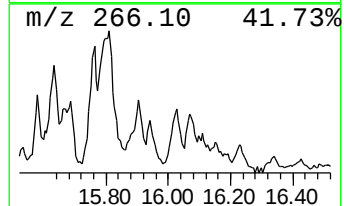
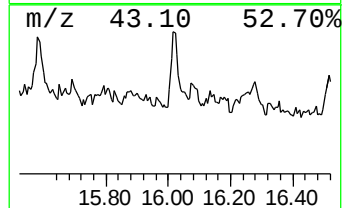
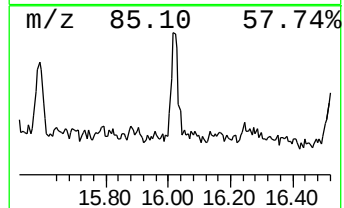
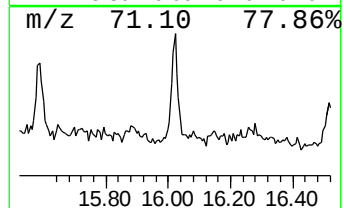
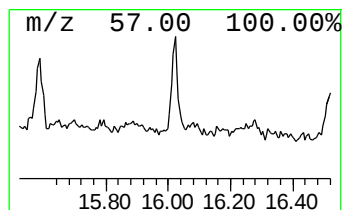
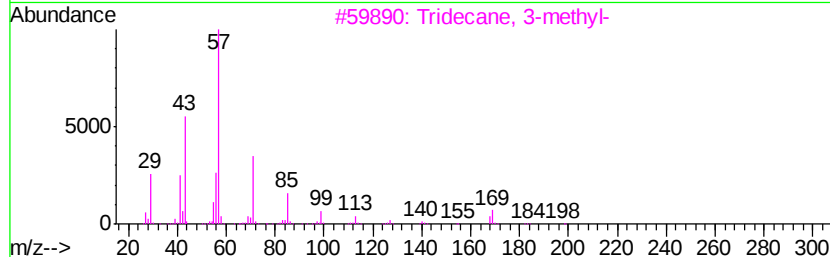
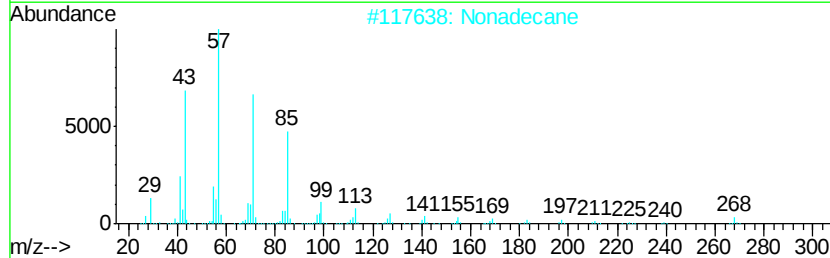
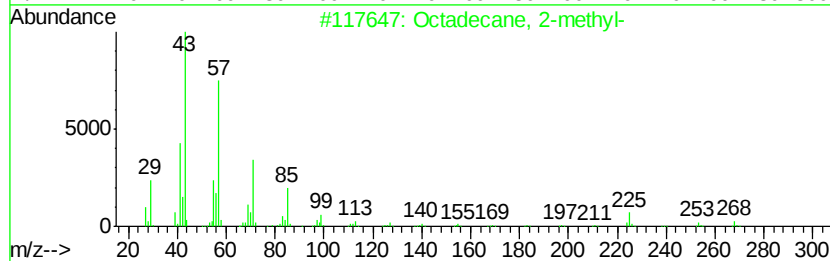
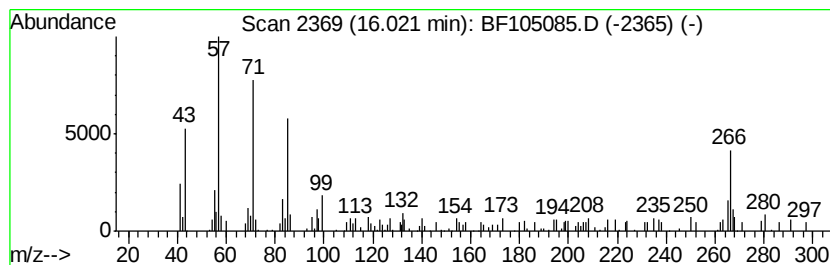
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.73 ng	80806	Perylene-d12	15.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	53
2		Nonadecane	268	C19H40	000629-92-5	53
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
155-348-281

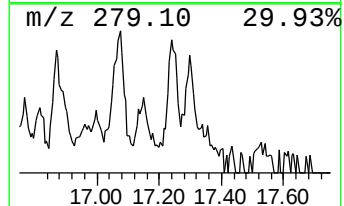
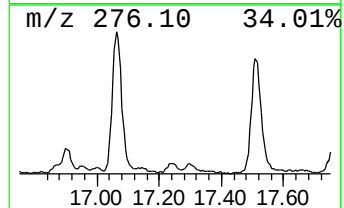
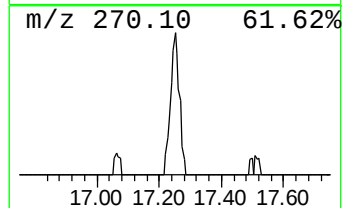
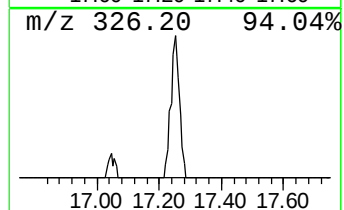
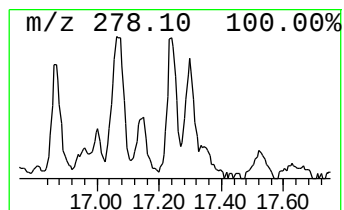
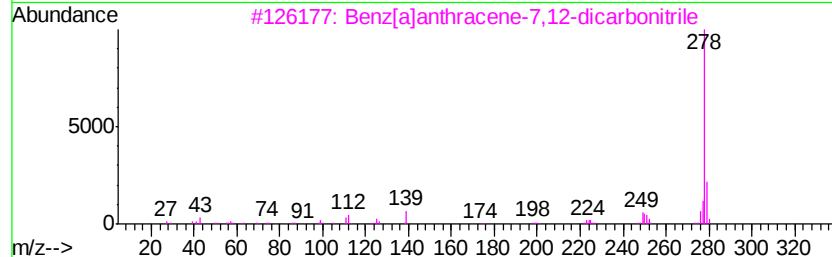
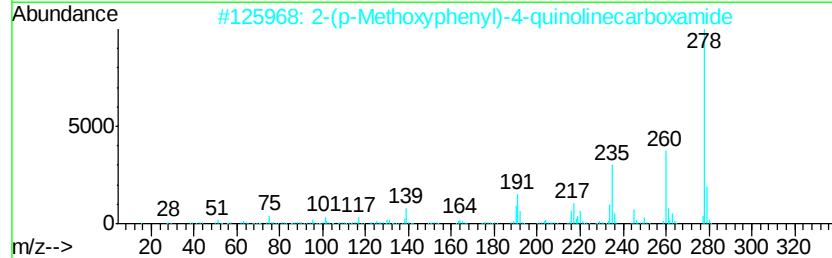
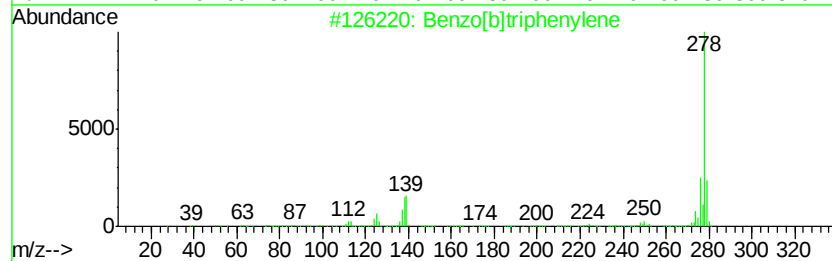
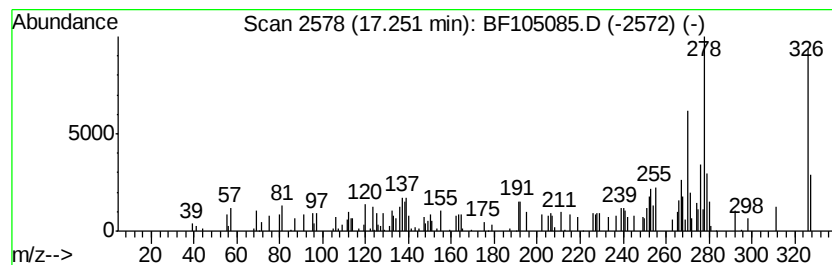
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.25 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	4.06 ng	119850	Perylene-d12	15.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	30
2			2-(p-Methoxyphenyl)-4-quinolinecarboxamide	278	C17H14N2O2	051842-82-1	25
3			Benz[a]anthracene-7,12-dicarbonitrile	278	C20H10N2	035215-32-8	25
4			Estra-1,3,5,7,9,15-hexaen-17-one	278	C19H18O2	056588-53-5	25
5			Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
 Data File : BF105085.D
 Acq On : 3 May 2018 20:58
 Operator : JU/SJ
 Sample : J2667-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 155-348-281

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	3.7	ng	115250	1	6.78	630520	20.0
unknown6.56	6.56	81.6	ng	2572780	1	6.78	630520	20.0
Tetradecane	10.71	2.9	ng	129815	4	11.31	899982	20.0
Anthracene, 1,2,3...	11.16	3.0	ng	134347	4	11.31	899982	20.0
Phenanthrene, 1-m...	11.82	3.2	ng	144646	4	11.31	899982	20.0
n-Hexadecanoic acid	11.84	15.4	ng	691911	4	11.31	899982	20.0
4H-Cyclopenta[def...	11.93	5.3	ng	240383	4	11.31	899982	20.0
unknown12.05	12.05	2.7	ng	121850	4	11.31	899982	20.0
18-Norabietane	12.16	4.3	ng	193367	4	11.31	899982	20.0
4b,8-Dimethyl-2-i...	12.26	54.8	ng	2467590	4	11.31	899982	20.0
Octadecanoic acid	12.62	5.5	ng	248641	4	11.31	899982	20.0
Retene	13.04	4.3	ng	256786	5	14.02	1193600	20.0
Pyrene, 1-methyl-	13.10	4.4	ng	260161	5	14.02	1193600	20.0
Tetrahydroabietic...	13.77	4.5	ng	265723	5	14.02	1193600	20.0
Ethanol, 2-(tetra...	13.83	3.3	ng	196589	5	14.02	1193600	20.0
Benzo[e]pyrene	15.26	2.7	ng	79548	6	15.58	591096	20.0
Octadecane, 2-met...	16.02	2.7	ng	80806	6	15.58	591096	20.0
unknown17.25	17.25	4.1	ng	119850	6	15.58	591096	20.0