

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103764.D
 Acq On : 19 Mar 2018 19:10
 Operator : JU/SJ
 Sample : J1965-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-113(4-5)

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-BF031518.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	2.263	25	30	45	rVB	110342	183953	2.71%	0.239%
2	5.581	589	594	598	rBV	795920	692667	10.22%	0.898%
3	6.581	760	764	773	rVB	899433	709298	10.47%	0.920%
4	6.734	787	790	794	rVB	938218	736286	10.86%	0.955%
5	6.969	827	830	834	rBV	1115428	885941	13.07%	1.149%
6	7.122	852	856	859	rBV	603249	552153	8.15%	0.716%
7	7.528	922	925	927	rBV	497943	405150	5.98%	0.525%
8	8.222	1040	1043	1045	rBV	206036	152286	2.25%	0.197%
9	8.251	1045	1048	1050	rVV	1318090	1217292	17.96%	1.578%
10	8.275	1050	1052	1055	rVV	1170687	883130	13.03%	1.145%
11	8.828	1144	1146	1151	rVB	300184	241749	3.57%	0.313%
12	8.963	1166	1169	1173	rBV	678317	547984	8.09%	0.710%
13	9.063	1181	1186	1190	rBV	730279	635461	9.38%	0.824%
14	9.322	1227	1230	1235	rVB	983999	759132	11.20%	0.984%
15	9.398	1240	1243	1245	rBV	387609	312638	4.61%	0.405%
16	9.428	1245	1248	1254	rVB	280349	235033	3.47%	0.305%
17	9.592	1272	1276	1280	rBV2	284548	392633	5.79%	0.509%
18	9.663	1285	1288	1291	rVV	514239	561179	8.28%	0.728%
19	9.692	1291	1293	1295	rVV	350750	292690	4.32%	0.379%
20	9.716	1295	1297	1305	rVB4	351058	422303	6.23%	0.548%
21	9.780	1305	1308	1310	rBV2	226452	242223	3.57%	0.314%
22	9.875	1320	1324	1327	rBV	1287729	1125138	16.60%	1.459%
23	9.928	1327	1333	1336	rVB	369607	319649	4.72%	0.414%
24	9.986	1341	1343	1345	rBV	181233	169530	2.50%	0.220%
25	10.010	1345	1347	1350	rVV	1347598	1158017	17.09%	1.501%
26	10.045	1350	1353	1356	rVB	780107	600154	8.86%	0.778%
27	10.216	1375	1382	1385	rVB	1163659	1094315	16.15%	1.419%
28	10.251	1385	1388	1392	rBV	226572	191712	2.83%	0.249%
29	10.322	1396	1400	1403	rBV2	218502	265722	3.92%	0.345%
30	10.427	1411	1418	1421	rVB3	312280	421176	6.21%	0.546%
31	10.463	1421	1424	1426	rBV	170727	150580	2.22%	0.195%
32	10.563	1437	1441	1447	rVB	1834474	1616524	23.85%	2.096%
33	10.645	1450	1455	1457	rVB3	144070	151749	2.24%	0.197%
34	10.716	1462	1467	1470	rBV	289300	299806	4.42%	0.389%

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35	10.798	1474	1481	1485	rBV2	777715	882778	13.03%	1.145%
36	10.904	1496	1499	1500	rBV	232360	210273	3.10%	0.273%
37	11.010	1512	1517	1520	rBV2	171351	222373	3.28%	0.288%
38	11.110	1529	1534	1536	rBV2	341433	380525	5.61%	0.493%
39	11.133	1536	1538	1542	rVV	173049	179335	2.65%	0.233%
40	11.192	1545	1548	1551	rVB	196317	160129	2.36%	0.208%
41	11.257	1557	1559	1564	rVV3	116429	154068	2.27%	0.200%
42	11.351	1572	1575	1578	rVV2	245651	236520	3.49%	0.307%
43	11.404	1581	1584	1587	rVB	540504	510366	7.53%	0.662%
44	11.510	1597	1602	1603	rBV	1050891	1063331	15.69%	1.379%
45	11.539	1603	1607	1610	rVV	4234569	4404098	64.98%	5.710%
46	11.586	1610	1615	1617	rVV	1591369	1472881	21.73%	1.910%
47	11.616	1617	1620	1622	rVV2	166879	206238	3.04%	0.267%
48	11.663	1625	1628	1633	rVV3	109215	164640	2.43%	0.213%
49	11.733	1633	1640	1645	rVV	646637	701089	10.34%	0.909%
50	11.780	1645	1648	1650	rVV3	216800	234876	3.47%	0.305%
51	11.804	1650	1652	1655	rVV3	309030	347750	5.13%	0.451%
52	11.839	1655	1658	1662	rVV2	281877	338960	5.00%	0.439%
53	11.886	1662	1666	1669	rVV	3680216	3226246	47.60%	4.183%
54	11.922	1669	1672	1675	rVB	187166	208044	3.07%	0.270%
55	12.010	1683	1687	1689	rBV	763815	719383	10.61%	0.933%
56	12.039	1689	1692	1695	rVB	869153	805945	11.89%	1.045%
57	12.086	1696	1700	1702	rBV	337659	332147	4.90%	0.431%
58	12.121	1702	1706	1709	rVV2	1200707	1428975	21.08%	1.853%
59	12.145	1709	1710	1714	rVB	517969	253547	3.74%	0.329%
60	12.186	1714	1717	1719	rBV2	163167	152198	2.25%	0.197%
61	12.304	1733	1737	1739	rVV	510574	483939	7.14%	0.627%
62	12.333	1739	1742	1748	rVB2	156521	215713	3.18%	0.280%
63	12.504	1769	1771	1774	rVB3	156114	150733	2.22%	0.195%
64	12.580	1774	1784	1786	rBV2	4749964	6777560	100.00%	8.787%
65	12.604	1786	1788	1793	rVV2	5197363	5396788	79.63%	6.997%
66	12.645	1793	1795	1798	rVV	231311	306753	4.53%	0.398%
67	12.680	1798	1801	1805	rVB	1852550	1587641	23.42%	2.058%
68	12.733	1805	1810	1813	rBV	3303749	3457269	51.01%	4.483%
69	12.821	1822	1825	1828	rBV	618337	504292	7.44%	0.654%
70	12.880	1832	1835	1837	rBV	212485	194599	2.87%	0.252%
71	12.963	1842	1849	1853	rVB2	3071560	3582345	52.86%	4.645%

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72	13.004	1853	1856	1860	rVB2	204553	242403	3.58%	0.314%
73	13.092	1864	1871	1873	rBV2	683819	818419	12.08%	1.061%
74	13.116	1873	1875	1878	rVB	211799	191474	2.83%	0.248%
75	13.174	1880	1885	1888	rBV3	294896	495275	7.31%	0.642%
76	13.257	1896	1899	1901	rBV3	223928	284156	4.19%	0.368%
77	13.286	1901	1904	1906	rVB	787428	714009	10.53%	0.926%
78	13.351	1912	1915	1918	rVV	787934	636197	9.39%	0.825%
79	13.386	1918	1921	1929	rVB3	364442	504286	7.44%	0.654%
80	13.480	1934	1937	1940	rVV	270354	248056	3.66%	0.322%
81	13.516	1940	1943	1948	rVB	295765	350133	5.17%	0.454%
82	13.904	2007	2009	2012	rBV	246709	232239	3.43%	0.301%
83	13.933	2012	2014	2016	rVB	317038	231628	3.42%	0.300%
84	13.957	2016	2018	2033	rVB5	269094	744214	10.98%	0.965%
85	14.074	2036	2038	2044	rVB	195214	191662	2.83%	0.249%
86	14.157	2047	2052	2055	rBV3	1925051	2726159	40.22%	3.535%
87	14.186	2055	2057	2064	rVB	1413706	1370097	20.22%	1.776%
88	14.386	2087	2091	2094	rBV2	192310	250694	3.70%	0.325%
89	14.551	2116	2119	2122	rVB	319823	301055	4.44%	0.390%
90	14.651	2134	2136	2138	rVV	191929	175279	2.59%	0.227%
91	14.680	2138	2141	2143	rVV	224211	221669	3.27%	0.287%
92	14.704	2143	2145	2149	rVB	303172	274713	4.05%	0.356%
93	15.245	2232	2237	2240	rBV	864584	1447854	21.36%	1.877%
94	15.357	2253	2256	2260	rVB	259918	277682	4.10%	0.360%
95	15.568	2288	2292	2298	rVB	536731	728472	10.75%	0.945%
96	15.633	2299	2303	2309	rVV	815976	1111482	16.40%	1.441%
97	15.704	2310	2315	2318	rVV	555825	797343	11.76%	1.034%
98	15.733	2318	2320	2326	rVB2	261959	307278	4.53%	0.398%
99	17.268	2576	2581	2590	rVB2	289770	604712	8.92%	0.784%
100	17.751	2659	2663	2672	rVB	197693	369313	5.45%	0.479%

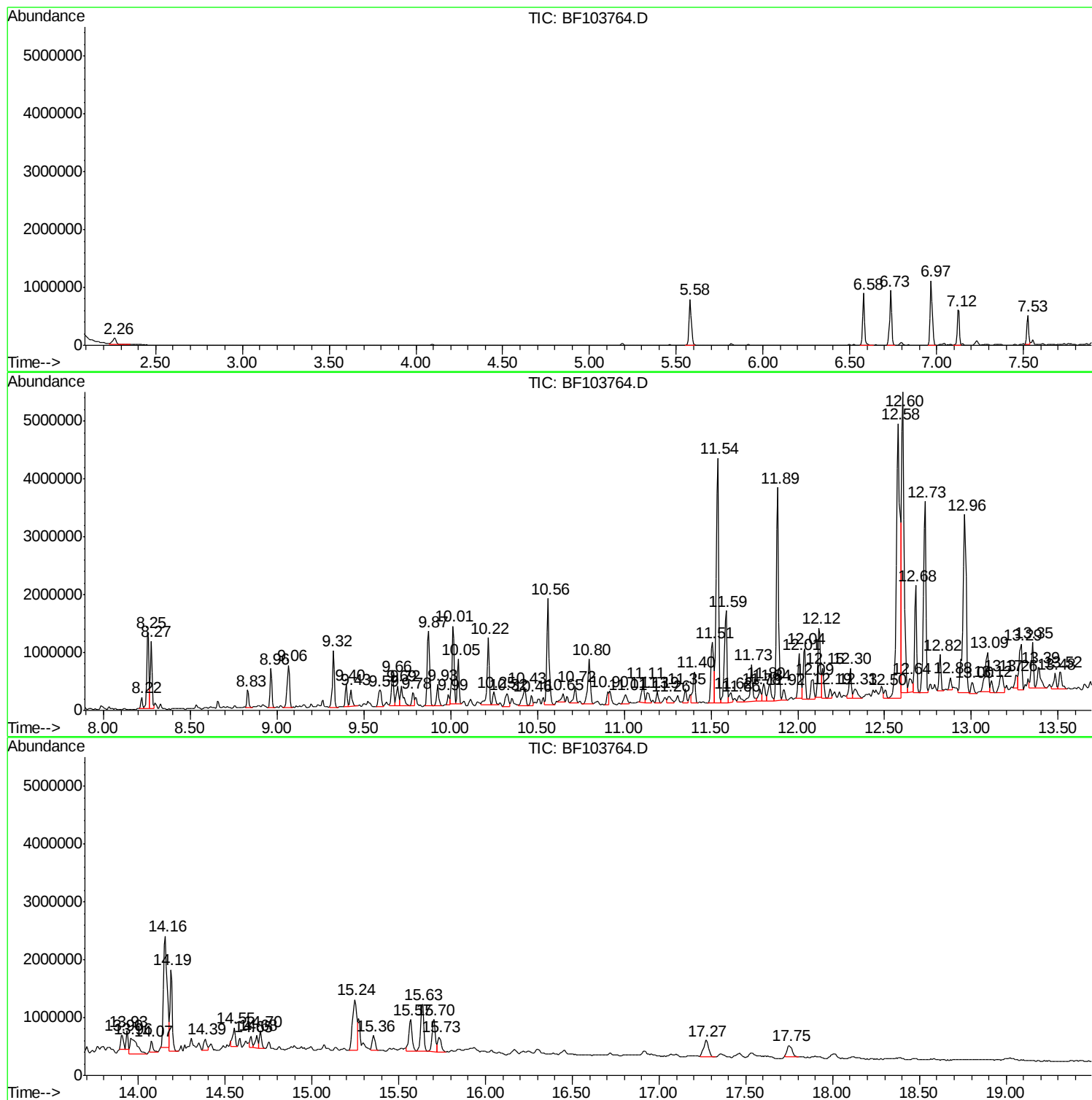
Sum of corrected areas: 77127553

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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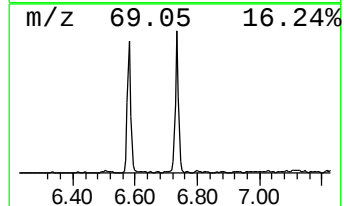
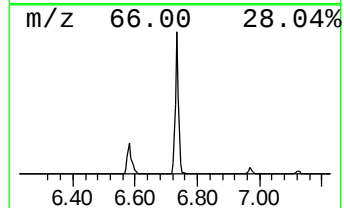
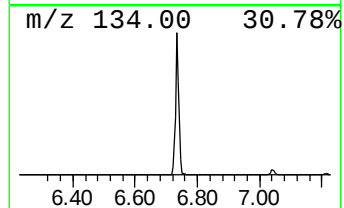
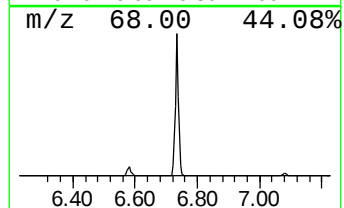
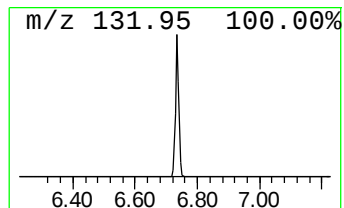
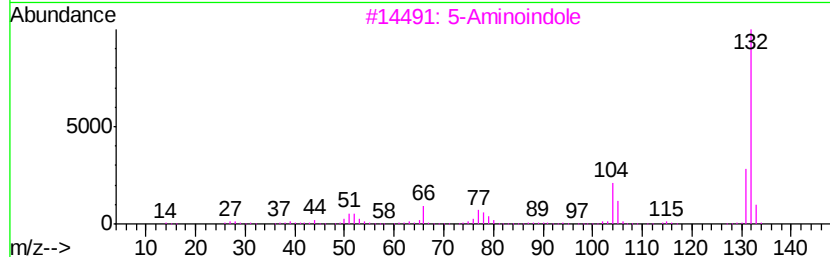
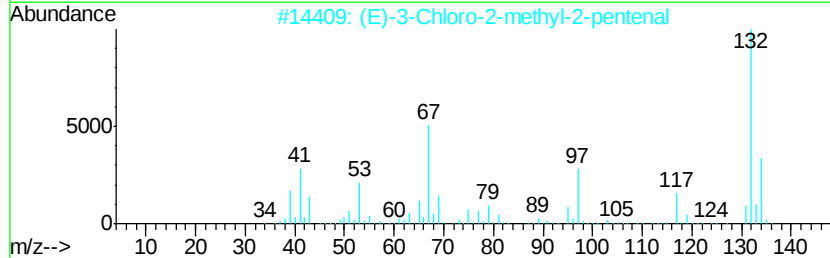
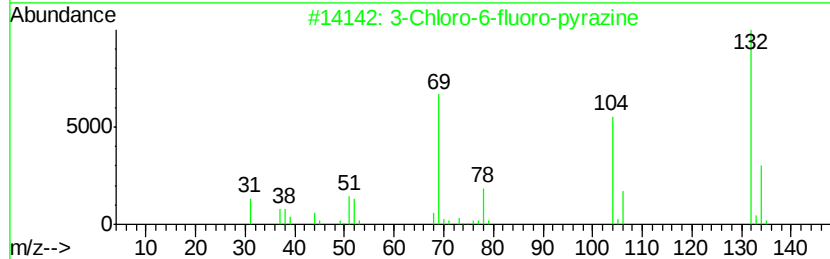
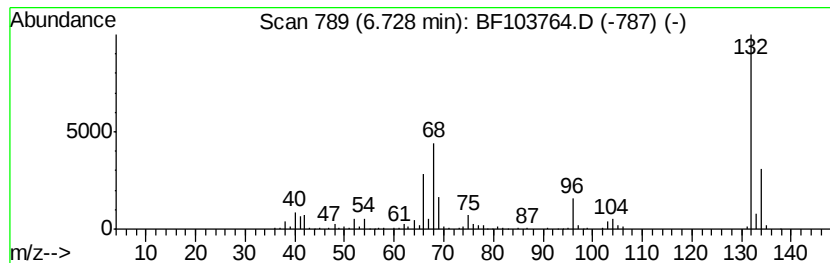
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	16.62 ng	736286	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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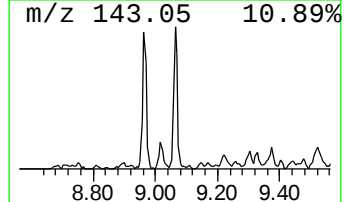
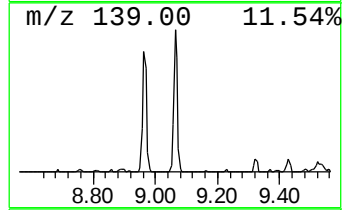
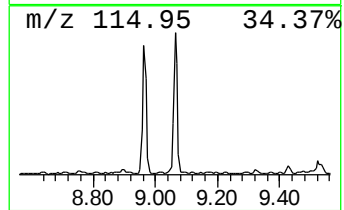
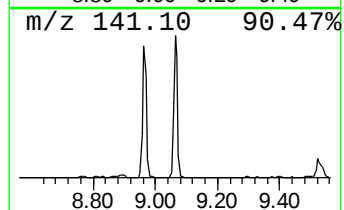
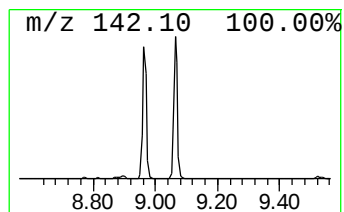
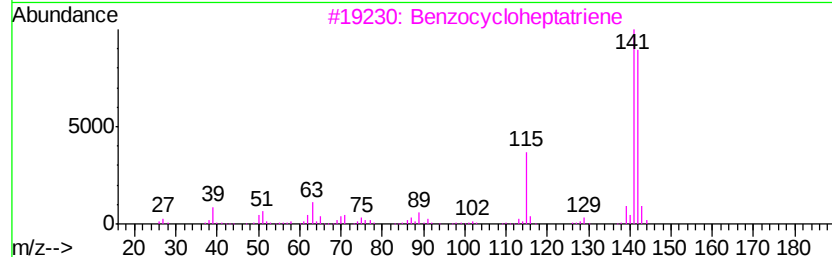
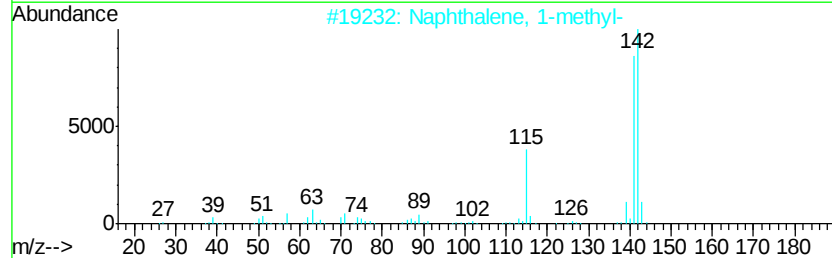
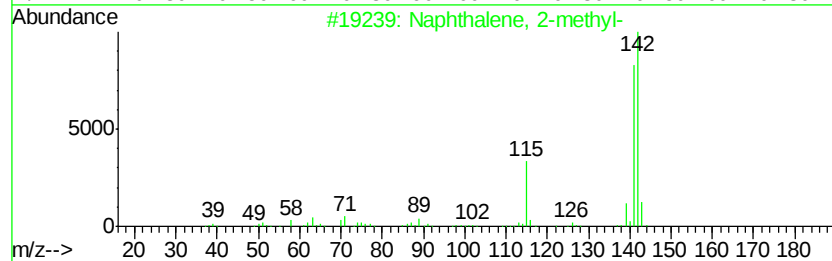
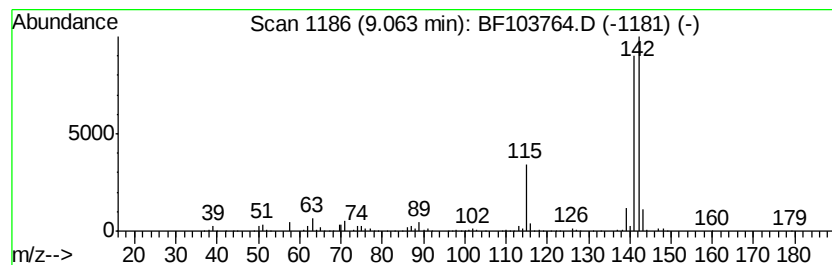
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	10.44 ng	635461	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



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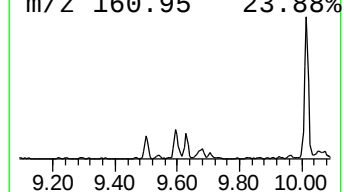
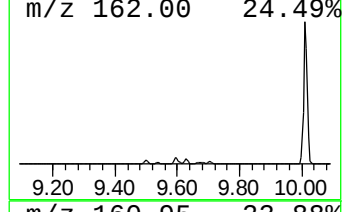
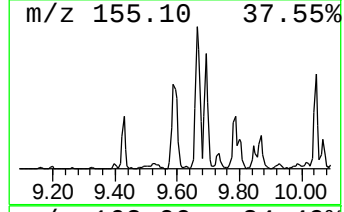
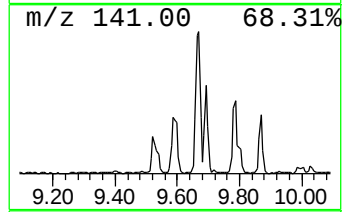
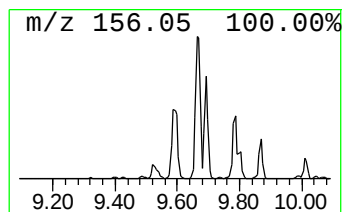
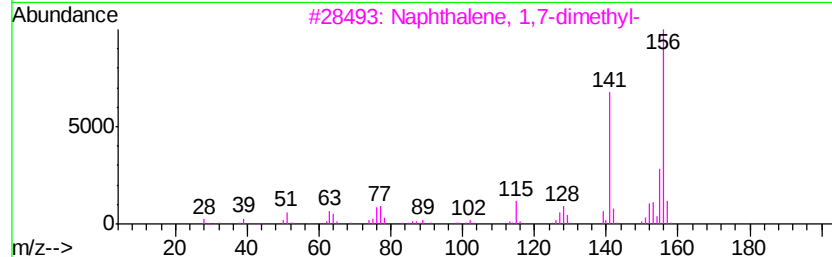
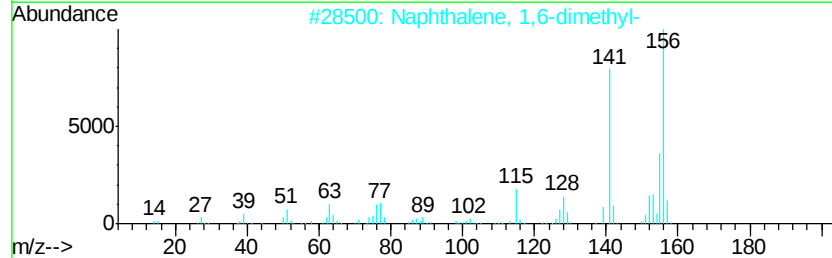
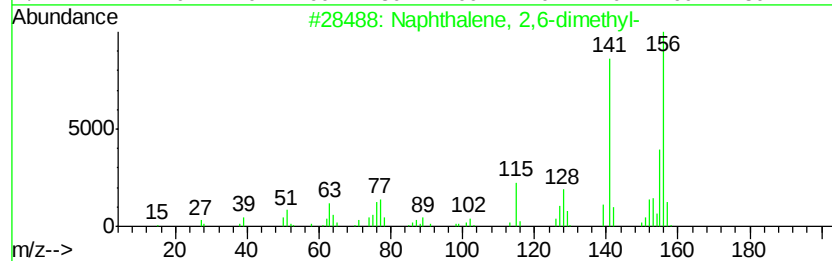
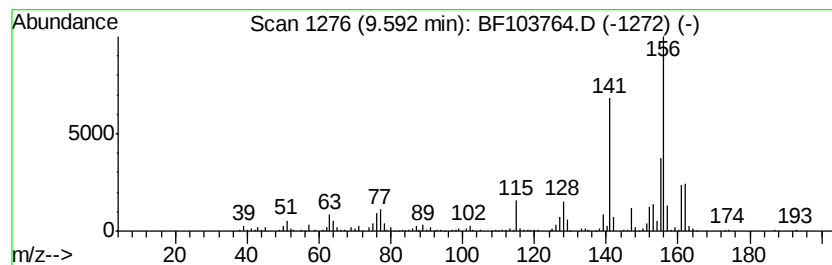
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	6.78 ng	392633	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Acq On : 19 Mar 2018 19:10
Operator : JU/SJ
Sample : J1965-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-113(4-5)

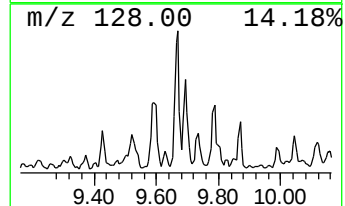
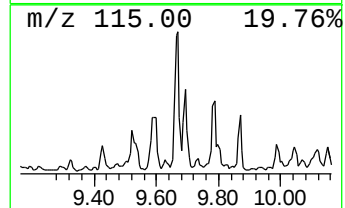
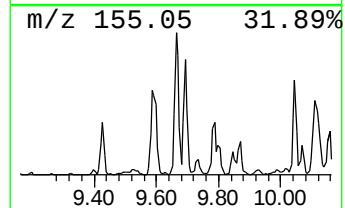
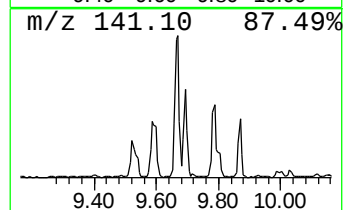
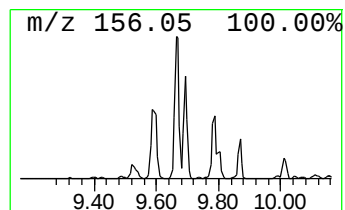
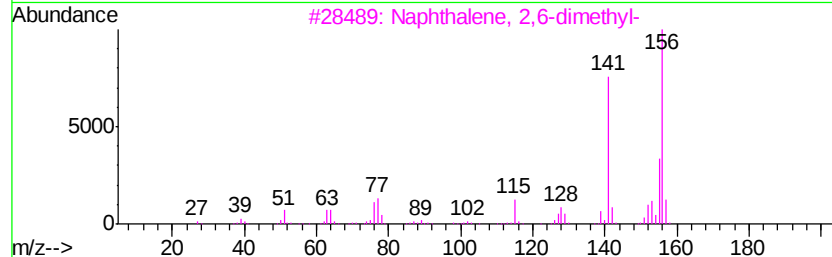
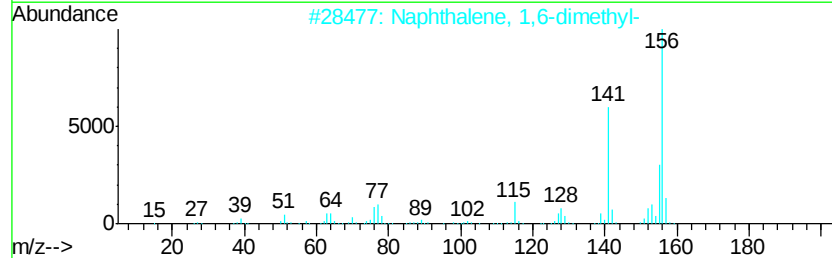
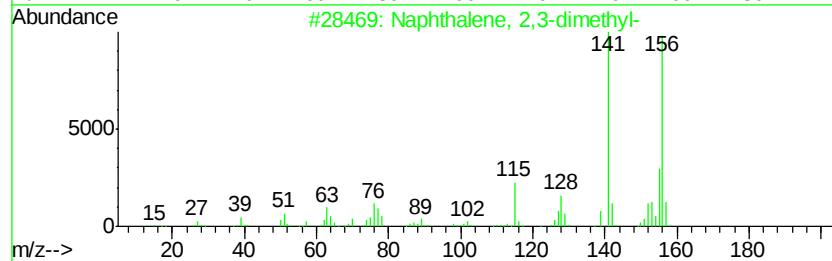
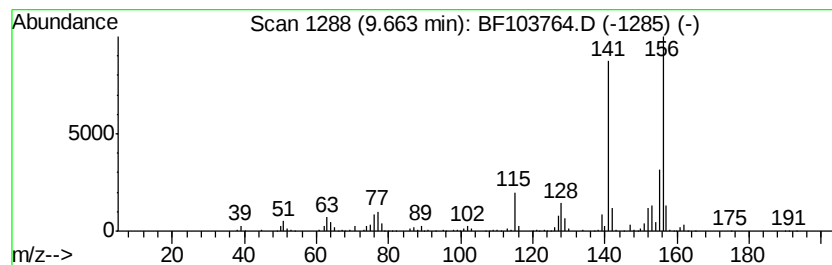
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	9.69 ng	561179	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031918\
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Sample : J1965-01 5X
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
SB-113(4-5)

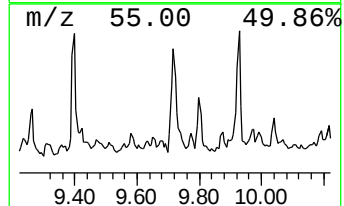
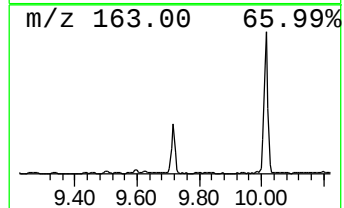
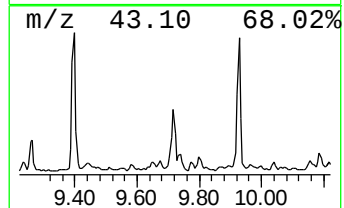
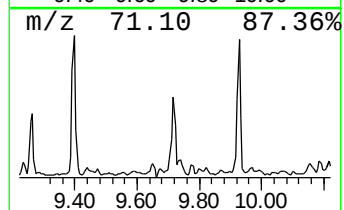
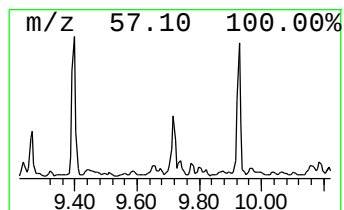
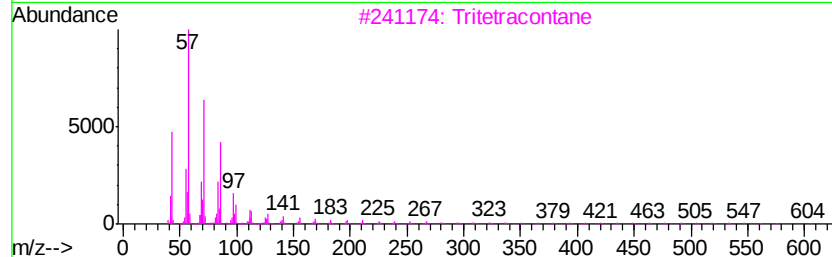
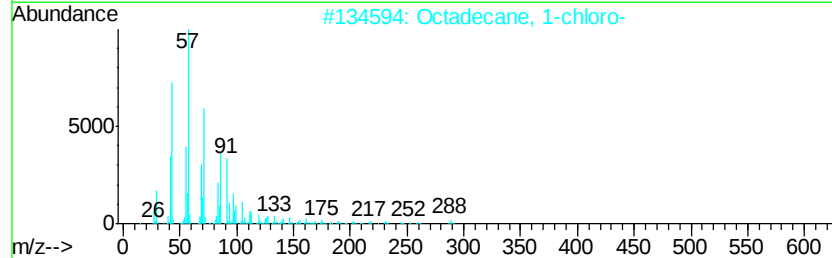
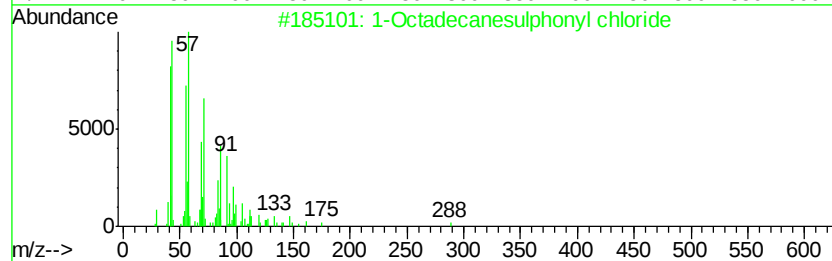
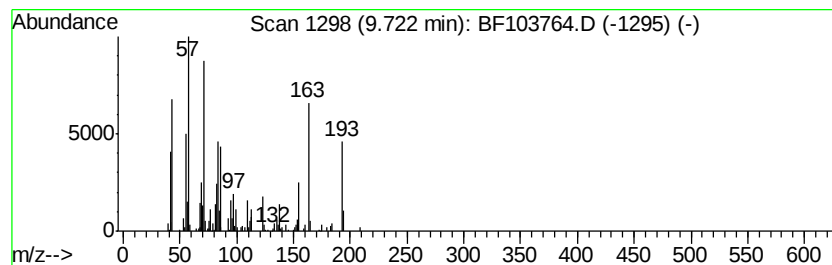
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.72 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.29 ng	422303	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	30
3		Tritetracontane	605	C43H88	007098-21-7	30
4		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30
5		Tetratetracontane	619	C44H90	007098-22-8	30



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Sample : J1965-01 5X
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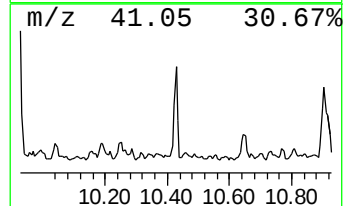
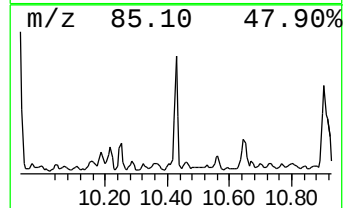
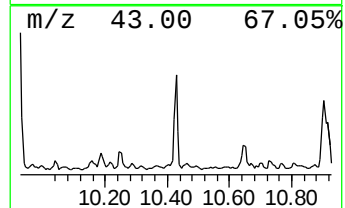
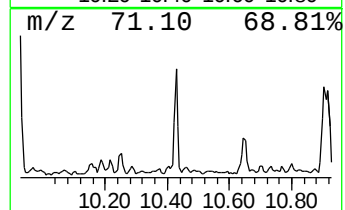
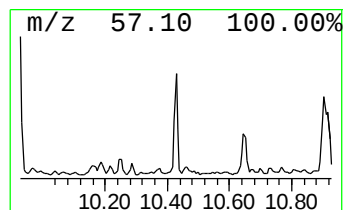
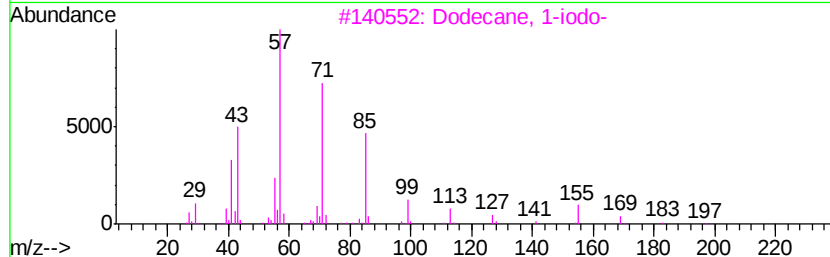
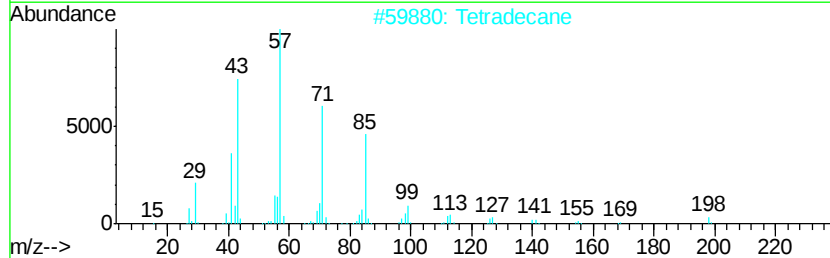
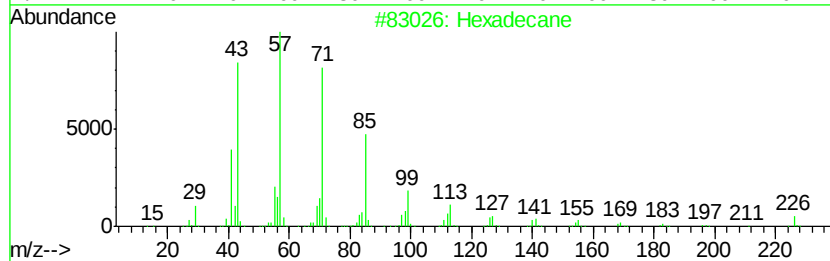
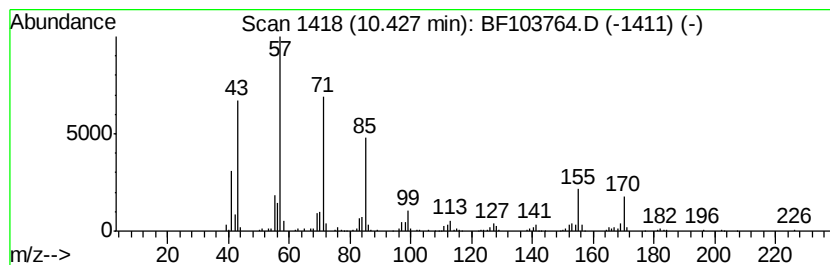
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.43	7.27 ng	421176	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	68
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Eicosane	282	C20H42	000112-95-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Acq On : 19 Mar 2018 19:10
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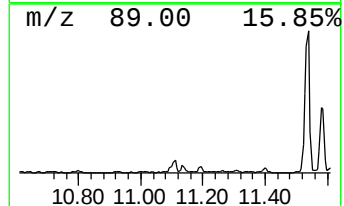
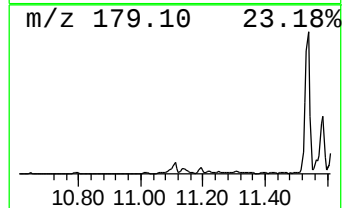
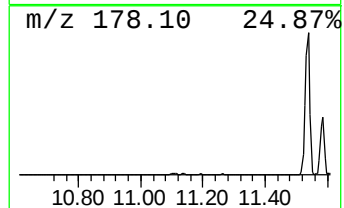
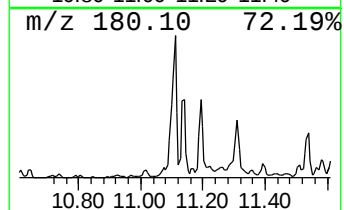
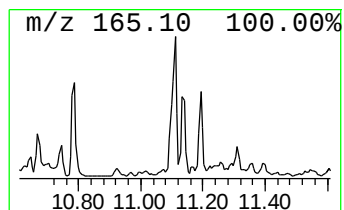
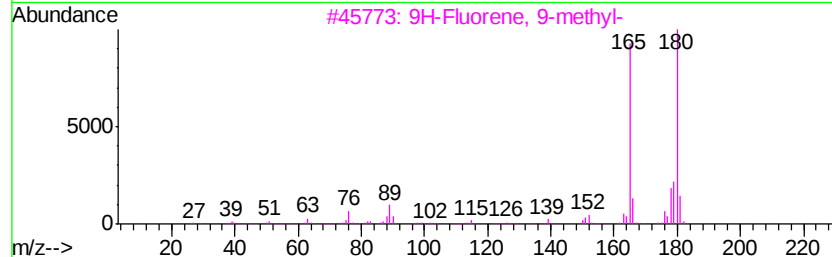
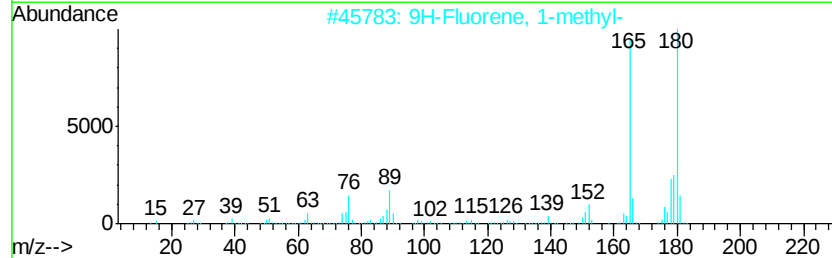
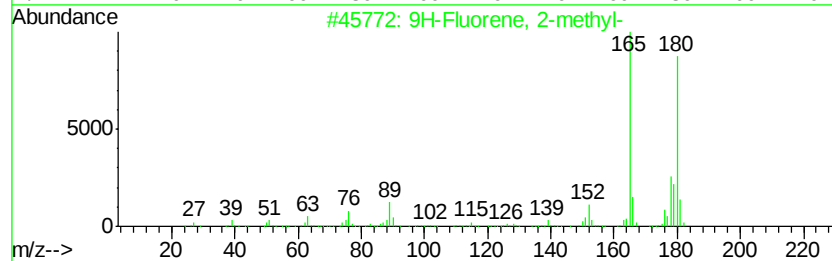
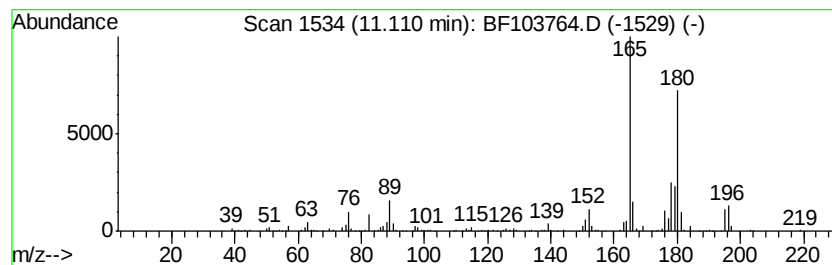
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	7.16 ng	380525	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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ClientSampleId :
SB-113(4-5)

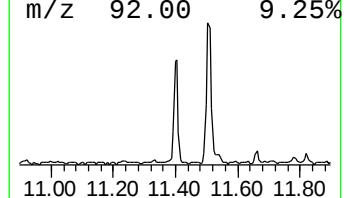
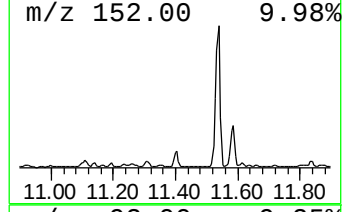
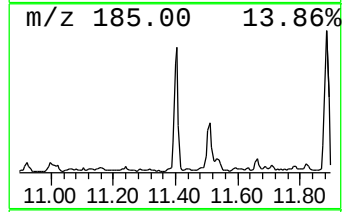
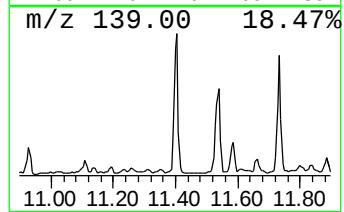
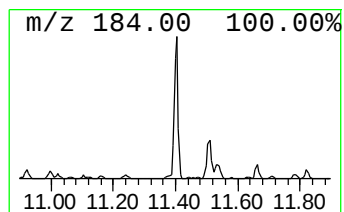
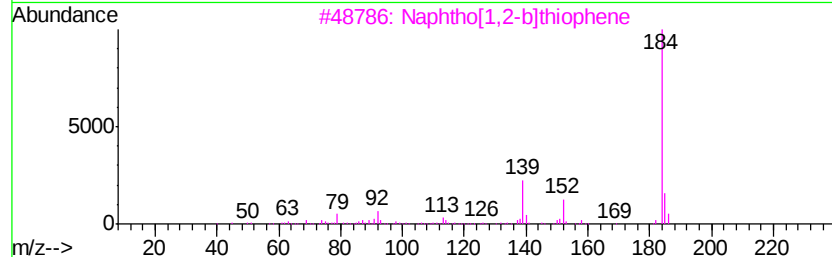
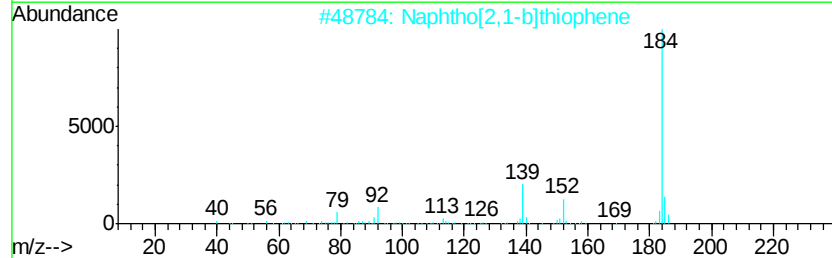
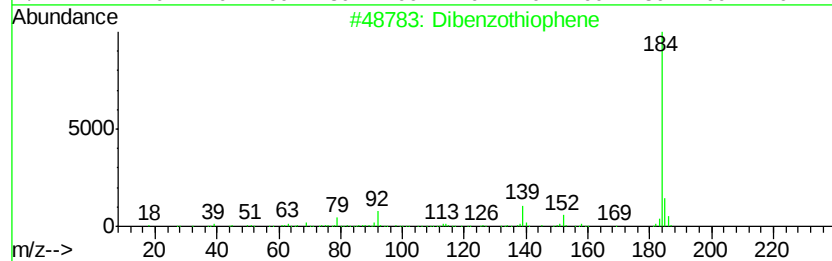
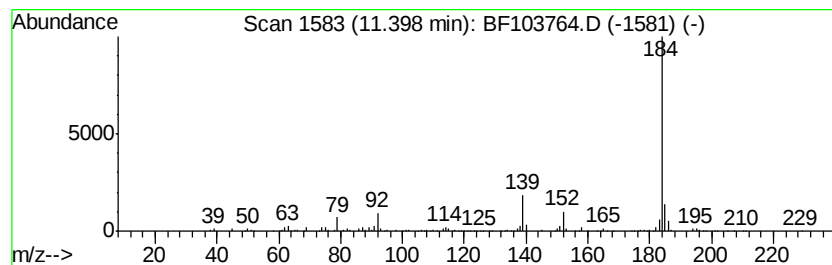
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	9.60 ng	510366	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80



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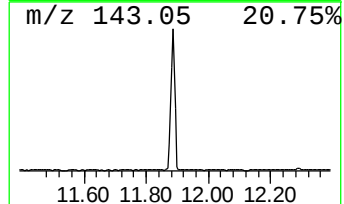
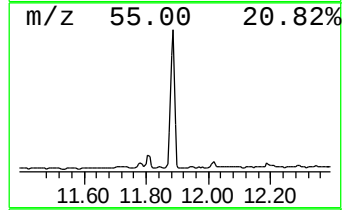
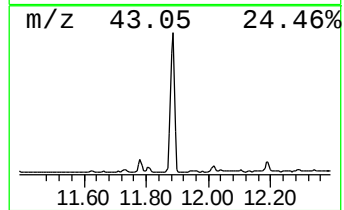
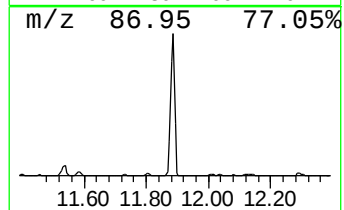
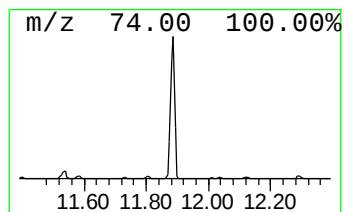
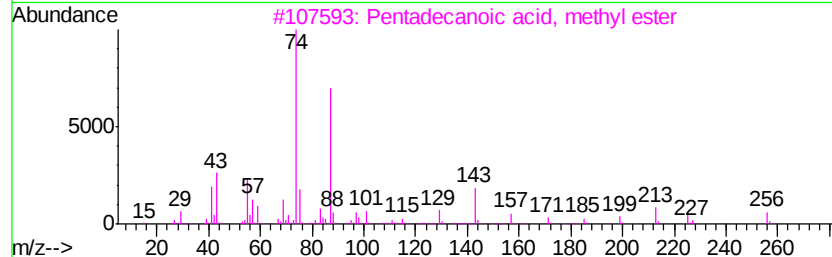
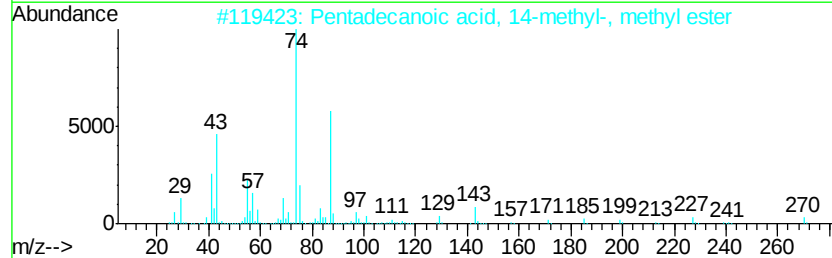
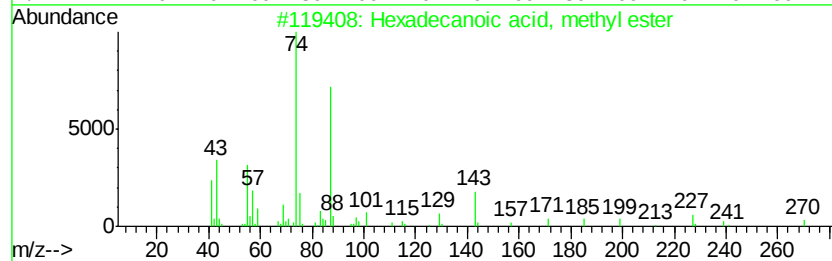
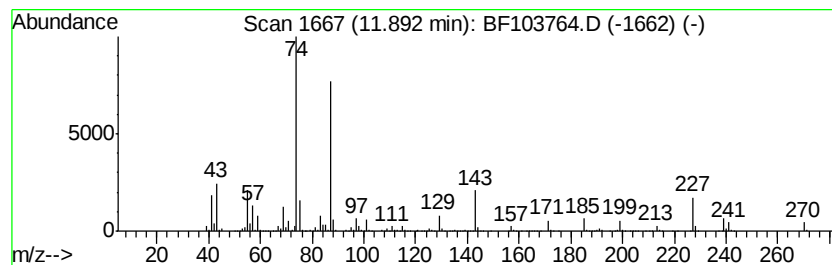
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	60.68 ng	3226250	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031918\
Data File : BF103764.D
Acq On : 19 Mar 2018 19:10
Operator : JU/SJ
Sample : J1965-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-113(4-5)

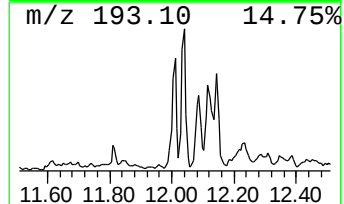
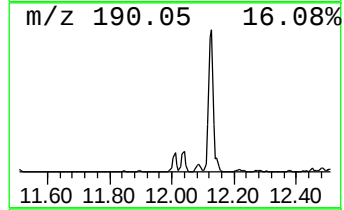
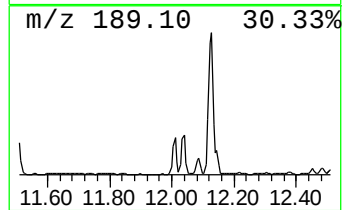
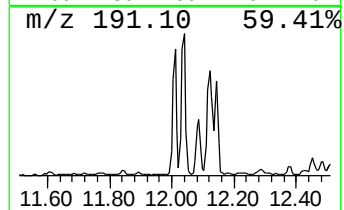
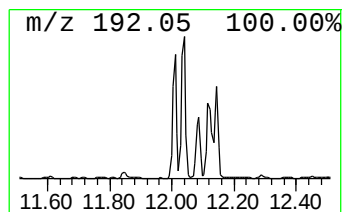
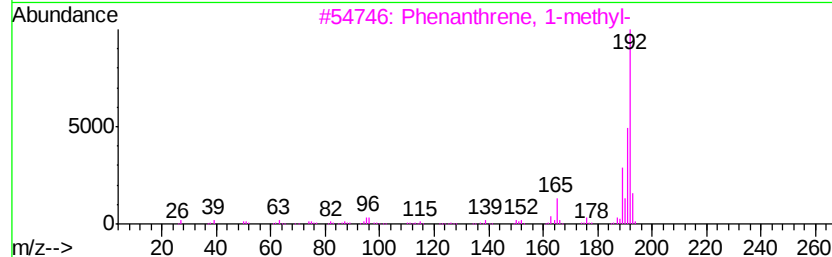
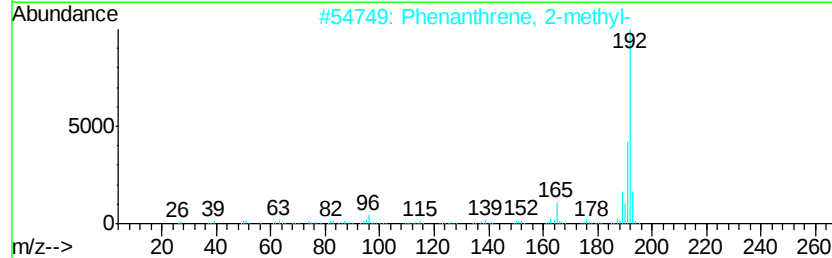
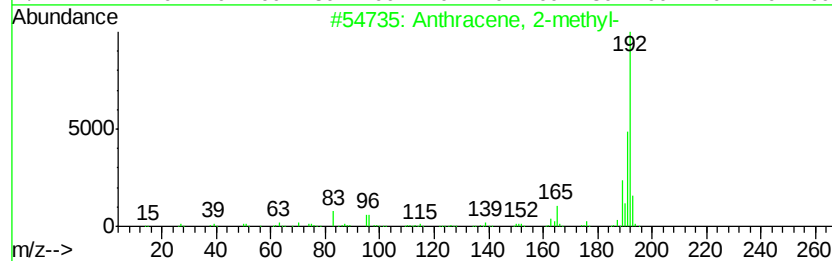
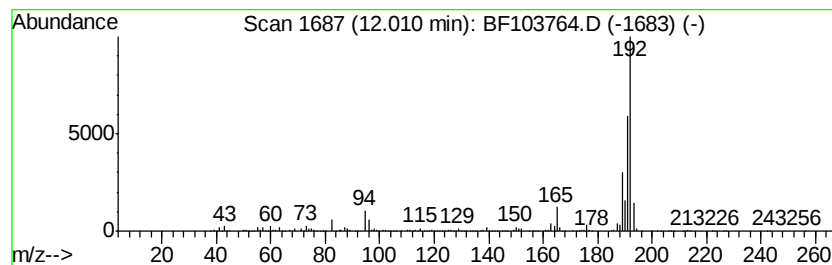
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	13.53 ng	719383	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	90
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031918\
Data File : BF103764.D
Acq On : 19 Mar 2018 19:10
Operator : JU/SJ
Sample : J1965-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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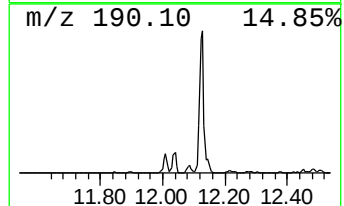
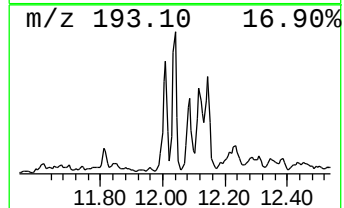
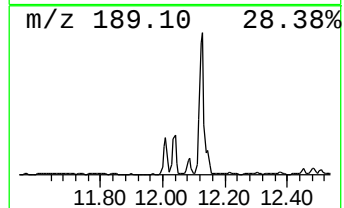
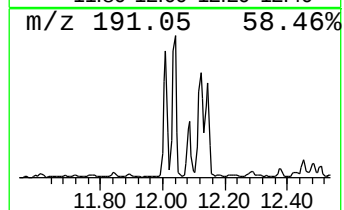
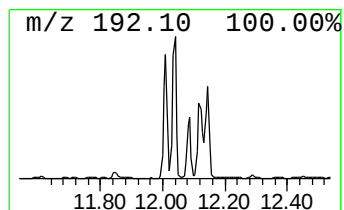
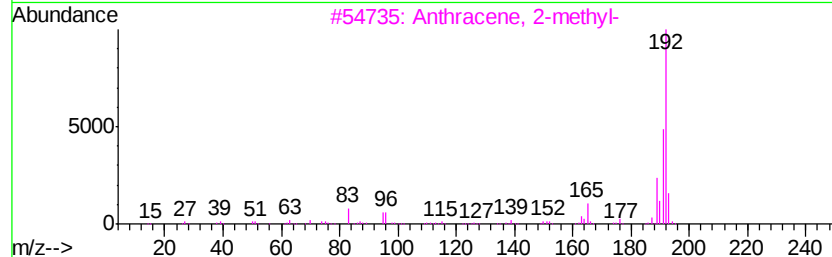
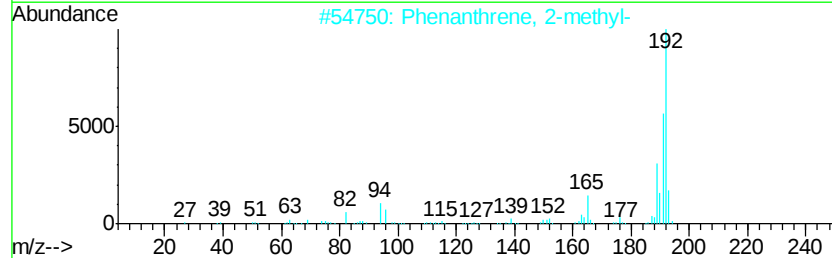
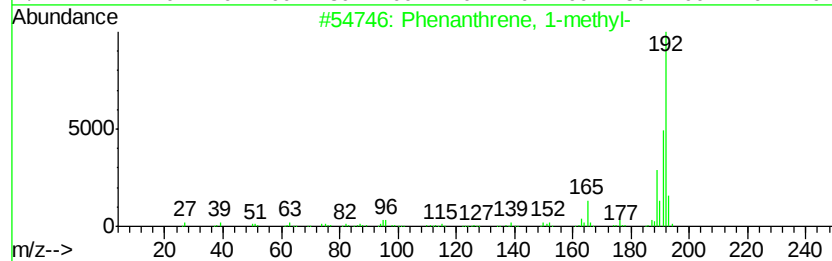
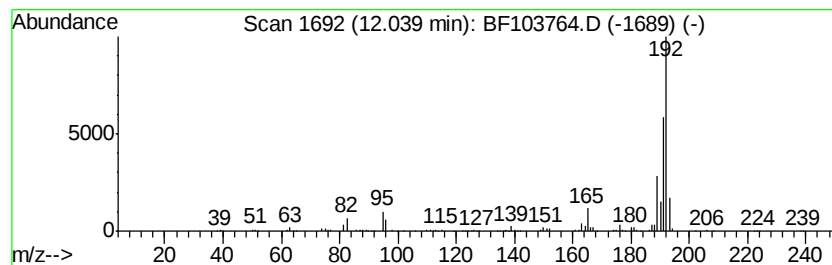
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	15.16 ng	805945	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103764.D
Acq On : 19 Mar 2018 19:10
Operator : JU/SJ
Sample : J1965-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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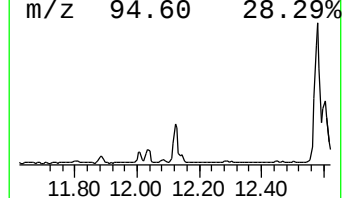
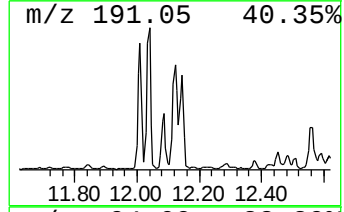
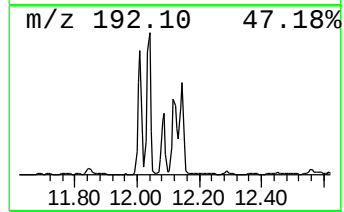
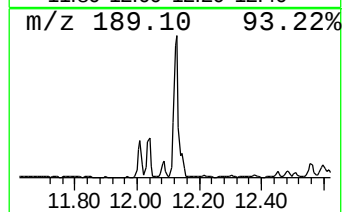
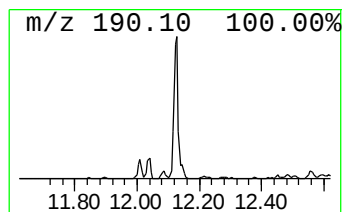
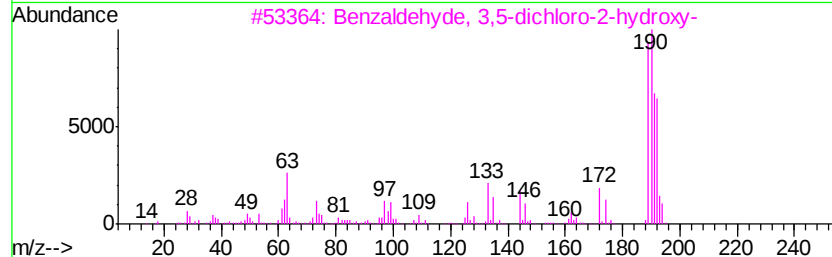
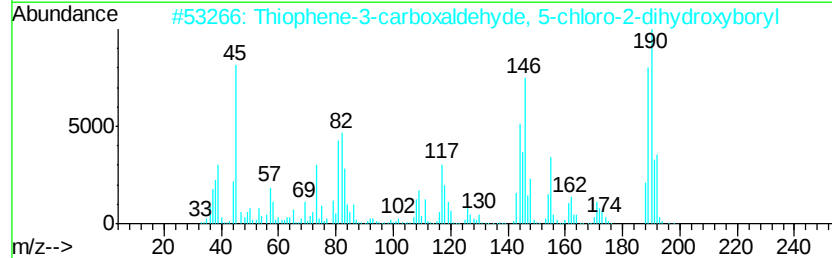
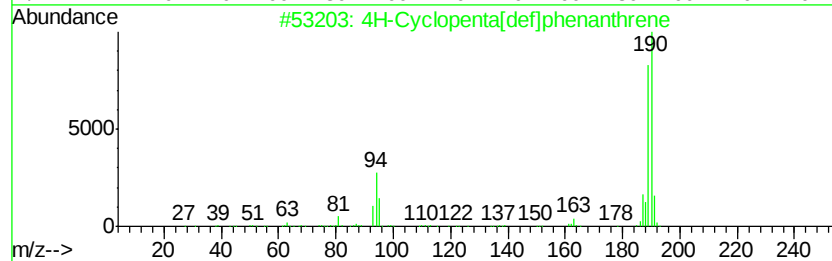
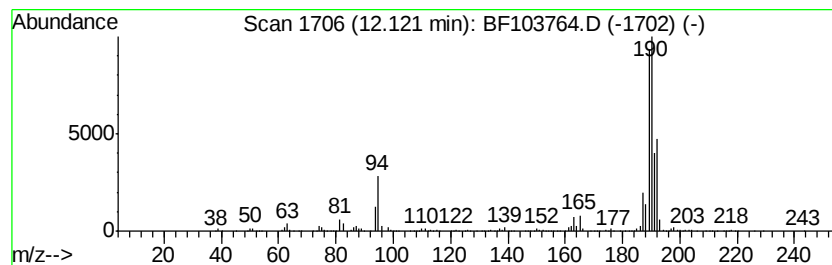
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	26.88 ng	1428980	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		Benzaldehyde, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	38
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5		Methyl diselenide	190	C2H6Se2	007101-31-7	38



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Sample : J1965-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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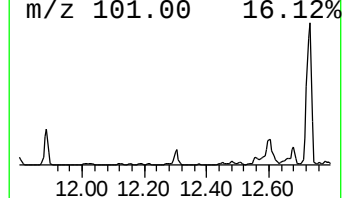
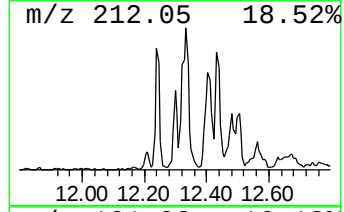
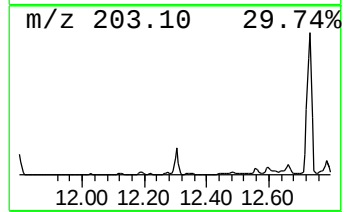
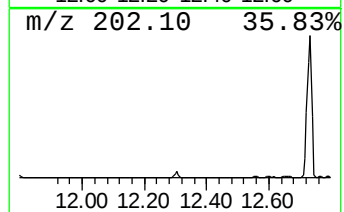
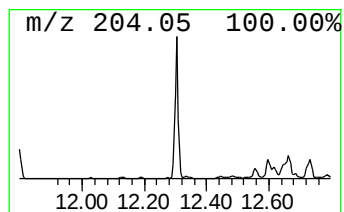
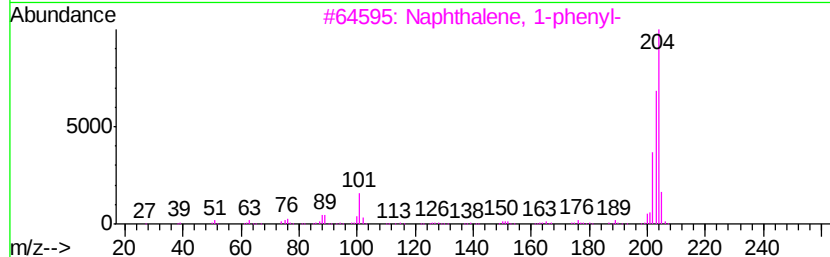
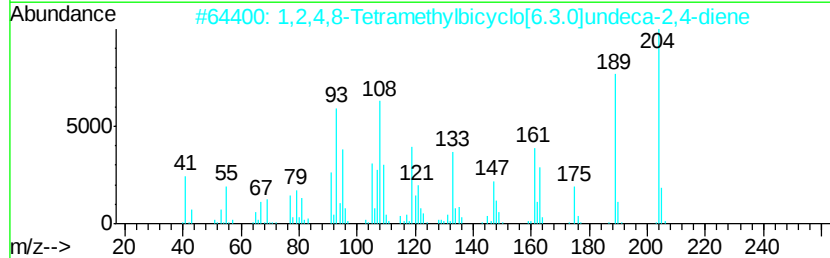
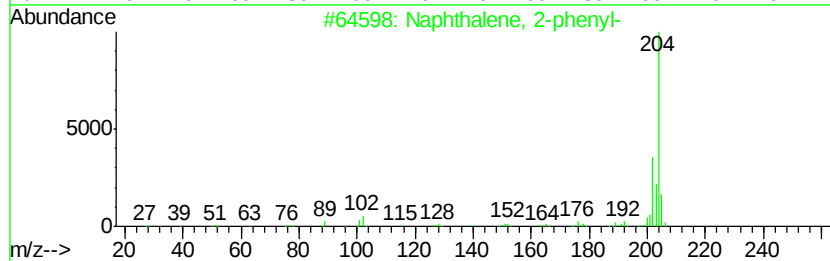
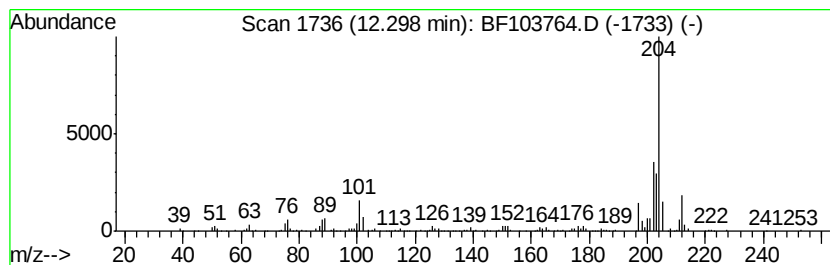
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.10 ng	483939	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	86
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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ClientSampleId :
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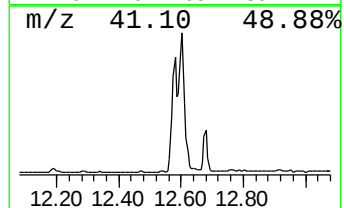
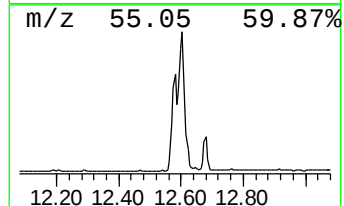
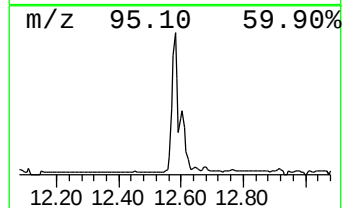
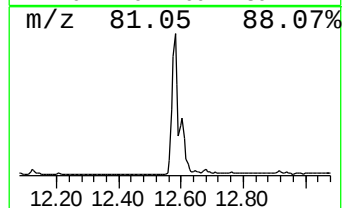
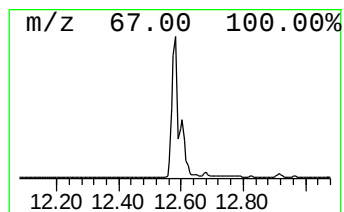
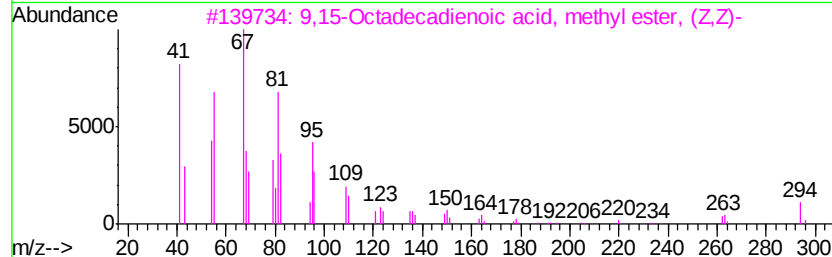
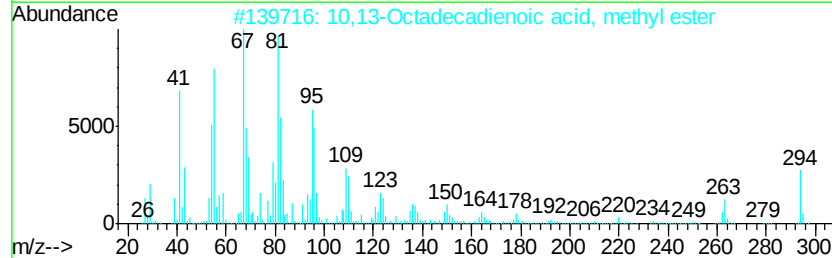
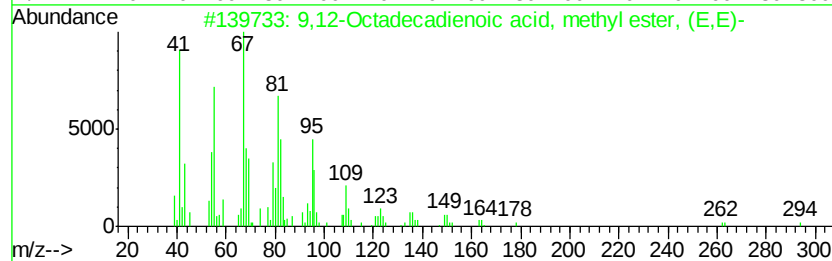
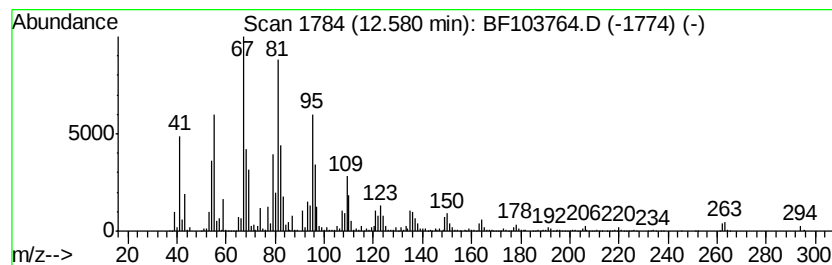
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	127.48 ng	6777560	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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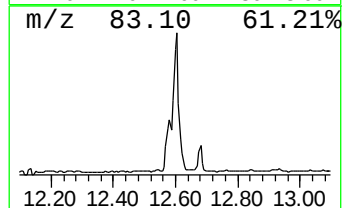
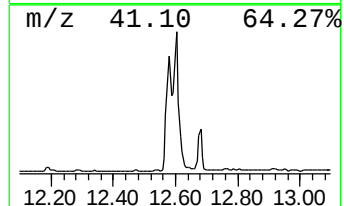
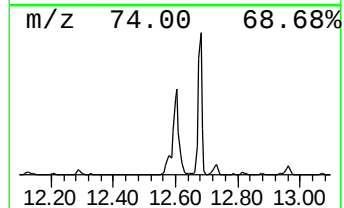
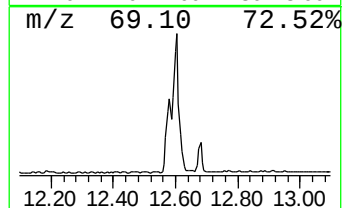
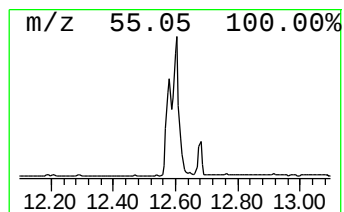
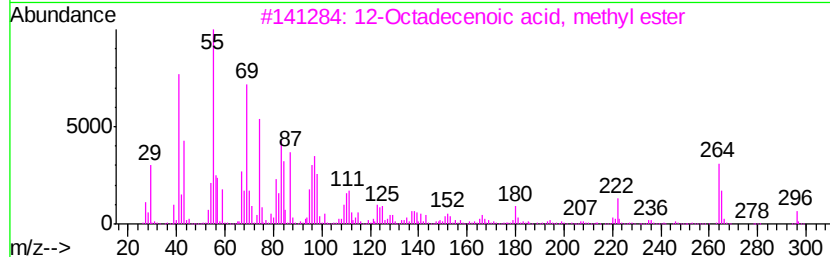
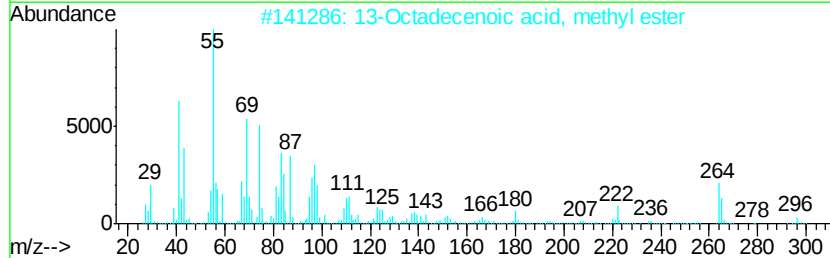
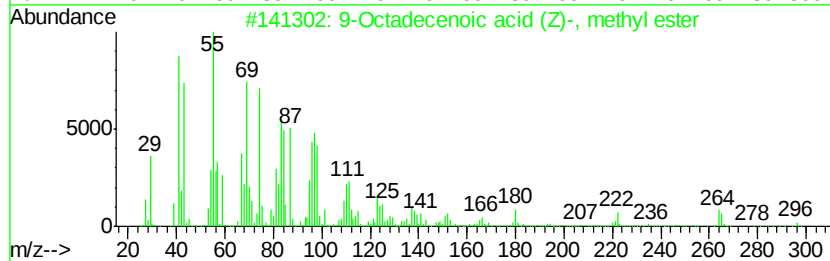
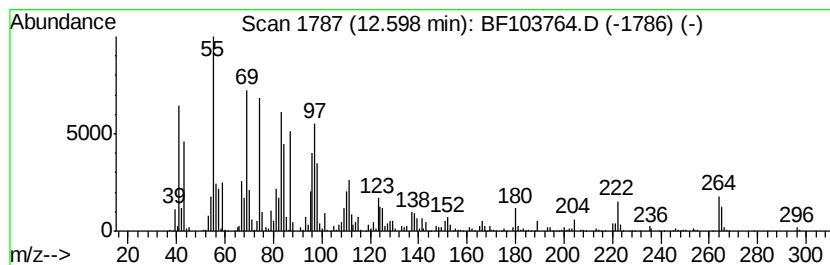
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	101.51 ng	5396790	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031918\
Data File : BF103764.D
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Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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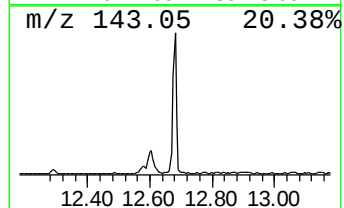
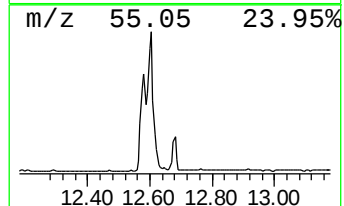
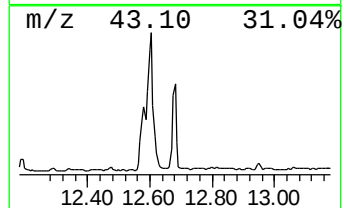
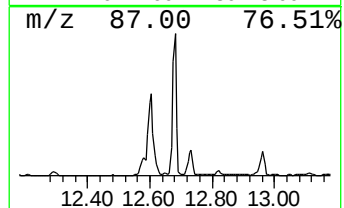
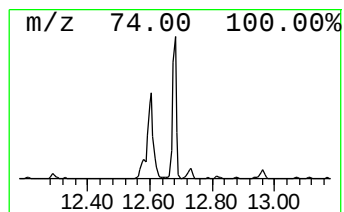
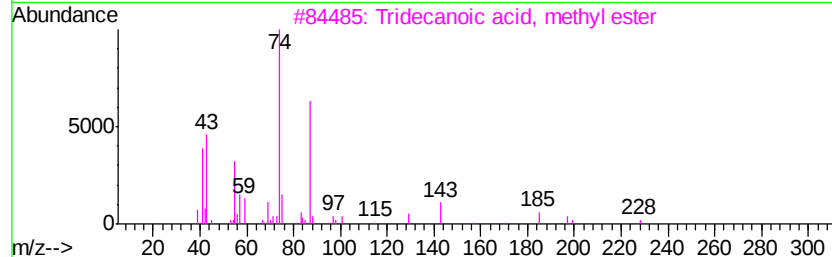
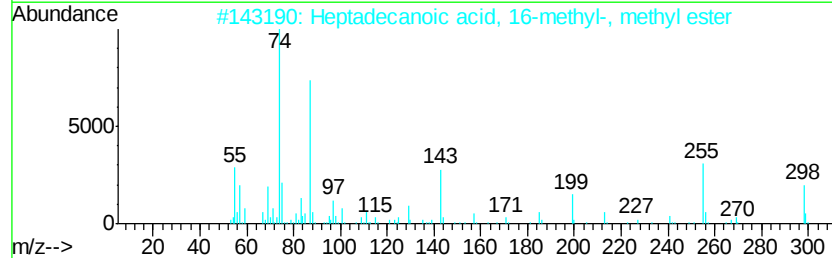
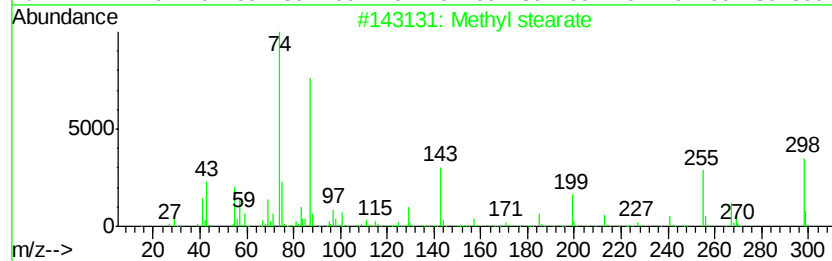
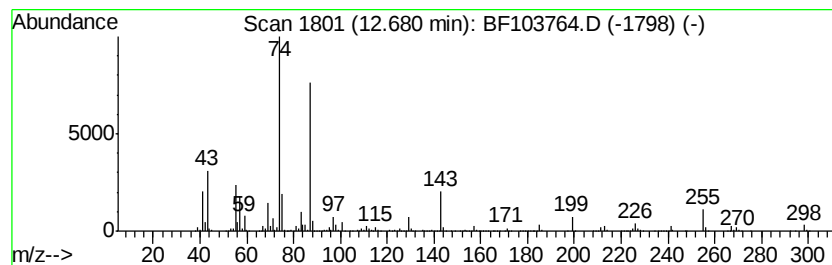
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	29.86 ng	1587640	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	95
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-113(4-5)

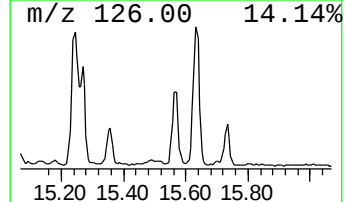
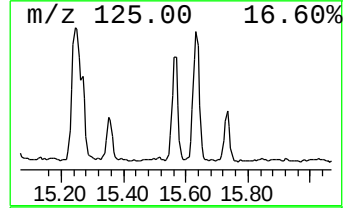
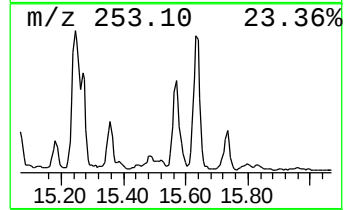
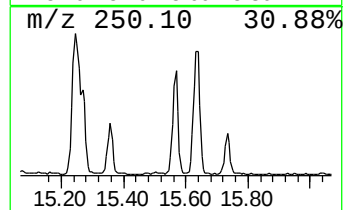
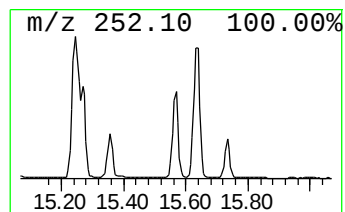
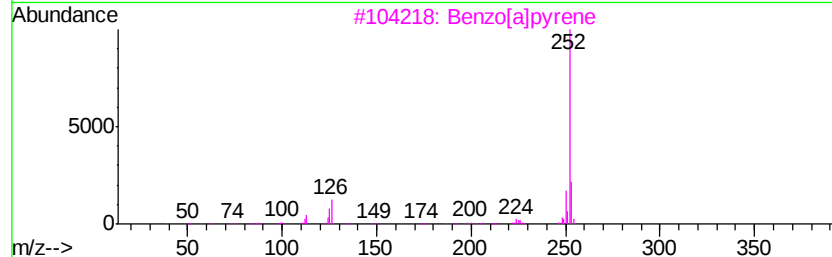
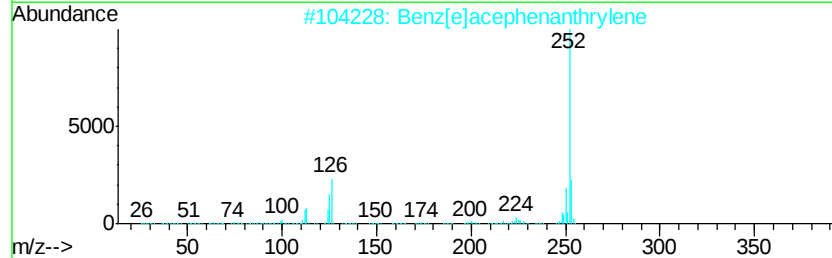
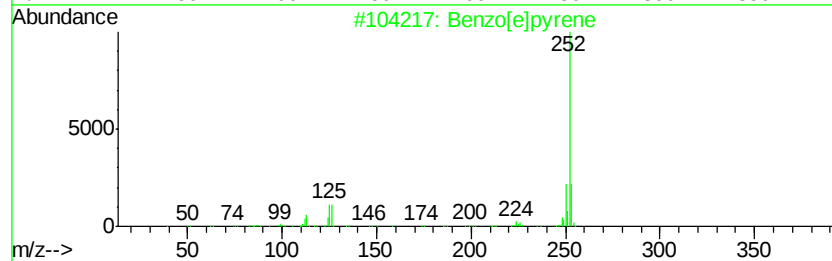
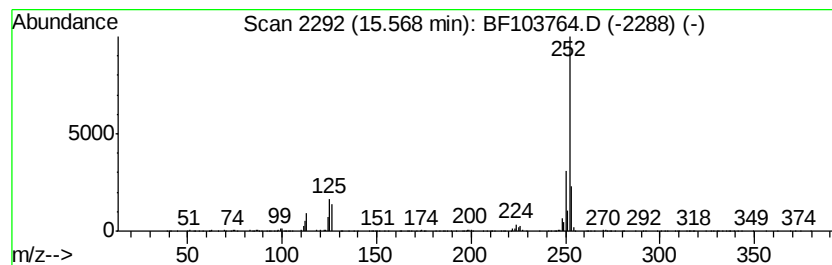
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	18.27 ng	728472	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031918\
 Data File : BF103764.D
 Acq On : 19 Mar 2018 19:10
 Operator : JU/SJ
 Sample : J1965-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-113(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
unknown6.73	6.73	16.6	ng	736286	1	6.97	885941	20.0
Naphthalene, 1-me...	9.06	10.4	ng	635461	2	8.25	1217290	20.0
Naphthalene, 2,6-...	9.59	6.8	ng	392633	3	10.01	1158020	20.0
Naphthalene, 2,3-...	9.66	9.7	ng	561179	3	10.01	1158020	20.0
unknown9.72	9.72	7.3	ng	422303	3	10.01	1158020	20.0
Hexadecane	10.43	7.3	ng	421176	3	10.01	1158020	20.0
9H-Fluorene, 2-me...	11.11	7.2	ng	380525	4	11.51	1063330	20.0
Dibenzothiophene	11.40	9.6	ng	510366	4	11.51	1063330	20.0
Hexadecanoic acid...	11.89	60.7	ng	3226250	4	11.51	1063330	20.0
Anthracene, 2-met...	12.01	13.5	ng	719383	4	11.51	1063330	20.0
Phenanthrene, 1-m...	12.04	15.2	ng	805945	4	11.51	1063330	20.0
4H-Cyclopenta[def...	12.12	26.9	ng	1428980	4	11.51	1063330	20.0
Naphthalene, 2-ph...	12.30	9.1	ng	483939	4	11.51	1063330	20.0
9,12-Octadecadien...	12.58	127.5	ng	6777560	4	11.51	1063330	20.0
9-Octadecenoic ac...	12.60	101.5	ng	5396790	4	11.51	1063330	20.0
Methyl stearate	12.68	29.9	ng	1587640	4	11.51	1063330	20.0
Benzo[e]pyrene	15.57	18.3	ng	728472	6	15.70	797343	20.0