

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100629.D
 Acq On : 16 Nov 2017 14:37
 Operator : SJ/JU
 Sample : I6302-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-A

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-BF110817.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	574	578	586	rVB	275920	259743	6.10%	0.392%
2	6.492	745	749	754	rVB	337451	272090	6.39%	0.410%
3	6.640	771	774	782	rVB	308998	288060	6.77%	0.434%
4	6.881	811	815	818	rVB	788912	634597	14.91%	0.957%
5	7.034	836	841	844	rBV	289535	245399	5.77%	0.370%
6	7.434	907	909	912	rVV	203466	182883	4.30%	0.276%
7	7.469	912	915	919	rVV	312657	262755	6.17%	0.396%
8	8.139	1025	1029	1031	rVV	501004	479669	11.27%	0.723%
9	8.163	1031	1033	1035	rVV	1042137	860322	20.21%	1.297%
10	8.187	1035	1037	1039	rVV	714878	558693	13.13%	0.842%
11	8.575	1100	1103	1106	rBV	197913	172305	4.05%	0.260%
12	8.745	1129	1132	1136	rVV	573130	446456	10.49%	0.673%
13	8.875	1151	1154	1157	rVB	595100	461289	10.84%	0.695%
14	8.975	1167	1171	1175	rVV	543573	473706	11.13%	0.714%
15	9.233	1212	1215	1219	rVB	461123	353021	8.29%	0.532%
16	9.310	1224	1228	1231	rBV	508361	455731	10.71%	0.687%
17	9.498	1256	1260	1264	rVB2	326077	420343	9.88%	0.634%
18	9.575	1264	1273	1275	rBV	455813	547099	12.85%	0.825%
19	9.598	1275	1277	1279	rVB	275533	197248	4.63%	0.297%
20	9.692	1290	1293	1295	rBV	257550	242732	5.70%	0.366%
21	9.775	1304	1307	1311	rVB	305107	257236	6.04%	0.388%
22	9.839	1311	1318	1321	rBV	401393	339935	7.99%	0.512%
23	9.916	1328	1331	1334	rVB2	998116	837872	19.68%	1.263%
24	9.951	1334	1337	1340	rVB	1212238	955756	22.45%	1.441%
25	10.122	1360	1366	1369	rVB	780559	777296	18.26%	1.172%
26	10.157	1369	1372	1377	rBV3	208675	191852	4.51%	0.289%
27	10.228	1381	1384	1387	rBV2	155246	169660	3.99%	0.256%
28	10.339	1401	1403	1406	rVB	388695	271162	6.37%	0.409%
29	10.463	1420	1424	1429	rVV	1489688	1343731	31.57%	2.026%
30	10.551	1437	1439	1442	rVV2	258199	288188	6.77%	0.434%
31	10.622	1448	1451	1454	rVV2	300457	311550	7.32%	0.470%
32	10.698	1458	1464	1468	rVV	409255	466620	10.96%	0.703%
33	10.810	1480	1483	1489	rBV2	272942	385195	9.05%	0.581%
34	11.010	1511	1517	1519	rBV2	321446	377427	8.87%	0.569%

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35	11.039	1519	1522	1525	rVV2	180846	193449	4.54%	0.292%
36	11.133	1534	1538	1540	rBV3	123755	165481	3.89%	0.249%
37	11.257	1554	1559	1562	rVV2	256109	318979	7.49%	0.481%
38	11.298	1562	1566	1571	rVB	497447	498531	11.71%	0.752%
39	11.404	1580	1584	1586	rBV	883104	1018440	23.93%	1.535%
40	11.439	1586	1590	1592	rVV	3847038	4256477	100.00%	6.417%
41	11.480	1592	1597	1600	rVV	1848556	1767251	41.52%	2.664%
42	11.510	1600	1602	1604	rVV	187289	178214	4.19%	0.269%
43	11.627	1616	1622	1629	rVV	450628	564007	13.25%	0.850%
44	11.686	1629	1632	1637	rVV3	202010	325536	7.65%	0.491%
45	11.733	1637	1640	1644	rVV3	167375	196626	4.62%	0.296%
46	11.786	1645	1649	1652	rVV	1692409	1401578	32.93%	2.113%
47	11.904	1663	1669	1671	rBV	768862	705131	16.57%	1.063%
48	11.933	1671	1674	1677	rVB	993210	855636	20.10%	1.290%
49	11.980	1677	1682	1685	rBV	423244	425250	9.99%	0.641%
50	12.016	1685	1688	1691	rVV2	1159938	1416747	33.28%	2.136%
51	12.039	1691	1692	1695	rVB	516261	258320	6.07%	0.389%
52	12.092	1695	1701	1706	rBV3	142854	239843	5.63%	0.362%
53	12.198	1716	1719	1721	rVV	493745	423315	9.95%	0.638%
54	12.451	1758	1762	1763	rBV	338916	333174	7.83%	0.502%
55	12.480	1763	1767	1768	rVV	2742893	2758499	64.81%	4.158%
56	12.498	1768	1770	1775	rVV	3086899	2959238	69.52%	4.461%
57	12.539	1775	1777	1781	rVV2	164539	211632	4.97%	0.319%
58	12.580	1781	1784	1787	rVB	816396	614982	14.45%	0.927%
59	12.627	1787	1792	1795	rBV	3397121	3835860	90.12%	5.783%
60	12.769	1808	1816	1819	rBV2	190867	285290	6.70%	0.430%
61	12.857	1823	1831	1835	rBV2	3020500	4243413	99.69%	6.397%
62	12.892	1835	1837	1842	rVB2	218938	249706	5.87%	0.376%
63	12.963	1846	1849	1850	rBV	259601	212966	5.00%	0.321%
64	12.980	1850	1852	1854	rVV	332353	290538	6.83%	0.438%
65	13.004	1854	1856	1859	rVB	214452	179476	4.22%	0.271%
66	13.057	1860	1865	1869	rBV3	288799	498811	11.72%	0.752%
67	13.145	1877	1880	1882	rVV3	211657	269371	6.33%	0.406%
68	13.174	1882	1885	1888	rVB	807048	731818	17.19%	1.103%
69	13.239	1892	1896	1898	rVV	827279	740853	17.41%	1.117%
70	13.274	1898	1902	1905	rVV2	442620	481098	11.30%	0.725%
71	13.369	1915	1918	1920	rVV	262306	243977	5.73%	0.368%

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72	13.398	1920	1923	1929	rVV2	250130	317872	7.47%	0.479%
73	13.792	1985	1990	1992	rBV2	250850	307668	7.23%	0.464%
74	13.816	1992	1994	1996	rVV	315875	266156	6.25%	0.401%
75	13.839	1996	1998	2002	rVV2	256172	331327	7.78%	0.499%
76	13.880	2002	2005	2009	rVB3	156257	184067	4.32%	0.277%
77	13.957	2013	2018	2024	rBV2	85296	173264	4.07%	0.261%
78	14.033	2024	2031	2035	rBV3	1819577	2785472	65.44%	4.199%
79	14.068	2035	2037	2042	rVB	1515791	1414861	33.24%	2.133%
80	14.145	2048	2050	2053	rBV	390002	323456	7.60%	0.488%
81	14.263	2066	2070	2073	rBV2	187723	234980	5.52%	0.354%
82	14.421	2093	2097	2100	rVV	311132	356822	8.38%	0.538%
83	14.457	2100	2103	2106	rVB	198957	165860	3.90%	0.250%
84	14.521	2107	2114	2116	rBV2	215082	302152	7.10%	0.455%
85	14.568	2120	2122	2126	rVB	249675	229763	5.40%	0.346%
86	14.610	2126	2129	2137	rVB4	136723	263059	6.18%	0.397%
87	14.921	2179	2182	2189	rVB2	159609	255315	6.00%	0.385%
88	15.092	2205	2211	2213	rBV	1133706	1872590	43.99%	2.823%
89	15.115	2213	2215	2218	rVB	710513	636214	14.95%	0.959%
90	15.192	2225	2228	2232	rVB	333139	333275	7.83%	0.502%
91	15.392	2257	2262	2268	rVB	690914	1031827	24.24%	1.555%
92	15.463	2268	2274	2279	rBV	1115613	1542203	36.23%	2.325%
93	15.521	2279	2284	2286	rBV	547764	722046	16.96%	1.088%
94	15.551	2286	2289	2295	rVB2	392552	515168	12.10%	0.777%
95	16.080	2376	2379	2388	rVB2	122100	211490	4.97%	0.319%
96	17.004	2529	2536	2544	rVB2	514071	1013099	23.80%	1.527%
97	17.180	2560	2566	2570	rBV2	118247	224100	5.26%	0.338%
98	17.239	2572	2576	2582	rBV2	79894	162549	3.82%	0.245%
99	17.456	2606	2613	2623	rVB	361970	775031	18.21%	1.168%
100	17.692	2647	2653	2658	rBV	126846	246529	5.79%	0.372%

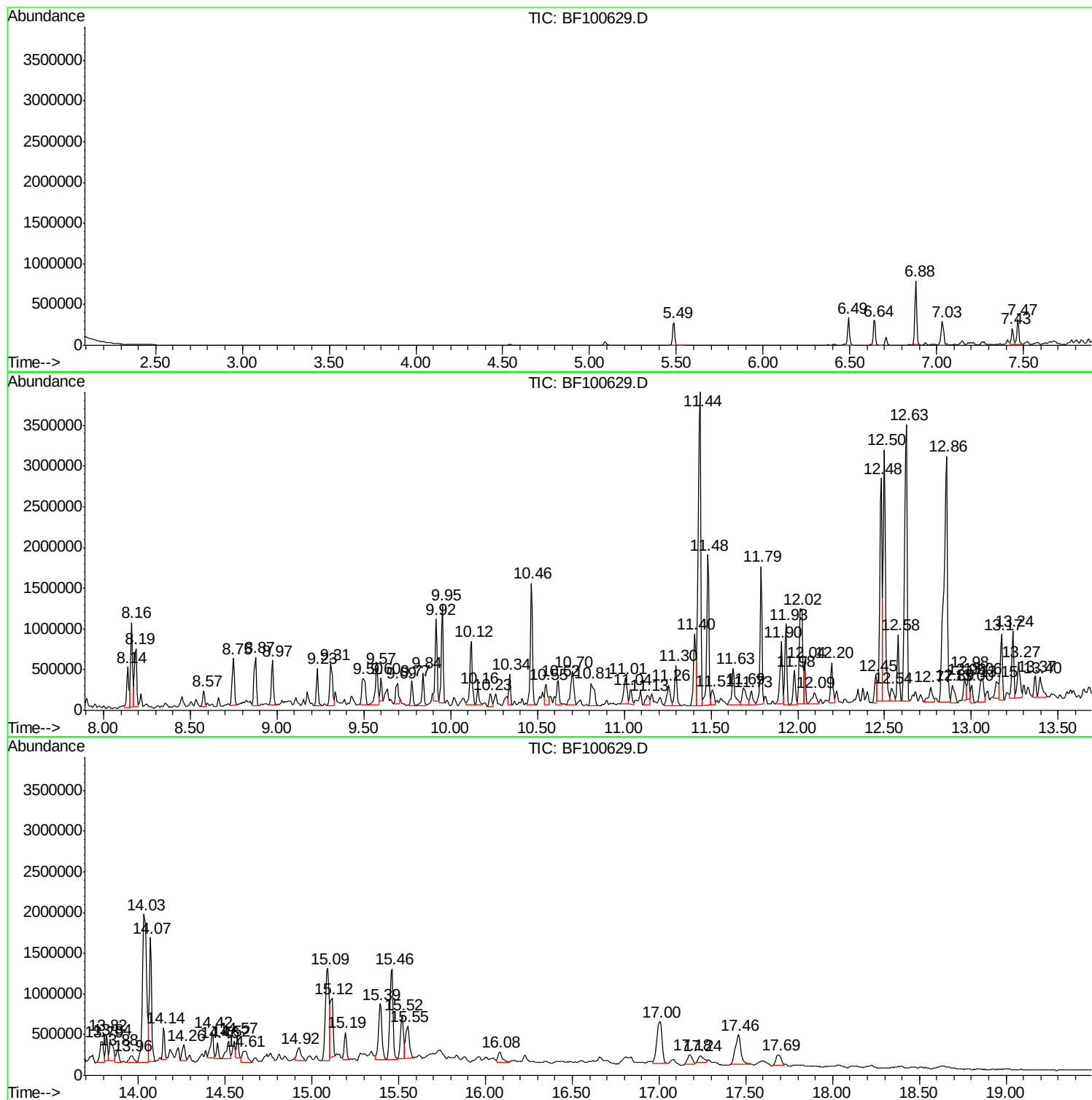
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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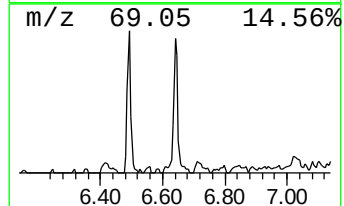
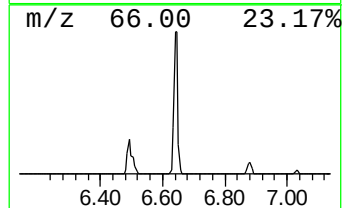
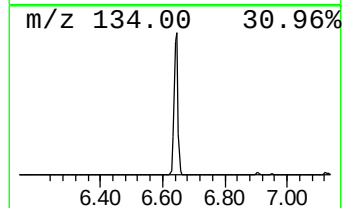
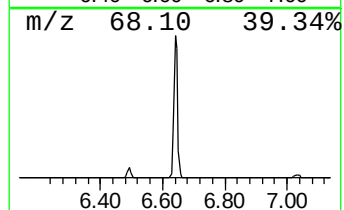
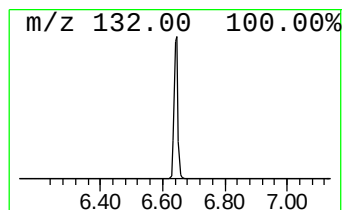
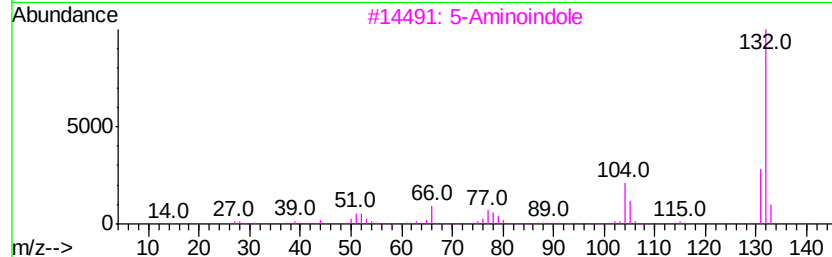
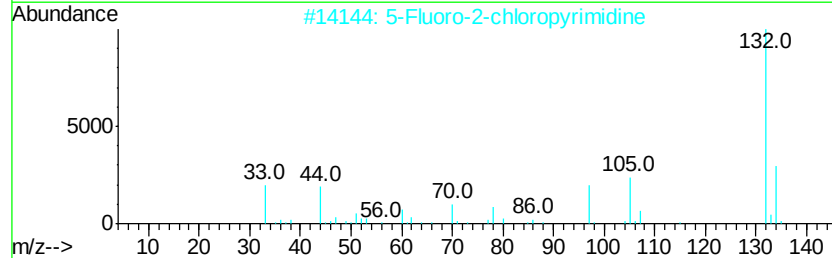
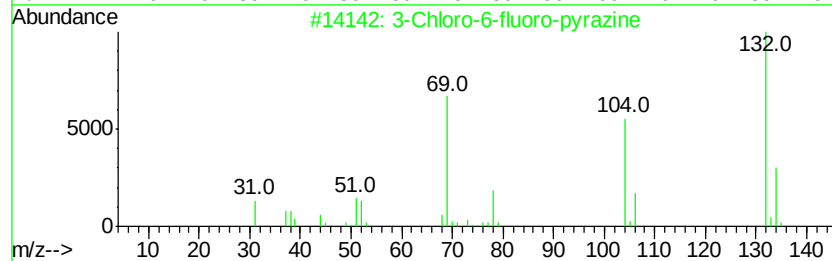
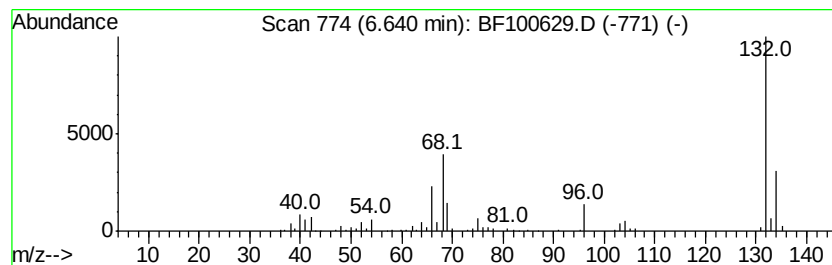
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.64 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	9.08 ng	288060	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3			5-Aminoindole	132	C8H8N2	005192-03-0	9
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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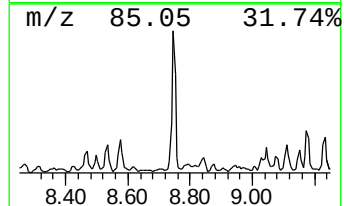
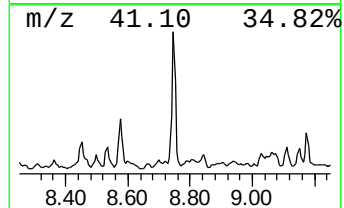
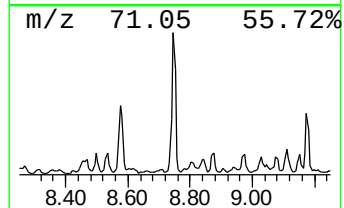
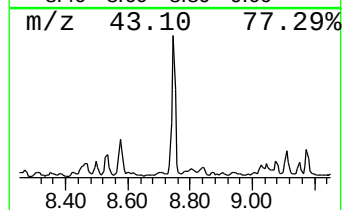
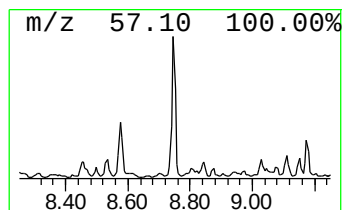
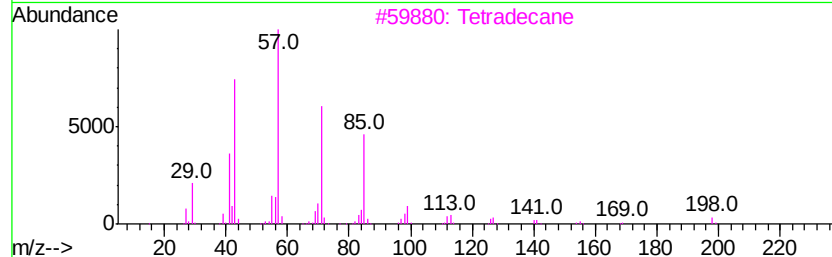
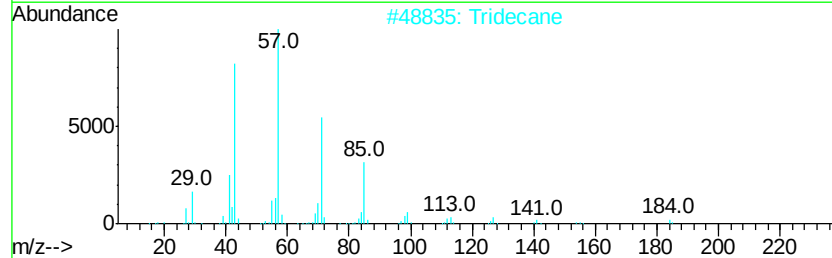
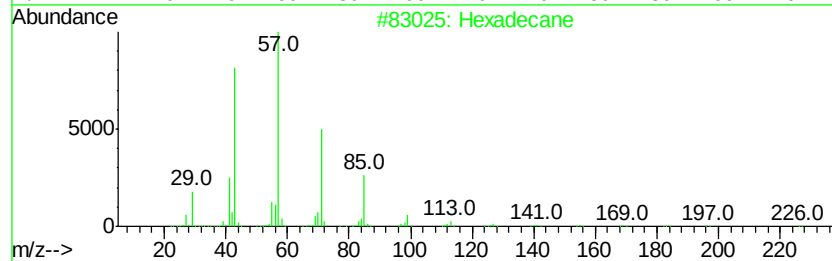
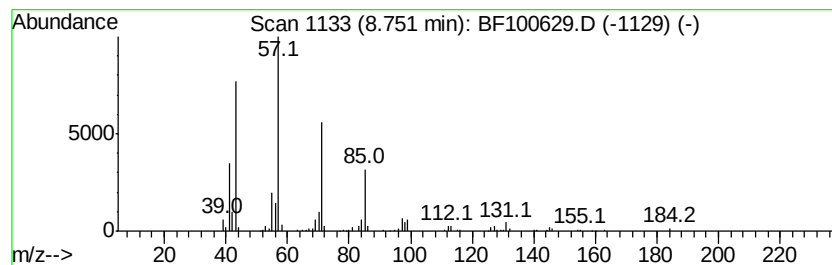
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	10.38 ng	446456	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	83
3	Tetradecane		198	C14H30	000629-59-4	83
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	81
5	Dodecane		170	C12H26	000112-40-3	72



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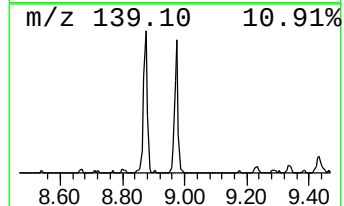
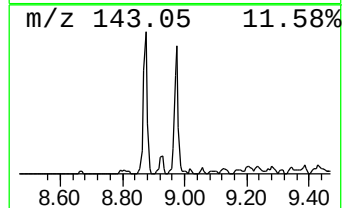
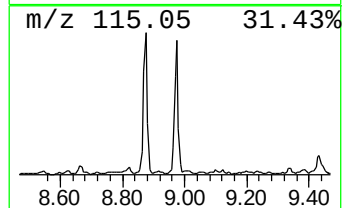
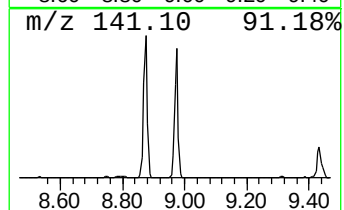
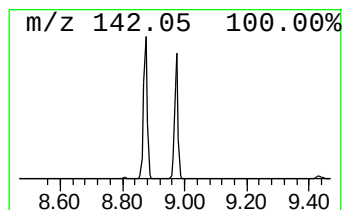
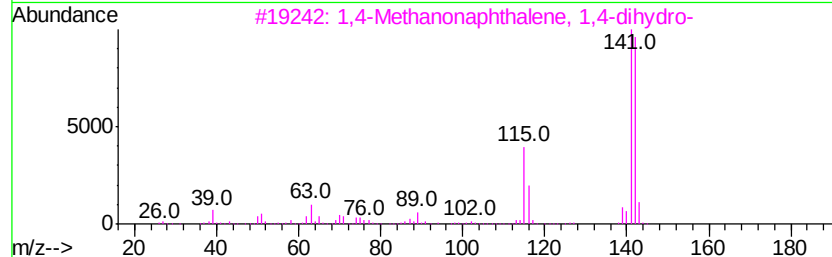
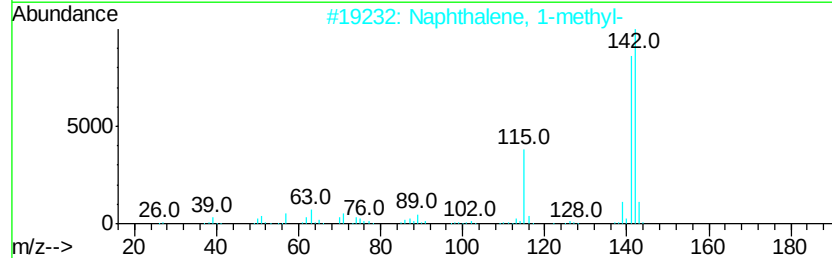
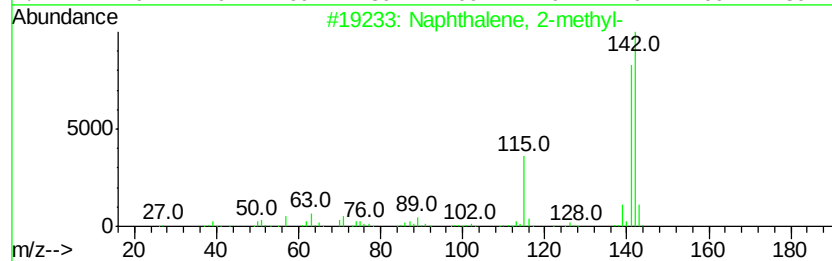
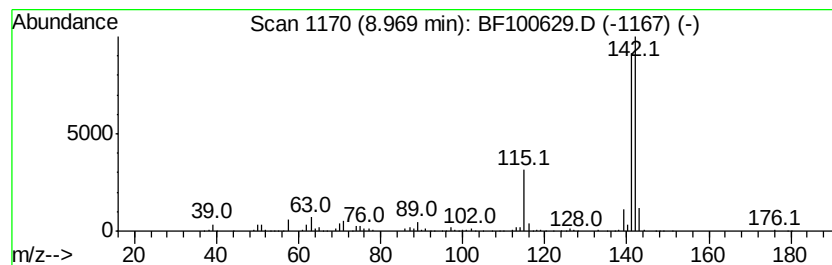
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Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	11.01 ng	473706	Naphthalene-d8	8.16

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		1,4-Methanonaphthalene, 1,4-dihydro-	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100629.D
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Operator : SJ/JU
Sample : I6302-01 10X
Misc :
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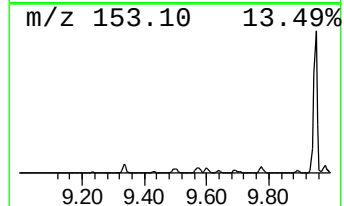
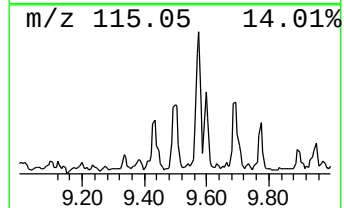
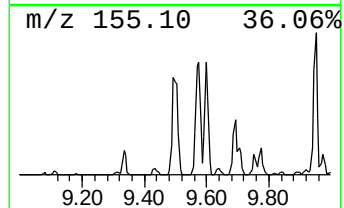
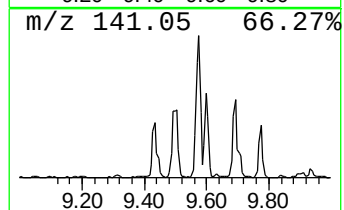
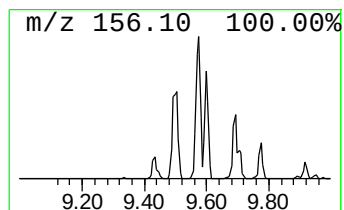
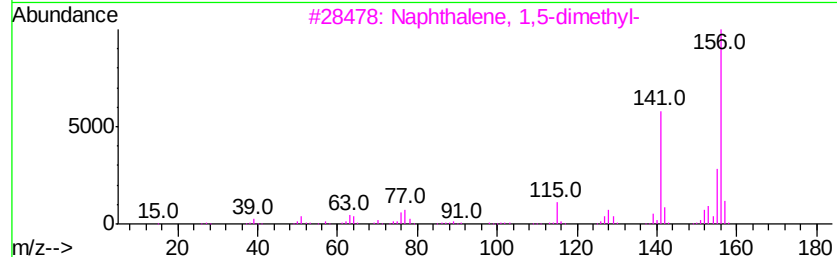
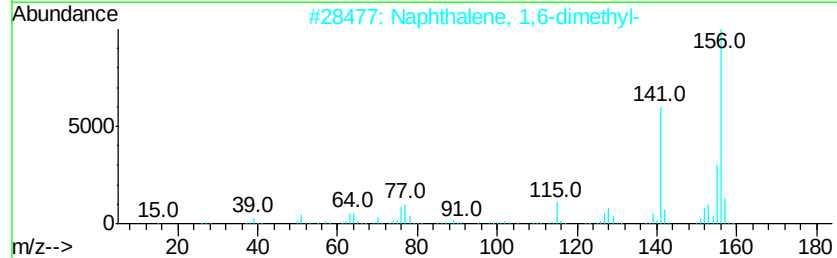
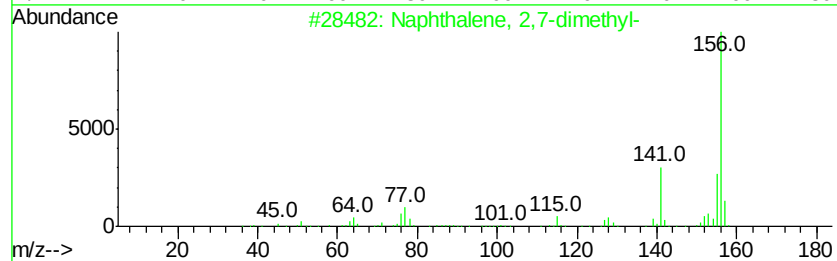
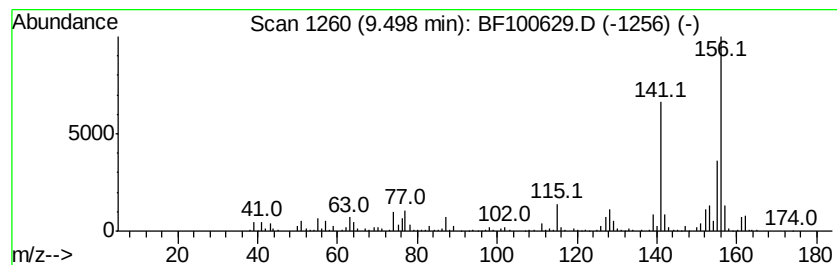
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	10.03 ng	420343	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100629.D
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Sample : I6302-01 10X
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Instrument :
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ClientSampleId :
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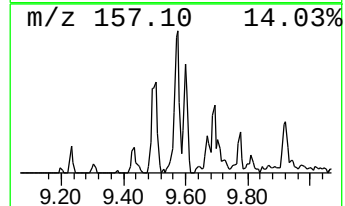
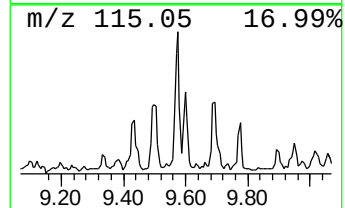
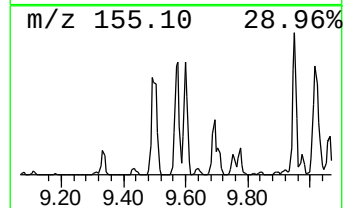
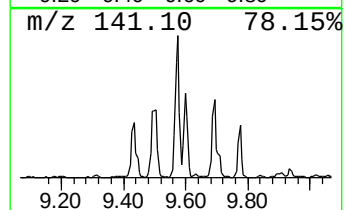
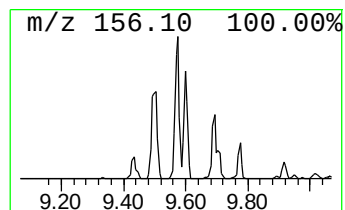
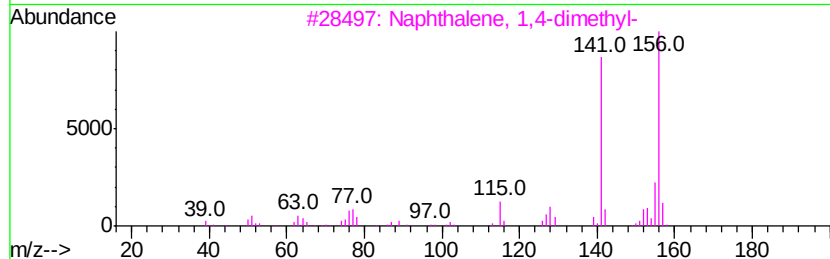
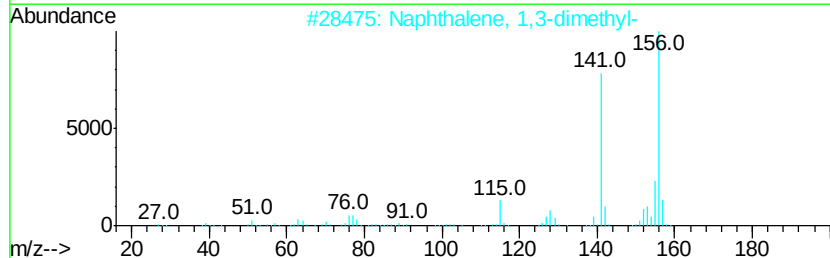
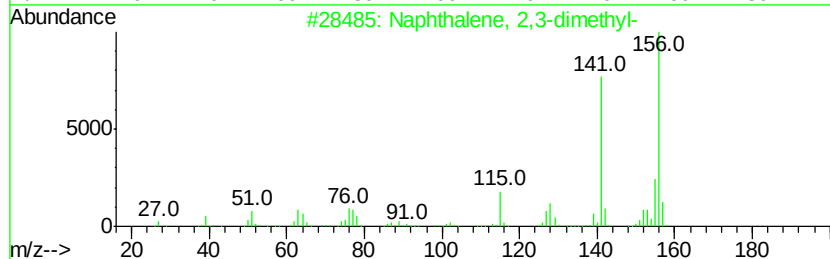
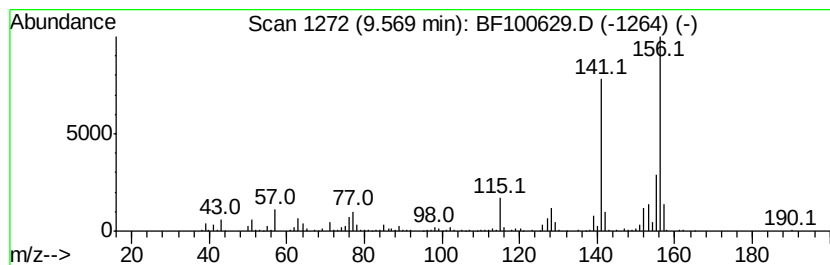
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	13.06 ng	547099	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100629.D
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Operator : SJ/JU
Sample : I6302-01 10X
Misc :
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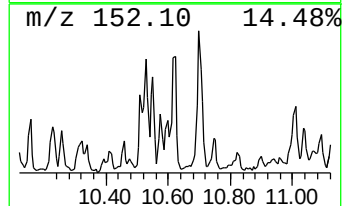
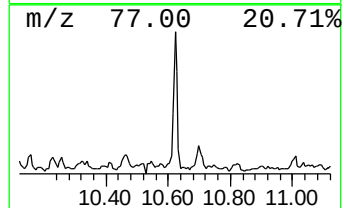
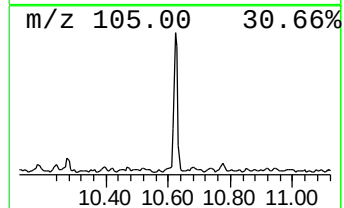
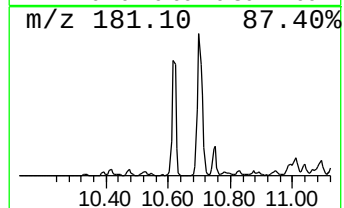
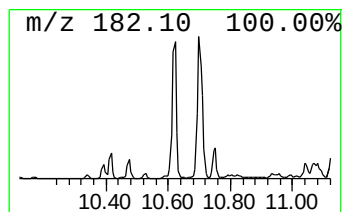
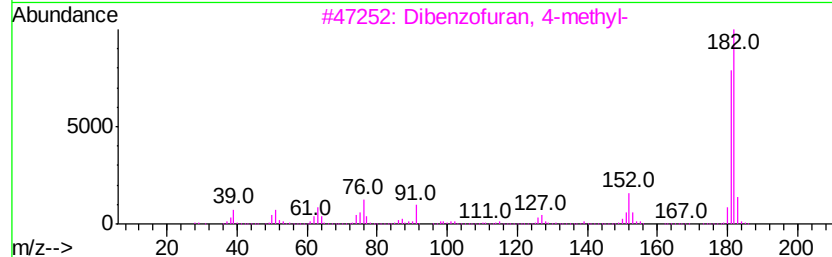
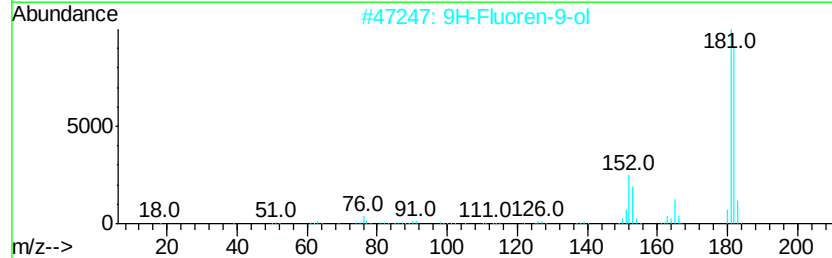
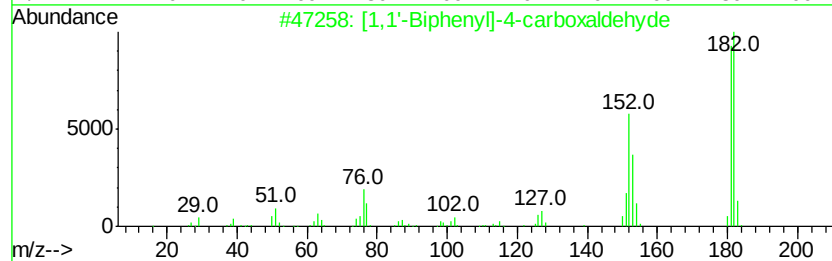
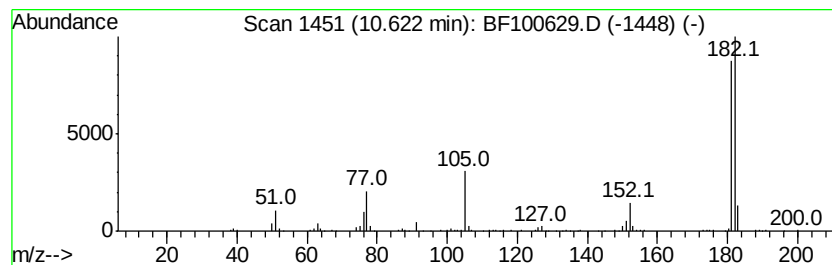
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.62	7.44 ng	311550	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	59
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	59
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100629.D
Acq On : 16 Nov 2017 14:37
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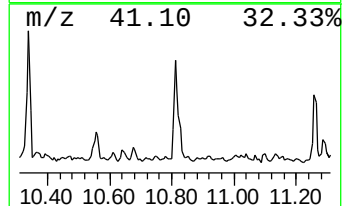
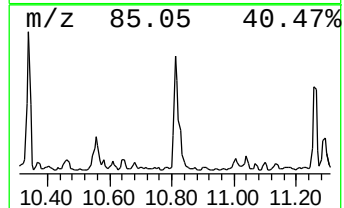
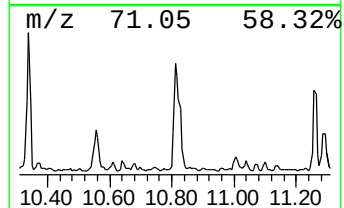
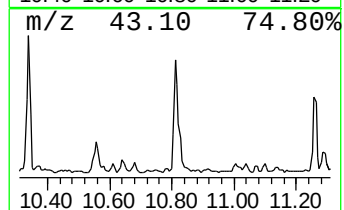
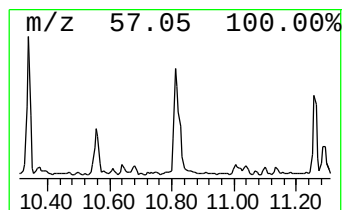
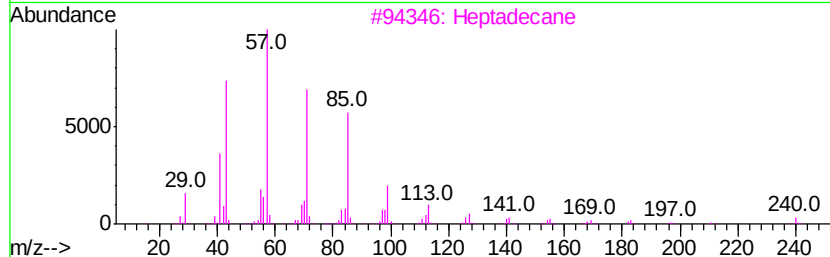
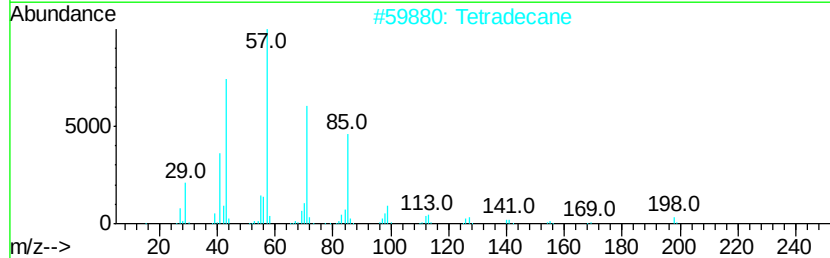
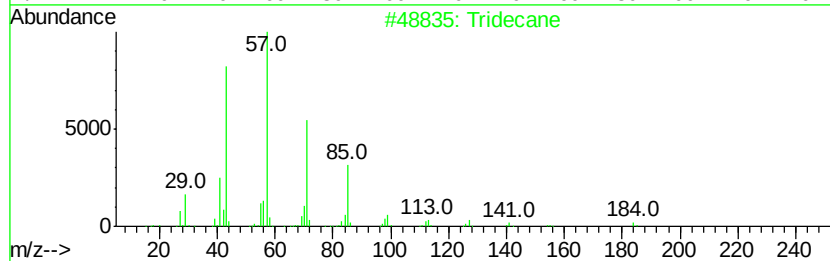
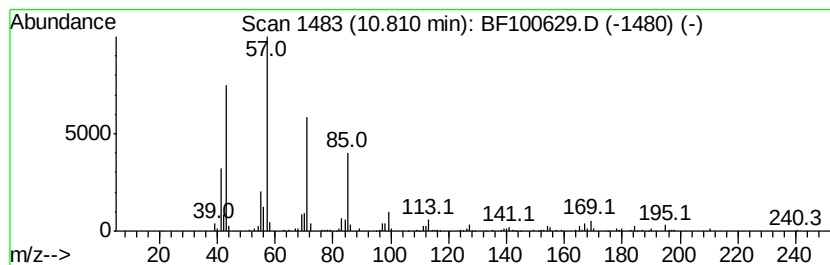
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	7.56 ng	385195	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tetradecane	198	C14H30	000629-59-4	95
3		Heptadecane	240	C17H36	000629-78-7	95
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
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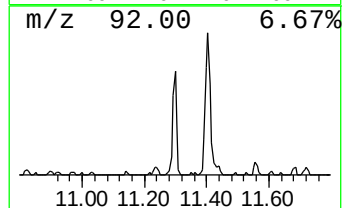
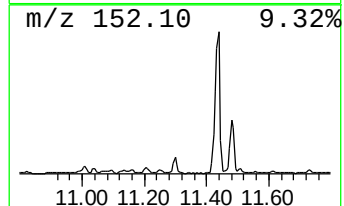
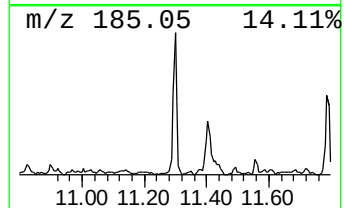
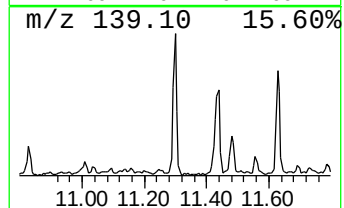
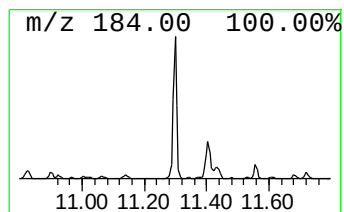
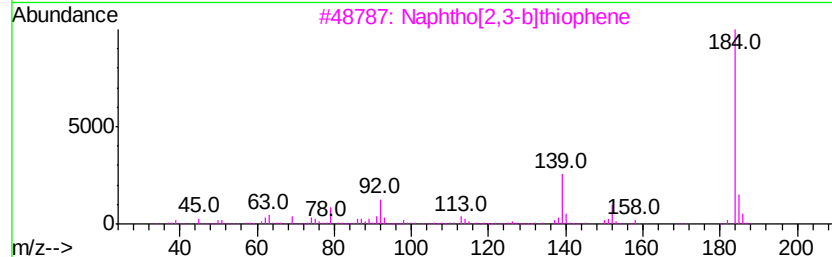
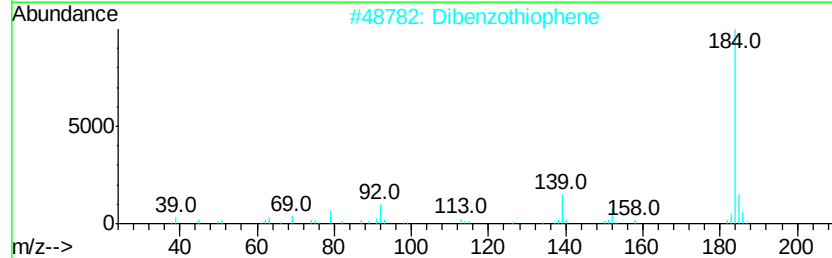
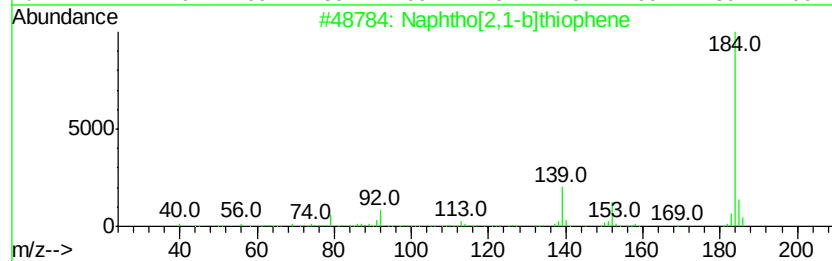
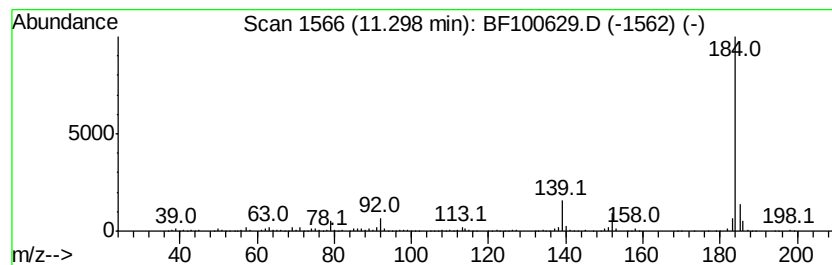
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.30	9.79 ng	498531	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
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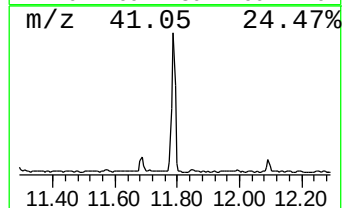
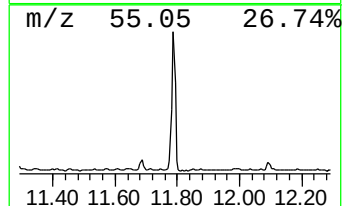
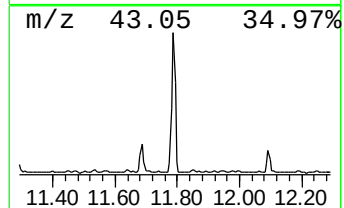
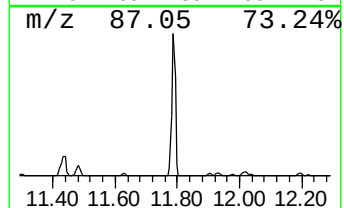
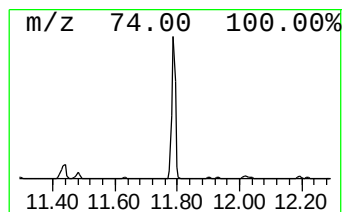
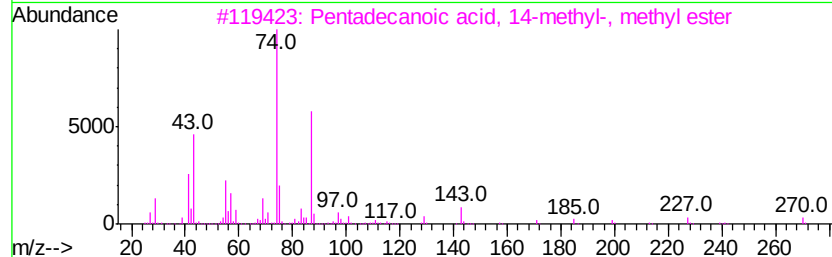
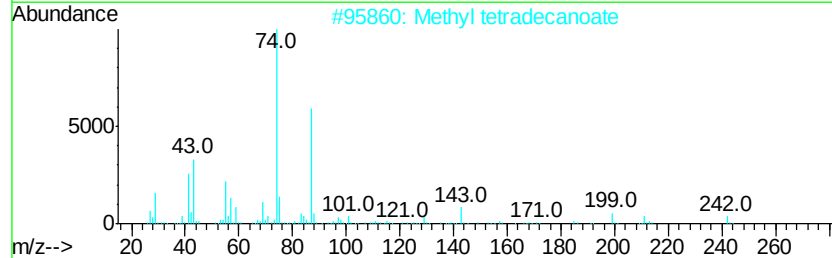
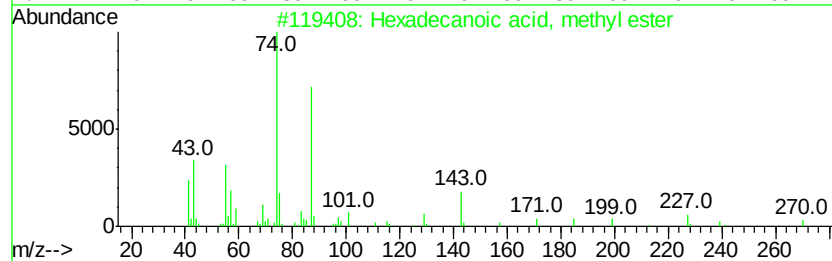
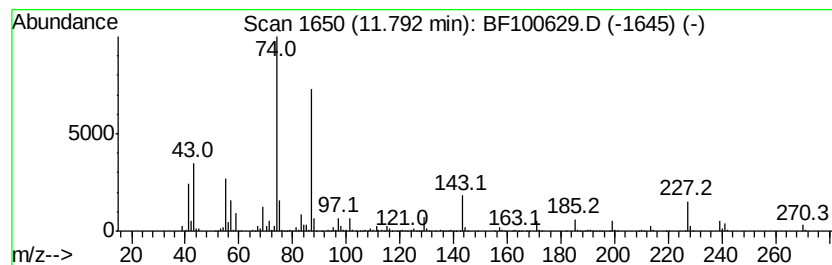
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	27.52 ng	1401580	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100629.D
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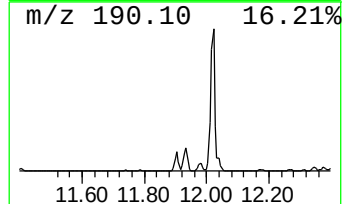
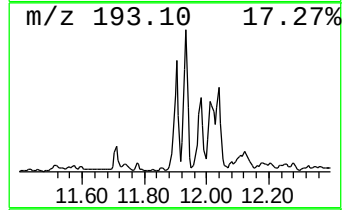
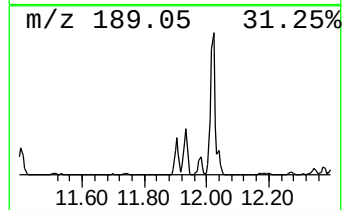
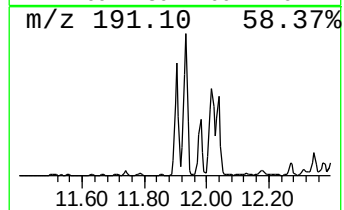
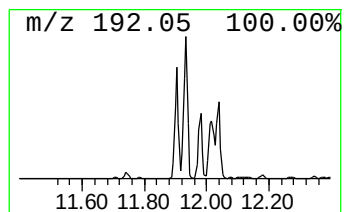
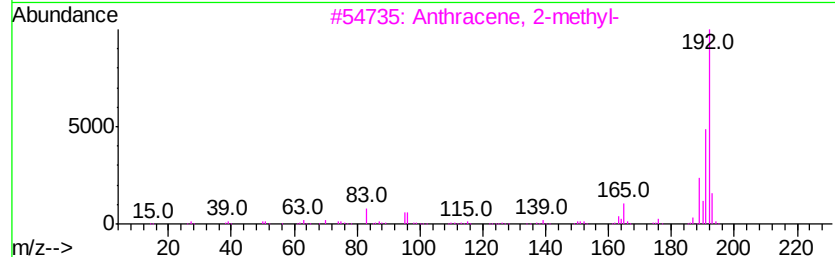
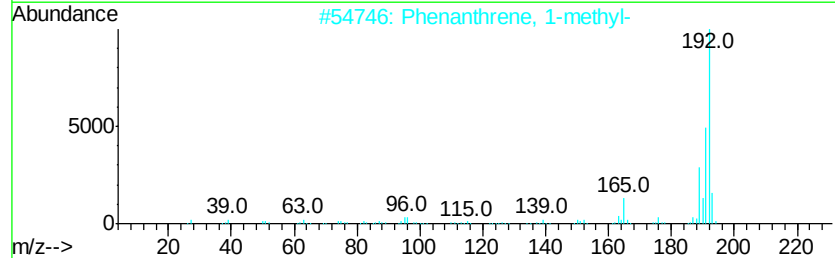
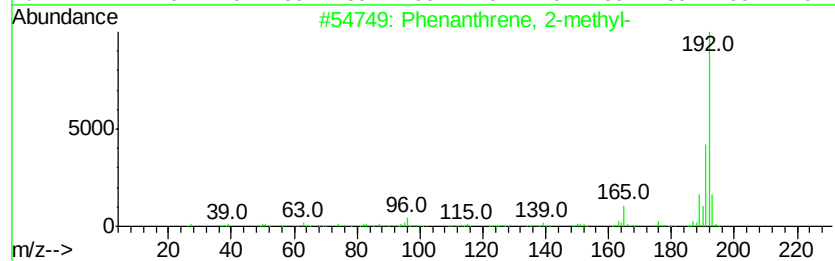
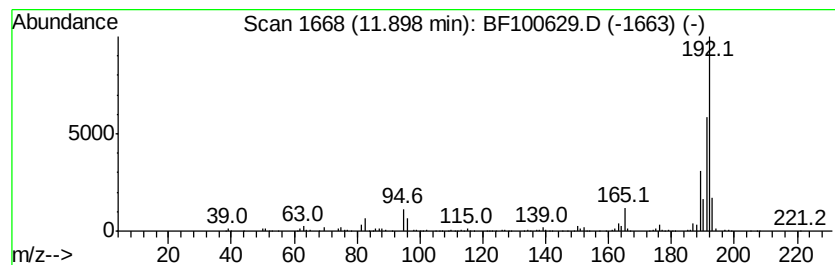
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	13.85 ng	705131	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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Data File : BF100629.D
Acq On : 16 Nov 2017 14:37
Operator : SJ/JU
Sample : I6302-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-111317-A

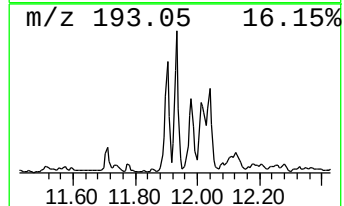
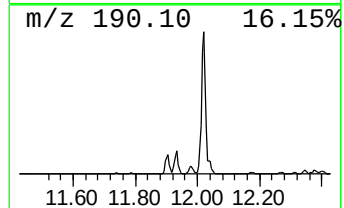
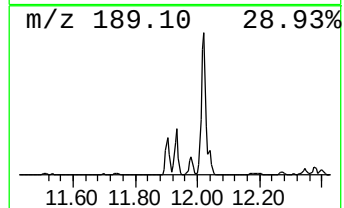
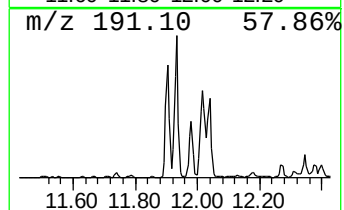
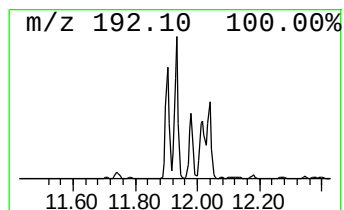
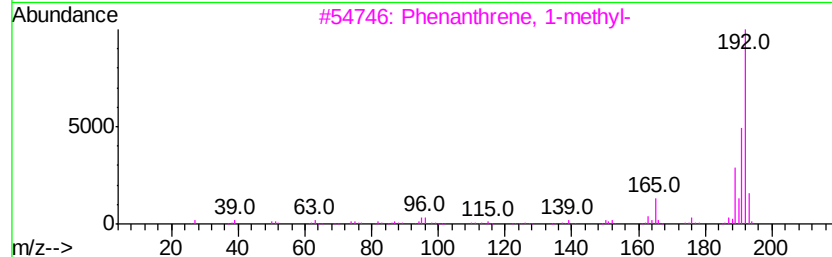
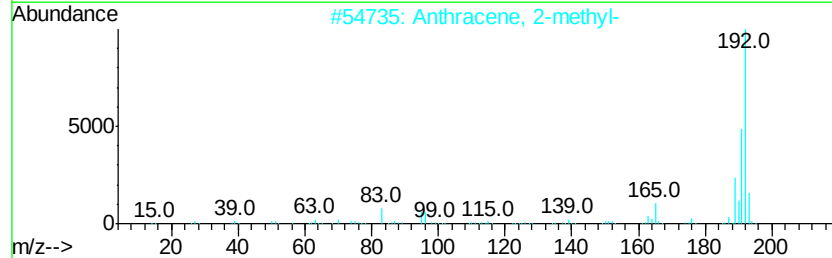
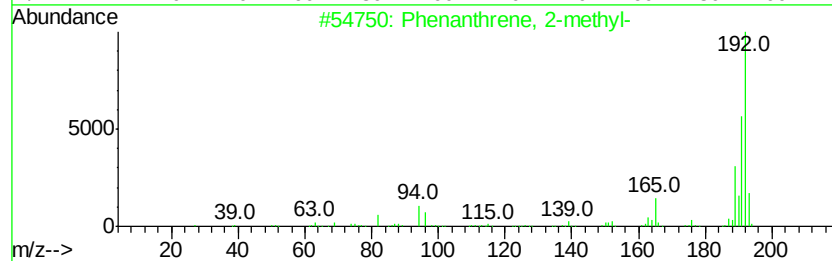
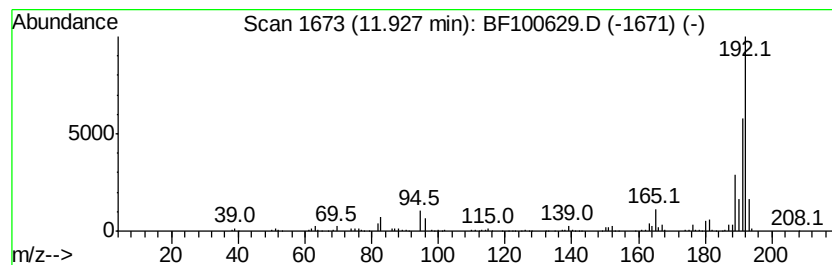
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	16.80 ng	855636	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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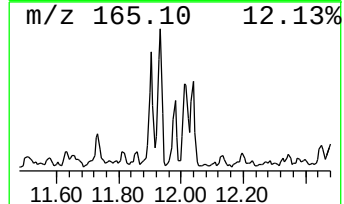
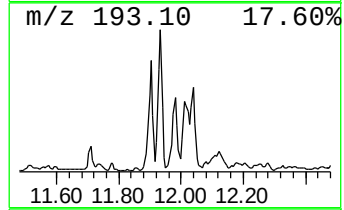
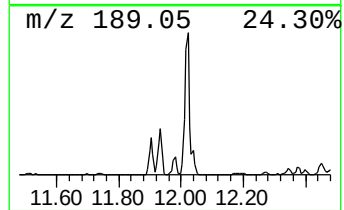
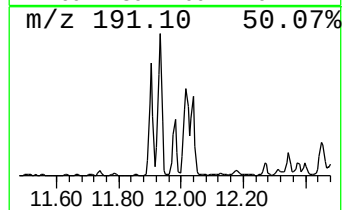
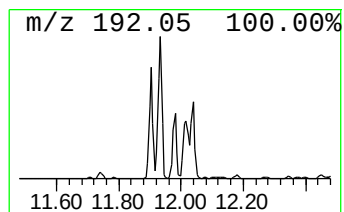
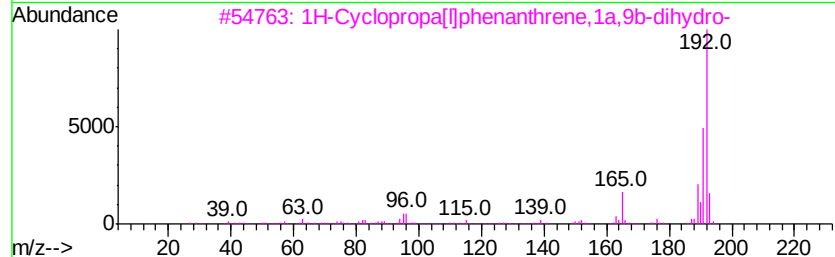
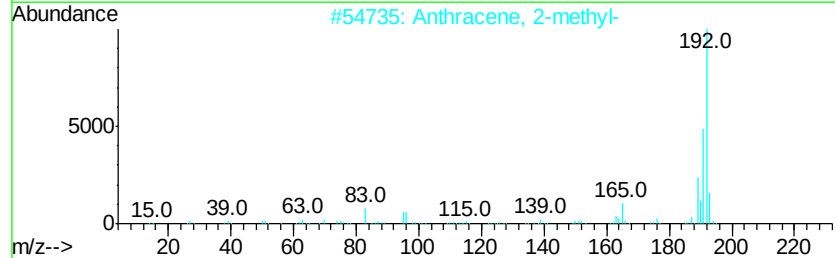
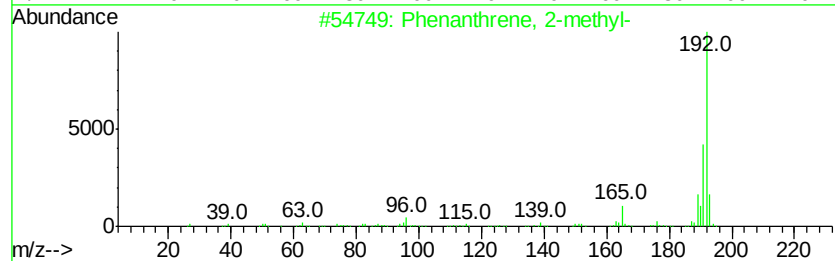
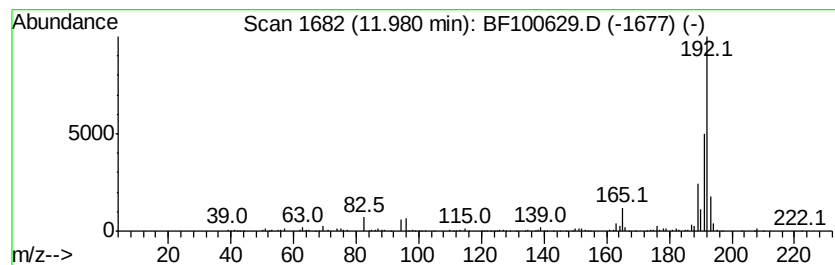
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.35 ng	425250	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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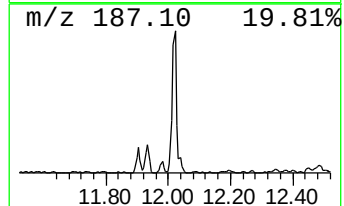
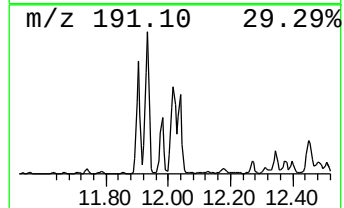
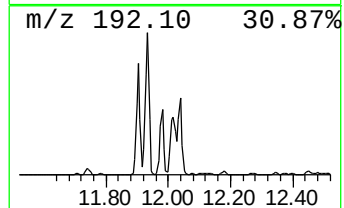
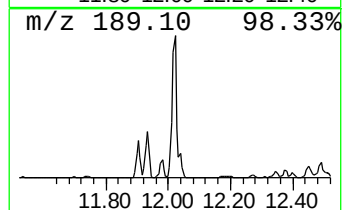
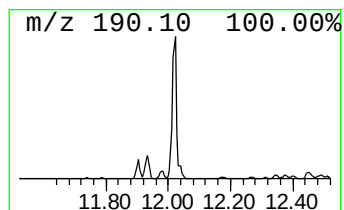
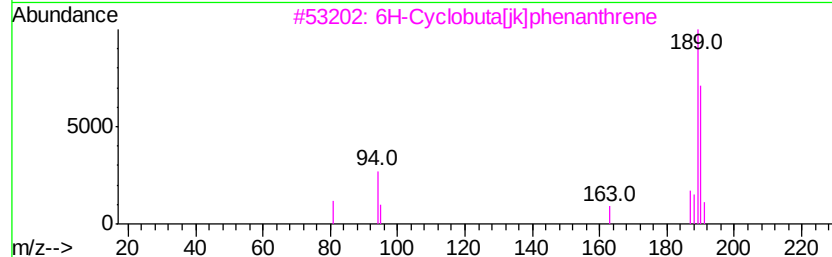
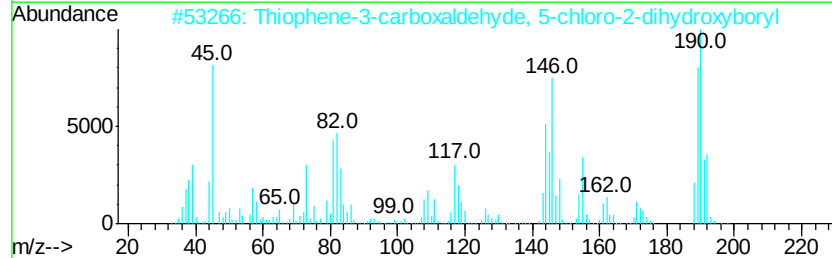
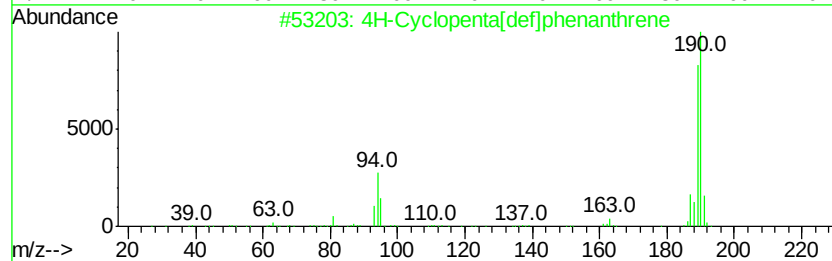
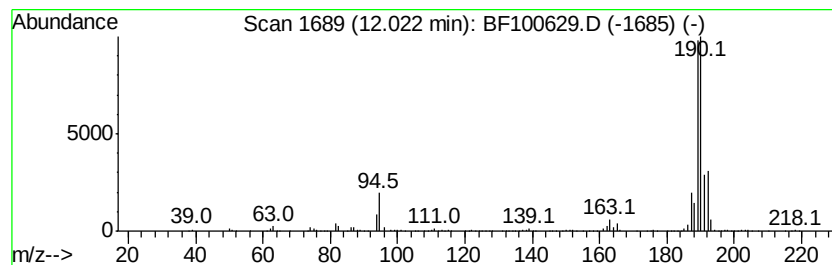
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	27.82 ng	1416750	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	53
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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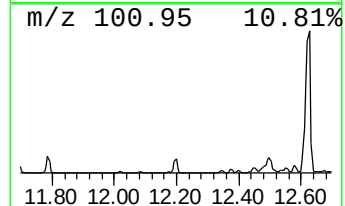
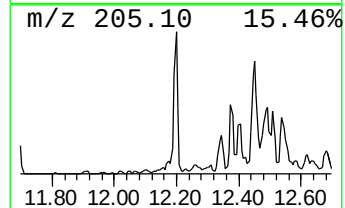
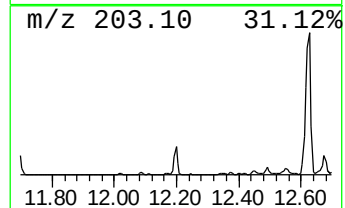
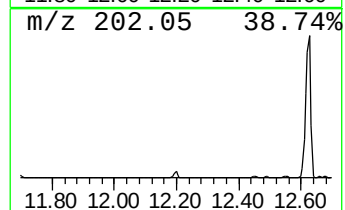
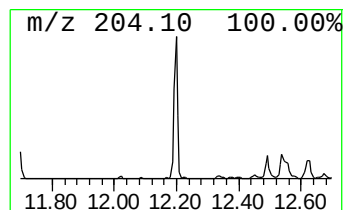
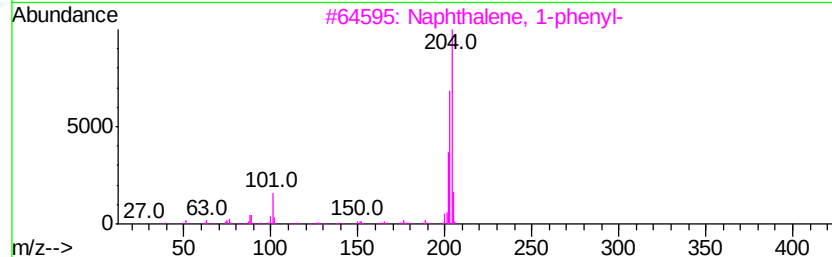
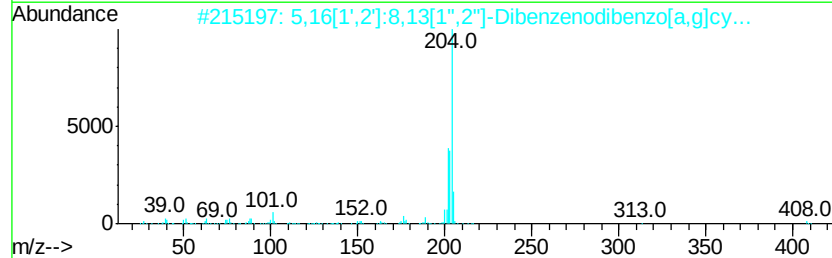
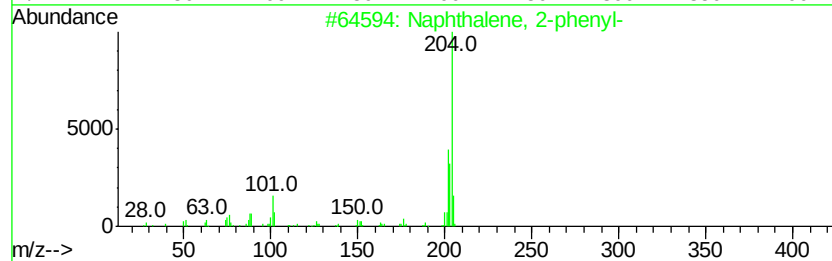
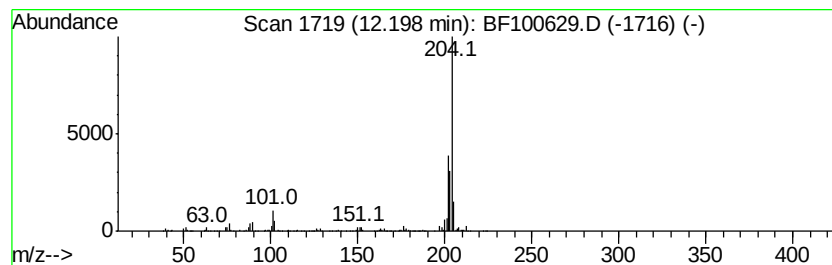
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	8.31 ng	423315	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5		Levamisole	204	C11H12N2S	014769-73-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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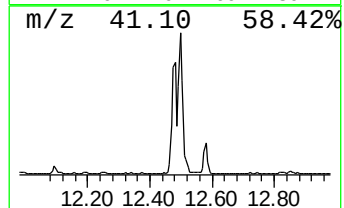
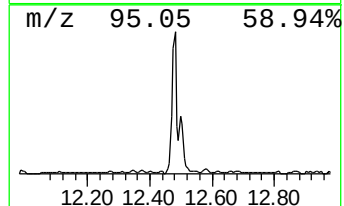
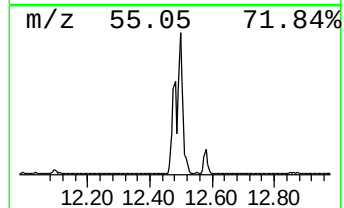
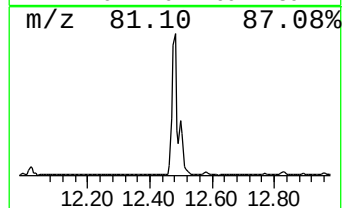
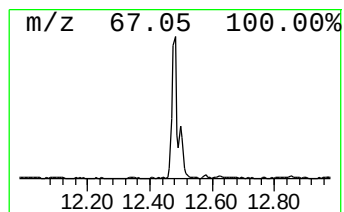
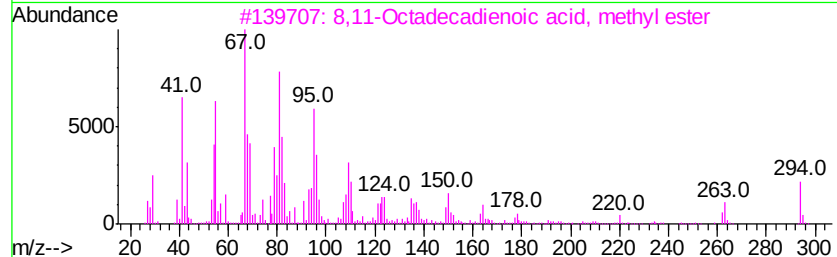
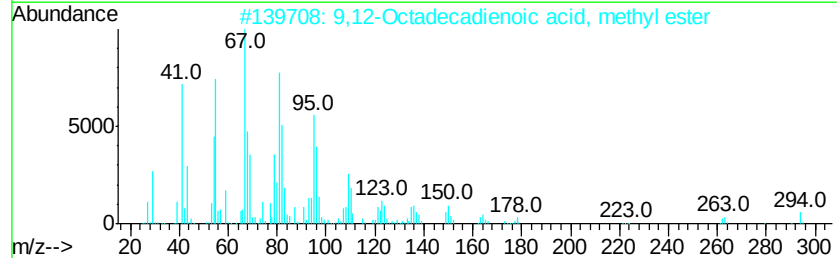
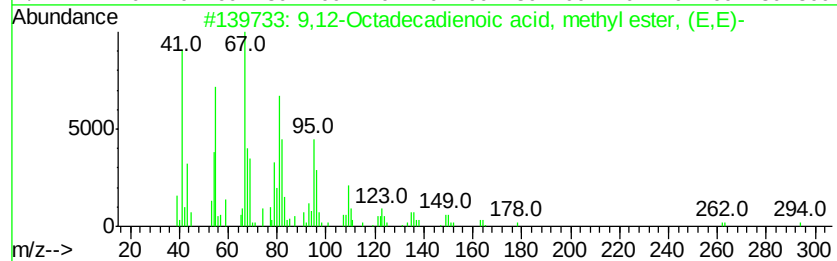
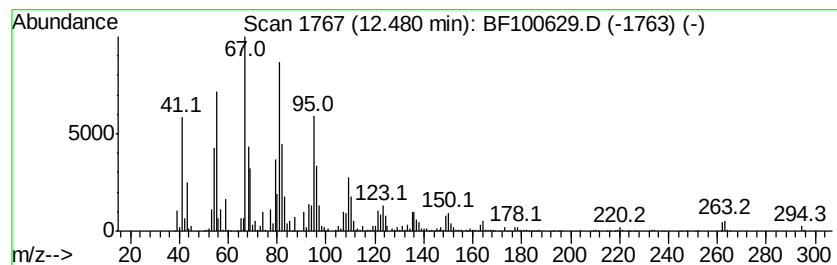
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	54.17 ng	2758500	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



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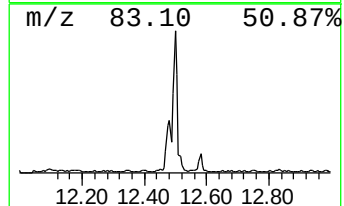
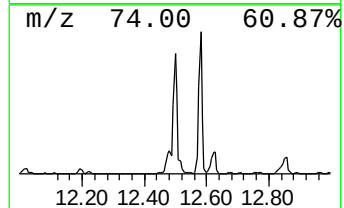
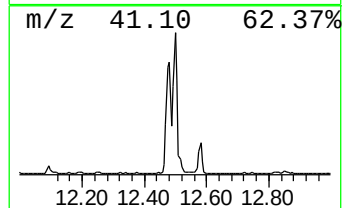
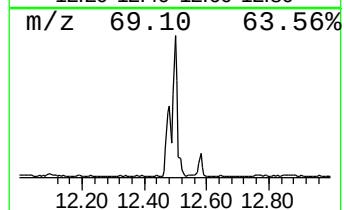
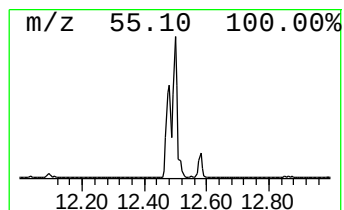
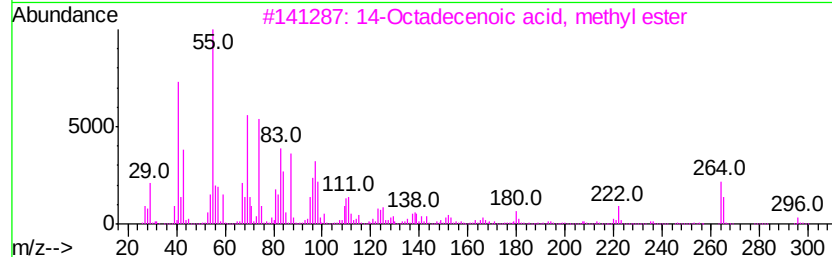
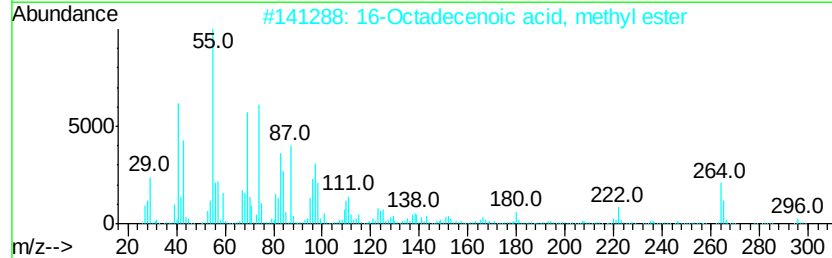
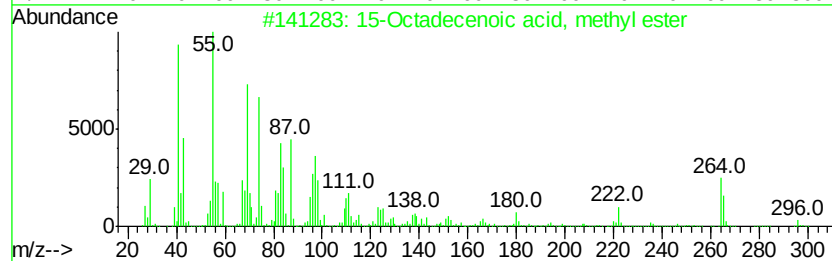
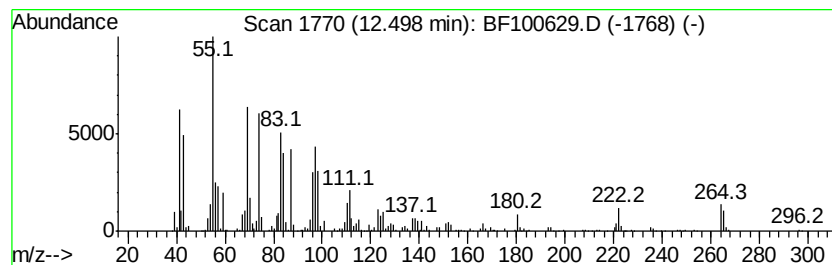
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 15-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	58.11 ng	2959240	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94



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Sample : I6302-01 10X
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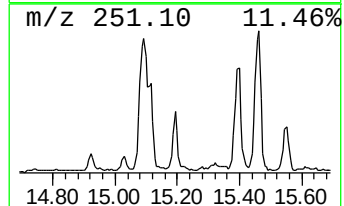
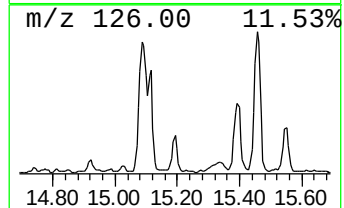
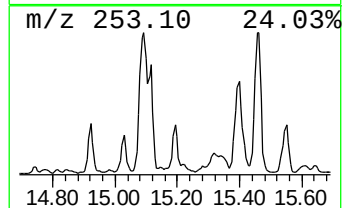
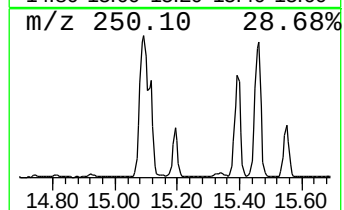
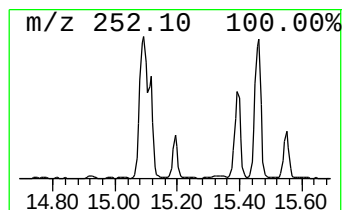
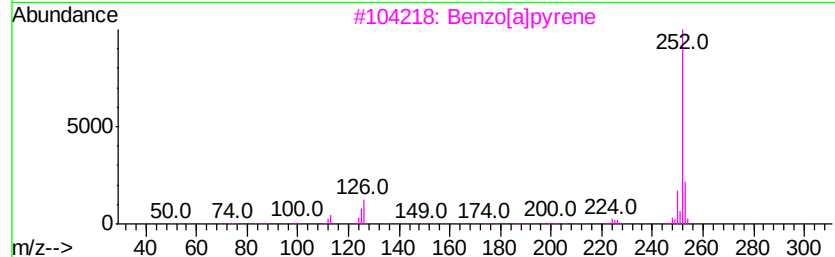
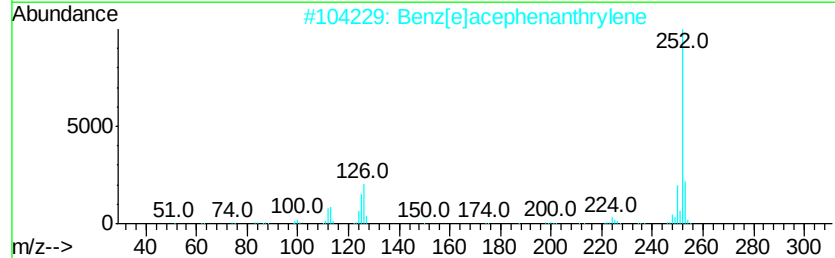
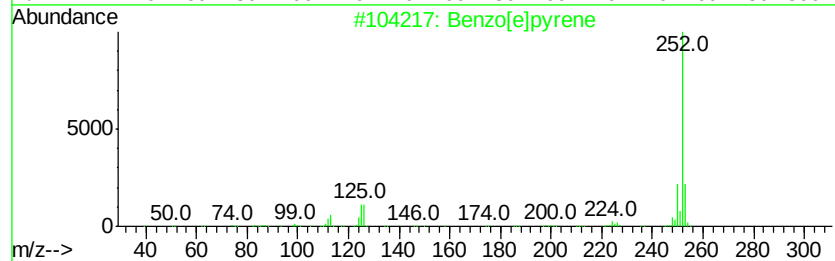
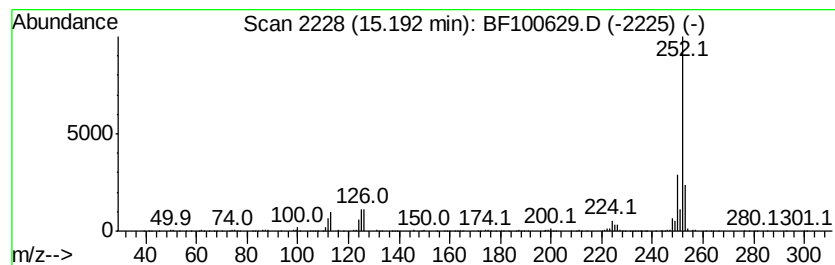
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.23 ng	333275	Perylene-d12	15.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 93
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 91
3		Benzo[a]pyrene	252 C20H12	000050-32-8 90
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 90
5		Perylene	252 C20H12	000198-55-0 87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100629.D
 Acq On : 16 Nov 2017 14:37
 Operator : SJ/JU
 Sample : I6302-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
unknown6.64	6.64	9.1 ng		288060	1	6.88	634597	20.0
Hexadecane	8.75	10.4 ng		446456	2	8.16	860322	20.0
Naphthalene, 1-me...	8.97	11.0 ng		473706	2	8.16	860322	20.0
Naphthalene, 2,7-...	9.50	10.0 ng		420343	3	9.92	837872	20.0
Naphthalene, 2,3-...	9.57	13.1 ng		547099	3	9.92	837872	20.0
[1,1'-Biphenyl]-4...	10.62	7.4 ng		311550	3	9.92	837872	20.0
Tridecane	10.81	7.6 ng		385195	4	11.40	1018440	20.0
Naphtho[2,1-b]thi...	11.30	9.8 ng		498531	4	11.40	1018440	20.0
Hexadecanoic acid...	11.79	27.5 ng		1401580	4	11.40	1018440	20.0
Phenanthrene, 2-m...	11.90	13.9 ng		705131	4	11.40	1018440	20.0
Anthracene, 2-met...	11.93	16.8 ng		855636	4	11.40	1018440	20.0
1H-Cyclopropa[l]p...	11.98	8.3 ng		425250	4	11.40	1018440	20.0
4H-Cyclopenta[def...	12.02	27.8 ng		1416750	4	11.40	1018440	20.0
Naphthalene, 2-ph...	12.20	8.3 ng		423315	4	11.40	1018440	20.0
9,12-Octadecadien...	12.48	54.2 ng		2758500	4	11.40	1018440	20.0
15-Octadecenoic a...	12.50	58.1 ng		2959240	4	11.40	1018440	20.0
Benzo[e]pyrene	15.19	9.2 ng		333275	6	15.52	722046	20.0