

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099015.D
 Acq On : 2 Oct 2017 22:24
 Operator : SJ/JU
 Sample : I5532-07 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-65-1-2

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-BF092317.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	2.193	14	18	25	rVB	67845	86288	5.03%	0.276%
2	4.516	409	413	418	rBV	102129	116394	6.79%	0.373%
3	5.128	512	517	524	rBV	1006379	1036237	60.41%	3.319%
4	5.498	577	580	581	rBV	83324	70060	4.08%	0.224%
5	5.522	581	584	591	rVB	1316218	1113287	64.90%	3.566%
6	5.757	620	624	627	rBV	64053	61287	3.57%	0.196%
7	6.528	749	755	761	rVV	1398255	1294592	75.47%	4.146%
8	6.669	776	779	783	rVV	1427949	1258553	73.37%	4.031%
9	6.728	786	789	793	rBV2	119097	116314	6.78%	0.373%
10	6.904	816	819	822	rBV	978397	765783	44.64%	2.453%
11	7.057	840	845	849	rBV	1364965	1162155	67.75%	3.722%
12	7.463	910	914	917	rVV	977736	829420	48.35%	2.656%
13	7.492	917	919	923	rVB	104056	84176	4.91%	0.270%
14	7.922	990	992	998	rVB5	48649	59661	3.48%	0.191%
15	8.157	1029	1032	1034	rBV	143026	115851	6.75%	0.371%
16	8.186	1034	1037	1039	rVV	1135204	953035	55.56%	3.052%
17	8.204	1039	1040	1043	rVV	311389	227225	13.25%	0.728%
18	8.233	1043	1045	1048	rVB	74830	64352	3.75%	0.206%
19	8.469	1081	1085	1090	rVB4	43779	61639	3.59%	0.197%
20	8.598	1104	1107	1109	rVV	118917	95967	5.59%	0.307%
21	8.769	1133	1136	1139	rBV	179413	134471	7.84%	0.431%
22	8.898	1155	1158	1161	rVB	278820	210630	12.28%	0.675%
23	8.998	1171	1175	1178	rBV	185065	153409	8.94%	0.491%
24	9.198	1207	1209	1212	rVB	92319	61235	3.57%	0.196%
25	9.257	1214	1219	1224	rBV	1743534	1430344	83.38%	4.581%
26	9.333	1228	1232	1234	rBV	220342	170844	9.96%	0.547%
27	9.457	1247	1253	1257	rBV2	47638	59339	3.46%	0.190%
28	9.527	1261	1265	1268	rVB	100401	129465	7.55%	0.415%
29	9.598	1274	1277	1280	rBV	148427	155660	9.07%	0.499%
30	9.627	1280	1282	1283	rVV	87430	65480	3.82%	0.210%
31	9.651	1283	1286	1293	rVB	371233	356523	20.78%	1.142%
32	9.716	1293	1297	1299	rBV	95844	87428	5.10%	0.280%
33	9.804	1309	1312	1315	rBV	216894	182449	10.64%	0.584%
34	9.863	1318	1322	1325	rVB	209308	174851	10.19%	0.560%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.945	1332	1336	1339	rVB	898369	794758	46.33%	2.545%
36	9.975	1339	1341	1344	rVB	129539	98957	5.77%	0.317%
37	10.039	1349	1352	1357	rVB	48021	63792	3.72%	0.204%
38	10.092	1357	1361	1364	rBV4	47014	73192	4.27%	0.234%
39	10.145	1367	1370	1373	rVB2	193213	171335	9.99%	0.549%
40	10.180	1373	1376	1380	rBV2	99313	90694	5.29%	0.290%
41	10.257	1385	1389	1391	rBV	69871	69687	4.06%	0.223%
42	10.363	1400	1407	1410	rBV2	246768	265316	15.47%	0.850%
43	10.486	1425	1428	1431	rBV2	92158	111265	6.49%	0.356%
44	10.580	1438	1444	1446	rBV2	98374	113172	6.60%	0.362%
45	10.645	1450	1455	1457	rBV2	61700	74639	4.35%	0.239%
46	10.727	1467	1469	1473	rVB	111537	99352	5.79%	0.318%
47	10.833	1484	1487	1488	rBV	217979	178665	10.42%	0.572%
48	11.039	1516	1522	1524	rBV4	42179	81351	4.74%	0.261%
49	11.163	1539	1543	1545	rBV4	53657	69271	4.04%	0.222%
50	11.233	1552	1555	1558	rBV	144794	119221	6.95%	0.382%
51	11.280	1560	1563	1566	rBV2	182687	166935	9.73%	0.535%
52	11.316	1566	1569	1570	rBV	60596	68340	3.98%	0.219%
53	11.427	1585	1588	1591	rBV	733975	802237	46.77%	2.569%
54	11.457	1591	1593	1598	rVV	923961	773776	45.11%	2.478%
55	11.504	1598	1601	1604	rVV	329550	281036	16.38%	0.900%
56	11.639	1621	1624	1625	rVV	78249	77397	4.51%	0.248%
57	11.657	1625	1627	1630	rVV	139040	130503	7.61%	0.418%
58	11.710	1633	1636	1642	rVV2	162356	164035	9.56%	0.525%
59	11.933	1671	1674	1676	rBV	122589	114237	6.66%	0.366%
60	11.957	1676	1678	1681	rVV	182842	164864	9.61%	0.528%
61	12.039	1689	1692	1695	rVV2	150383	180261	10.51%	0.577%
62	12.063	1695	1696	1700	rVB	98780	70299	4.10%	0.225%
63	12.116	1702	1705	1707	rVV	135076	106183	6.19%	0.340%
64	12.227	1721	1724	1726	rBV	115498	92115	5.37%	0.295%
65	12.251	1726	1728	1732	rVB2	113273	97466	5.68%	0.312%
66	12.374	1744	1749	1751	rBV2	64060	87696	5.11%	0.281%
67	12.480	1764	1767	1769	rVV	119785	118236	6.89%	0.379%
68	12.504	1769	1771	1775	rVV2	128957	147806	8.62%	0.473%
69	12.568	1779	1782	1786	rVV	129911	123274	7.19%	0.395%
70	12.645	1791	1795	1799	rVV	1322931	1161785	67.73%	3.721%
71	12.739	1808	1811	1813	rVB	74014	64921	3.78%	0.208%

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72	12.857	1828	1831	1832	rBV	213277	197107	11.49%	0.631%
73	12.874	1832	1834	1840	rVB2	1146406	1424784	83.06%	4.563%
74	13.010	1854	1857	1864	rVB	1117368	1160953	67.68%	3.718%
75	13.098	1867	1872	1874	rBV3	97479	163117	9.51%	0.522%
76	13.180	1882	1886	1887	rBV4	91319	115892	6.76%	0.371%
77	13.198	1887	1889	1893	rVB	135720	130673	7.62%	0.419%
78	13.233	1893	1895	1898	rBV	102319	87870	5.12%	0.281%
79	13.268	1899	1901	1903	rVB	88184	62524	3.64%	0.200%
80	13.304	1904	1907	1910	rVB2	131794	137479	8.01%	0.440%
81	13.427	1926	1928	1931	rBV2	72743	74015	4.31%	0.237%
82	13.486	1936	1938	1941	rVB2	148355	111581	6.50%	0.357%
83	13.574	1951	1953	1956	rBV2	91315	92105	5.37%	0.295%
84	13.710	1973	1976	1980	rVB	196863	185893	10.84%	0.595%
85	13.821	1992	1995	1998	rBV2	133215	139380	8.13%	0.446%
86	13.851	1998	2000	2002	rVB	106405	70557	4.11%	0.226%
87	13.874	2002	2004	2006	rBV	134427	135078	7.87%	0.433%
88	13.898	2006	2008	2010	rBV2	88806	96753	5.64%	0.310%
89	14.039	2030	2032	2033	rBV	88522	69726	4.06%	0.223%
90	14.068	2033	2037	2041	rVV2	1042240	1715405	100.00%	5.494%
91	14.098	2041	2042	2050	rVB	704554	608415	35.47%	1.949%
92	14.498	2107	2110	2112	rBV2	110855	122321	7.13%	0.392%
93	14.527	2112	2115	2122	rVV4	123735	178427	10.40%	0.571%
94	14.580	2122	2124	2127	rBV2	98399	97692	5.69%	0.313%
95	15.133	2213	2218	2221	rBV	804357	1282427	74.76%	4.107%
96	15.239	2233	2236	2239	rBV	139389	134918	7.87%	0.432%
97	15.445	2267	2271	2276	rVB	462691	611895	35.67%	1.960%
98	15.504	2278	2281	2288	rVB	444838	536233	31.26%	1.717%
99	15.568	2288	2292	2296	rBV2	581602	772446	45.03%	2.474%
100	17.080	2545	2549	2556	rVB2	170539	295719	17.24%	0.947%

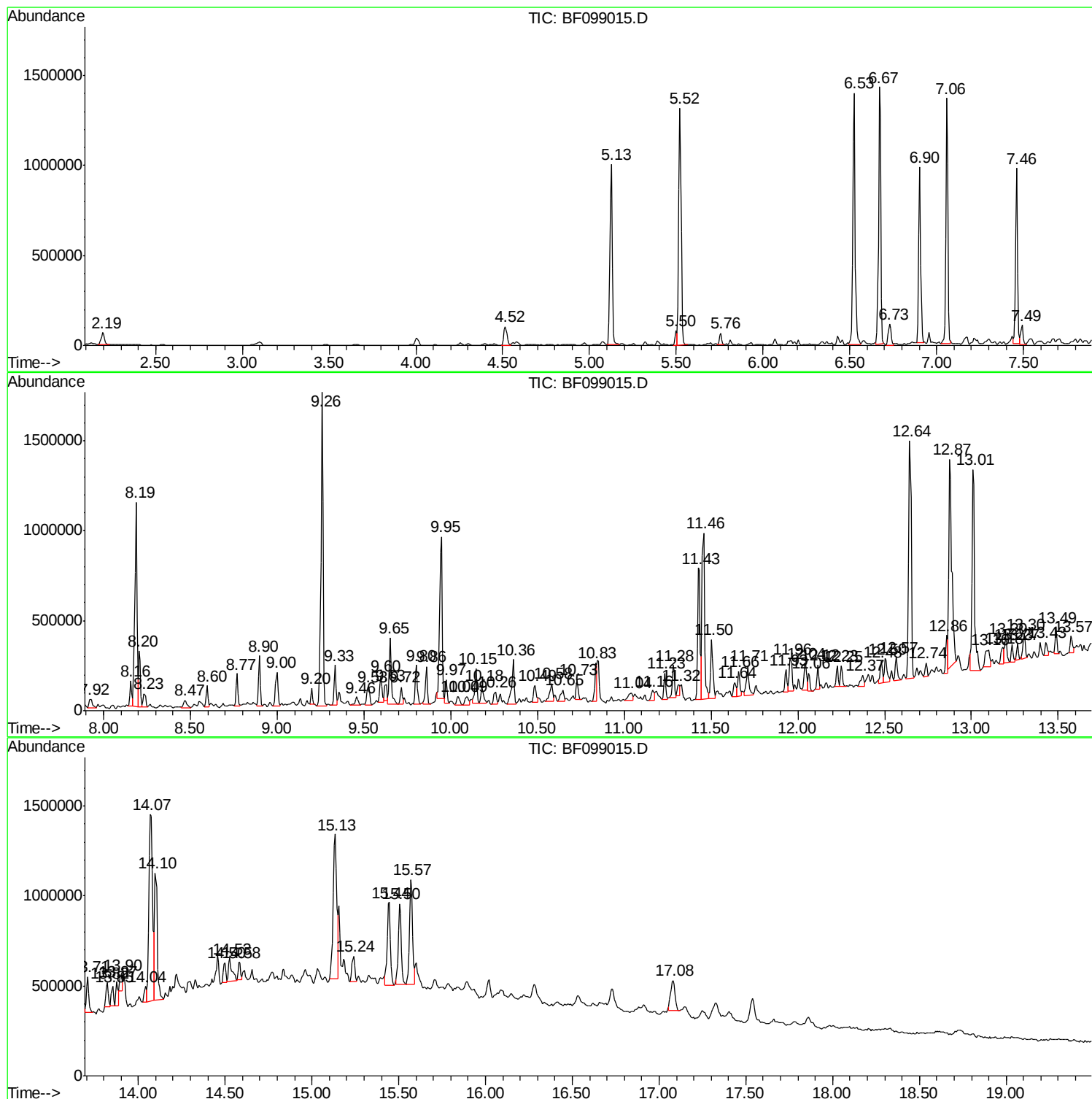
Sum of corrected areas: 31223858

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Instrument :
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ClientSampled :
G-65-1-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.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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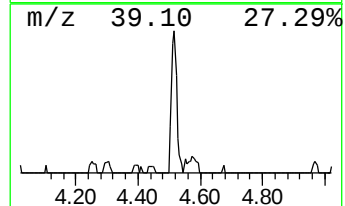
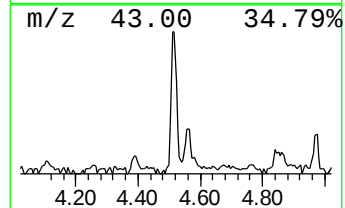
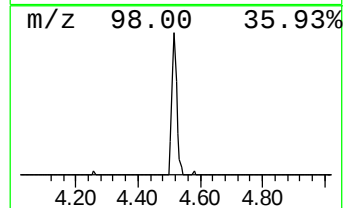
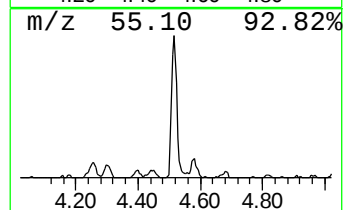
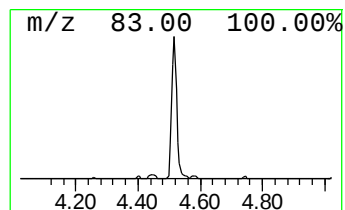
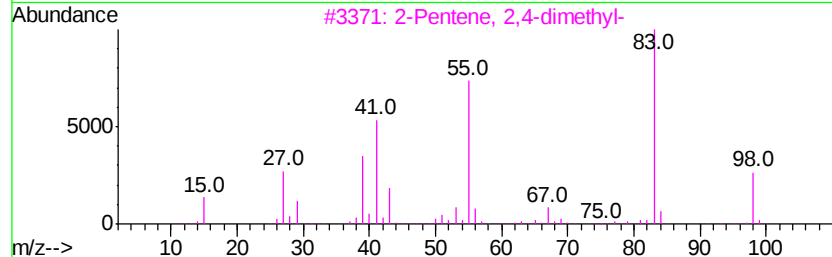
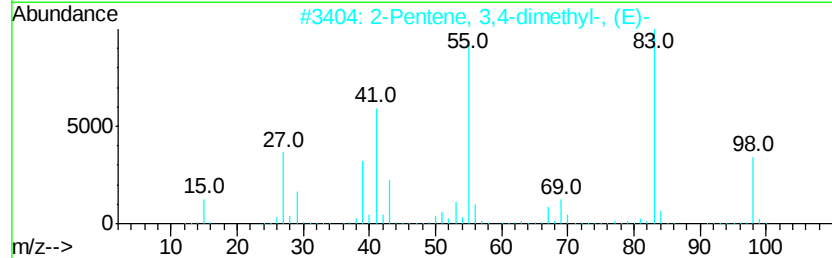
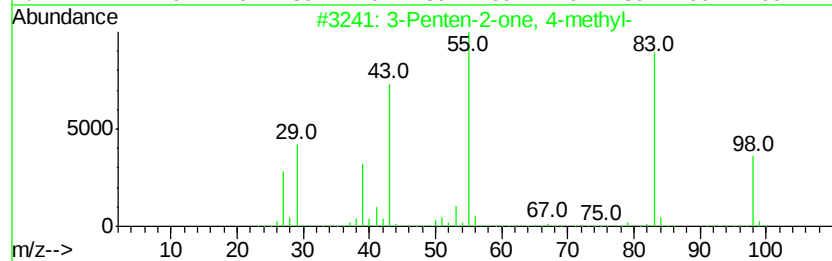
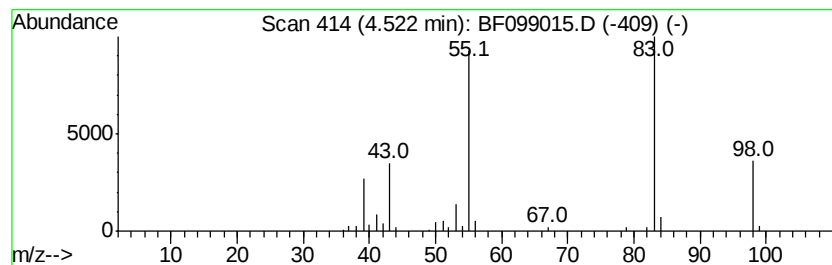
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	3.04 ng	116394	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86



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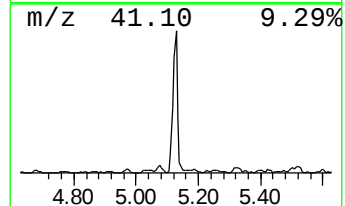
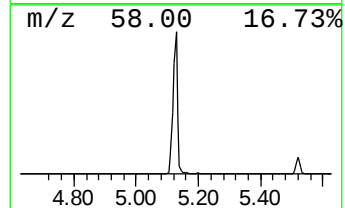
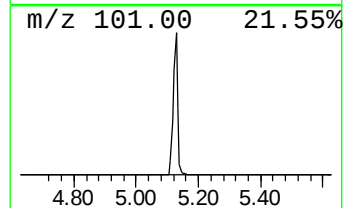
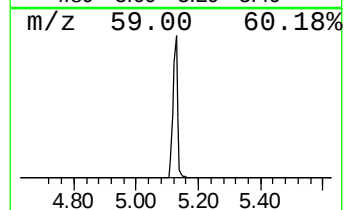
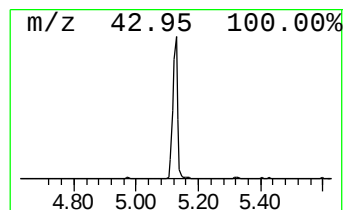
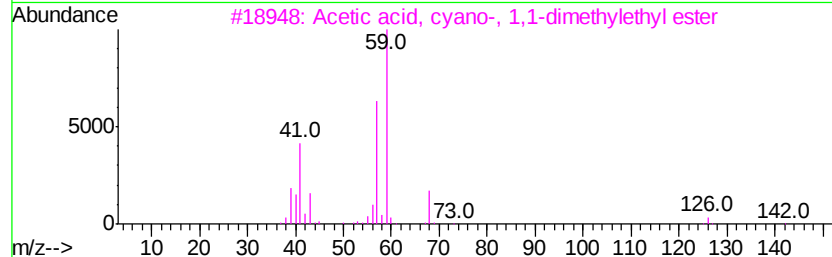
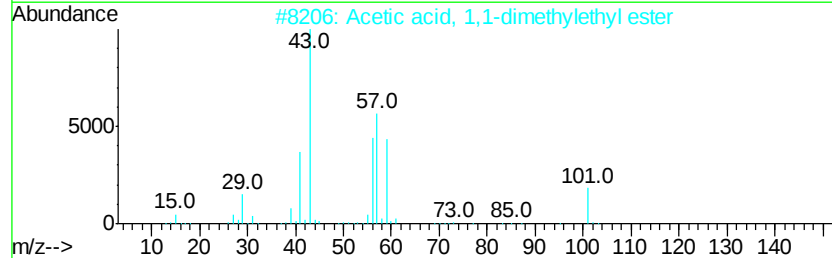
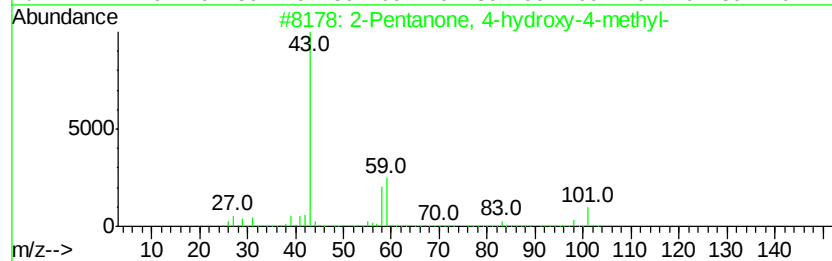
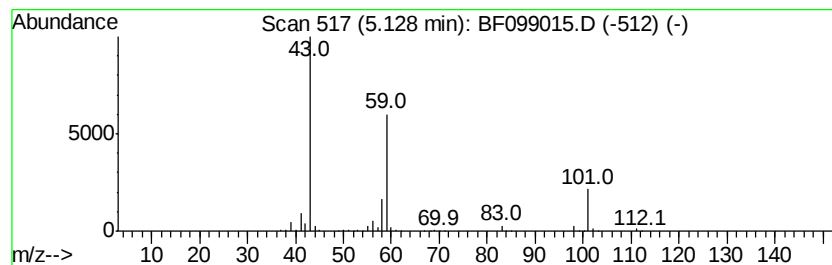
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	27.06 ng	1036240	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5		Acetone	58	C3H6O	000067-64-1	9



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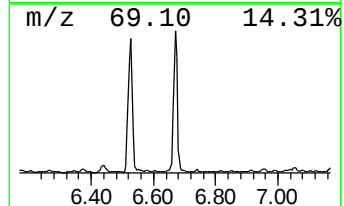
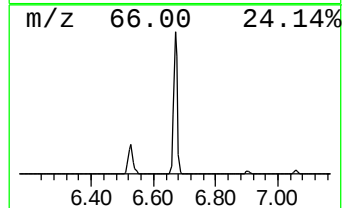
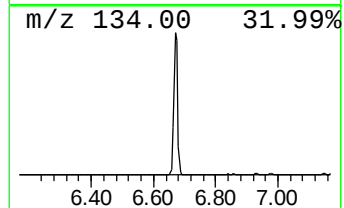
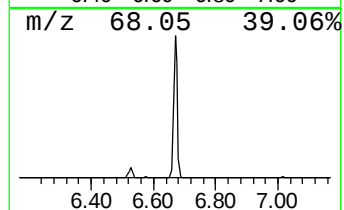
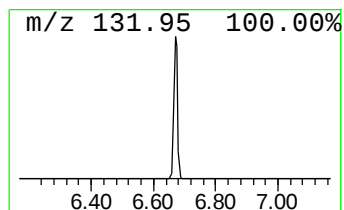
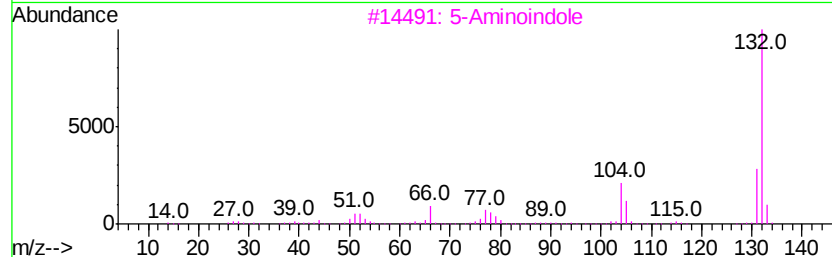
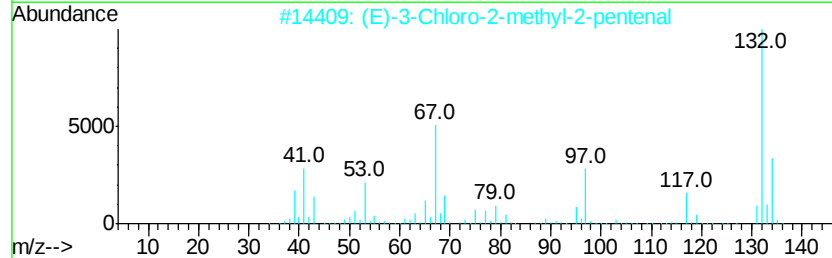
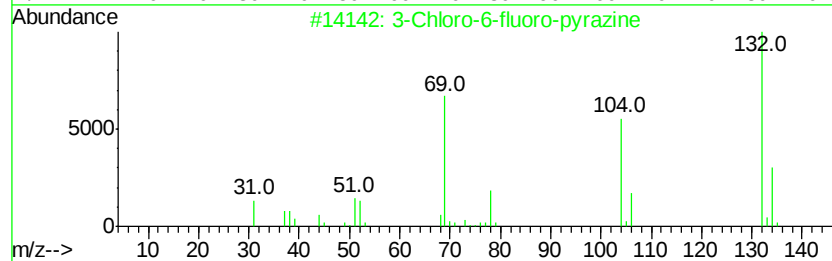
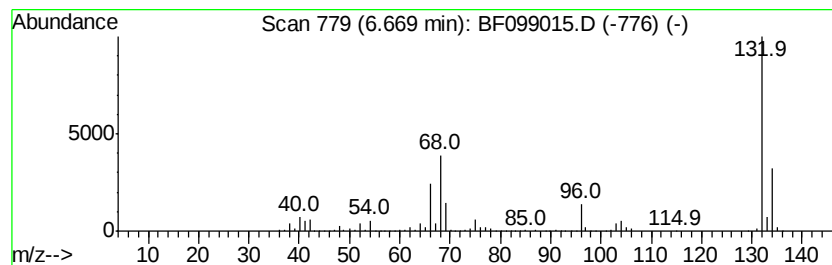
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	32.87 ng	1258550	1,4-Dichlorobenzene-d4	6.90

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099015.D
Acq On : 2 Oct 2017 22:24
Operator : SJ/JU
Sample : I5532-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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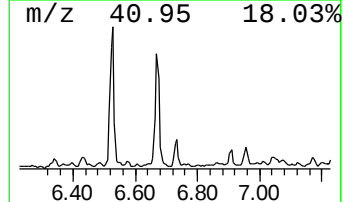
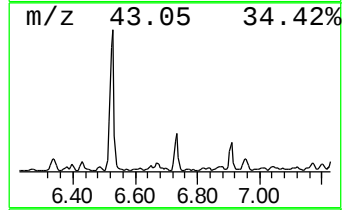
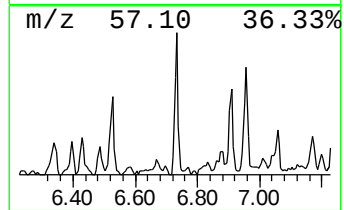
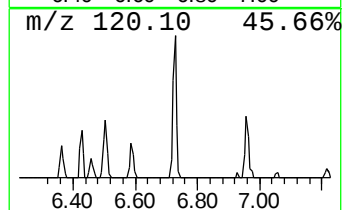
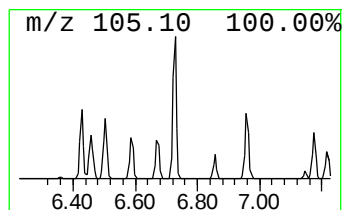
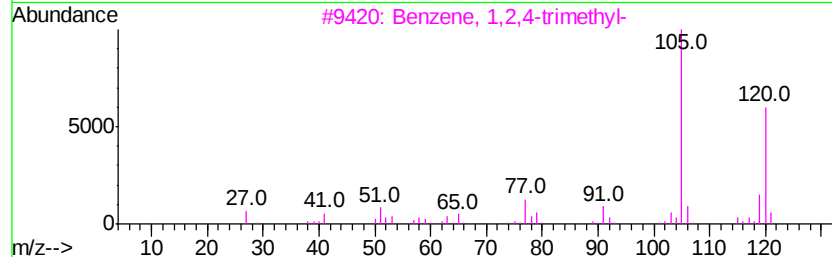
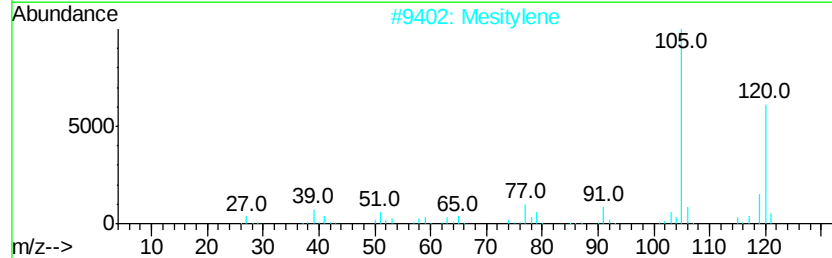
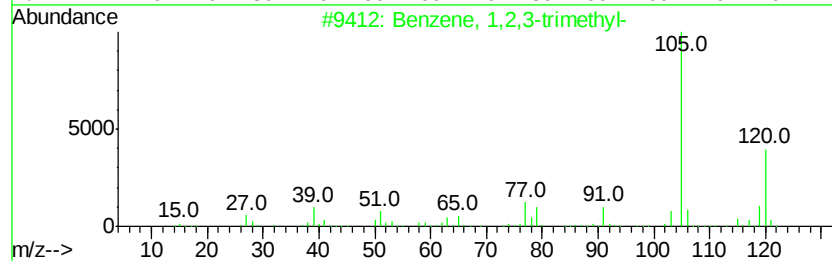
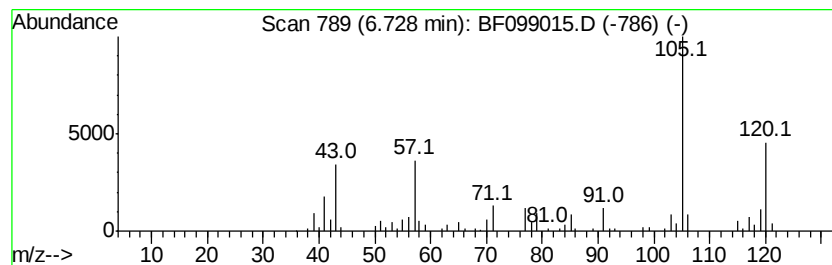
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	3.04 ng	116314	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2			Mesitylene	120	C9H12	000108-67-8	90
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099015.D
Acq On : 2 Oct 2017 22:24
Operator : SJ/JU
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ClientSampleId :
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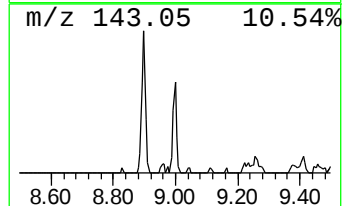
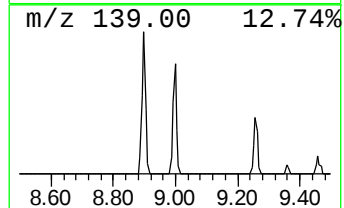
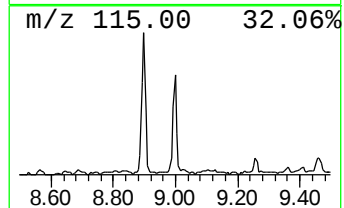
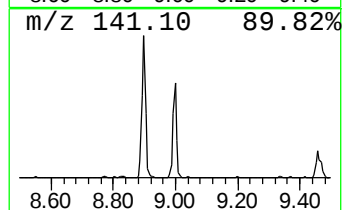
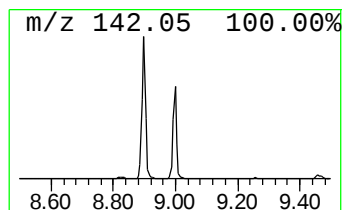
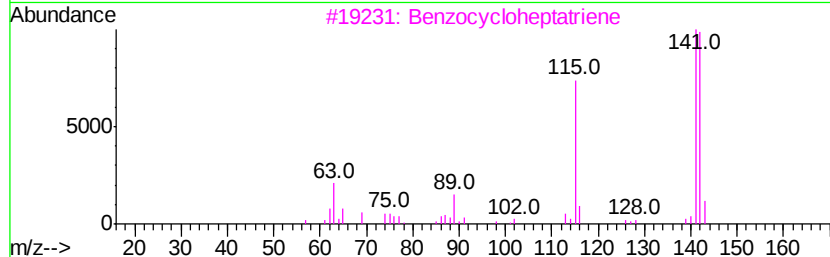
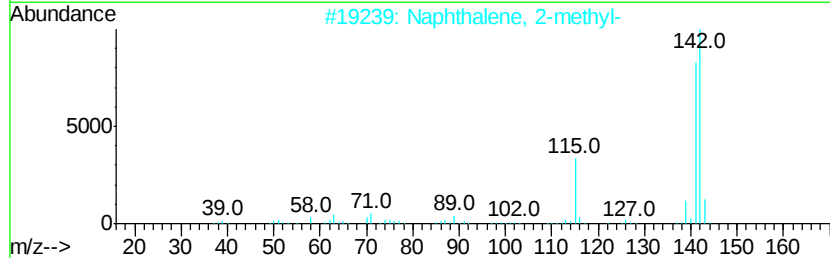
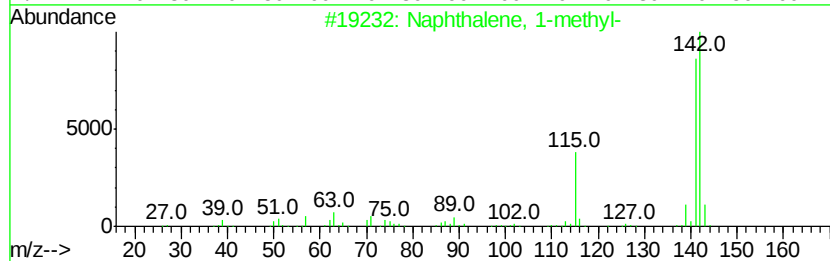
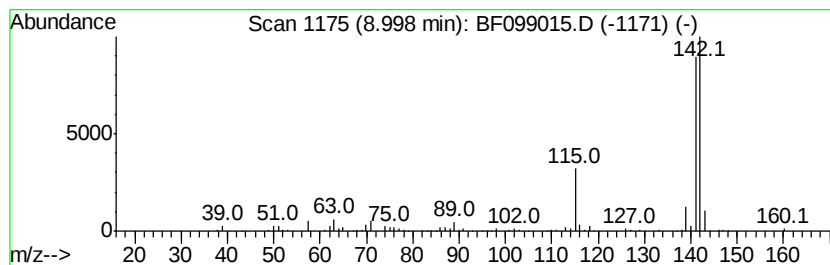
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.22 ng	153409	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099015.D
Acq On : 2 Oct 2017 22:24
Operator : SJ/JU
Sample : I5532-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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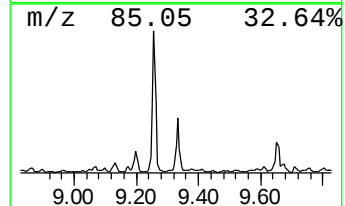
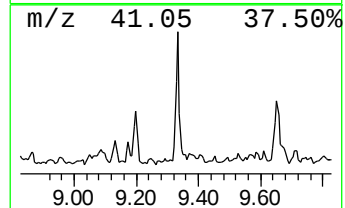
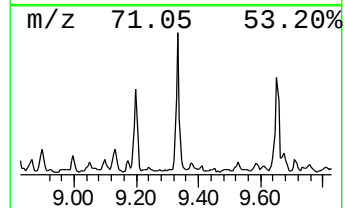
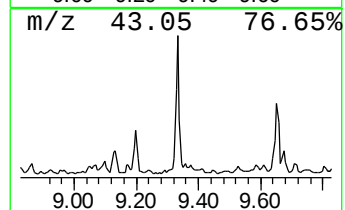
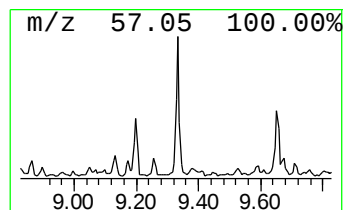
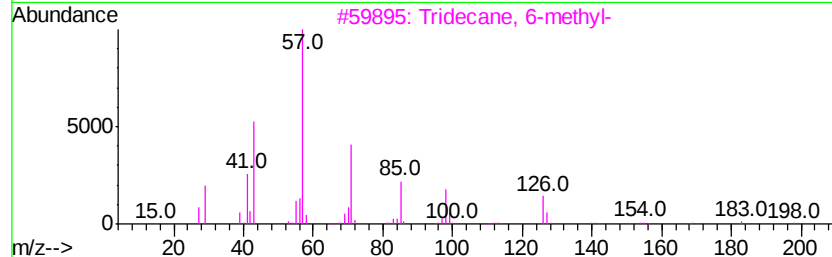
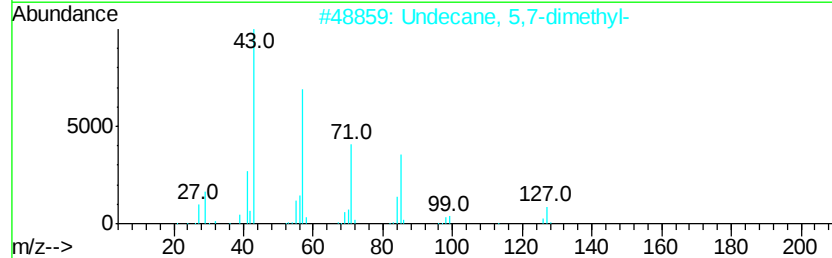
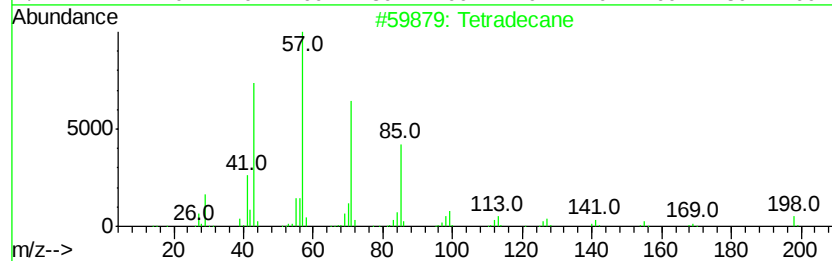
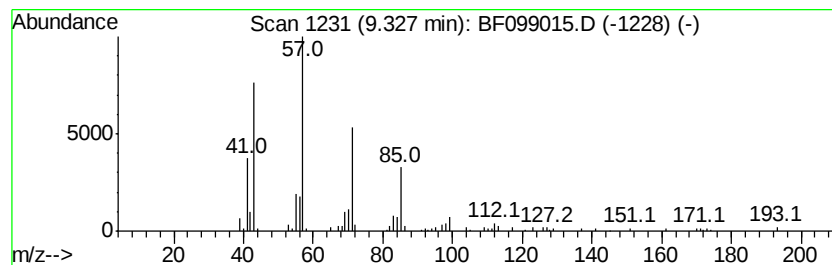
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.30 ng	170844	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	90
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099015.D
Acq On : 2 Oct 2017 22:24
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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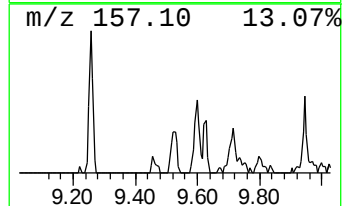
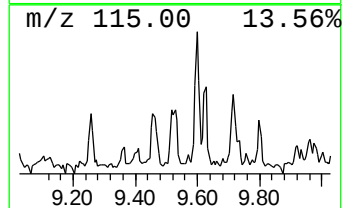
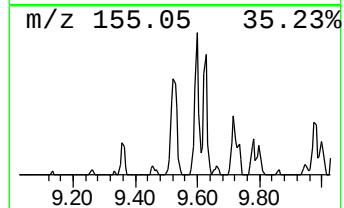
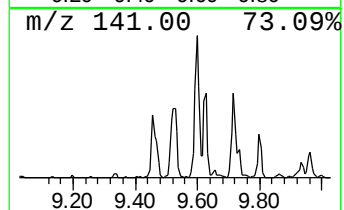
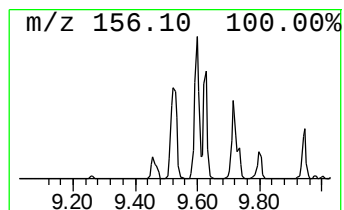
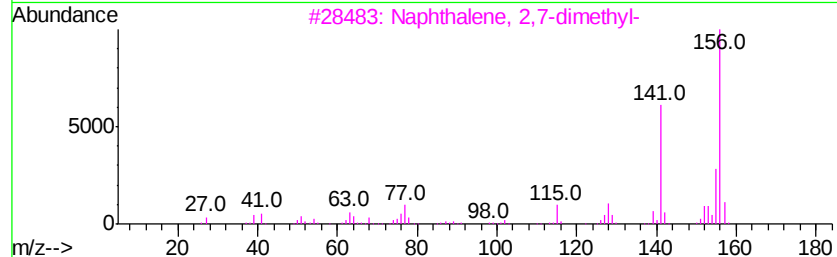
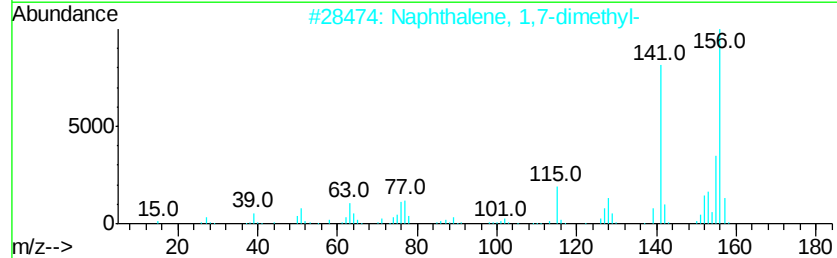
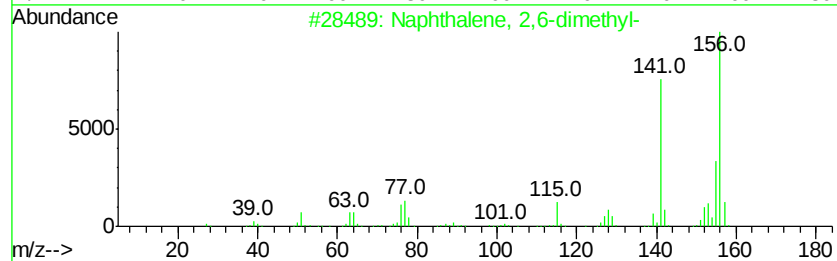
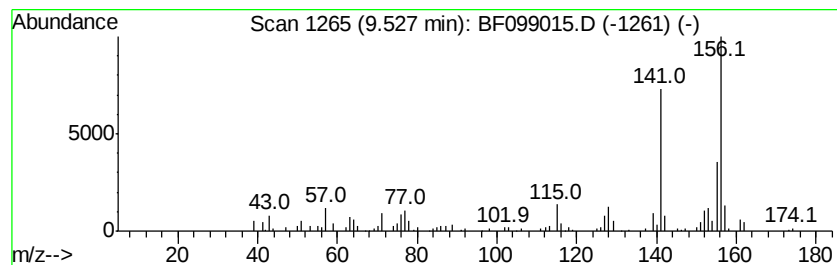
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.26 ng	129465	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099015.D
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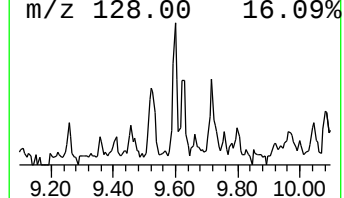
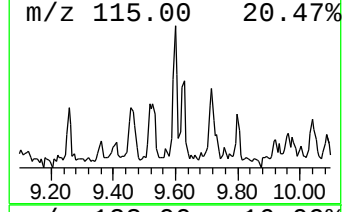
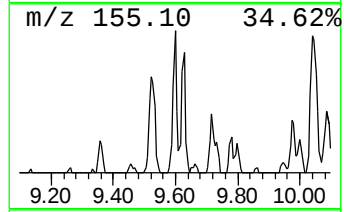
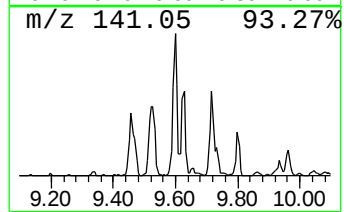
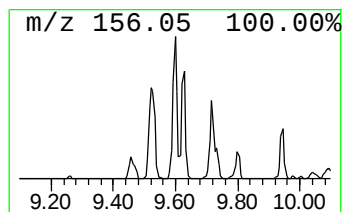
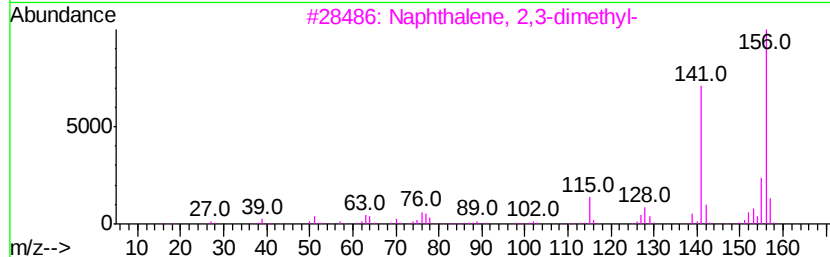
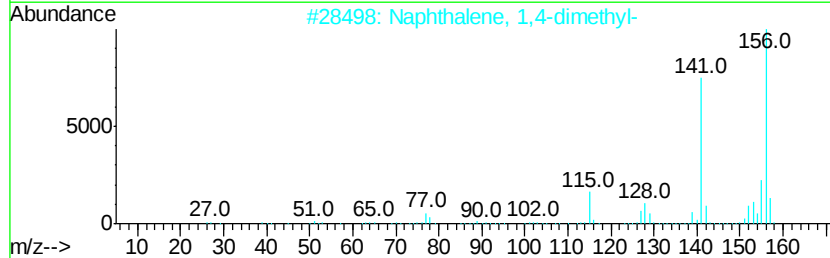
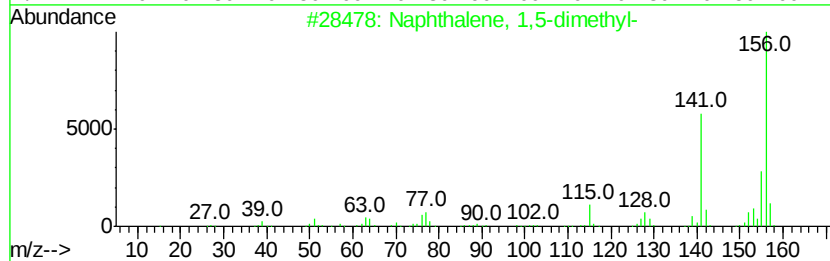
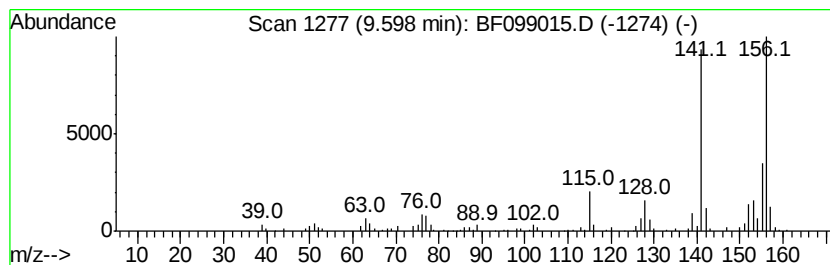
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.92 ng	155660	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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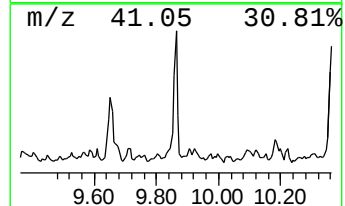
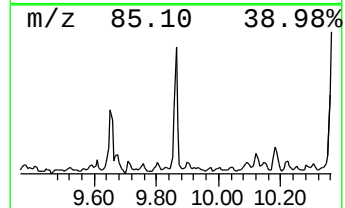
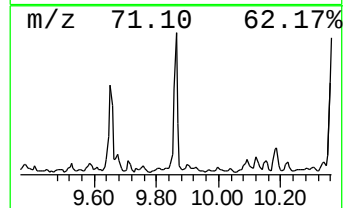
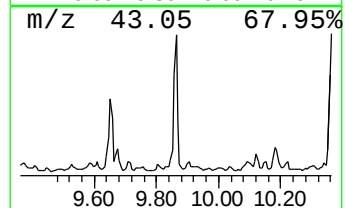
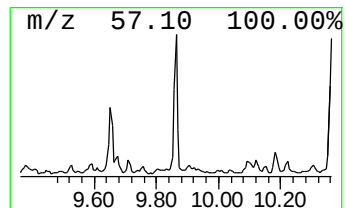
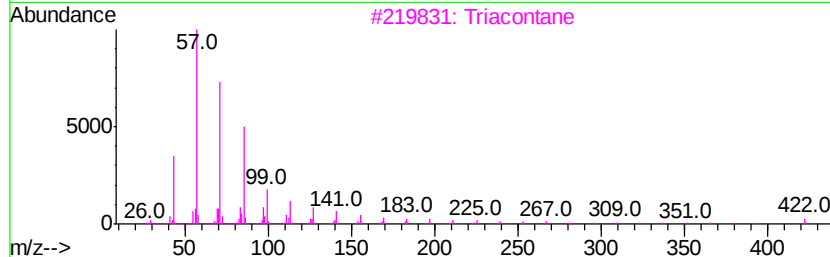
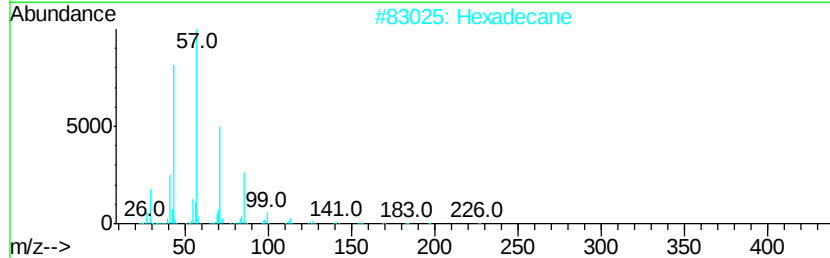
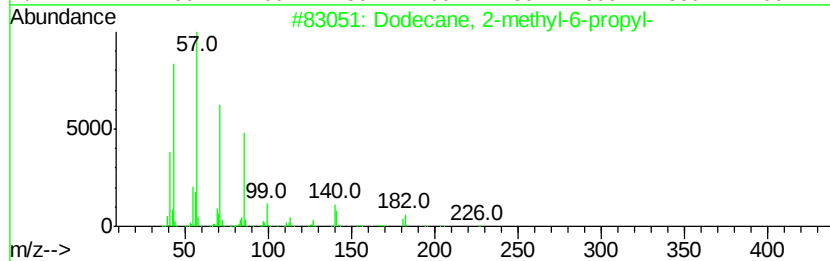
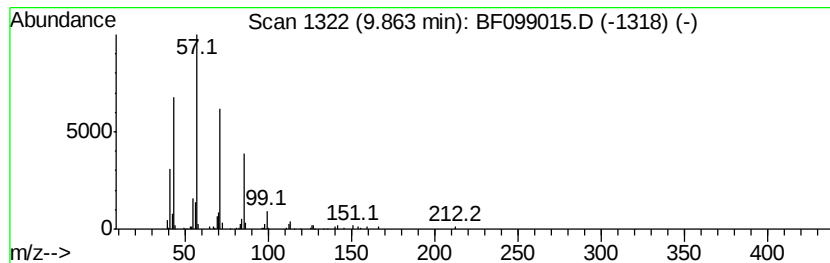
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	4.40 ng	174851	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2			Hexadecane	226	C16H34	000544-76-3	83
3			triacontane	422	C30H62	000638-68-6	72
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Acq On : 2 Oct 2017 22:24
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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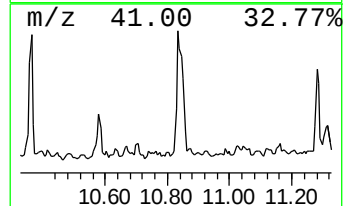
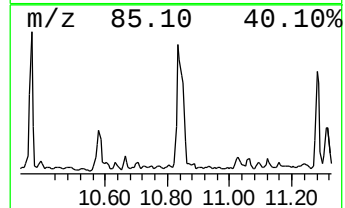
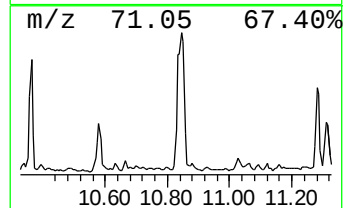
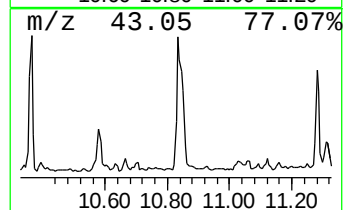
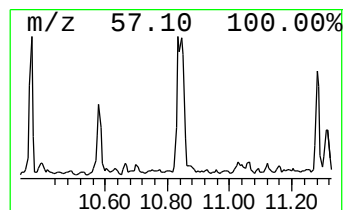
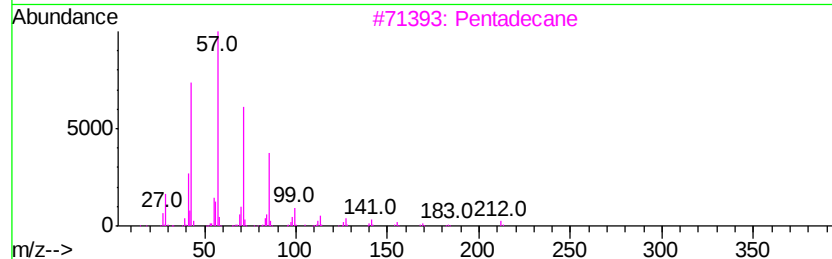
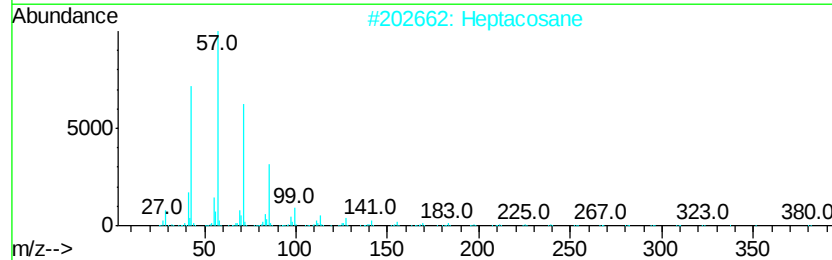
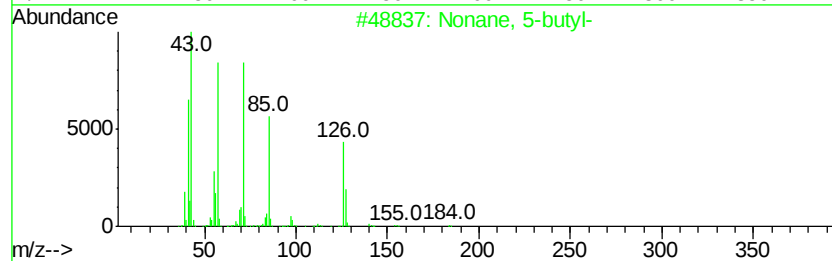
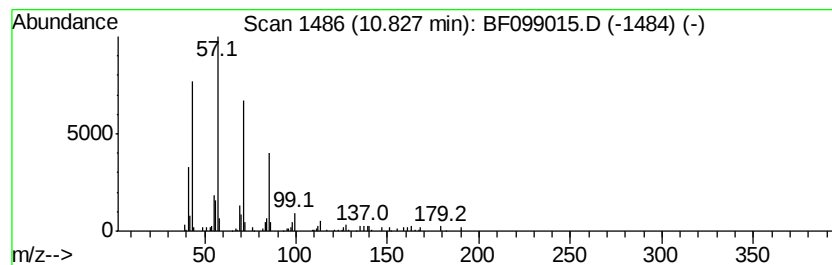
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.45 ng	178665	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2			Heptacosane	380	C27H56	000593-49-7	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099015.D
Acq On : 2 Oct 2017 22:24
Operator : SJ/JU
Sample : I5532-07 2X
Misc :
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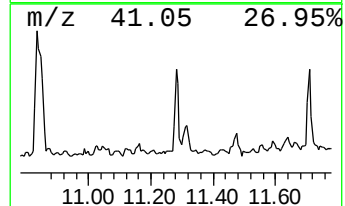
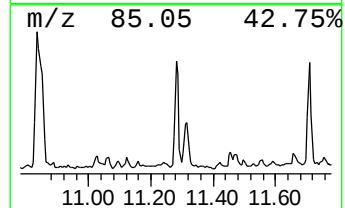
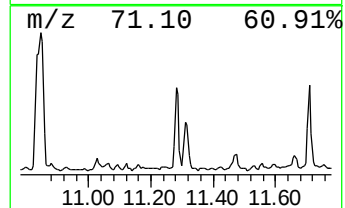
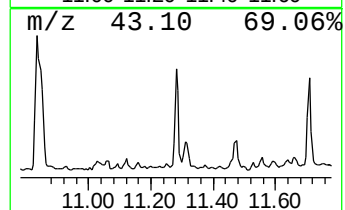
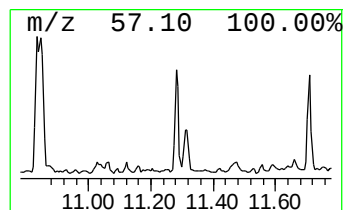
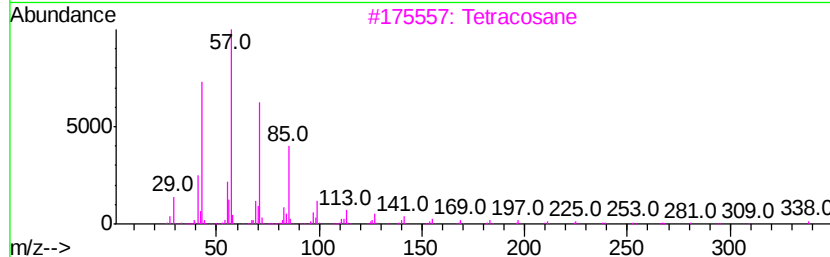
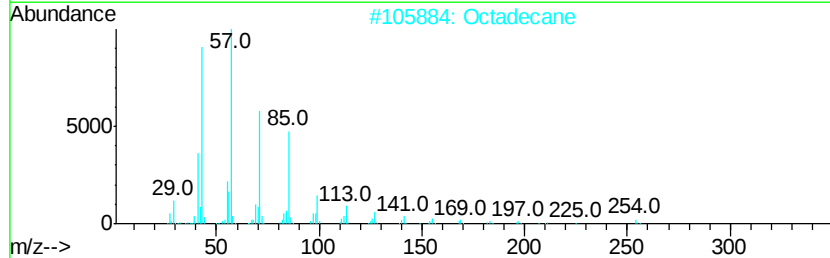
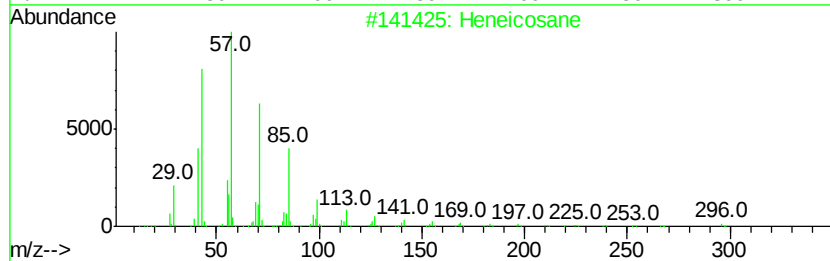
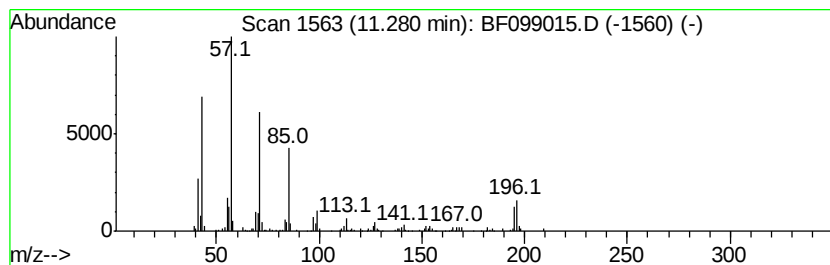
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.28	4.16 ng	166935	Phenanthrene-d10		11.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	74
2		Octadecane	254	C18H38	000593-45-3	74
3		Tetracosane	338	C24H50	000646-31-1	74
4		Eicosane	282	C20H42	000112-95-8	74
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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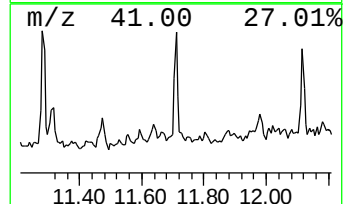
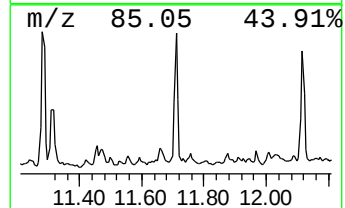
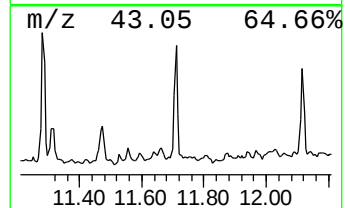
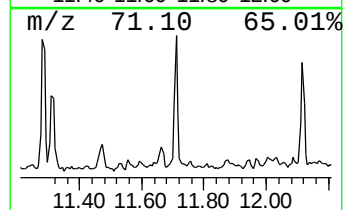
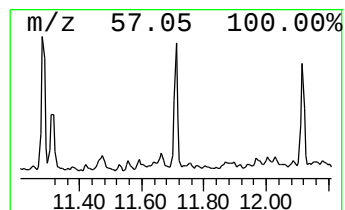
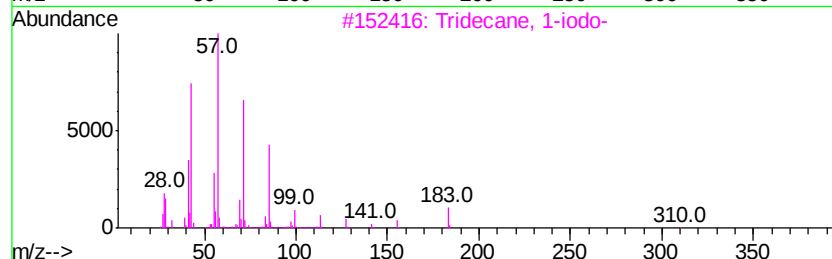
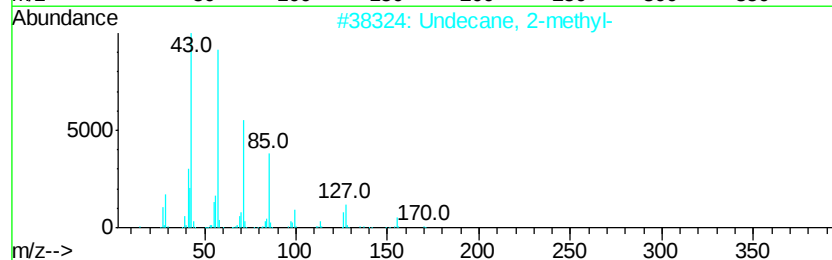
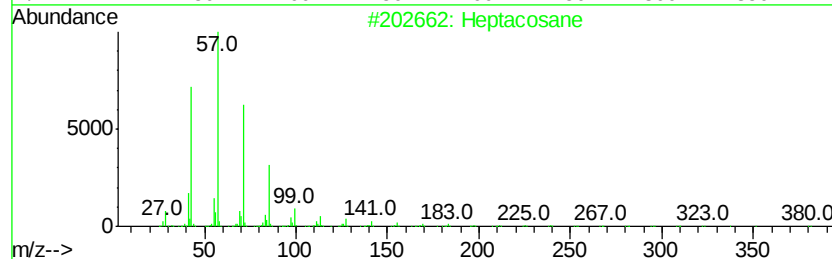
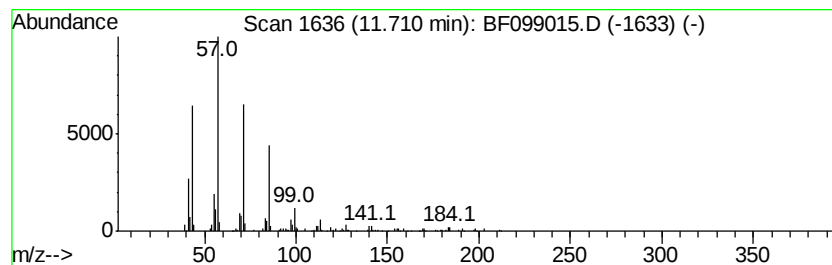
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.09 ng	164035	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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Misc :
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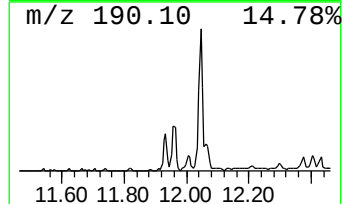
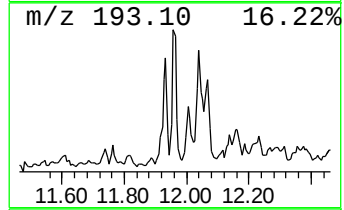
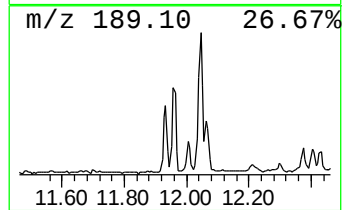
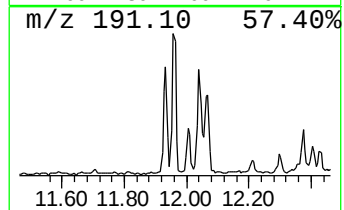
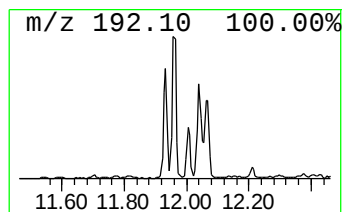
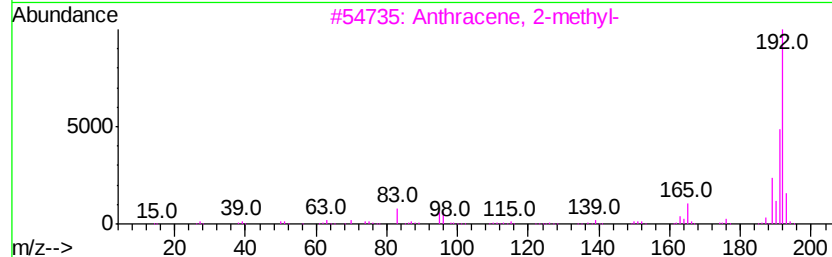
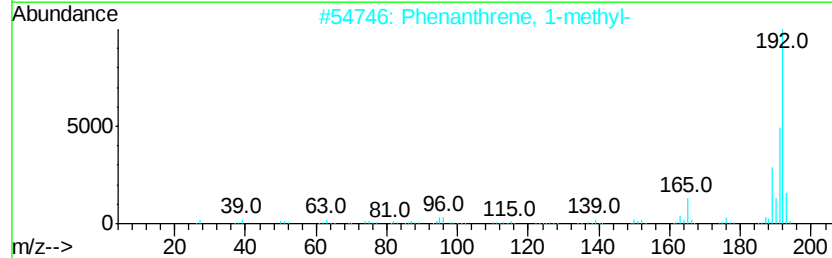
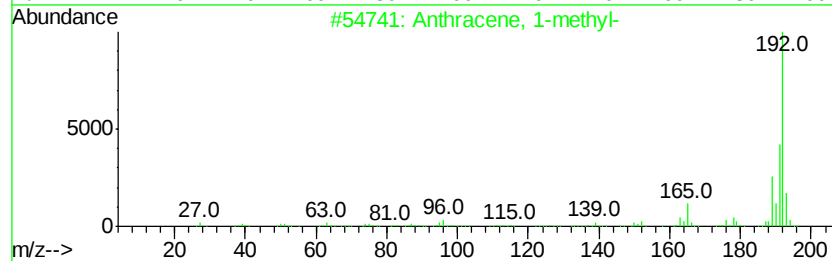
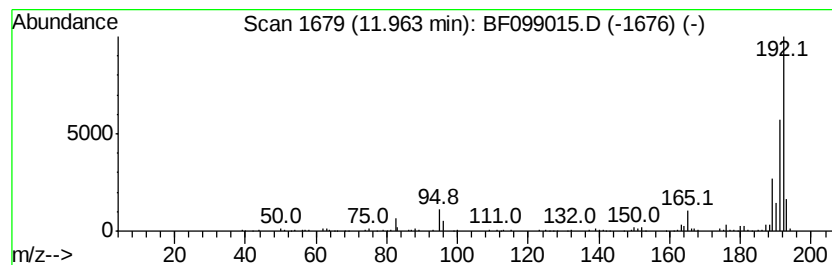
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.11 ng	164864	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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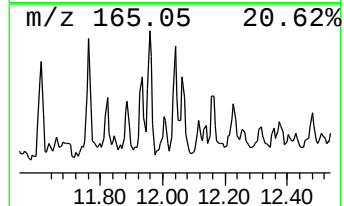
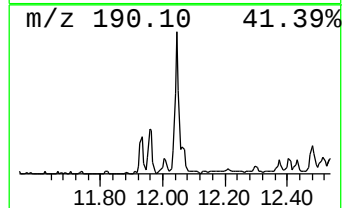
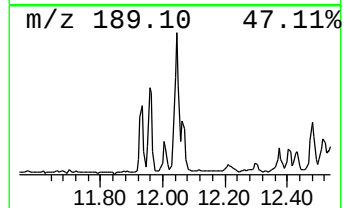
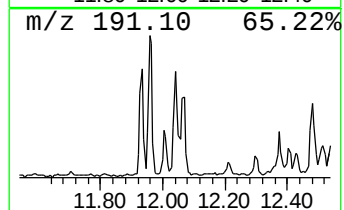
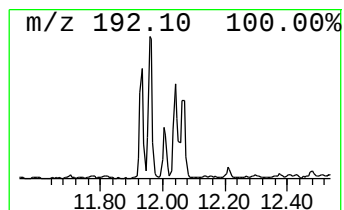
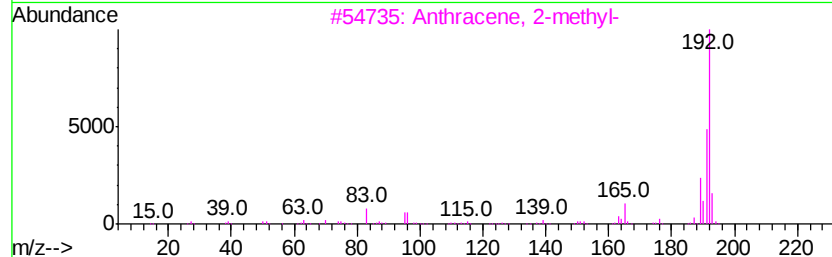
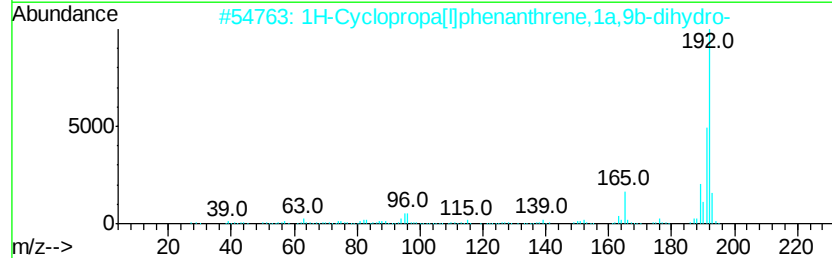
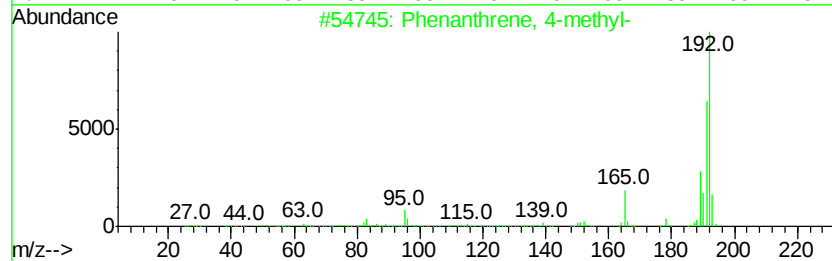
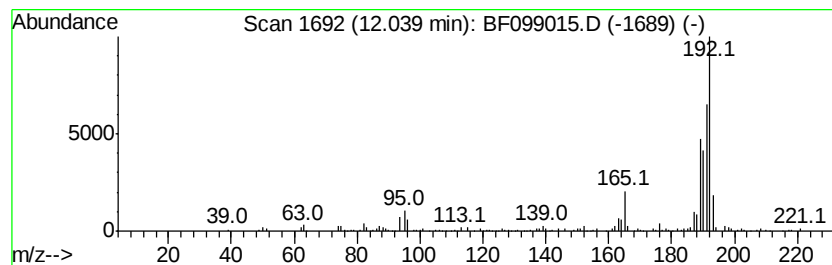
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.49 ng	180261	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Acq On : 2 Oct 2017 22:24
Operator : SJ/JU
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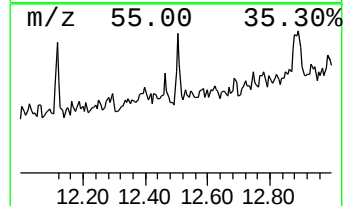
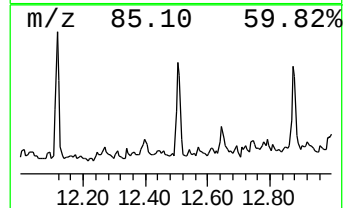
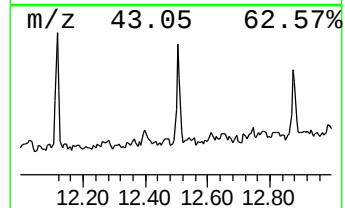
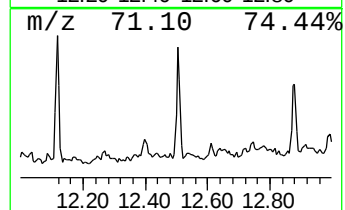
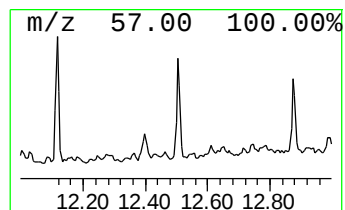
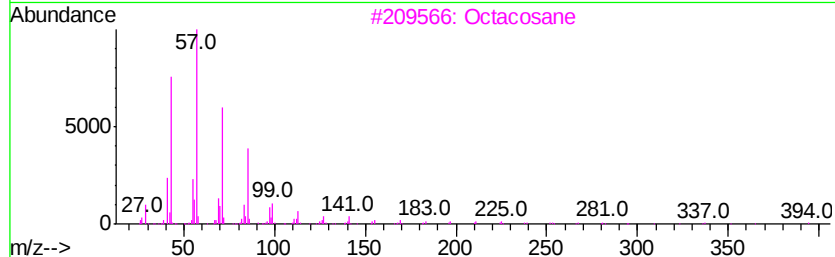
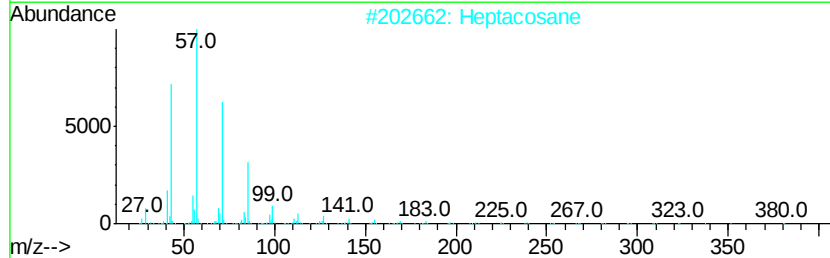
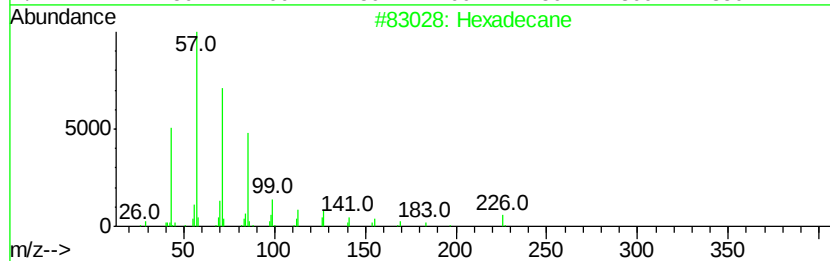
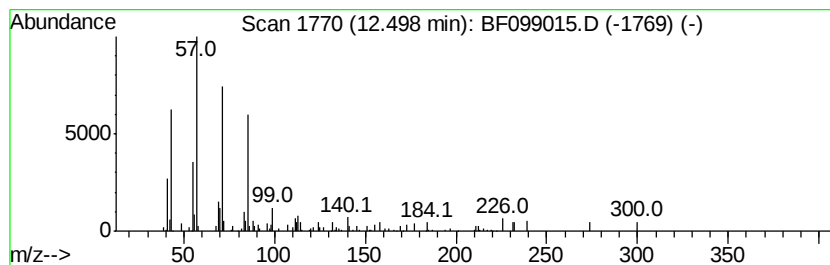
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.68 ng	147806	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heptacosane	380	C27H56	000593-49-7	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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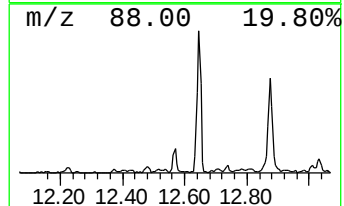
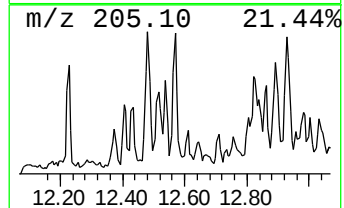
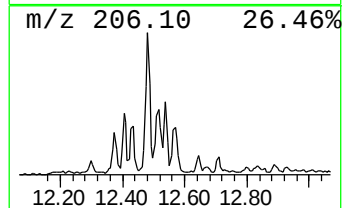
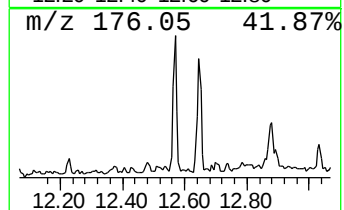
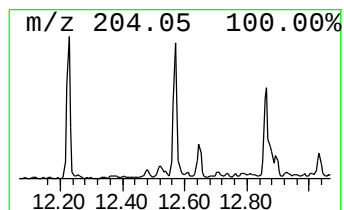
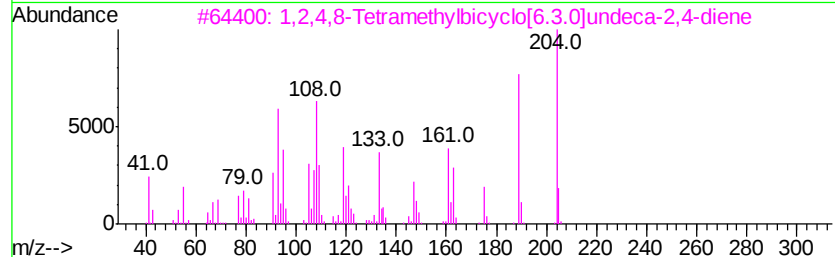
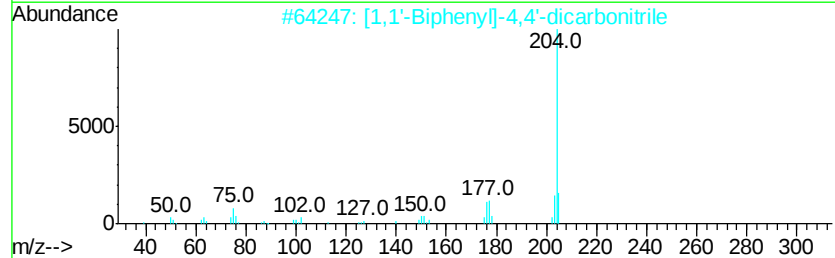
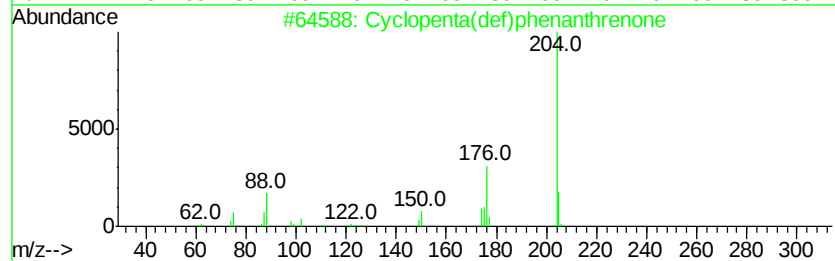
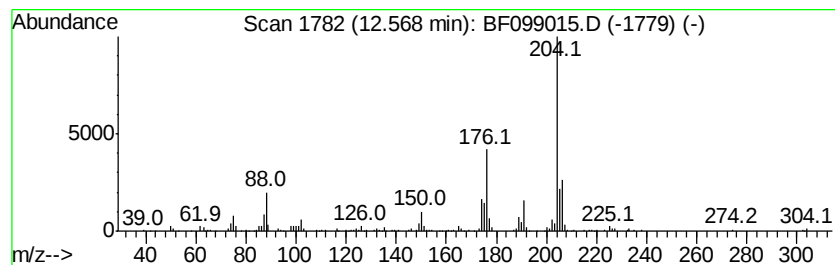
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.07 ng	123274	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	45
4		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099015.D
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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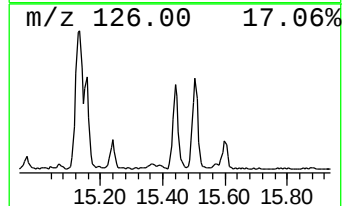
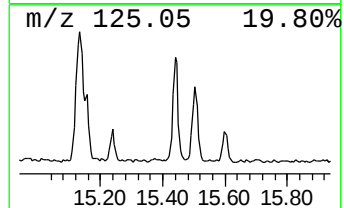
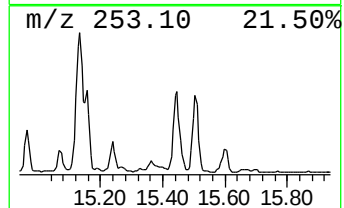
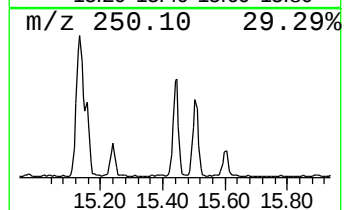
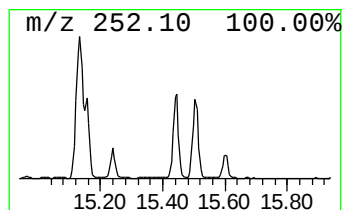
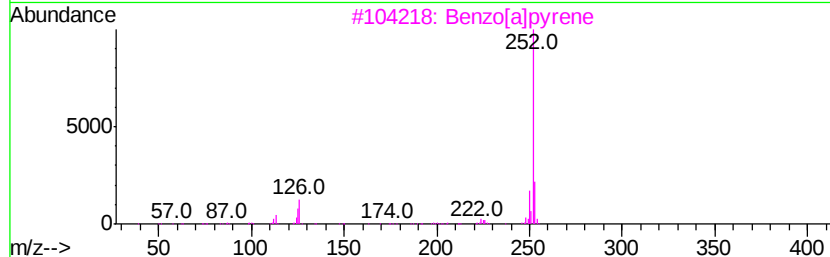
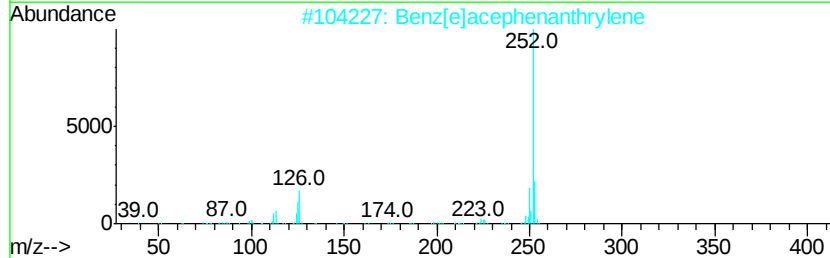
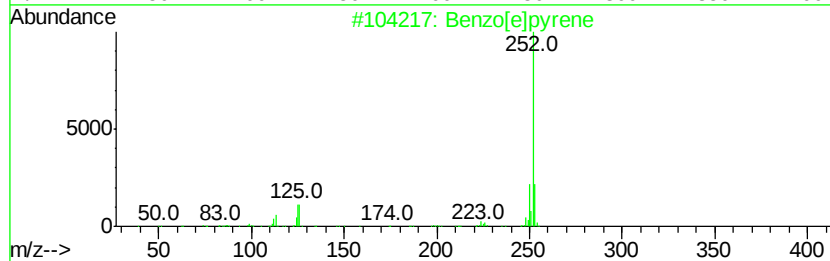
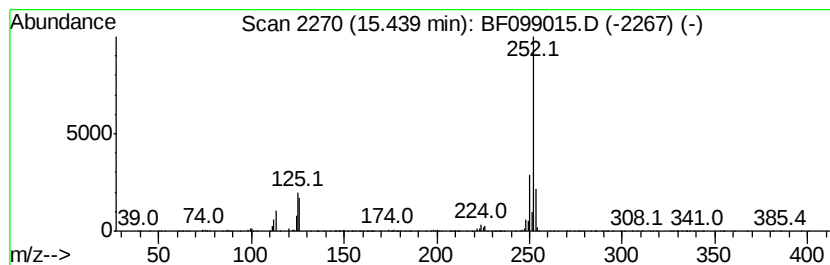
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	15.84 ng	611895	Perylene-d12	15.57

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	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
 Data File : BF099015.D
 Acq On : 2 Oct 2017 22:24
 Operator : SJ/JU
 Sample : I5532-07 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-65-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
3-Penten-2-one, 4...	4.52	3.0	ng	116394	1	6.90	765783	20.0
2-Pentanone, 4-hy...	5.13	27.1	ng	1036240	1	6.90	765783	20.0
unknown6.67	6.67	32.9	ng	1258550	1	6.90	765783	20.0
Benzene, 1,2,3-tr...	6.73	3.0	ng	116314	1	6.90	765783	20.0
Naphthalene, 1-me...	9.00	3.2	ng	153409	2	8.19	953035	20.0
Tetradecane	9.33	4.3	ng	170844	3	9.95	794758	20.0
Naphthalene, 2,6-...	9.53	3.3	ng	129465	3	9.95	794758	20.0
Naphthalene, 1,5-...	9.60	3.9	ng	155660	3	9.95	794758	20.0
Dodecane, 2-methy...	9.86	4.4	ng	174851	3	9.95	794758	20.0
Nonane, 5-butyl-	10.83	4.5	ng	178665	4	11.43	802237	20.0
Heneicosane	11.28	4.2	ng	166935	4	11.43	802237	20.0
Heptacosane	11.71	4.1	ng	164035	4	11.43	802237	20.0
Anthracene, 1-met...	11.96	4.1	ng	164864	4	11.43	802237	20.0
Phenanthrene, 4-m...	12.04	4.5	ng	180261	4	11.43	802237	20.0
Hexadecane	12.50	3.7	ng	147806	4	11.43	802237	20.0
Cyclopenta(def)ph...	12.57	3.1	ng	123274	4	11.43	802237	20.0
Benzo[e]pyrene	15.44	15.8	ng	611895	6	15.57	772446	20.0