

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095427.D
 Acq On : 25 May 2017 17:11
 Operator : SJ/MA
 Sample : I3343-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12

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-BF050217.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	5.707	637	641	676	rBV	893150	2164644	55.33%	1.664%
2	7.289	906	910	926	rBV	1132539	2006242	51.28%	1.542%
3	7.407	926	930	940	rVV	1535160	2507573	64.10%	1.927%
4	7.742	983	987	997	rBV	457064	612182	15.65%	0.471%
5	7.983	1023	1028	1039	rBV	1468446	1967183	50.29%	1.512%
6	8.648	1137	1141	1151	rVB	926553	1343426	34.34%	1.033%
7	8.983	1195	1198	1203	rBV2	305029	533147	13.63%	0.410%
8	9.183	1227	1232	1236	rBV4	295409	494642	12.64%	0.380%
9	9.260	1242	1245	1252	rVB4	280103	530130	13.55%	0.407%
10	9.360	1256	1262	1263	rBV2	507715	641415	16.40%	0.493%
11	9.448	1272	1277	1284	rVB3	332195	620435	15.86%	0.477%
12	9.513	1284	1288	1296	rBV5	377455	886466	22.66%	0.681%
13	9.766	1322	1331	1338	rBV3	913362	2645421	67.62%	2.033%
14	9.842	1341	1344	1346	rBV3	460341	557880	14.26%	0.429%
15	9.966	1361	1365	1369	rVB2	762940	1024615	26.19%	0.788%
16	10.048	1375	1379	1384	rVB3	300645	431892	11.04%	0.332%
17	10.113	1384	1390	1396	rBV6	499640	1262651	32.28%	0.970%
18	10.172	1396	1400	1404	rBV3	228941	384671	9.83%	0.296%
19	10.236	1408	1411	1416	rVB3	665733	845843	21.62%	0.650%
20	10.295	1416	1421	1424	rBV4	429190	751050	19.20%	0.577%
21	10.419	1438	1442	1447	rVB3	571863	926692	23.69%	0.712%
22	10.560	1460	1466	1469	rVV3	1080743	1725538	44.11%	1.326%
23	10.595	1469	1472	1476	rVV	797036	915025	23.39%	0.703%
24	10.836	1510	1513	1520	rVB3	985358	1680974	42.97%	1.292%
25	10.930	1524	1529	1535	rVB	2060226	2749692	70.29%	2.113%
26	10.989	1535	1539	1541	rVB	384702	453033	11.58%	0.348%
27	11.083	1549	1555	1559	rBV2	1851028	2679408	68.49%	2.059%
28	11.124	1559	1562	1568	rBV3	664036	1112164	28.43%	0.855%
29	11.301	1588	1592	1595	rBV3	492187	722535	18.47%	0.555%
30	11.430	1610	1614	1618	rBV3	303370	457472	11.69%	0.352%
31	11.471	1618	1621	1623	rVV2	317352	415740	10.63%	0.320%
32	11.495	1623	1625	1629	rVV4	456297	710648	18.17%	0.546%
33	11.542	1629	1633	1636	rVB	2861266	3374762	86.27%	2.594%
34	11.577	1636	1639	1646	rVB5	344061	586943	15.00%	0.451%

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35	11.636	1646	1649	1655	rBV5	417518	676506	17.29%	0.520%
36	11.689	1655	1658	1664	rVB2	437367	518486	13.25%	0.398%
37	11.766	1666	1671	1677	rVB3	1304566	2469150	63.12%	1.898%
38	11.836	1678	1683	1690	rBV	1077976	1991373	50.90%	1.531%
39	11.966	1698	1705	1710	rBV2	1680775	3812036	97.44%	2.930%
40	12.077	1718	1724	1728	rBV	2111694	3912005	100.00%	3.007%
41	12.124	1728	1732	1738	rVB2	1991357	3022627	77.27%	2.323%
42	12.177	1738	1741	1744	rBV3	291718	439077	11.22%	0.337%
43	12.236	1748	1751	1753	rVV	870371	1088129	27.82%	0.836%
44	12.266	1753	1756	1757	rVV	1015418	1303642	33.32%	1.002%
45	12.283	1757	1759	1763	rVB	1961527	2285686	58.43%	1.757%
46	12.389	1771	1777	1780	rBV3	986795	1756192	44.89%	1.350%
47	12.460	1784	1789	1795	rVB4	986118	1730311	44.23%	1.330%
48	12.624	1810	1817	1820	rBV5	1527976	2883004	73.70%	2.216%
49	12.660	1820	1823	1828	rVB3	283469	558485	14.28%	0.429%
50	12.801	1843	1847	1854	rVB	900451	1944794	49.71%	1.495%
51	12.871	1856	1859	1863	rVB	602186	753618	19.26%	0.579%
52	12.948	1868	1872	1873	rBV2	670190	722087	18.46%	0.555%
53	12.971	1873	1876	1879	rVB	1113554	1241844	31.74%	0.954%
54	13.036	1884	1887	1893	rVB2	1505791	2090808	53.45%	1.607%
55	13.148	1902	1906	1911	rVB2	1570970	2343267	59.90%	1.801%
56	13.201	1911	1915	1924	rVB2	1343645	1774630	45.36%	1.364%
57	13.277	1924	1928	1929	rBV2	675640	836058	21.37%	0.643%
58	13.324	1934	1936	1938	rVB	533555	437079	11.17%	0.336%
59	13.442	1952	1956	1959	rBV2	1540420	1829523	46.77%	1.406%
60	13.501	1963	1966	1973	rVB3	1006662	1695969	43.35%	1.303%
61	13.571	1973	1978	1979	rBV4	694370	853363	21.81%	0.656%
62	13.595	1979	1982	1986	rVB	826029	1012327	25.88%	0.778%
63	13.642	1987	1990	1994	rVB4	489162	698763	17.86%	0.537%
64	13.712	1999	2002	2006	rVB3	401890	481748	12.31%	0.370%
65	13.807	2009	2018	2021	rBV2	1521117	2807858	71.78%	2.158%
66	13.912	2031	2036	2038	rBV3	798844	1182399	30.22%	0.909%
67	13.977	2044	2047	2052	rVB2	565179	899498	22.99%	0.691%
68	14.130	2070	2073	2078	rVB	621744	835152	21.35%	0.642%
69	14.218	2083	2088	2089	rBV	1114982	1397154	35.71%	1.074%
70	14.248	2089	2093	2097	rVB	2183763	3014803	77.07%	2.317%
71	14.442	2123	2126	2132	rVB2	697731	971657	24.84%	0.747%

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72	14.583	2147	2150	2155	rBV3	428515	494145	12.63%	0.380%
73	14.630	2155	2158	2162	rVB3	491976	656432	16.78%	0.505%
74	14.730	2172	2175	2179	rVB4	318182	441752	11.29%	0.340%
75	14.948	2207	2212	2215	rBV	1056122	1353200	34.59%	1.040%
76	14.995	2215	2220	2225	rVV2	1054570	2129941	54.45%	1.637%
77	15.054	2225	2230	2235	rVB	1921463	2502171	63.96%	1.923%
78	15.218	2254	2258	2262	rBV2	571120	1000695	25.58%	0.769%
79	15.283	2266	2269	2273	rVV4	297574	449843	11.50%	0.346%
80	15.530	2307	2311	2316	rBV3	527997	805434	20.59%	0.619%
81	15.601	2320	2323	2329	rVB	898807	1048475	26.80%	0.806%
82	15.789	2351	2355	2358	rBV	864614	996346	25.47%	0.766%
83	15.830	2358	2362	2371	rVV	1081719	1522213	38.91%	1.170%
84	15.942	2377	2381	2383	rVV2	766757	940476	24.04%	0.723%
85	15.977	2383	2387	2392	rVB2	713388	1182927	30.24%	0.909%
86	16.195	2420	2424	2426	rBV	593075	615345	15.73%	0.473%
87	16.483	2469	2473	2476	rBV	410421	419163	10.71%	0.322%
88	16.583	2486	2490	2494	rBV2	828826	1030286	26.34%	0.792%
89	16.618	2494	2496	2501	rVV3	255821	439509	11.23%	0.338%
90	16.795	2521	2526	2530	rVB	1909448	2206985	56.42%	1.696%
91	17.095	2572	2577	2581	rVV	1682089	2307579	58.99%	1.774%
92	17.324	2611	2616	2623	rVB	1462076	1731462	44.26%	1.331%
93	18.665	2839	2844	2849	rBV2	1021787	1725696	44.11%	1.326%
94	18.712	2849	2852	2857	rVB3	840493	1206984	30.85%	0.928%
95	19.947	3057	3062	3065	rBV	809676	1185154	30.30%	0.911%
96	20.236	3108	3111	3117	rVB	469995	517991	13.24%	0.398%
97	20.300	3118	3122	3127	rBV	652391	774029	19.79%	0.595%
98	20.353	3128	3131	3134	rBV	396235	424063	10.84%	0.326%
99	21.688	3352	3358	3367	rBV	276976	568990	14.54%	0.437%
100	22.071	3419	3423	3432	rBV	203359	438964	11.22%	0.337%

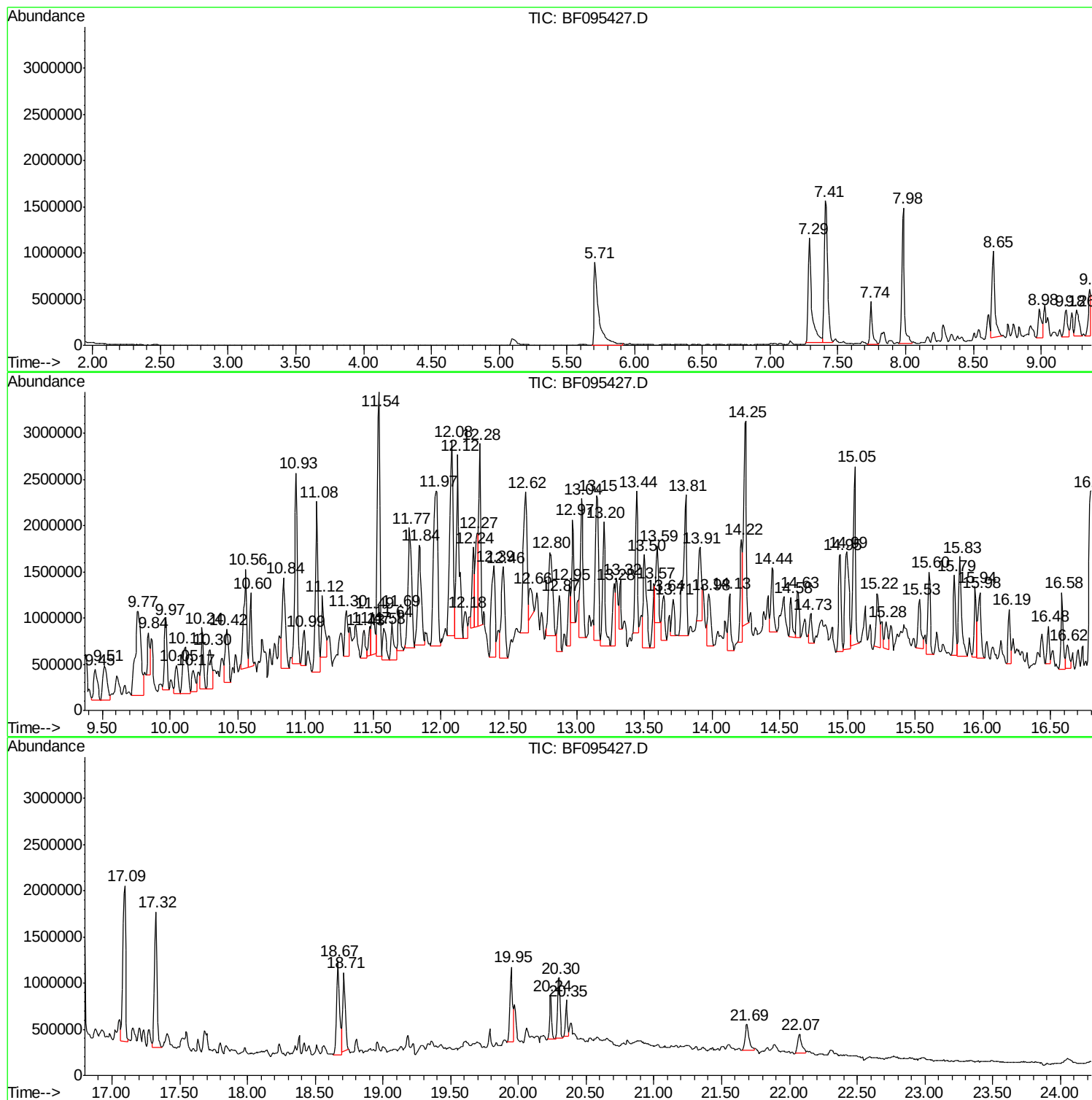
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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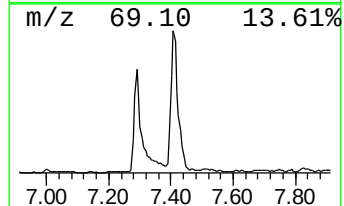
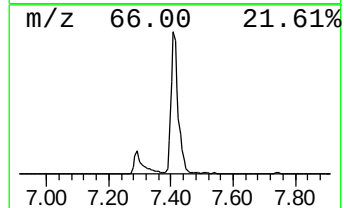
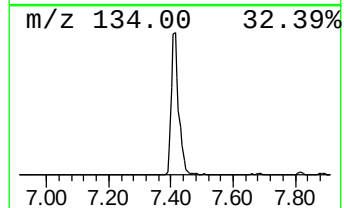
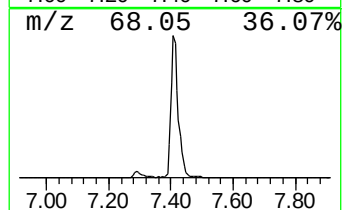
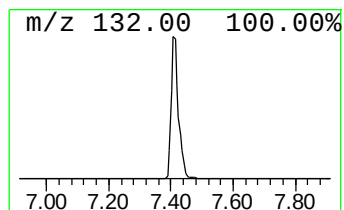
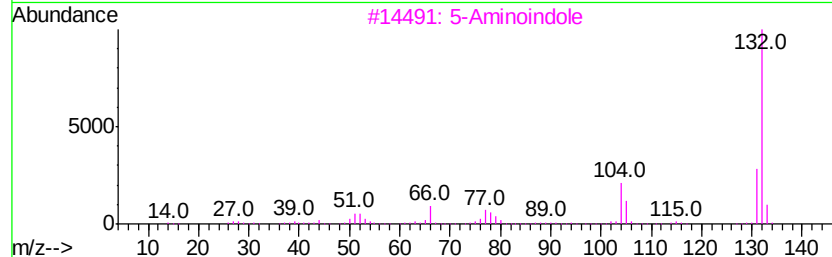
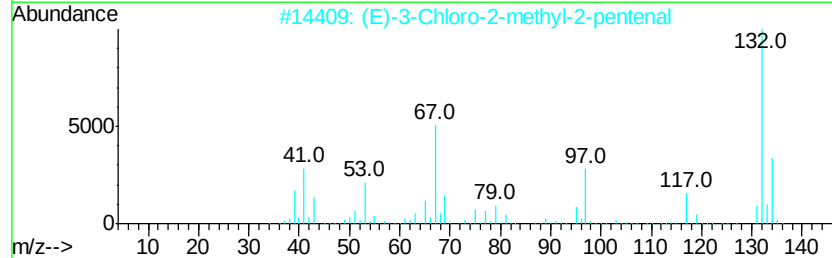
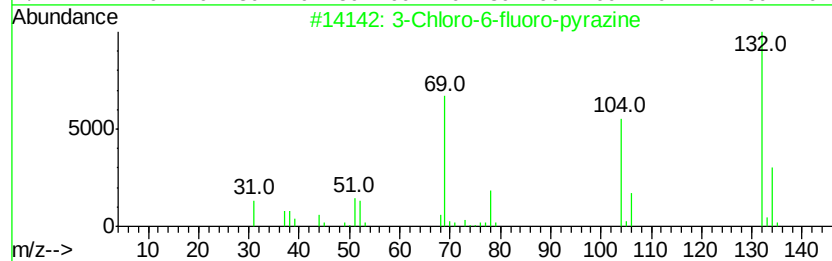
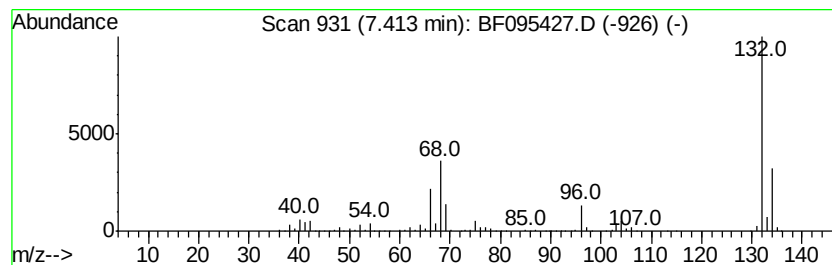
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	81.92 ng	2507570	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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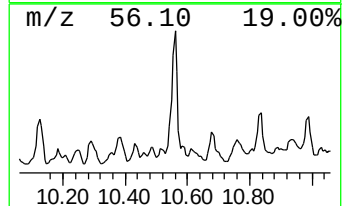
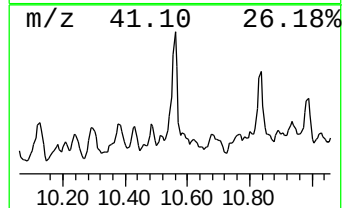
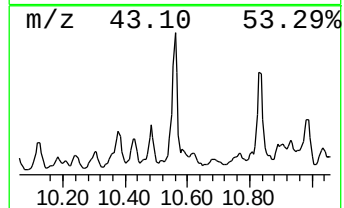
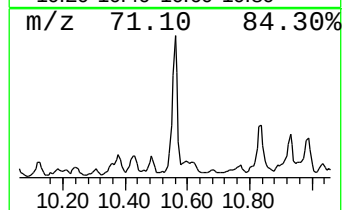
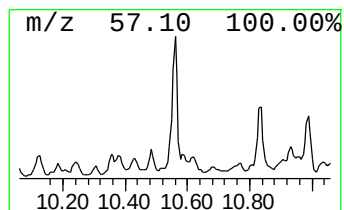
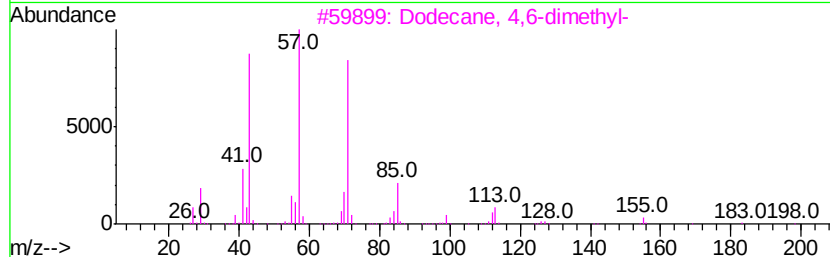
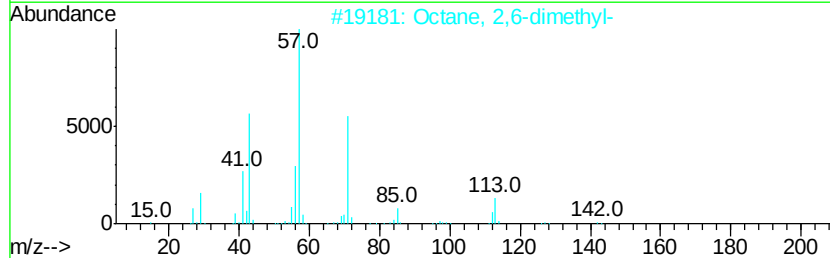
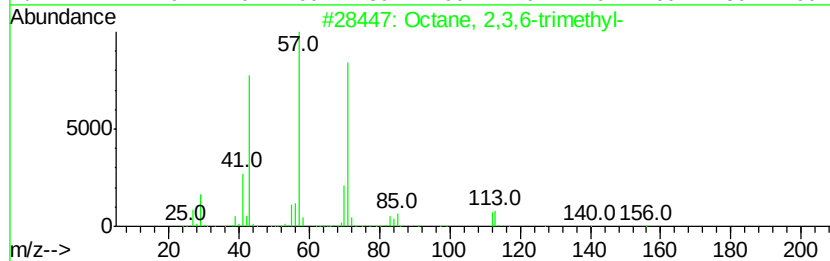
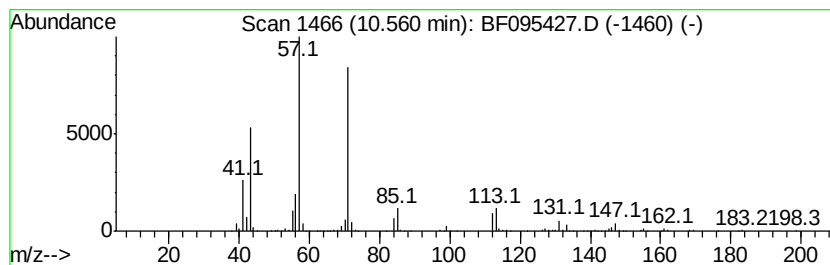
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Peak Number 3 Octane, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	13.05 ng	1725540	Napthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4		Octane, 3-ethyl-	142	C10H22	005881-17-4	59
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59



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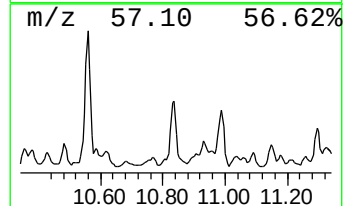
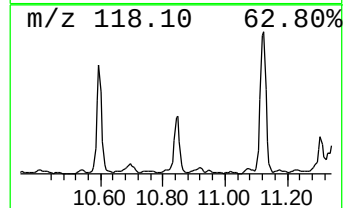
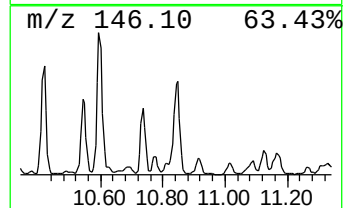
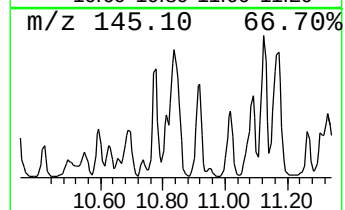
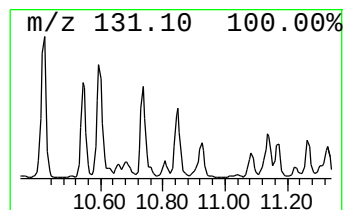
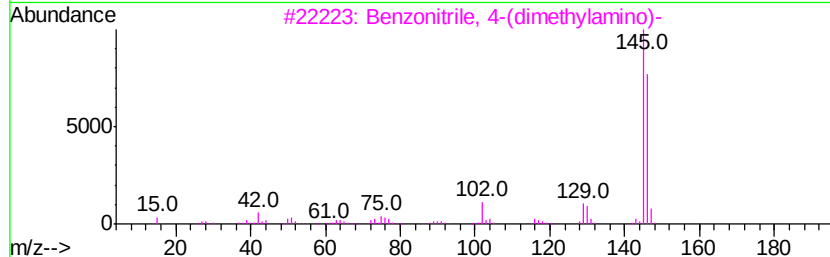
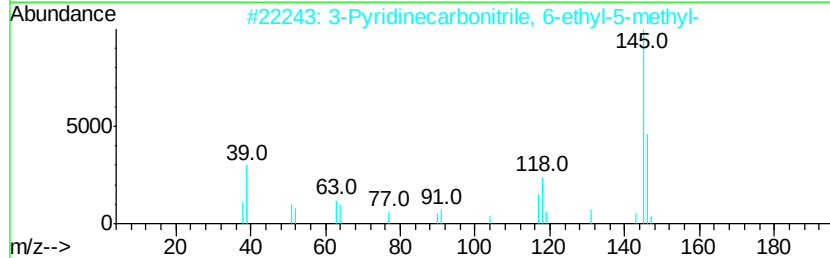
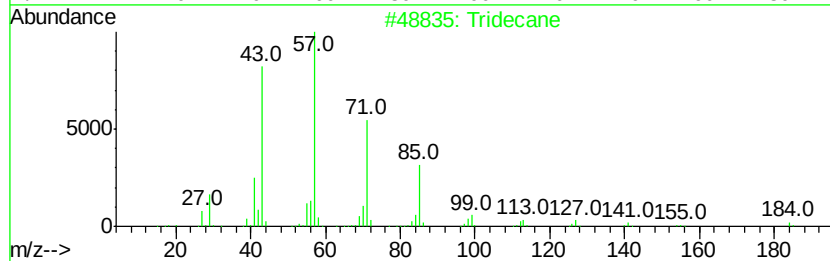
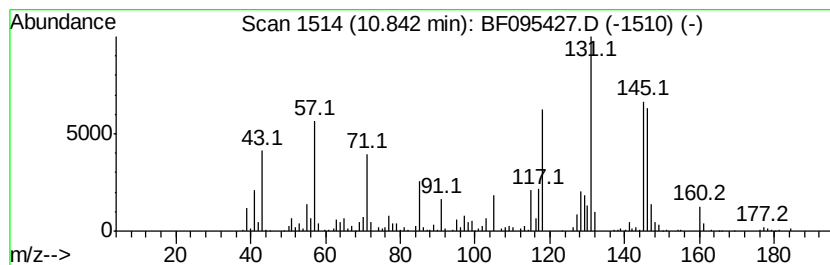
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Peak Number 4 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	12.71 ng	1680970	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		3-Pyridinecarbonitrile, 6-ethyl-...	146	C9H10N2	110253-41-3	30
3		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	27
4		1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	25
5		4-Octanone	128	C8H16O	000589-63-9	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
Operator : SJ/MA
Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-12

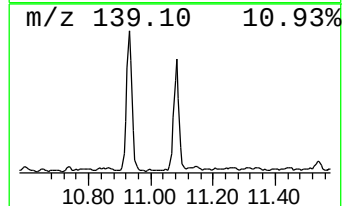
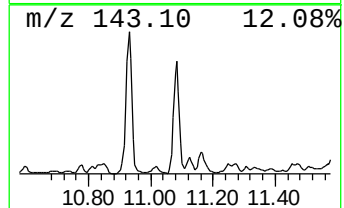
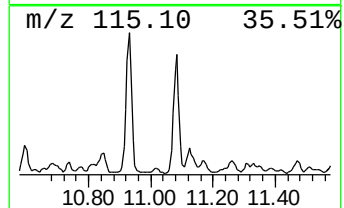
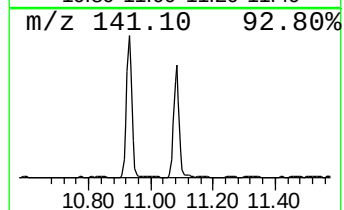
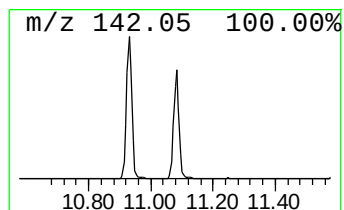
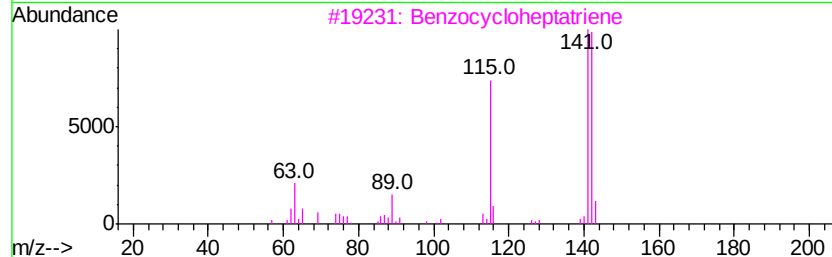
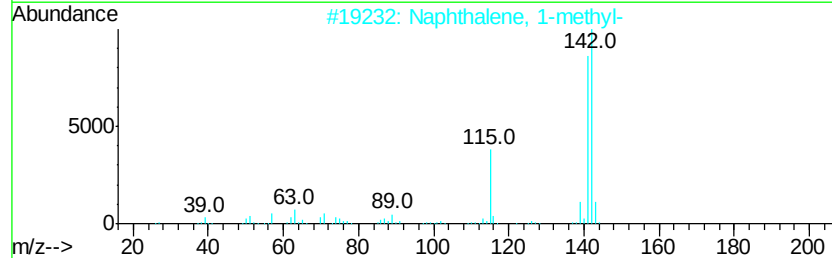
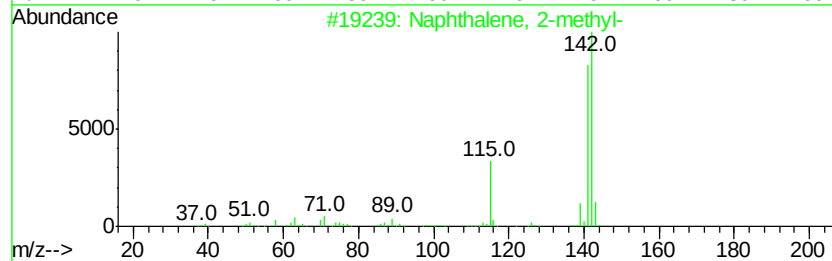
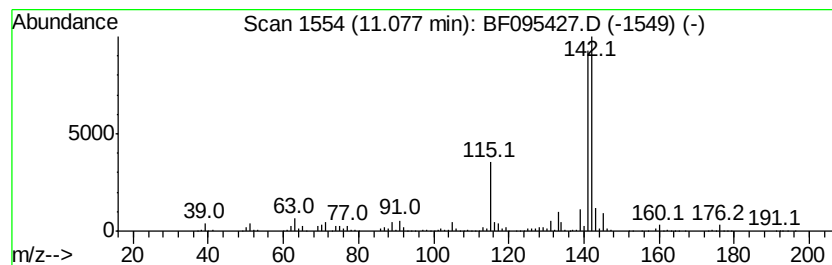
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	20.26 ng	2679410	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		2-Naphthaleneethanol	172	C12H12O	001485-07-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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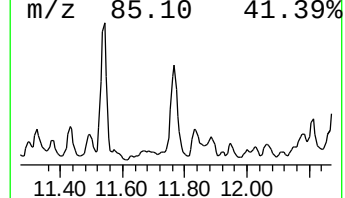
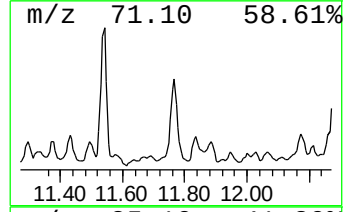
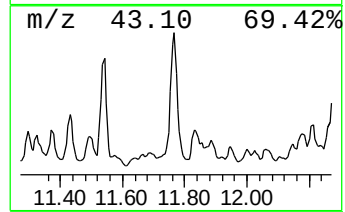
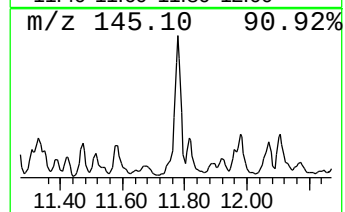
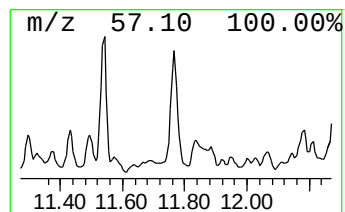
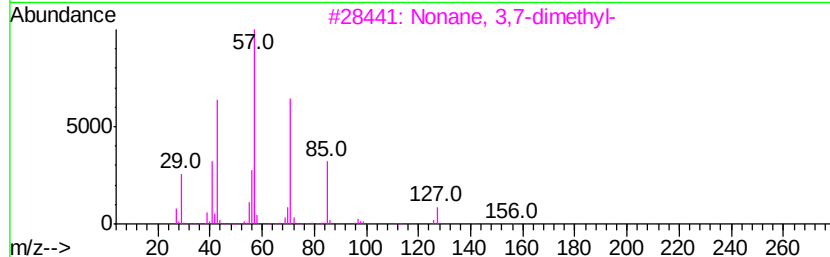
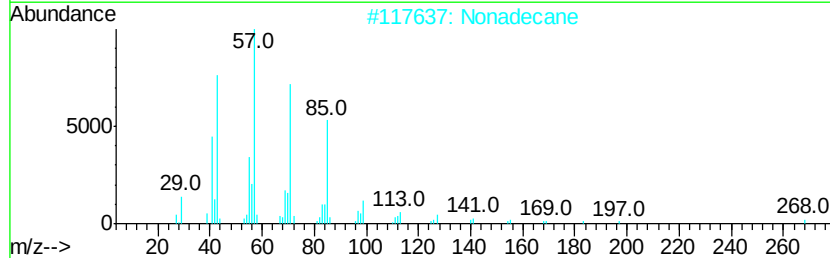
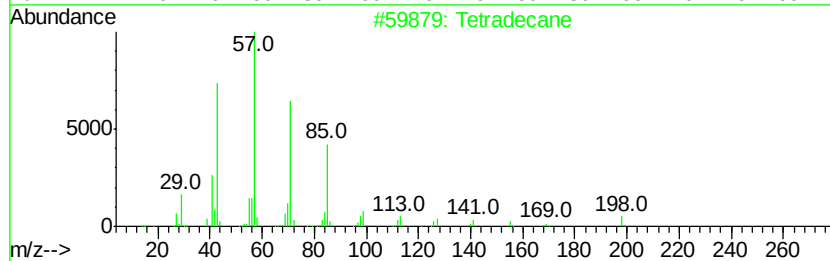
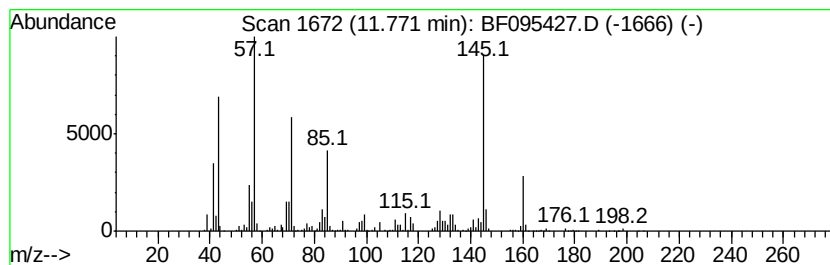
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	17.13 ng	2469150	Acenaphthene-d10	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 83
2		Nonadecane	268 C19H40	000629-92-5 58
3		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 58
4		10-Methylnonadecane	282 C20H42	056862-62-5 53
5		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Sample : I3343-01
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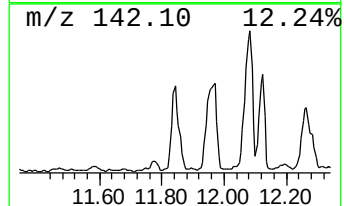
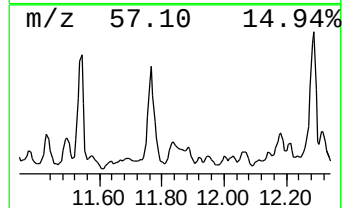
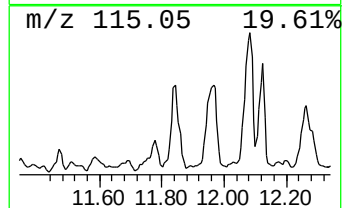
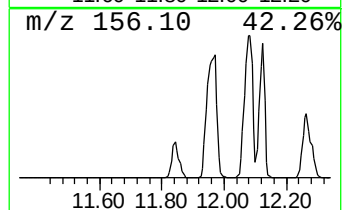
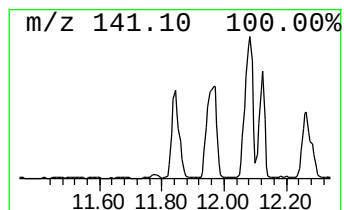
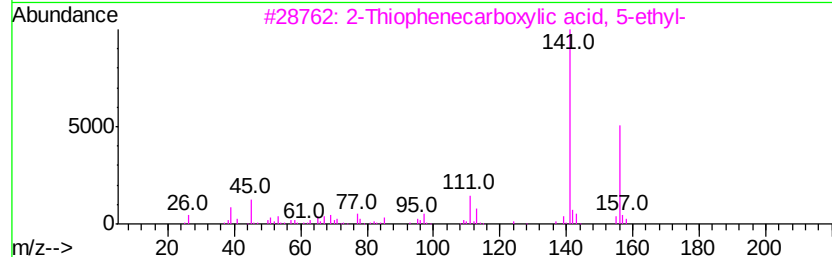
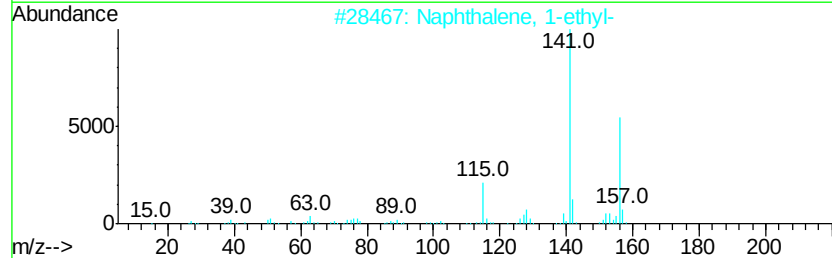
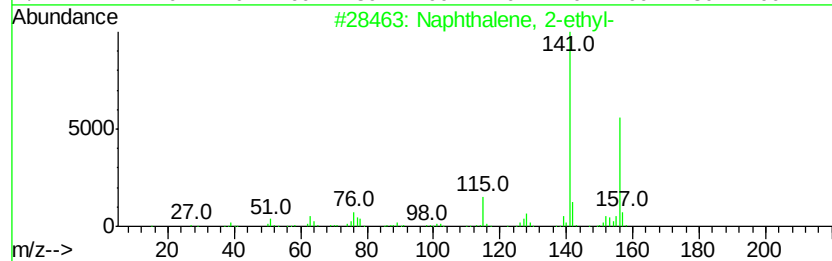
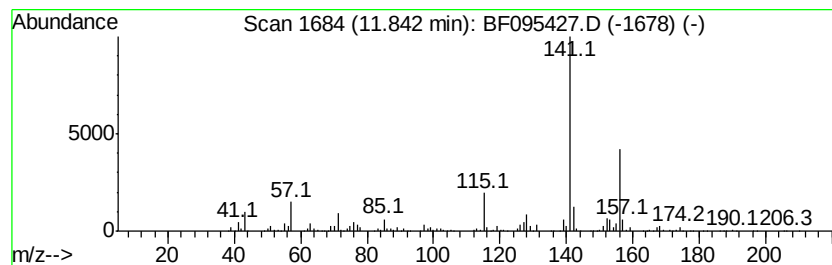
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	13.81 ng	1991370	Acenaphthene-d10	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 64
4		Butethal	212 C10H16N2O3	000077-28-1 59
5		2-Amino-4-tertbutylthiazole	156 C7H12N2S	074370-93-7 59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
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Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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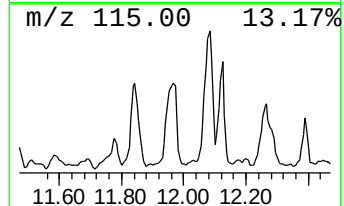
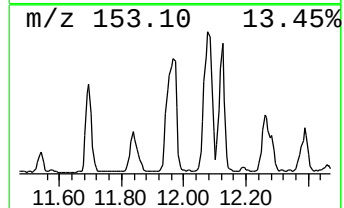
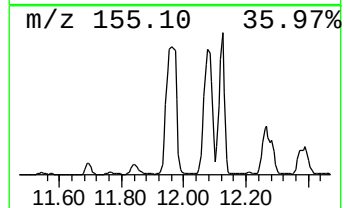
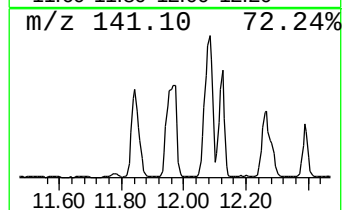
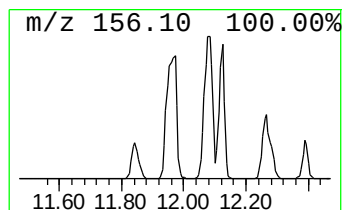
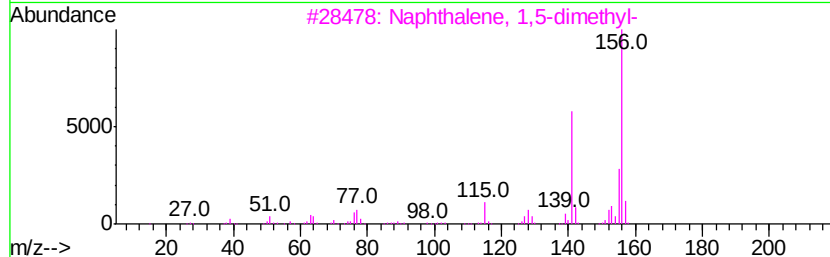
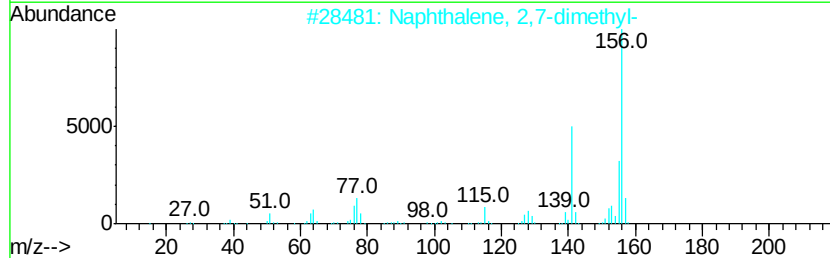
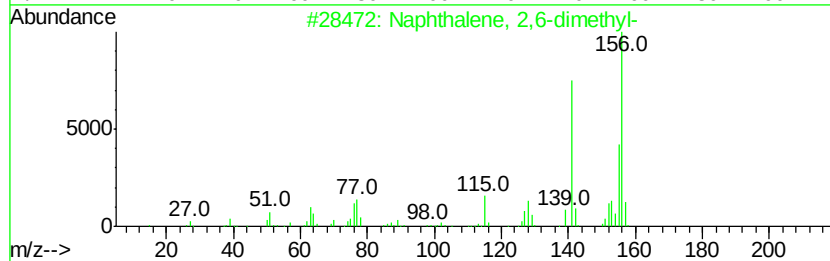
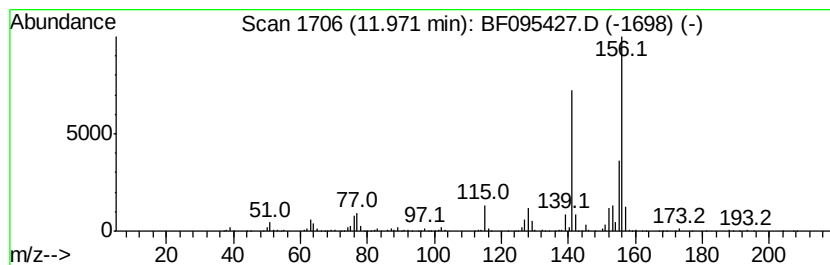
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	26.44 ng	3812040	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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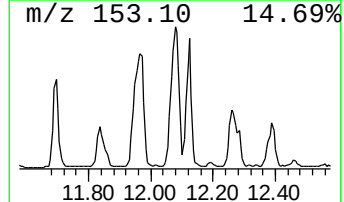
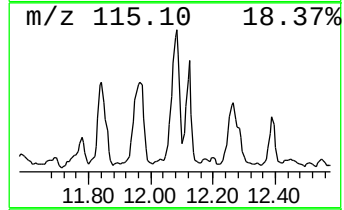
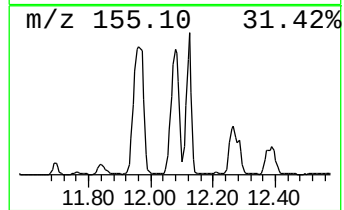
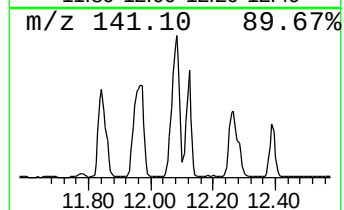
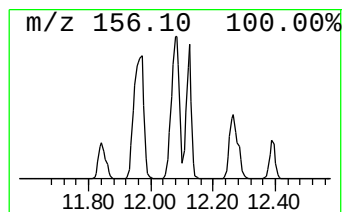
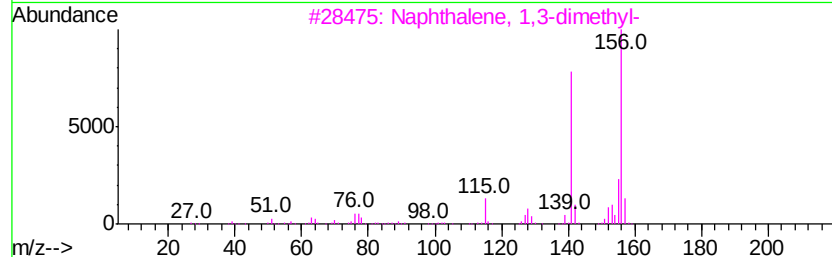
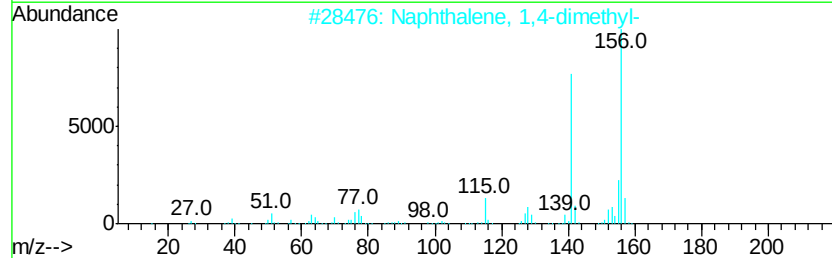
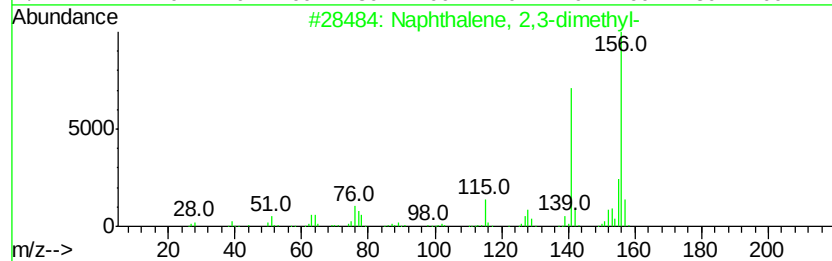
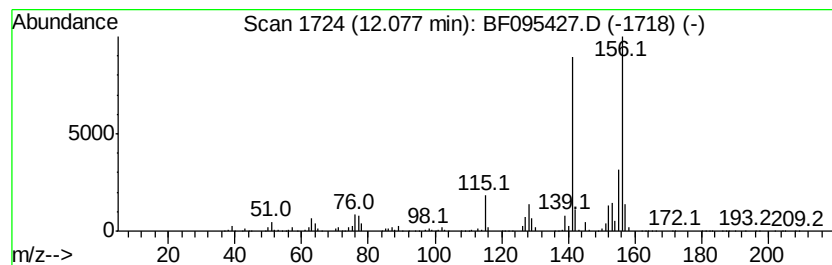
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	27.14 ng	3912010	Acenaphthene-d10	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
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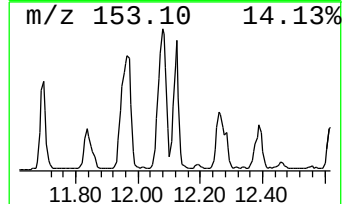
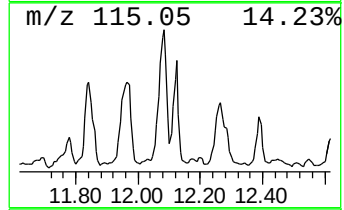
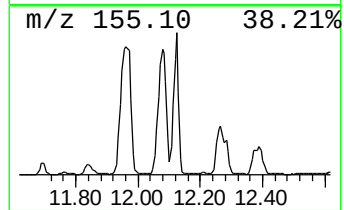
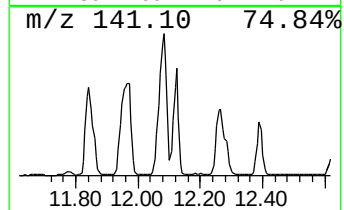
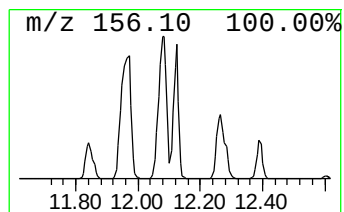
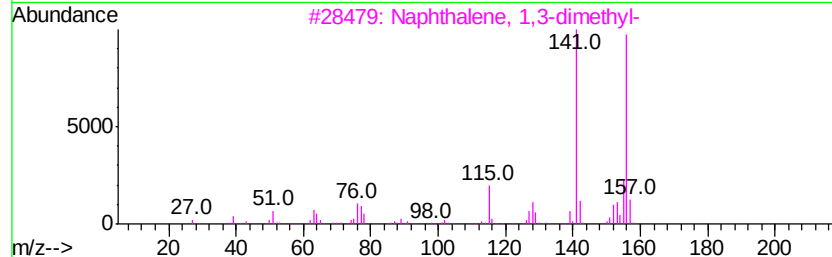
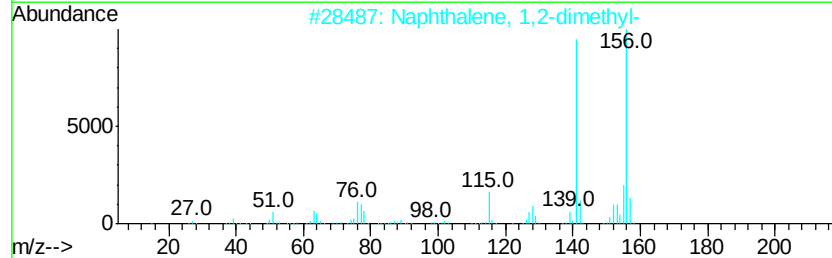
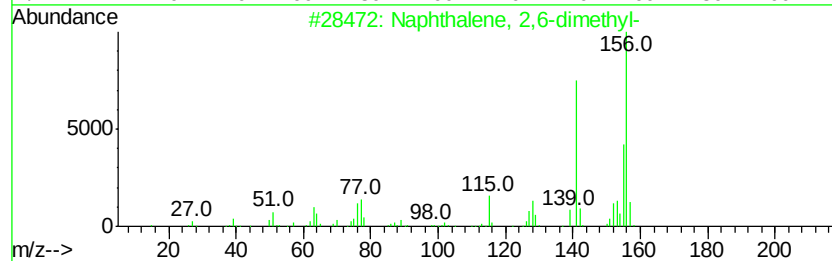
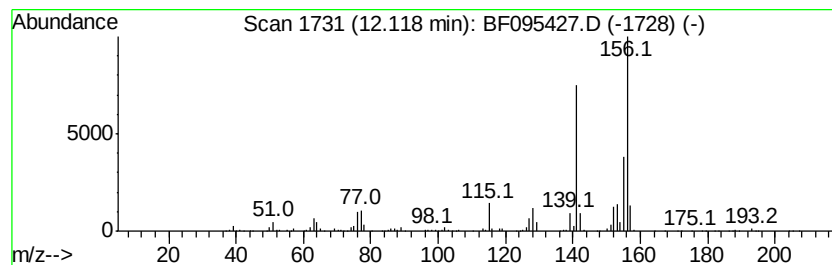
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	20.97 ng	3022630	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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Acq On : 25 May 2017 17:11
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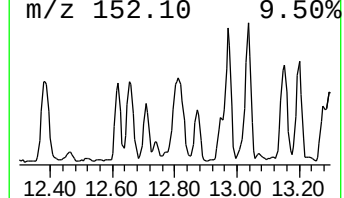
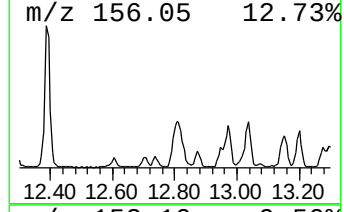
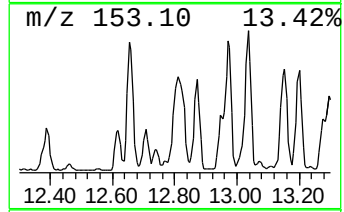
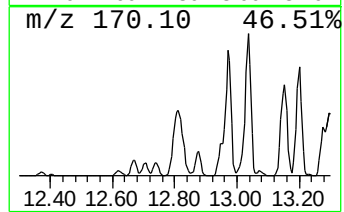
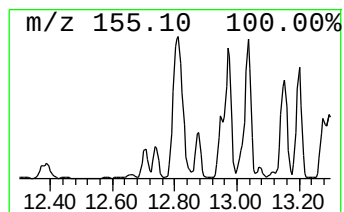
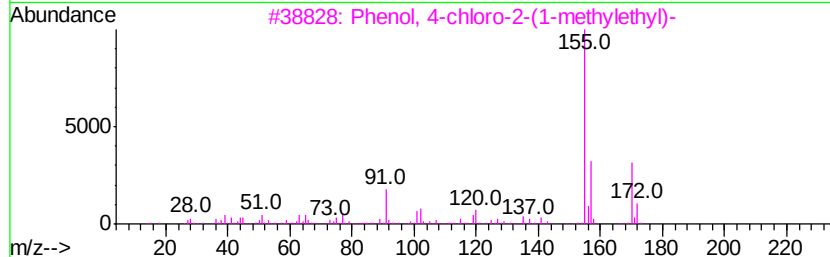
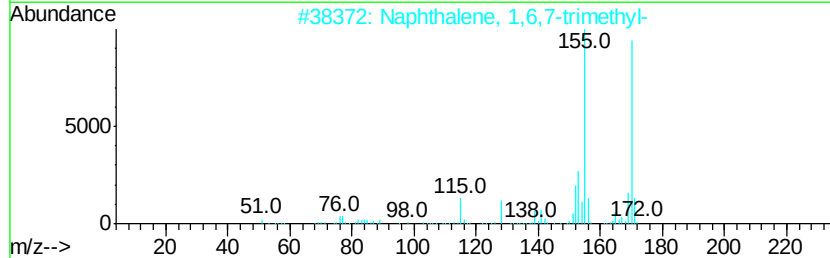
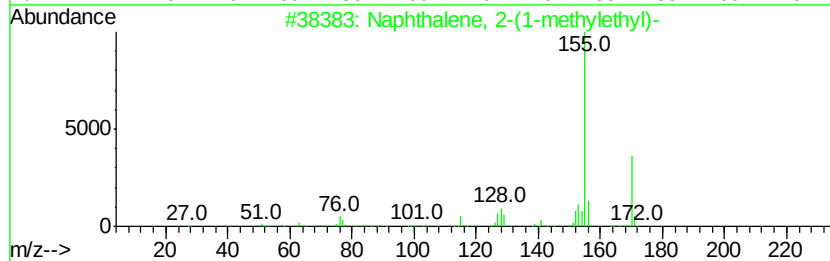
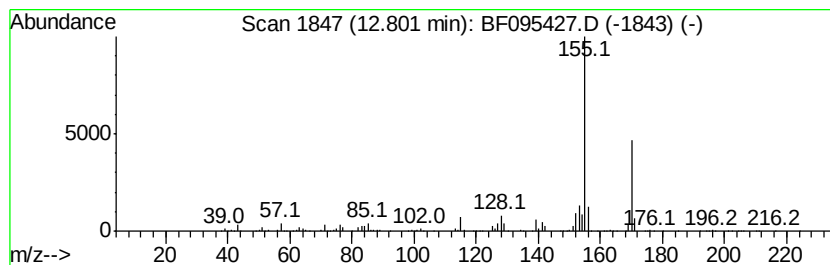
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	13.49 ng	1944790	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3		Phenol, 4-chloro-2-(1-methylethyl)-	170	C9H11ClO	054461-05-1	64
4		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5		Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	64



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Operator : SJ/MA
Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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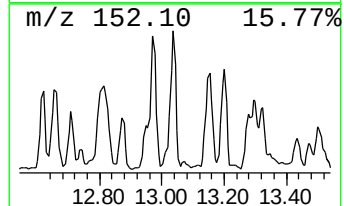
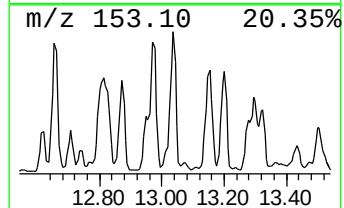
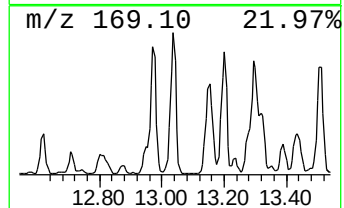
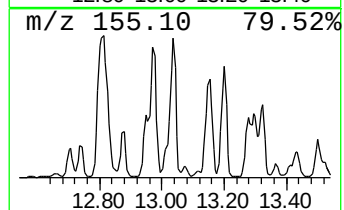
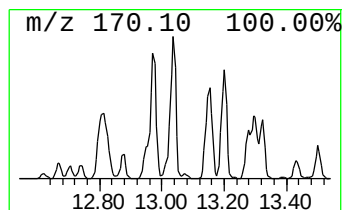
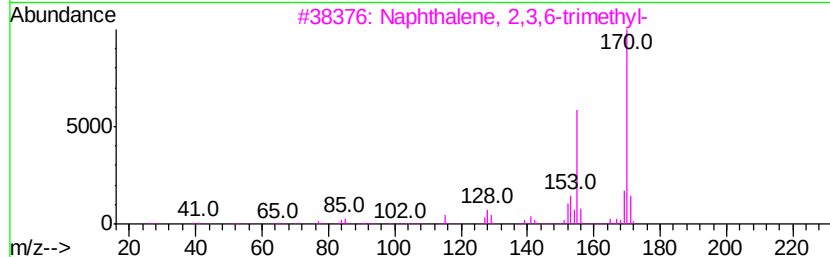
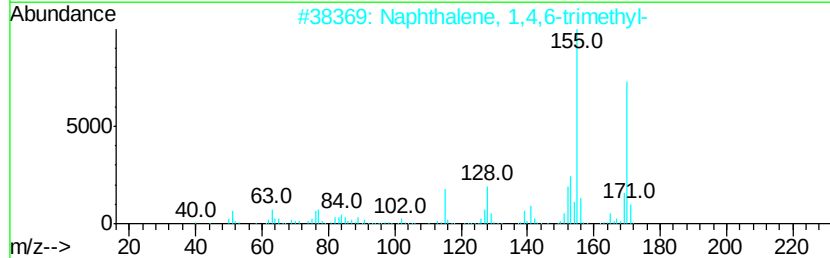
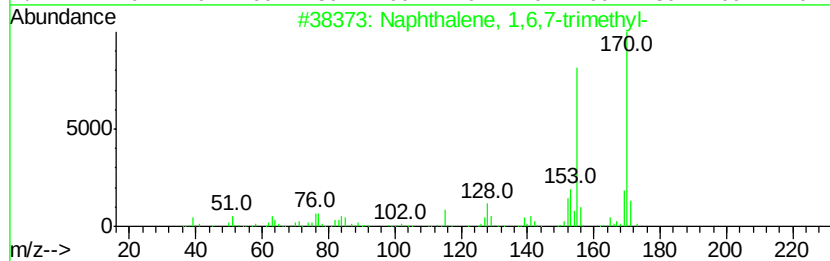
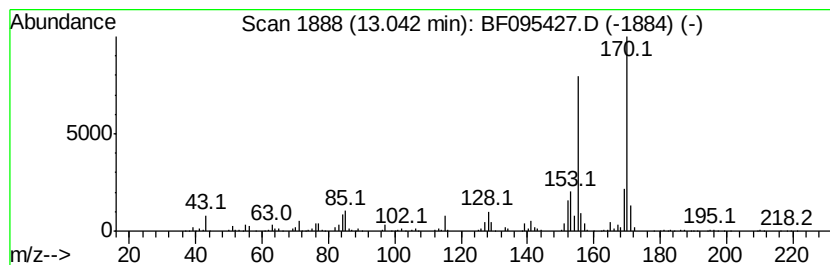
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	14.50 ng	2090810	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
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Acq On : 25 May 2017 17:11
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Misc :
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Instrument :
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ClientSampleId :
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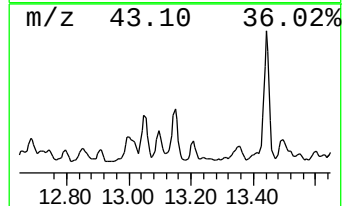
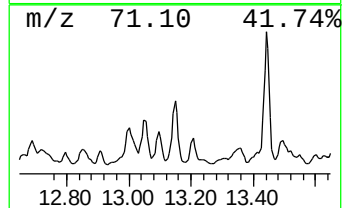
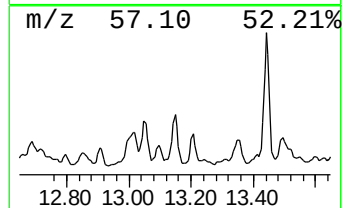
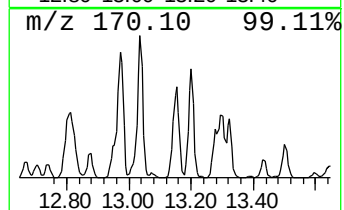
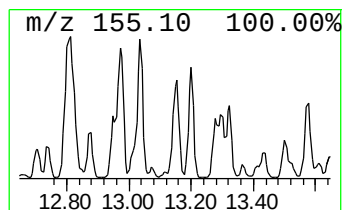
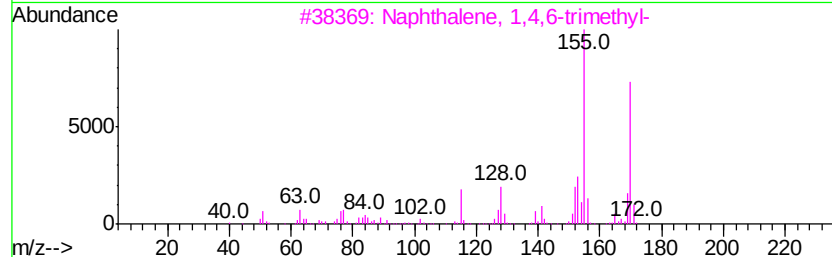
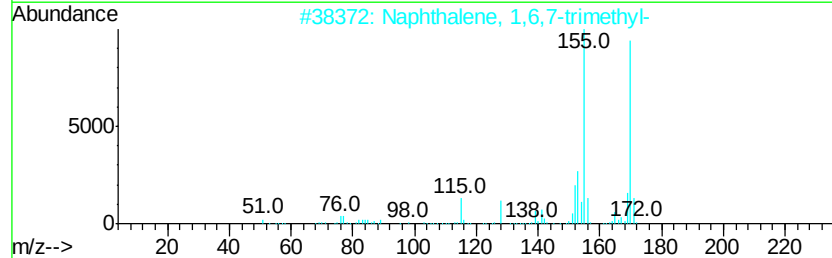
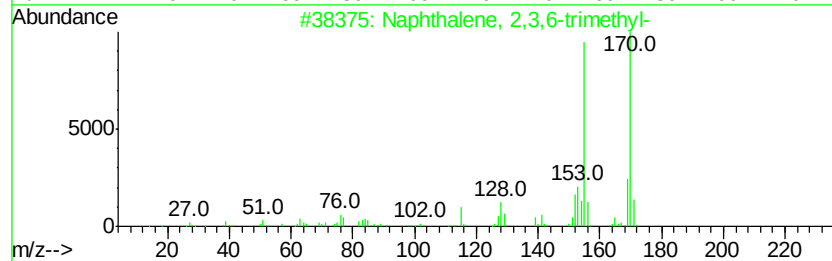
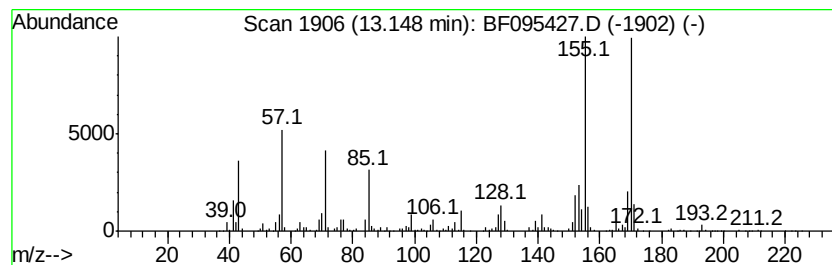
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	16.26 ng	2343270	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
Operator : SJ/MA
Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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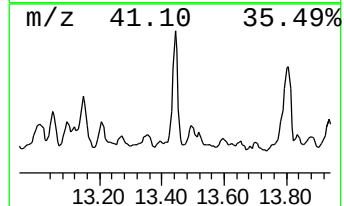
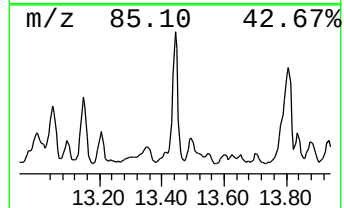
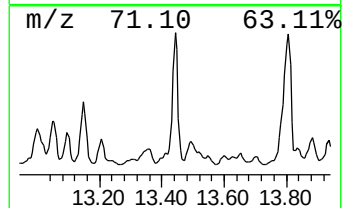
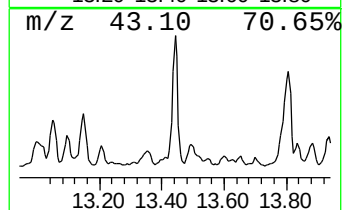
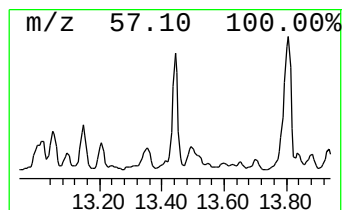
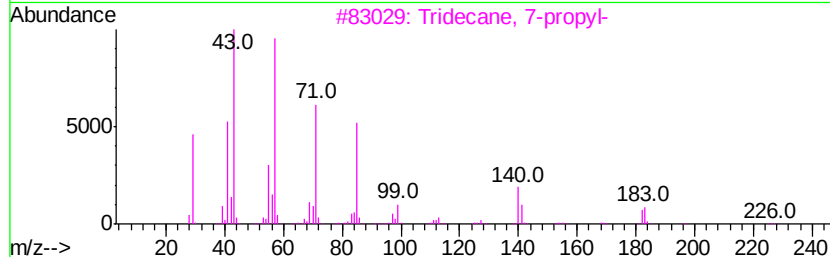
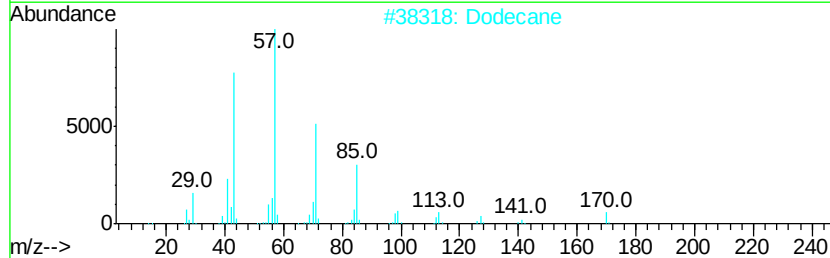
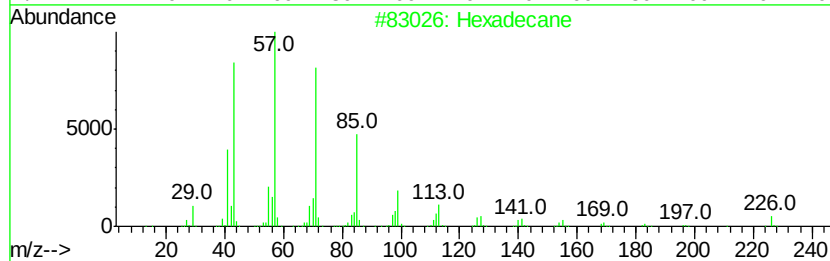
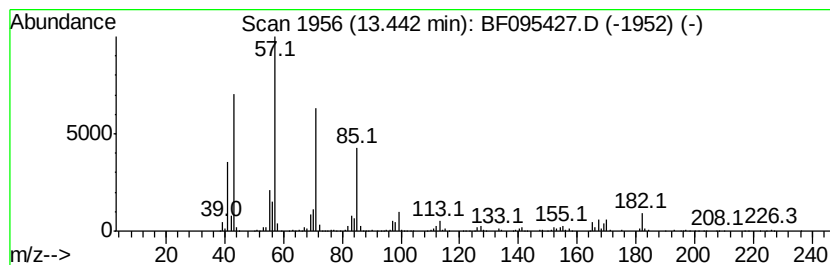
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	12.69 ng	1829520	Acenaphthene-d10	12.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Dodecane		170	C12H26	000112-40-3	83
3	Tridecane, 7-propyl-		226	C16H34	055045-09-5	72
4	Tetradecane		198	C14H30	000629-59-4	72
5	Decane, 5-propyl-		184	C13H28	017312-62-8	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
Operator : SJ/MA
Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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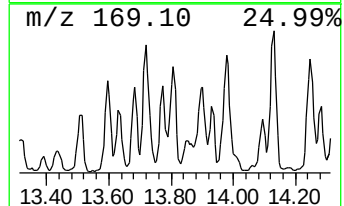
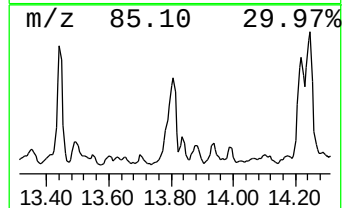
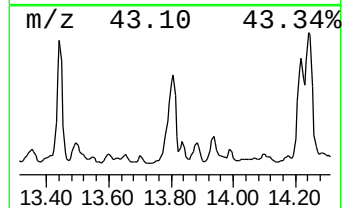
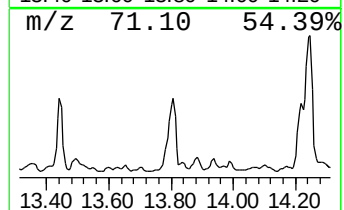
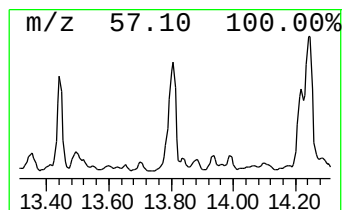
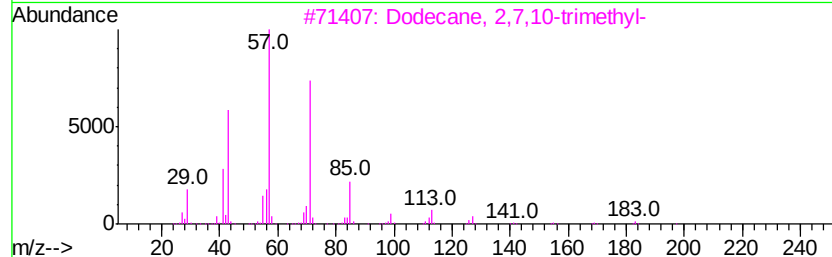
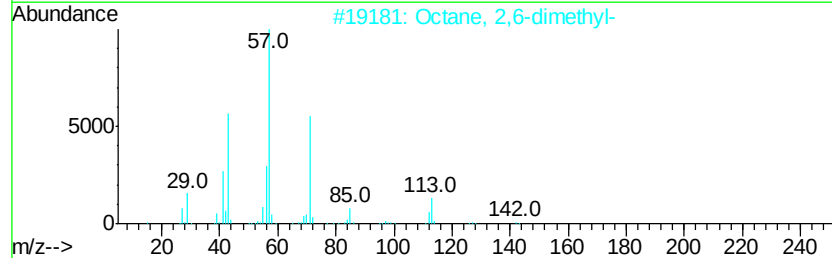
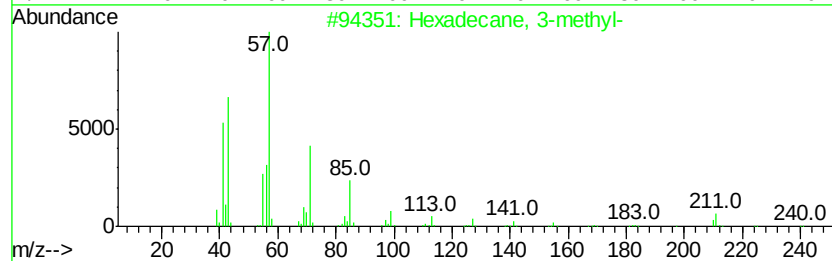
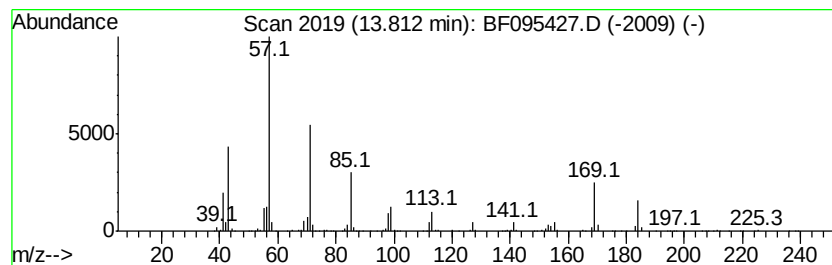
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	19.48 ng	2807860	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	53
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Sample : I3343-01
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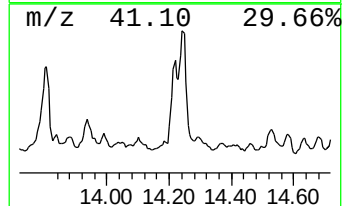
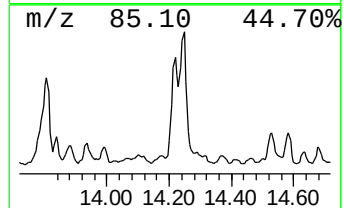
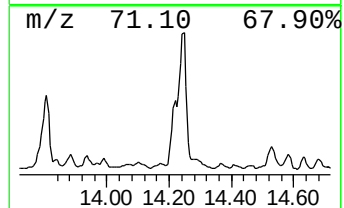
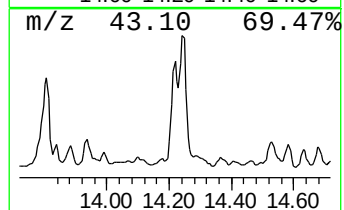
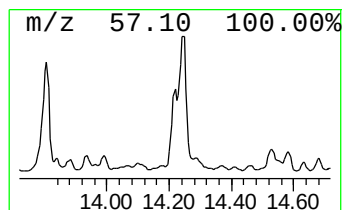
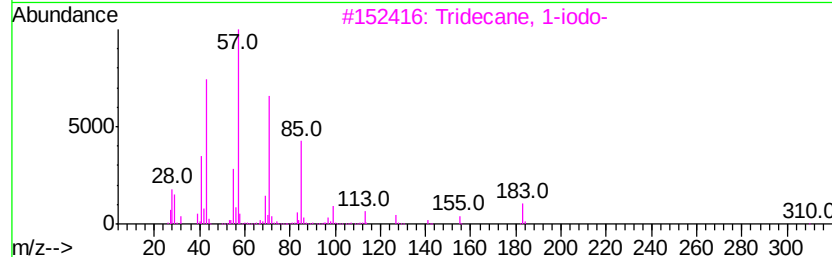
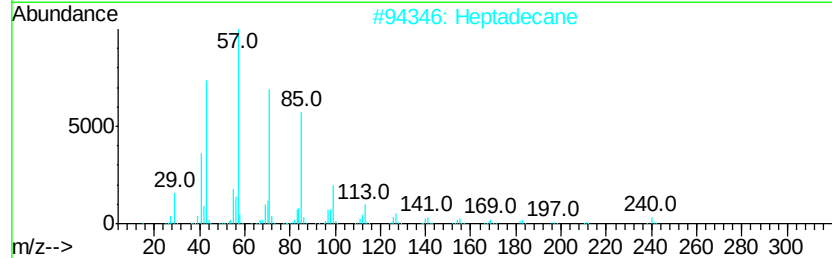
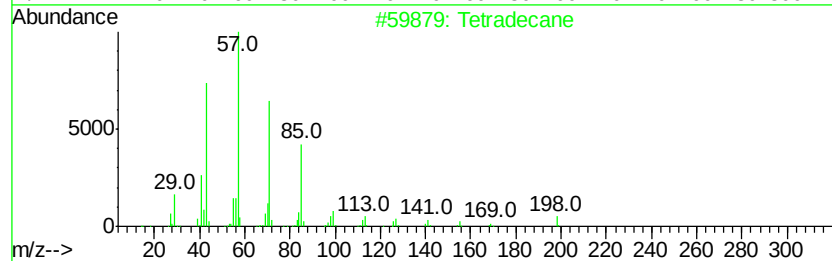
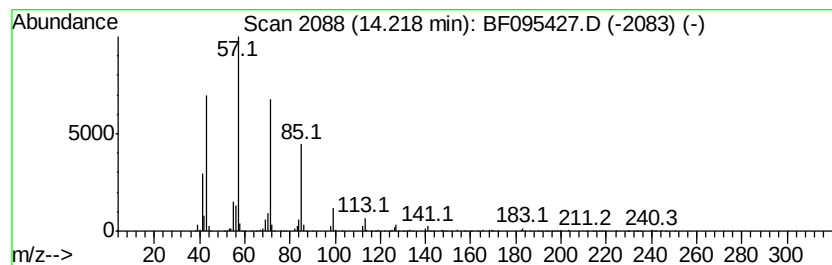
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	13.12 ng	1397150	Phenanthrene-d10	15.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Heptadecane	240 C17H36	000629-78-7 86
3		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 83
4		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 72
5		Dodecane, 2-methyl-	184 C13H28	001560-97-0 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
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Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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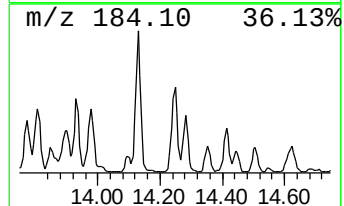
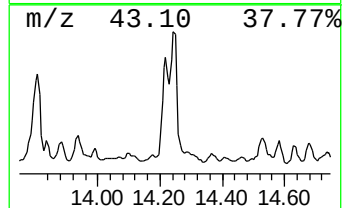
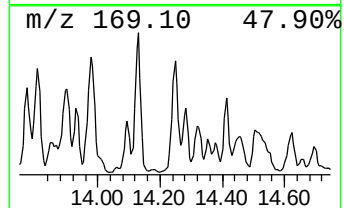
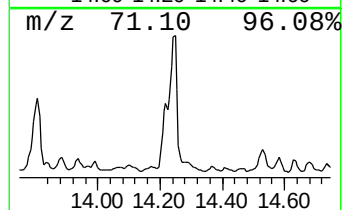
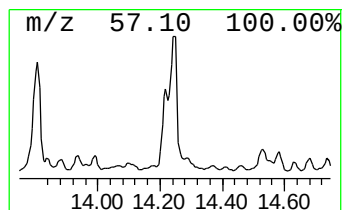
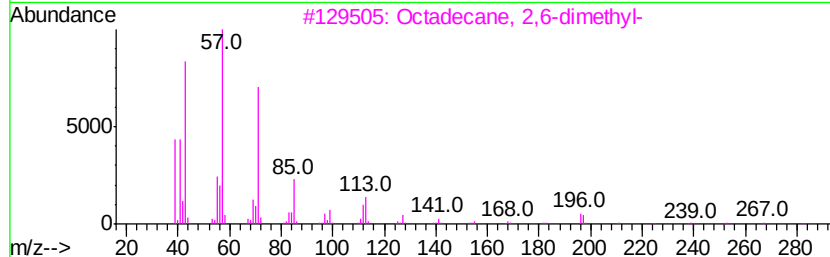
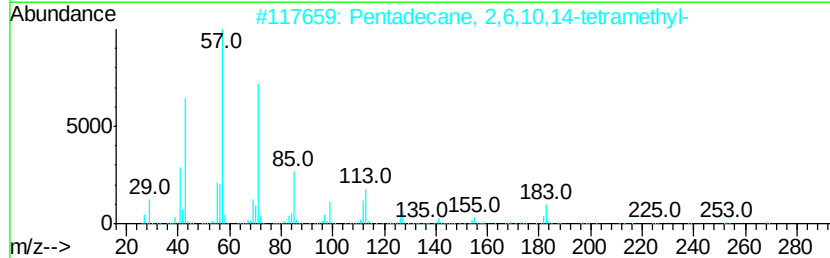
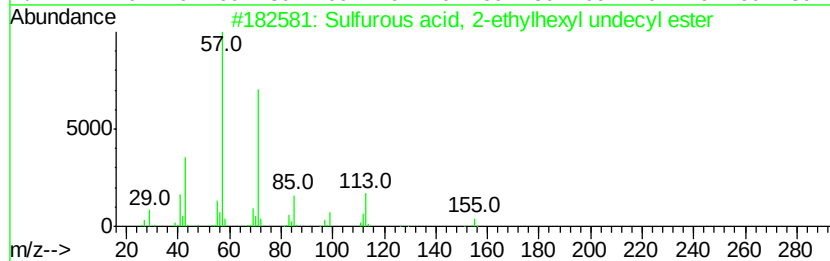
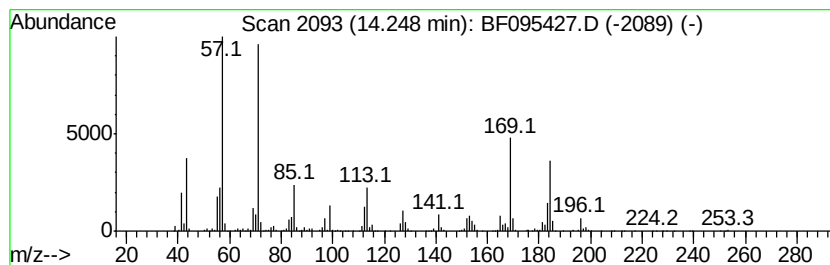
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	28.31 ng	3014800	Phenanthrene-d10	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	49
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	46
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
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Sample : I3343-01
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ALS Vial : 5 Sample Multiplier: 1

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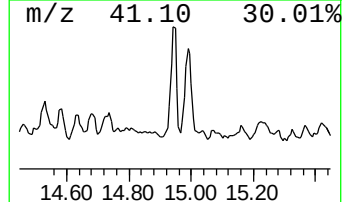
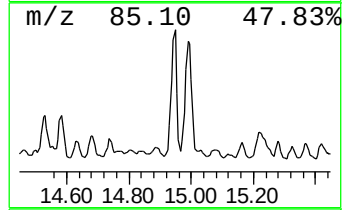
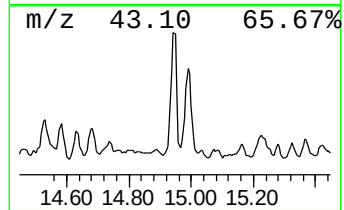
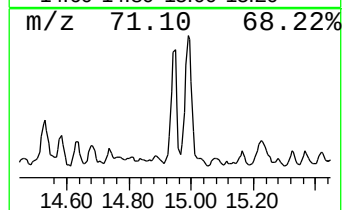
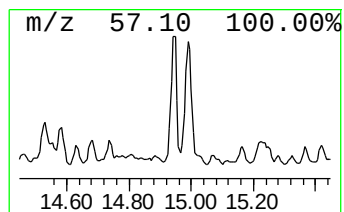
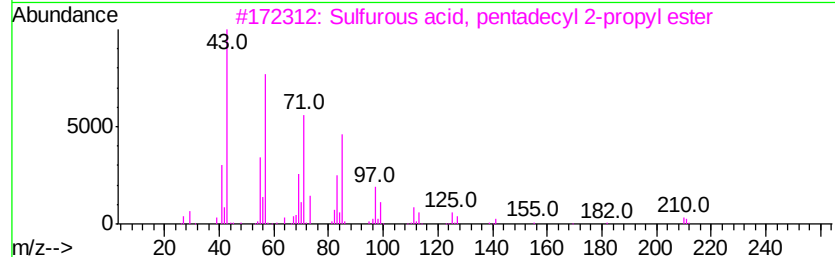
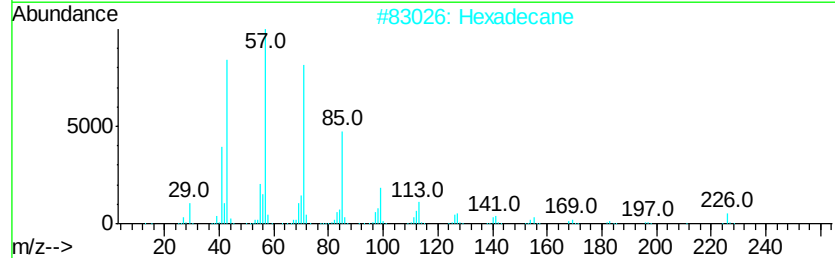
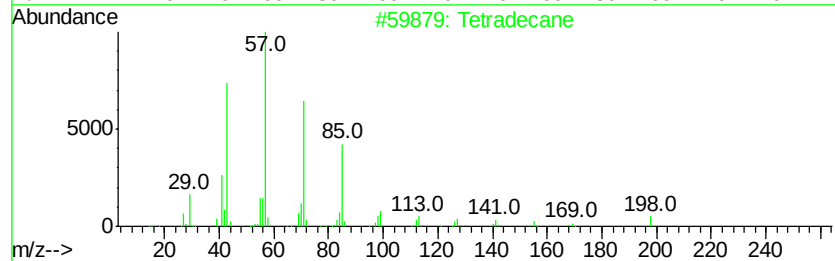
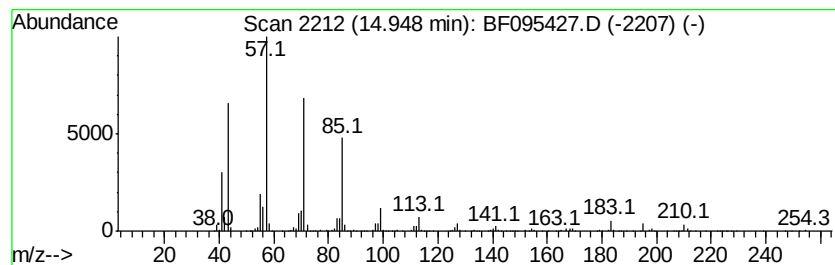
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Sulfurous acid, pentadecyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	12.71 ng	1353200	Phenanthrene-d10	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	93
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
4		Heptadecane	240	C17H36	000629-78-7	83
5		Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
Operator : SJ/MA
Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-12

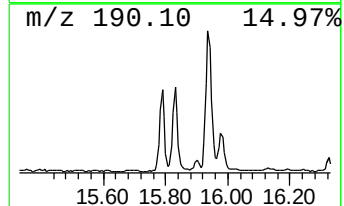
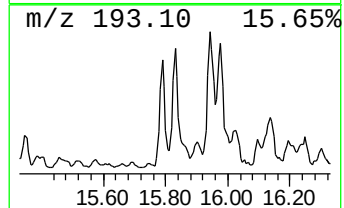
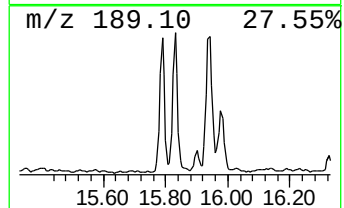
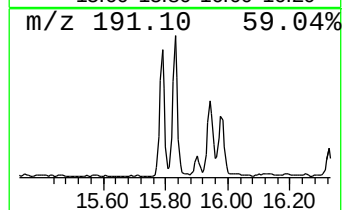
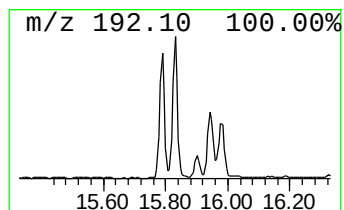
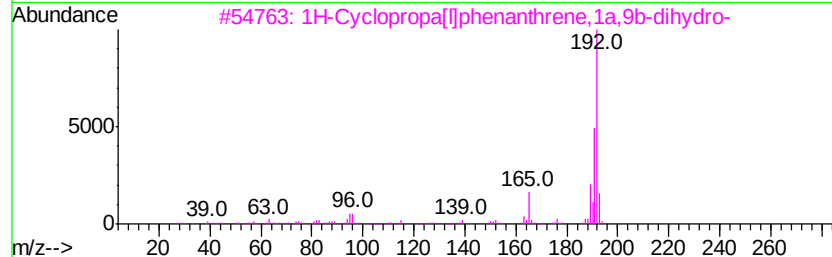
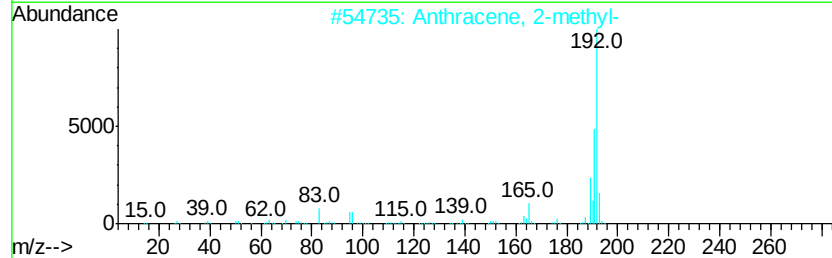
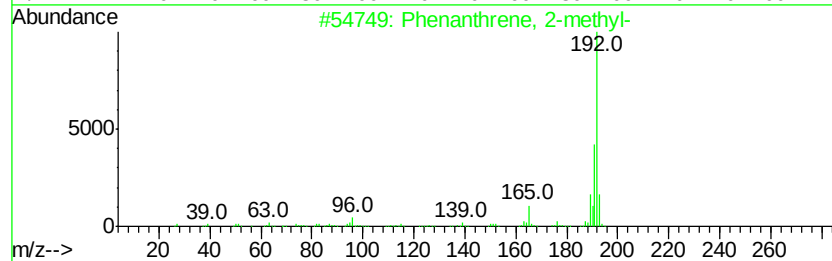
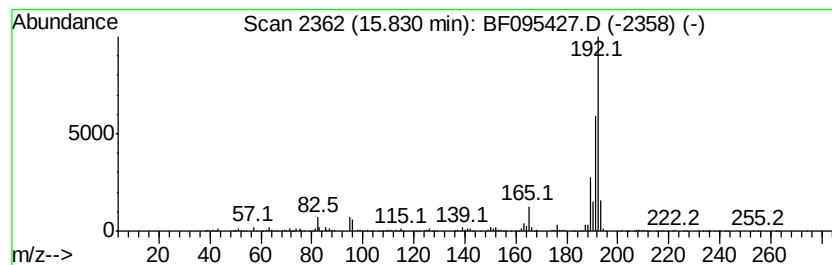
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	14.29 ng	1522210	Phenanthrene-d10	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095427.D
Acq On : 25 May 2017 17:11
Operator : SJ/MA
Sample : I3343-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-12

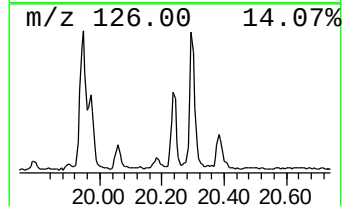
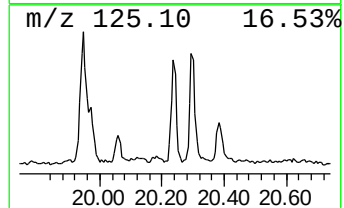
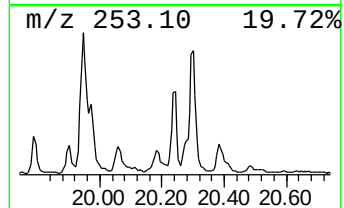
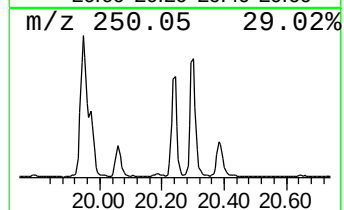
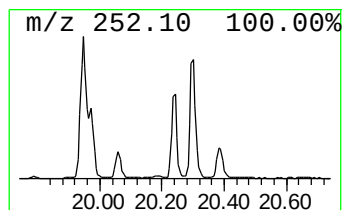
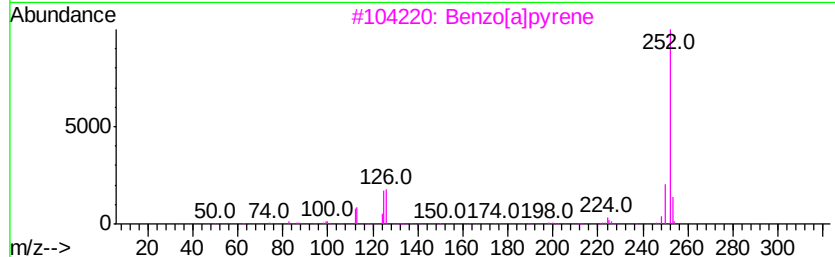
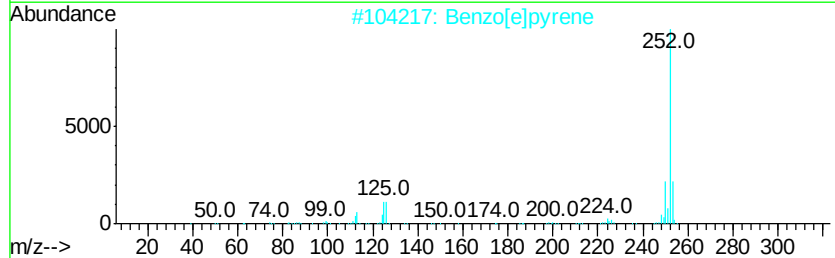
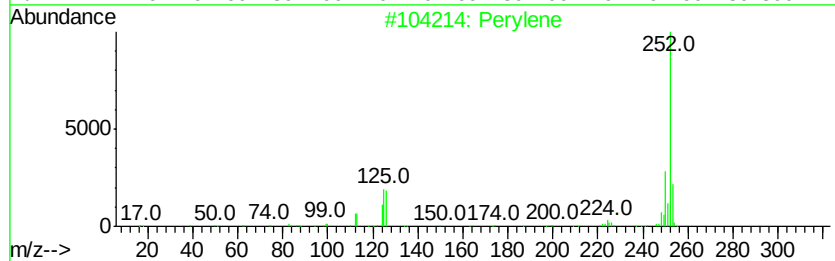
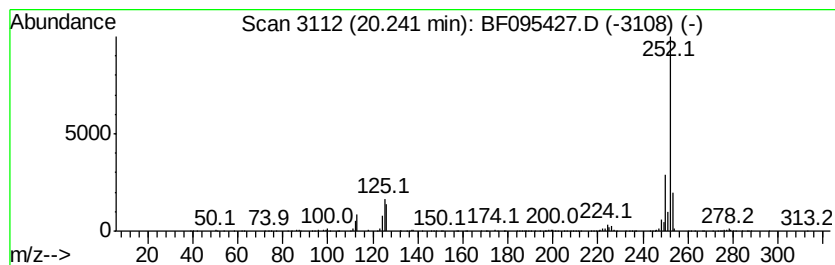
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	24.43 ng	517991	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
 Data File : BF095427.D
 Acq On : 25 May 2017 17:11
 Operator : SJ/MA
 Sample : I3343-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown7.41	7.41	81.9	ng	2507570	1	7.74	612182	20.0
Octane, 2,3,6-tri...	10.56	13.1	ng	1725540	2	9.77	2645420	20.0
Tridecane	10.84	12.7	ng	1680970	2	9.77	2645420	20.0
Naphthalene, 2-me...	11.08	20.3	ng	2679410	2	9.77	2645420	20.0
Tetradecane	11.77	17.1	ng	2469150	3	12.61	2883000	20.0
Naphthalene, 2-et...	11.84	13.8	ng	1991370	3	12.61	2883000	20.0
Naphthalene, 2,6-...	11.97	26.4	ng	3812040	3	12.61	2883000	20.0
Naphthalene, 2,3-...	12.08	27.1	ng	3912010	3	12.61	2883000	20.0
Naphthalene, 1,2-...	12.12	21.0	ng	3022630	3	12.61	2883000	20.0
Naphthalene, 2-(1...	12.80	13.5	ng	1944790	3	12.61	2883000	20.0
Naphthalene, 1,6,...	13.04	14.5	ng	2090810	3	12.61	2883000	20.0
Naphthalene, 2,3,...	13.15	16.3	ng	2343270	3	12.61	2883000	20.0
Hexadecane	13.44	12.7	ng	1829520	3	12.61	2883000	20.0
Hexadecane, 3-met...	13.81	19.5	ng	2807860	3	12.61	2883000	20.0
Heptadecane	14.22	13.1	ng	1397150	4	15.01	2129940	20.0
Sulfurous acid, 2...	14.25	28.3	ng	3014800	4	15.01	2129940	20.0
Sulfurous acid, p...	14.95	12.7	ng	1353200	4	15.01	2129940	20.0
Phenanthrene, 2-m...	15.83	14.3	ng	1522210	4	15.01	2129940	20.0
Perylene	20.24	24.4	ng	517991	6	20.35	424063	20.0