

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095216.D
 Acq On : 18 May 2017 9:44
 Operator : SJ/MA
 Sample : I3192-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-04

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	5.354	570	581	591	rBV2	320849	898190	6.63%	0.240%
2	5.619	620	626	629	rVV	907776	1351540	9.97%	0.361%
3	5.660	629	633	638	rVB2	868224	1357920	10.02%	0.363%
4	5.737	643	646	659	rVV	1171878	2394748	17.66%	0.640%
5	5.960	677	684	687	rVV	621255	979671	7.23%	0.262%
6	6.007	687	692	706	rVB2	1215018	2368156	17.47%	0.633%
7	6.148	706	716	720	rBV	2430655	3608182	26.62%	0.965%
8	6.272	732	737	742	rVB3	882551	1253312	9.24%	0.335%
9	6.466	765	770	773	rBV2	603595	996711	7.35%	0.266%
10	6.501	773	776	781	rVB2	695984	987093	7.28%	0.264%
11	6.625	793	797	799	rVV2	924253	1269382	9.36%	0.339%
12	6.660	799	803	810	rVB	1823926	2769289	20.43%	0.740%
13	6.742	810	817	823	rBV3	944260	1854484	13.68%	0.496%
14	6.948	847	852	861	rVB2	1529714	2482988	18.32%	0.664%
15	7.060	861	871	875	rBV	3882964	7334331	54.10%	1.961%
16	7.107	875	879	883	rVV2	2441808	3675113	27.11%	0.983%
17	7.189	887	893	898	rBV2	2334612	4290419	31.65%	1.147%
18	7.248	898	903	908	rVV4	717584	1555538	11.47%	0.416%
19	7.307	908	913	922	rVV2	2041224	4236995	31.25%	1.133%
20	7.395	922	928	930	rVV2	1310110	2013802	14.85%	0.538%
21	7.442	930	936	941	rVV2	2001266	3988188	29.42%	1.066%
22	7.495	941	945	946	rVV3	624671	932751	6.88%	0.249%
23	7.531	946	951	956	rVV	3756668	5993134	44.21%	1.602%
24	7.607	956	964	971	rVB2	4657813	9534433	70.33%	2.549%
25	7.878	1004	1010	1015	rVB3	3299235	5971632	44.05%	1.597%
26	7.936	1015	1020	1024	rBV3	1055186	2048318	15.11%	0.548%
27	8.031	1031	1036	1039	rBV3	2247174	4235751	31.24%	1.132%
28	8.060	1039	1041	1047	rVB4	1600345	2108276	15.55%	0.564%
29	8.201	1053	1065	1069	rBV5	1395383	3385975	24.98%	0.905%
30	8.248	1069	1073	1077	rVB	1977049	2559616	18.88%	0.684%
31	8.325	1077	1086	1093	rVB5	2263988	6757904	49.85%	1.807%
32	8.389	1093	1097	1101	rBV2	2548819	4256916	31.40%	1.138%
33	8.466	1106	1110	1115	rVB	1838792	2562672	18.90%	0.685%
34	8.548	1120	1124	1127	rBV	1010341	1456898	10.75%	0.390%

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35	8.583	1127	1130	1133	rVB	1037149	1151680	8.50%	0.308%
36	8.666	1139	1144	1150	rBV3	2201363	5319761	39.24%	1.422%
37	8.836	1162	1173	1179	rBV3	5291106	12420513	91.62%	3.321%
38	8.989	1193	1199	1203	rVV4	1019311	2306878	17.02%	0.617%
39	9.078	1203	1214	1223	rVV3	2125567	7816056	57.65%	2.090%
40	9.236	1236	1241	1245	rVV4	2031237	3865032	28.51%	1.033%
41	9.272	1245	1247	1250	rVV3	1442305	2060172	15.20%	0.551%
42	9.307	1250	1253	1260	rVB2	1701811	3303763	24.37%	0.883%
43	9.413	1265	1271	1277	rBV4	3423768	8766041	64.66%	2.344%
44	9.466	1277	1280	1282	rVV2	1310146	2111163	15.57%	0.564%
45	9.519	1283	1289	1292	rVV3	1923742	4830244	35.63%	1.291%
46	9.566	1292	1297	1307	rVB4	2829266	6956278	51.31%	1.860%
47	9.660	1308	1313	1320	rVV2	776007	1863884	13.75%	0.498%
48	9.807	1330	1338	1340	rBV5	2423017	5866600	43.27%	1.568%
49	9.919	1348	1357	1364	rVB2	5184807	13556726	100.00%	3.624%
50	10.030	1370	1376	1380	rVB2	2815742	4734718	34.93%	1.266%
51	10.107	1385	1389	1392	rVB4	878202	1259629	9.29%	0.337%
52	10.160	1392	1398	1406	rBV7	1940766	4609658	34.00%	1.232%
53	10.224	1406	1409	1413	rVB2	837155	1088029	8.03%	0.291%
54	10.289	1416	1420	1425	rVB3	1762449	2859401	21.09%	0.764%
55	10.354	1425	1431	1436	rBV4	1650375	3510145	25.89%	0.938%
56	10.442	1442	1446	1449	rBV5	908642	1794610	13.24%	0.480%
57	10.542	1458	1463	1468	rVB3	1582343	2648014	19.53%	0.708%
58	10.619	1468	1476	1479	rBV4	2517750	6561150	48.40%	1.754%
59	10.660	1479	1483	1488	rVB	3024308	5069785	37.40%	1.355%
60	10.736	1493	1496	1503	rVB6	885521	1898600	14.00%	0.508%
61	10.907	1517	1525	1530	rVB3	4406700	12843858	94.74%	3.434%
62	10.983	1533	1538	1546	rVB3	2130403	4265257	31.46%	1.140%
63	11.054	1546	1550	1555	rVB2	927757	1386952	10.23%	0.371%
64	11.136	1559	1564	1568	rBV2	1658566	3418563	25.22%	0.914%
65	11.195	1568	1574	1578	rVV2	2878839	5498424	40.56%	1.470%
66	11.236	1578	1581	1585	rVB3	1350388	1872651	13.81%	0.501%
67	11.360	1597	1602	1608	rBV3	1858821	4276780	31.55%	1.143%
68	11.495	1619	1625	1628	rBV2	1256614	2578322	19.02%	0.689%
69	11.536	1628	1632	1634	rVV	1444618	2629814	19.40%	0.703%
70	11.595	1638	1642	1647	rVV2	2454030	4751553	35.05%	1.270%
71	11.642	1647	1650	1655	rVB5	934301	1502203	11.08%	0.402%

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72	11.848	1675	1685	1688	rBV2	4421964	12104914	89.29%	3.236%
73	11.895	1689	1693	1700	rVB6	1187422	2341781	17.27%	0.626%
74	12.013	1709	1713	1720	rBV4	1112053	2357658	17.39%	0.630%
75	12.348	1766	1770	1774	rVB3	1801512	2930094	21.61%	0.783%
76	12.436	1781	1785	1790	rBV4	1587067	2382470	17.57%	0.637%
77	12.713	1821	1832	1835	rBV	4156150	10977878	80.98%	2.935%
78	13.160	1904	1908	1910	rBV	872105	1266450	9.34%	0.339%
79	13.207	1913	1916	1921	rVV2	1999130	3109892	22.94%	0.831%
80	13.260	1922	1925	1929	rVB2	1172990	1575958	11.62%	0.421%
81	13.530	1960	1971	1973	rBV	4177736	10282690	75.85%	2.749%
82	13.560	1973	1976	1984	rVB3	792550	1697450	12.52%	0.454%
83	13.995	2047	2050	2056	rVB4	871238	1184685	8.74%	0.317%
84	14.301	2092	2102	2104	rBV	4041055	11224259	82.79%	3.001%
85	14.642	2157	2160	2164	rVB2	895065	1088479	8.03%	0.291%
86	14.689	2165	2168	2172	rVB	741743	906730	6.69%	0.242%
87	14.736	2173	2176	2180	rVV2	874128	1084523	8.00%	0.290%
88	14.783	2181	2184	2188	rVB3	917955	1185987	8.75%	0.317%
89	15.018	2215	2224	2226	rBV	3907726	7963560	58.74%	2.129%
90	15.059	2226	2231	2234	rVB2	2638734	3757923	27.72%	1.005%
91	15.271	2263	2267	2274	rBV4	804104	1902554	14.03%	0.509%
92	15.577	2316	2319	2326	rVV2	607859	1135709	8.38%	0.304%
93	15.665	2327	2334	2337	rVB	3791773	6291512	46.41%	1.682%
94	16.248	2427	2433	2436	rBV	3534354	5045778	37.22%	1.349%
95	16.624	2493	2497	2504	rBV3	819297	1368681	10.10%	0.366%
96	16.777	2518	2523	2527	rVB	3016102	4055480	29.91%	1.084%
97	17.271	2603	2607	2611	rVV	2552056	3021027	22.28%	0.808%
98	17.353	2617	2621	2627	rVB	1435744	1682809	12.41%	0.450%
99	17.736	2682	2686	2690	rVB	2024504	2082619	15.36%	0.557%
100	18.177	2757	2761	2764	rVB	1238181	1303411	9.61%	0.348%

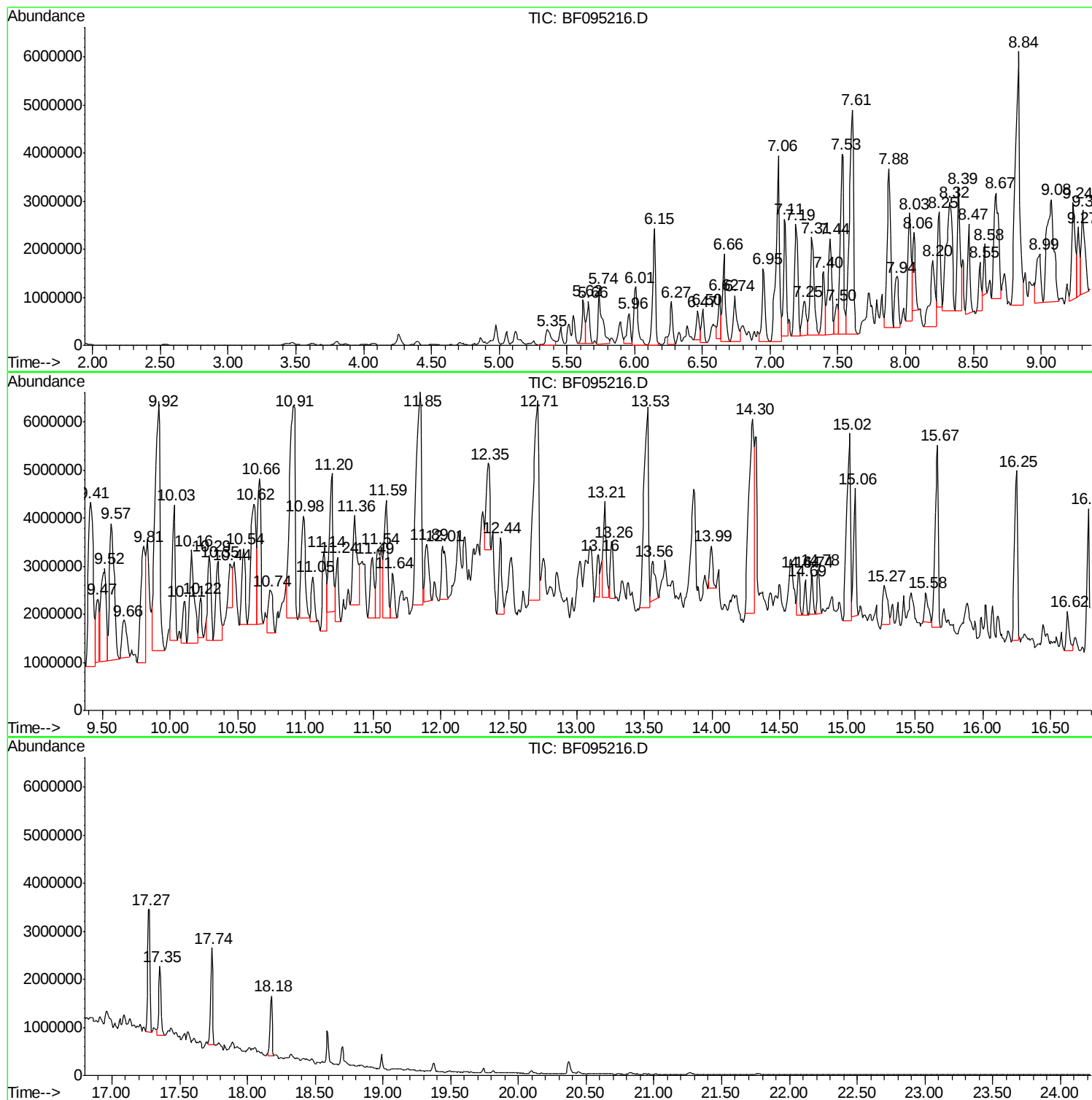
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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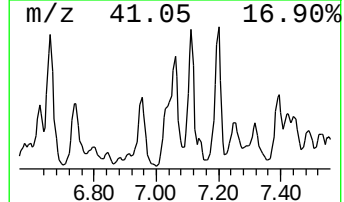
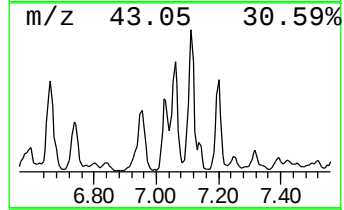
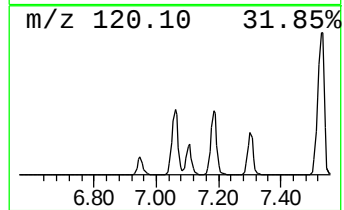
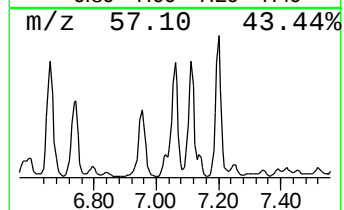
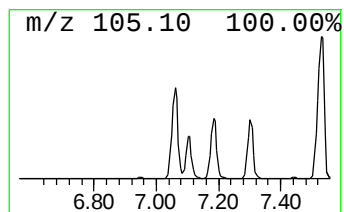
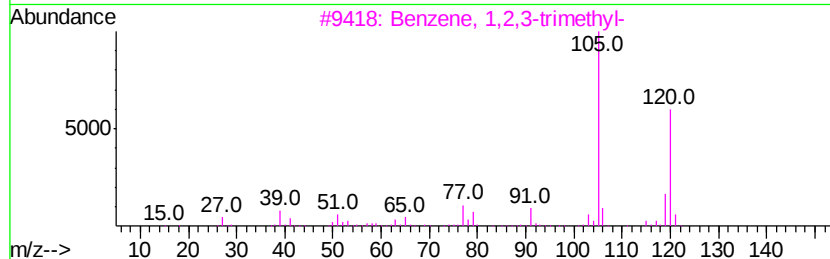
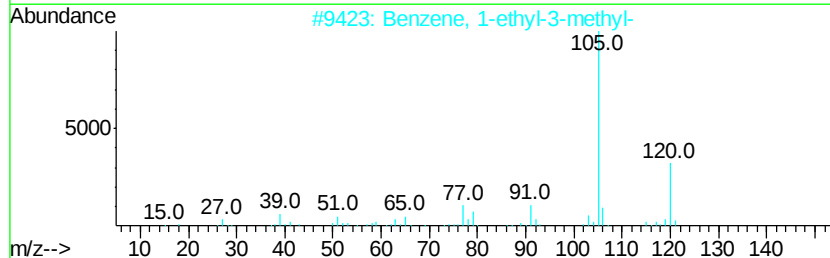
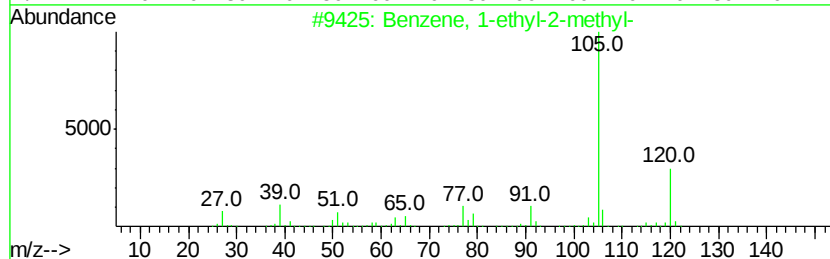
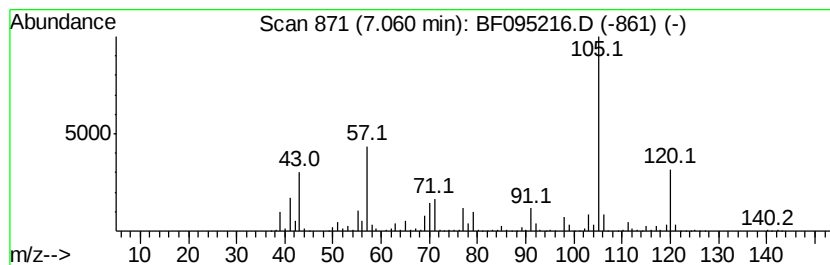
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	24.56 ng	7334330	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4		Mesitylene	120	C9H12	000108-67-8	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



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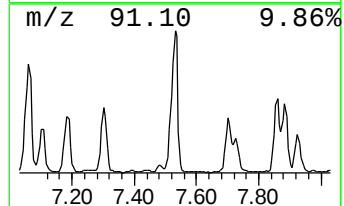
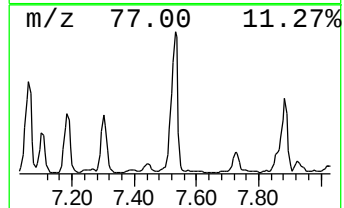
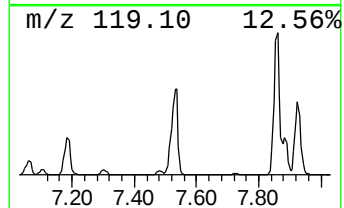
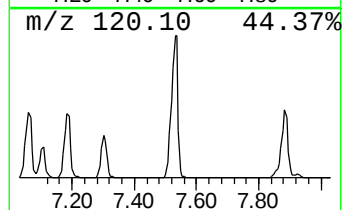
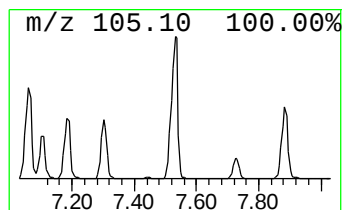
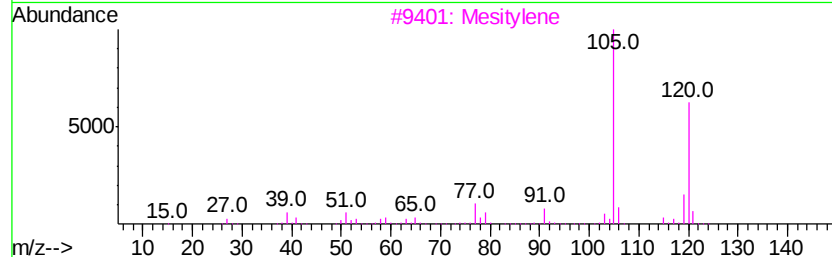
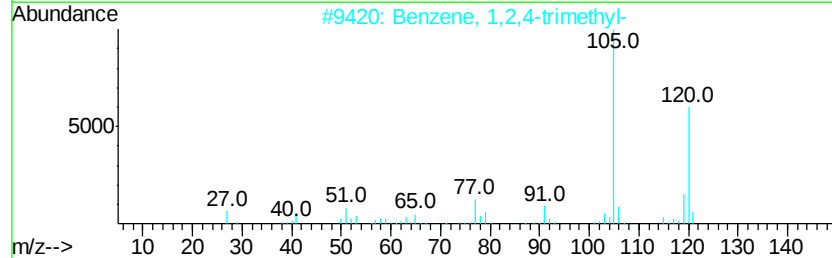
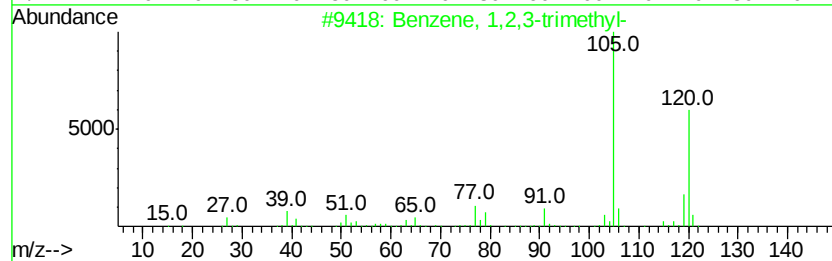
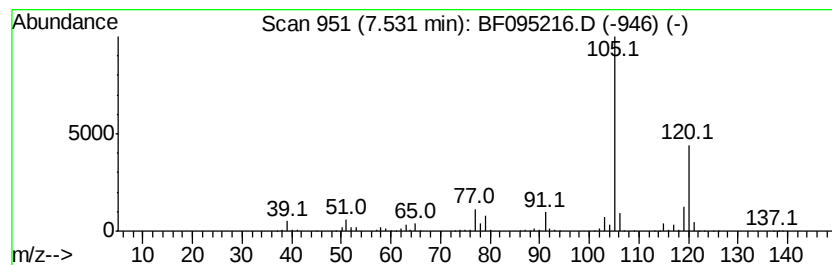
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	20.07 ng	5993130	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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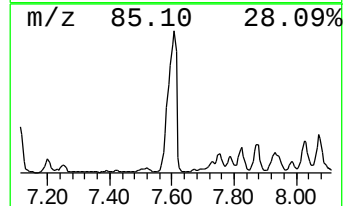
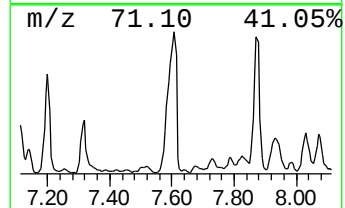
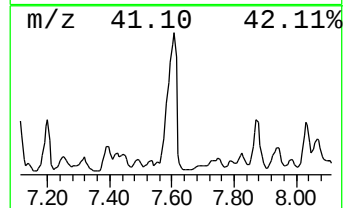
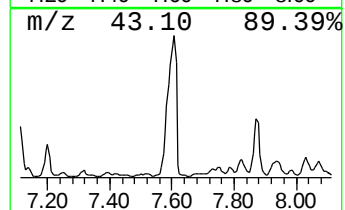
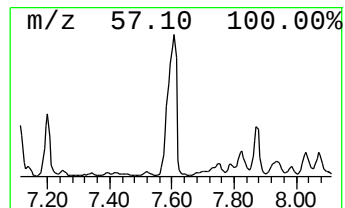
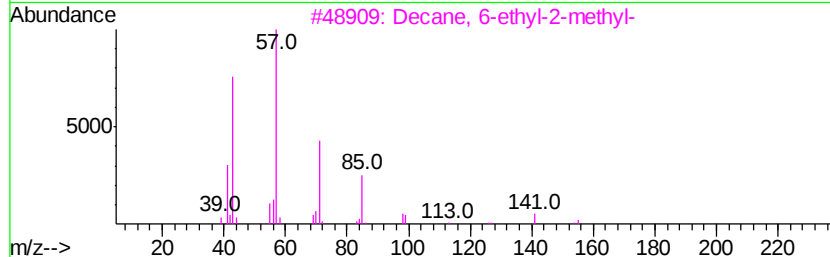
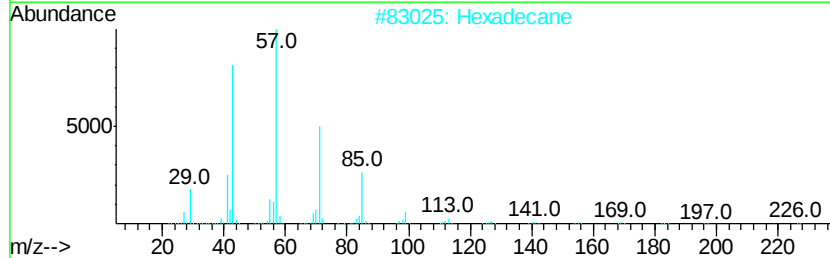
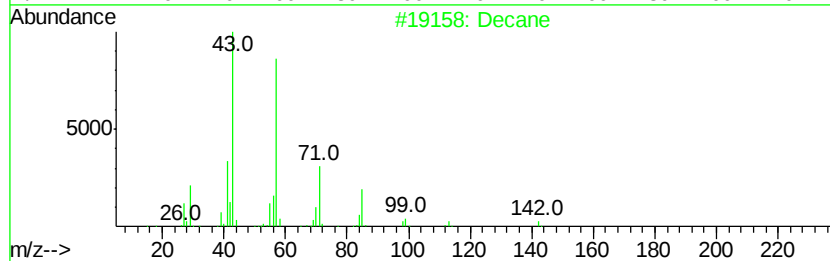
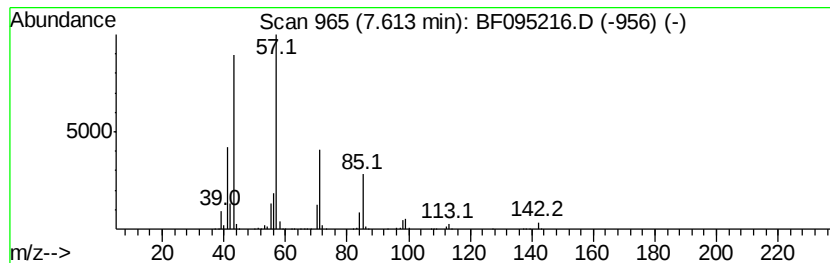
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	31.93 ng	9534430	1,4-Dichlorobenzene-d4	7.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	93
2	Hexadecane		226	C16H34	000544-76-3	86
3	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	83
4	Nonane		128	C9H20	000111-84-2	80
5	Hexatriacontane		507	C36H74	000630-06-8	78



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Operator : SJ/MA
Sample : I3192-04
Misc :
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ClientSampleId :
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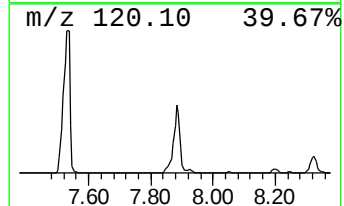
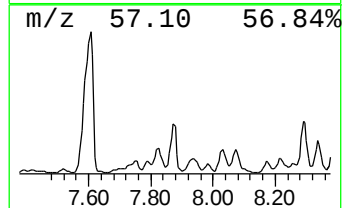
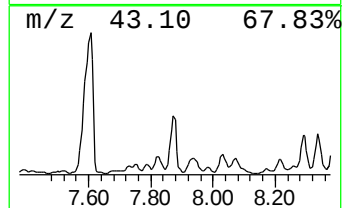
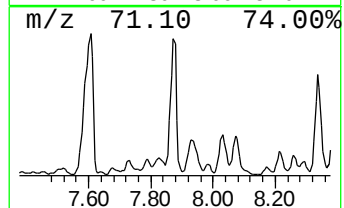
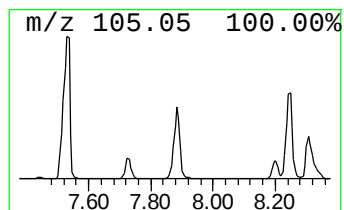
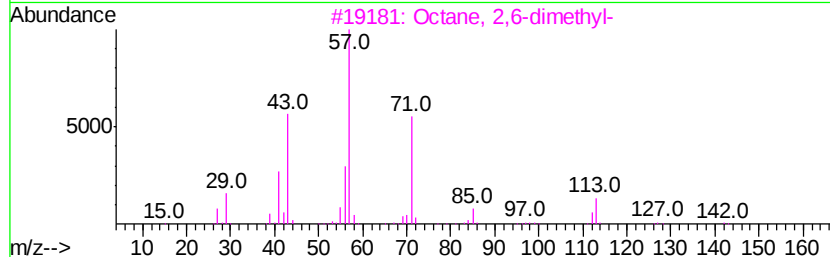
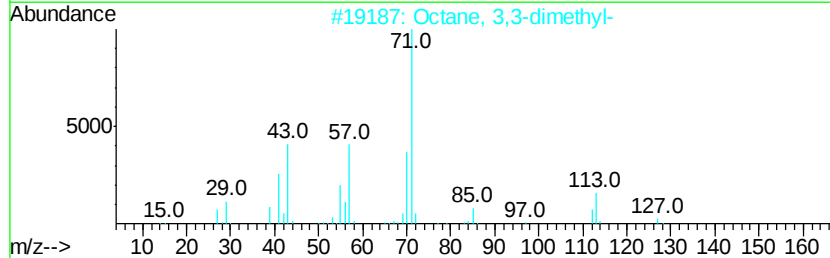
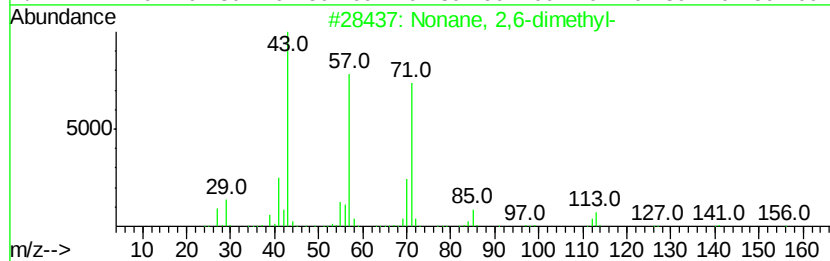
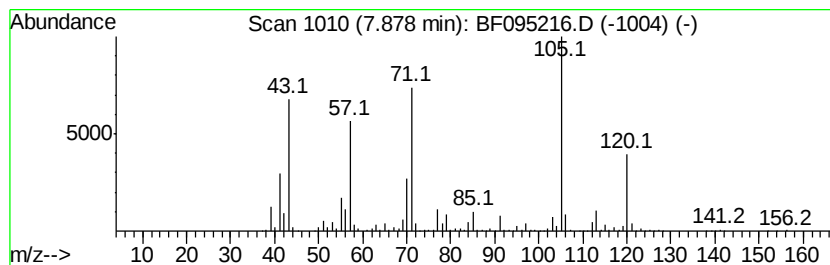
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.88 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	20.00 ng	5971630	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	49
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
4		Octane, 3-ethyl-	142	C10H22	005881-17-4	43
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38



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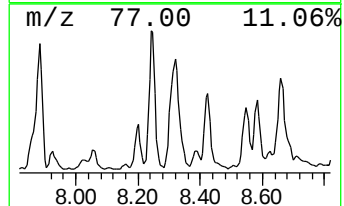
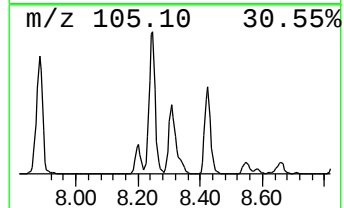
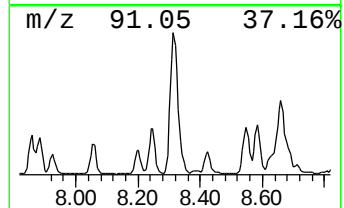
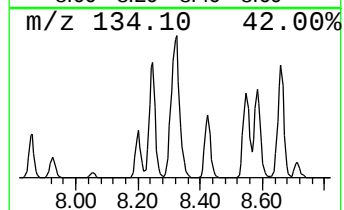
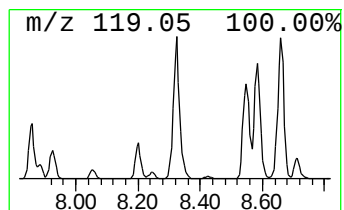
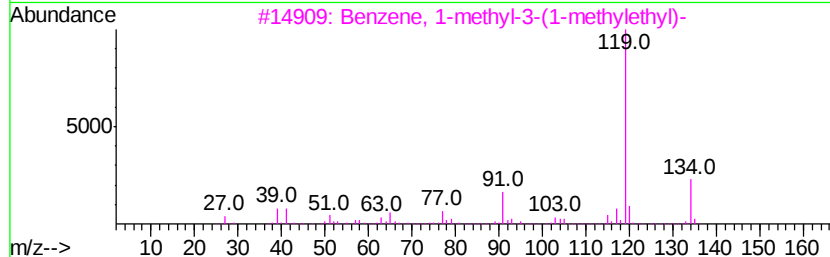
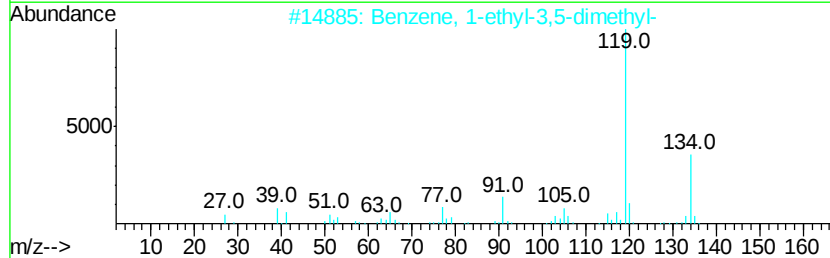
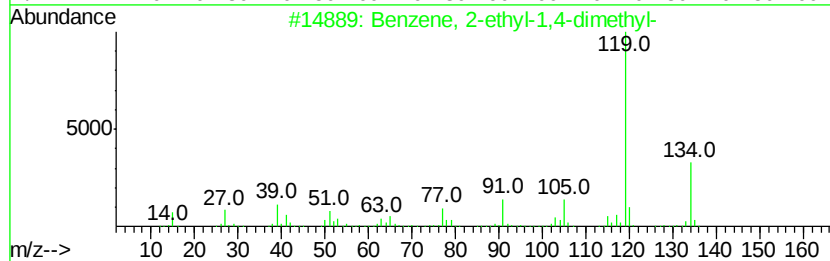
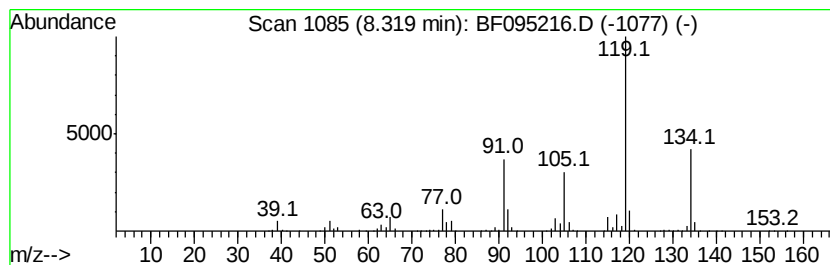
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	22.63 ng	6757900	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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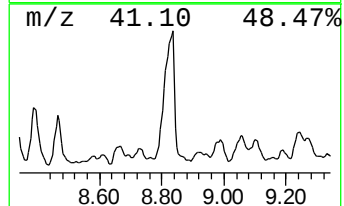
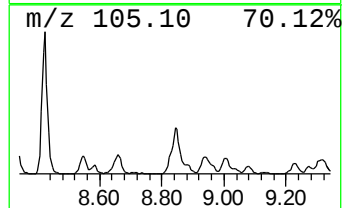
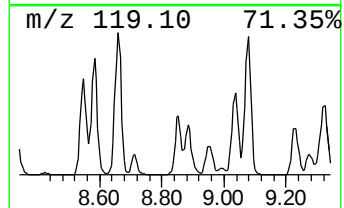
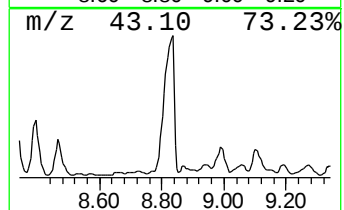
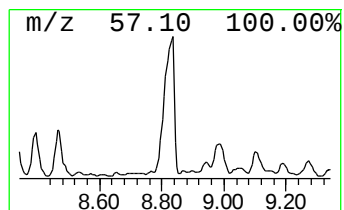
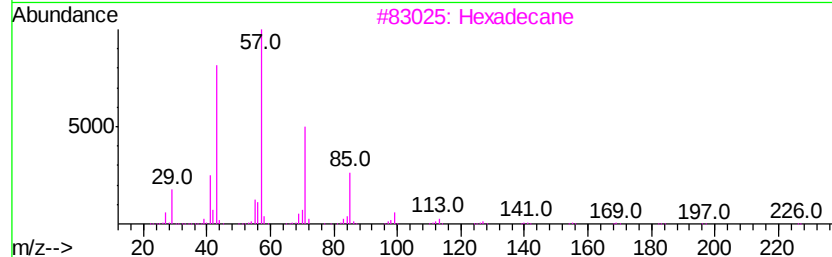
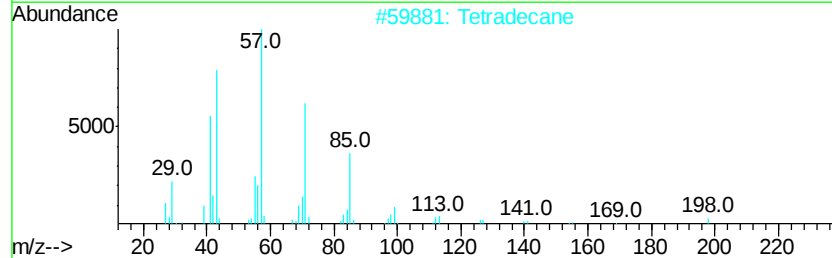
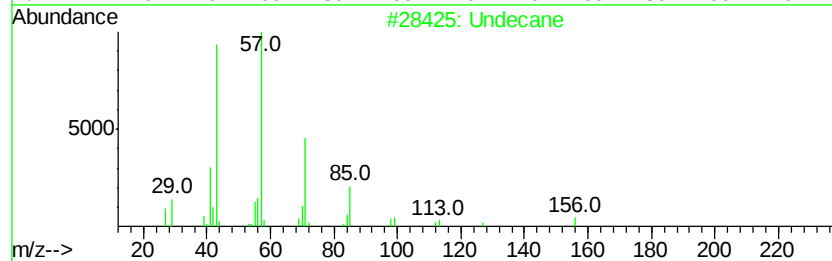
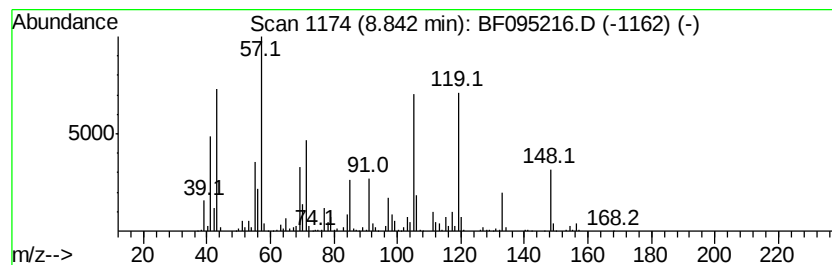
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	42.34 ng	12420500	Naphthalene-d8	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	87
2	Tetradecane	198 C14H30	000629-59-4	80
3	Hexadecane	226 C16H34	000544-76-3	72
4	Tridecane	184 C13H28	000629-50-5	64
5	Tritetracontane	605 C43H88	007098-21-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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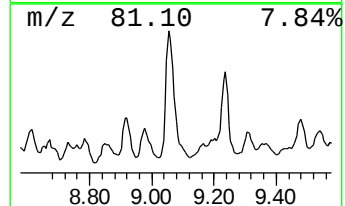
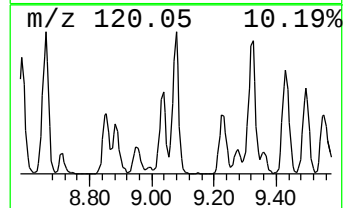
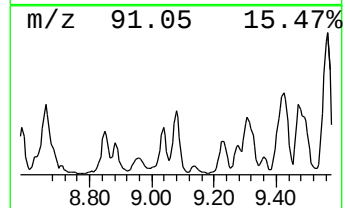
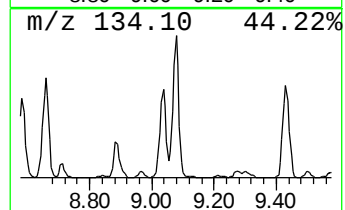
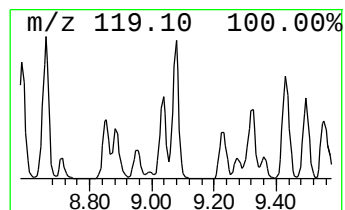
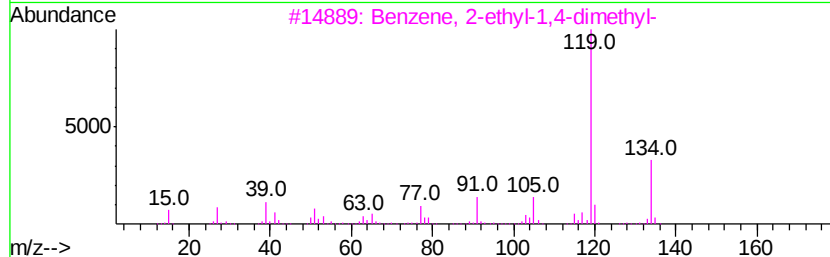
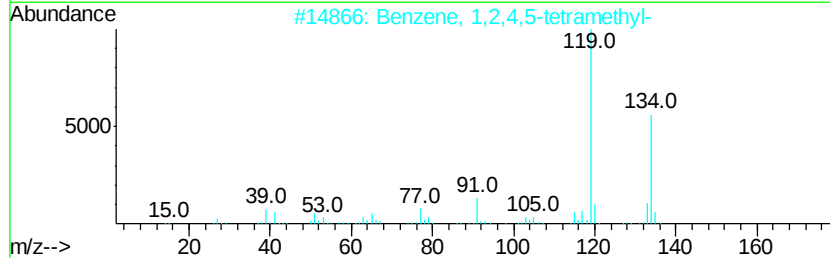
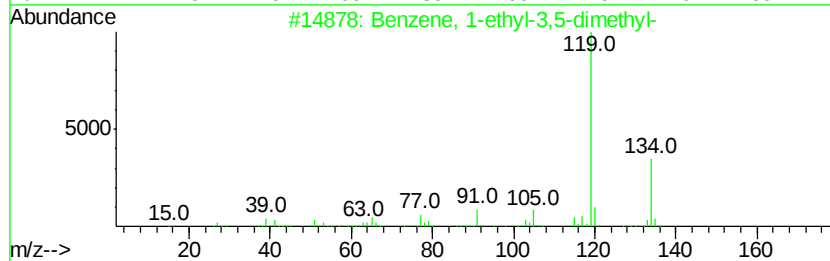
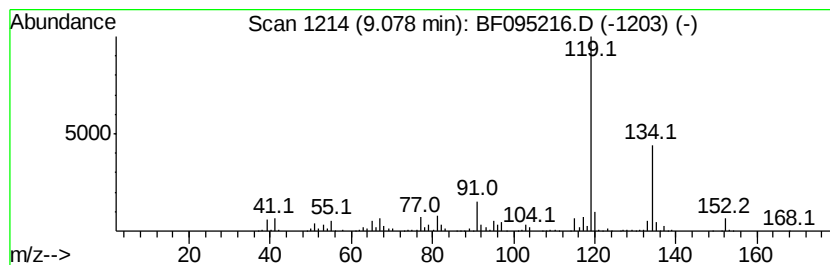
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	26.65 ng	7816060	Napthalene-d8	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
Data File : BF095216.D
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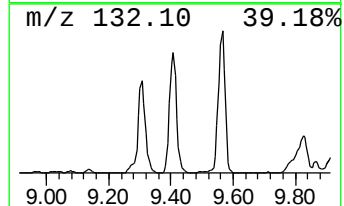
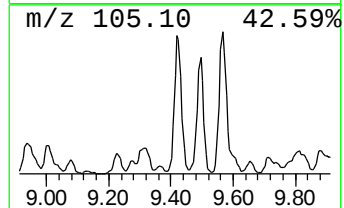
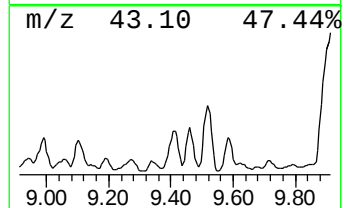
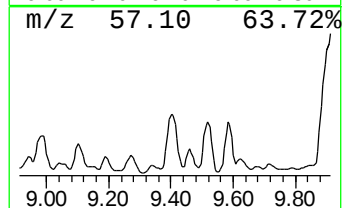
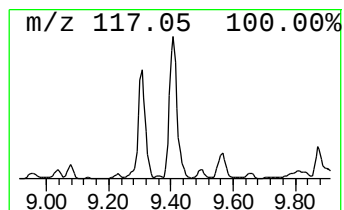
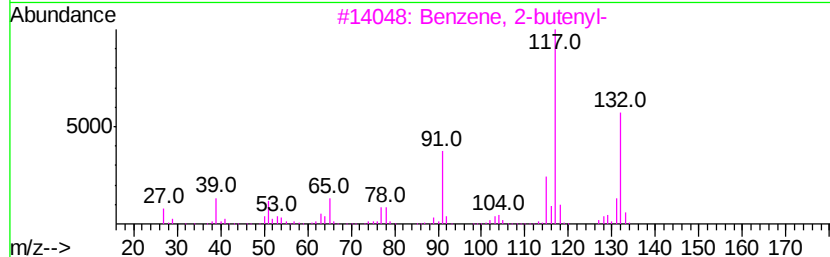
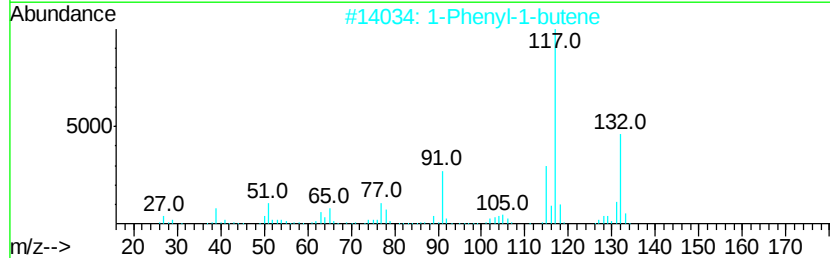
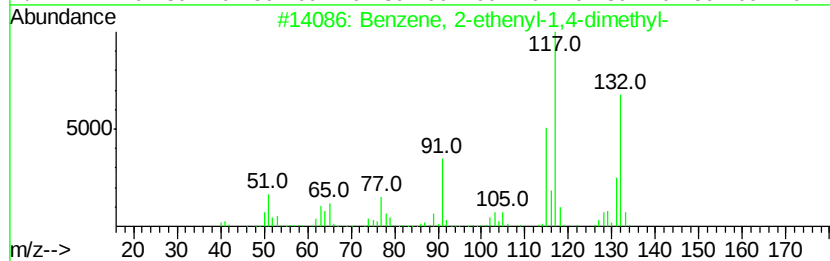
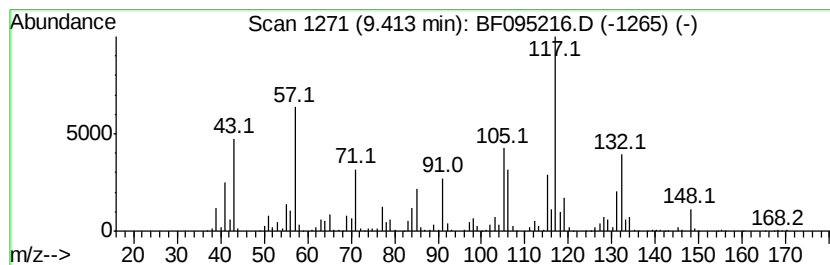
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	29.88 ng	8766040	Naphthalene-d8	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	92
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	90
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87



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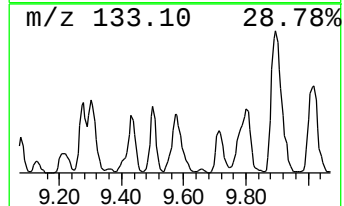
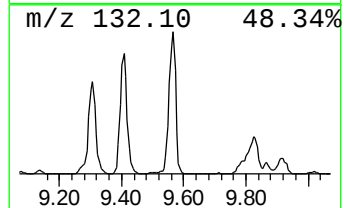
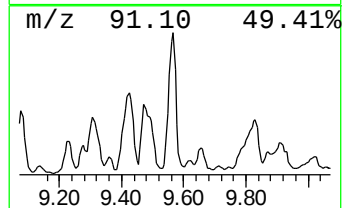
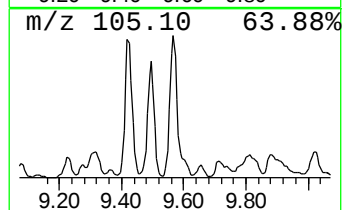
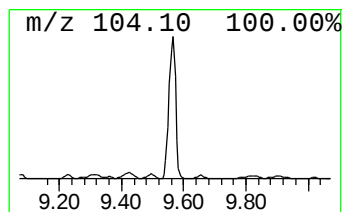
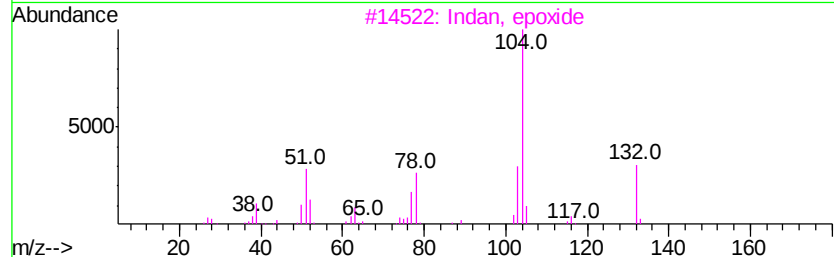
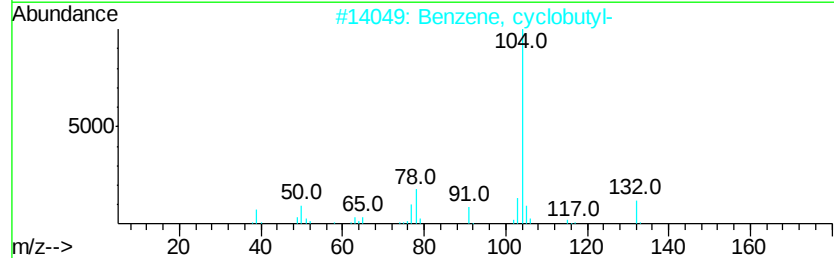
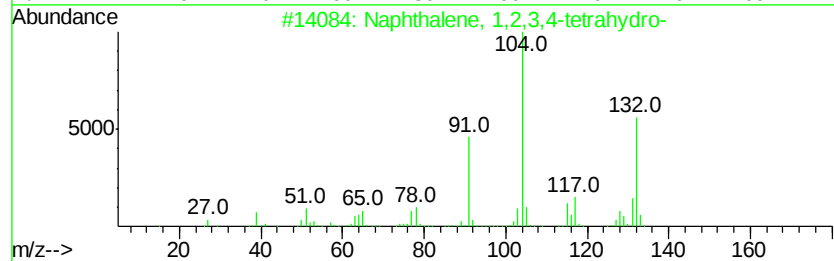
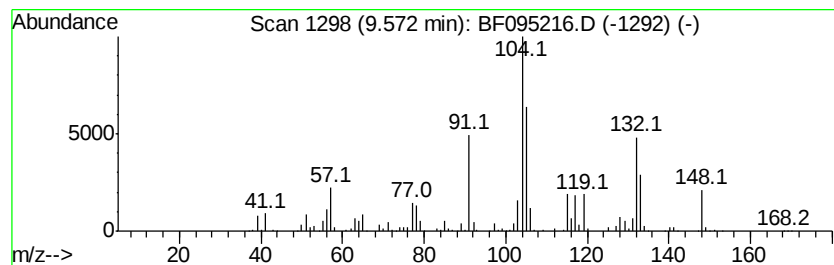
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	23.71 ng	6956280	Naphthalene-d8	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
2		Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
3		Indan, epoxide	132	C9H8O	000768-22-9	49
4		2-Methylbenzyl alcohol, pentaflu...	268	C11H9F5O2	1000364-54-1	38
5		m-Toluic acid, 2-phenylethyl ester	240	C16H16O2	006641-74-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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Operator : SJ/MA
Sample : I3192-04
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ALS Vial : 28 Sample Multiplier: 1

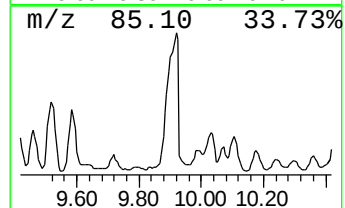
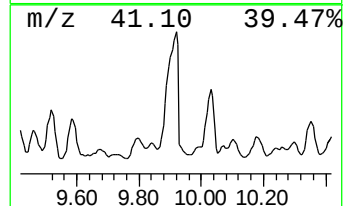
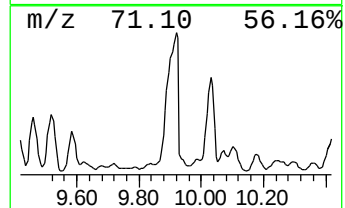
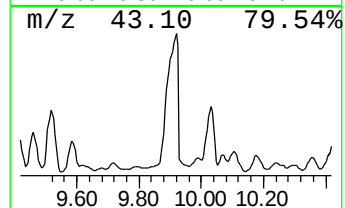
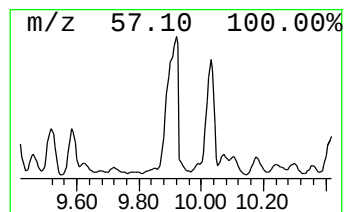
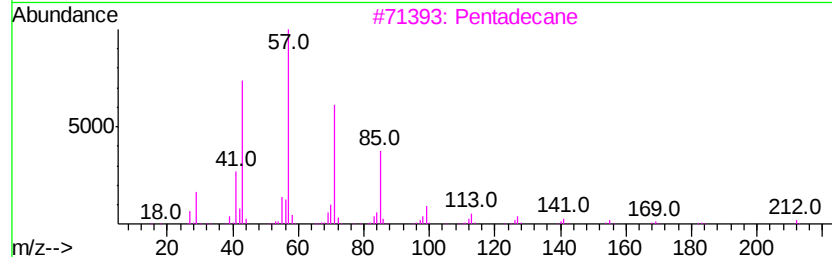
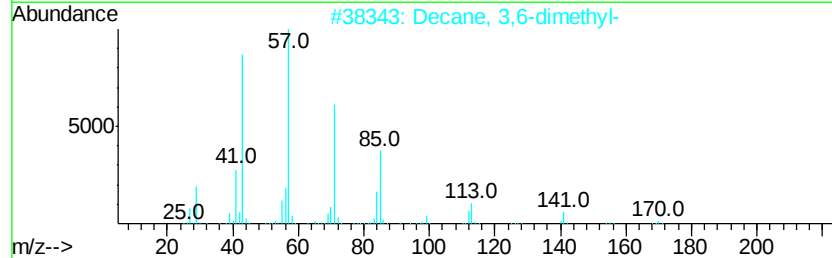
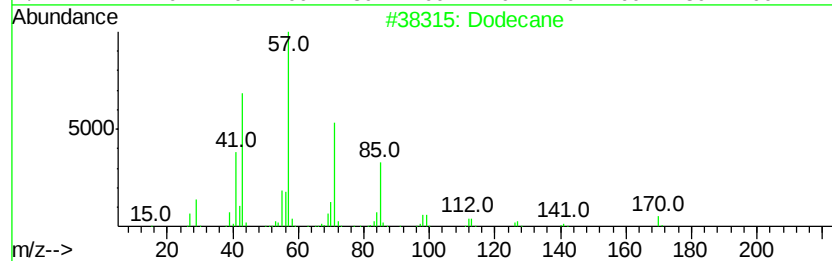
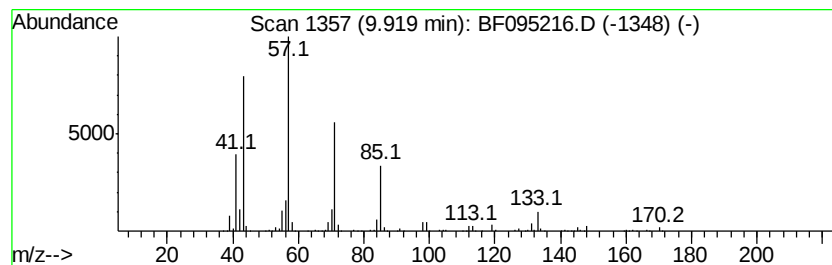
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.92	46.22 ng	13556700	Naphthalene-d8	9.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	81
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	68
3	Pentadecane		212	C15H32	000629-62-9	64
4	Tetradecane		198	C14H30	000629-59-4	64
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095216.D
Acq On : 18 May 2017 9:44
Operator : SJ/MA
Sample : I3192-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

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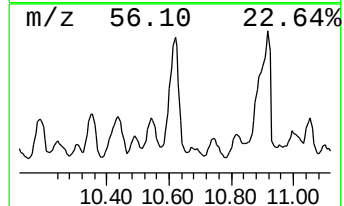
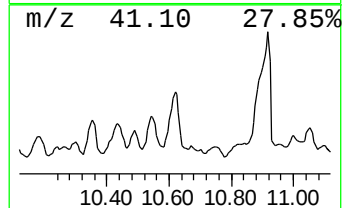
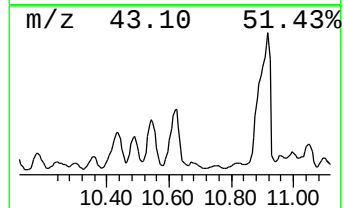
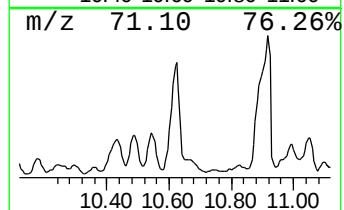
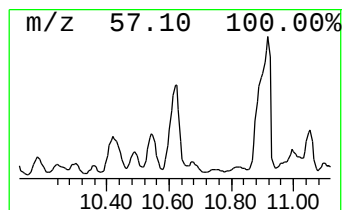
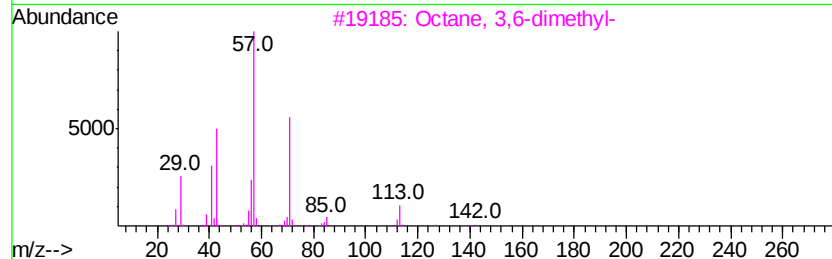
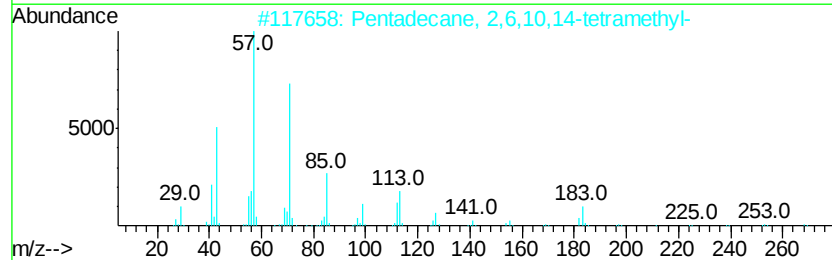
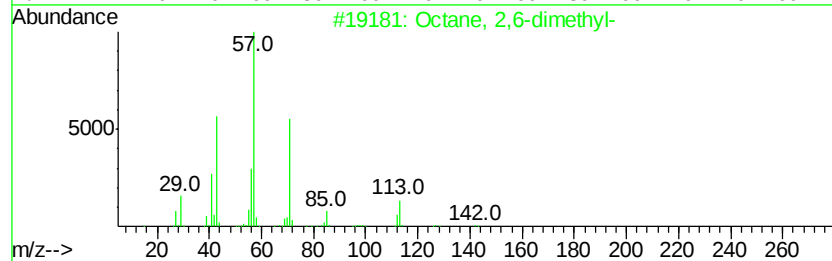
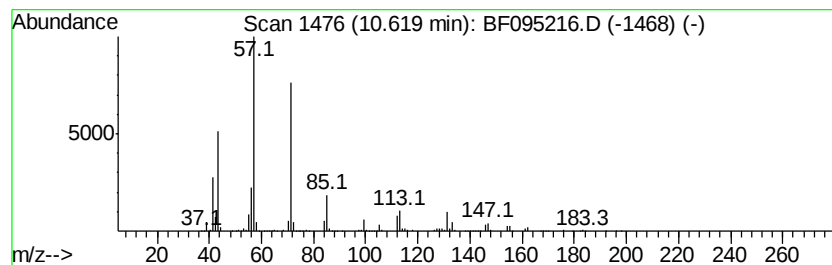
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	22.37 ng	6561150	Naphthalene-d8	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
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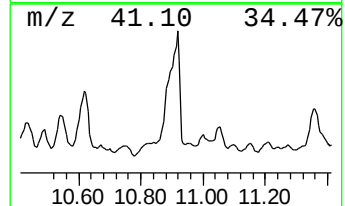
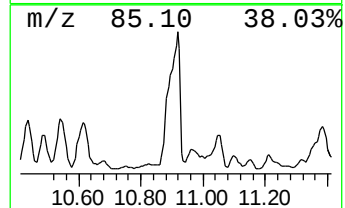
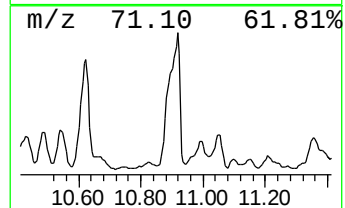
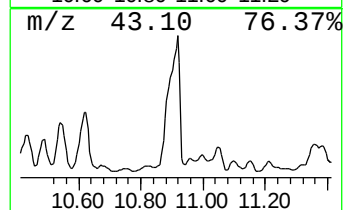
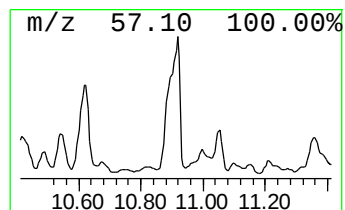
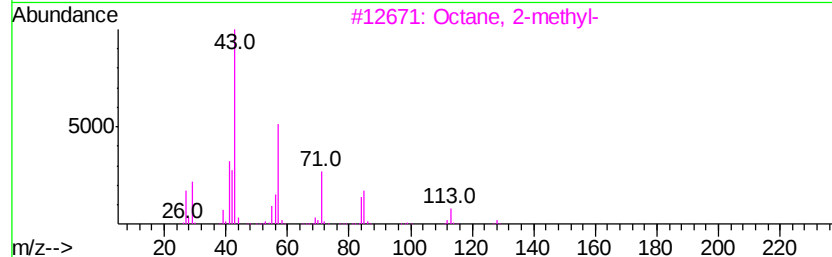
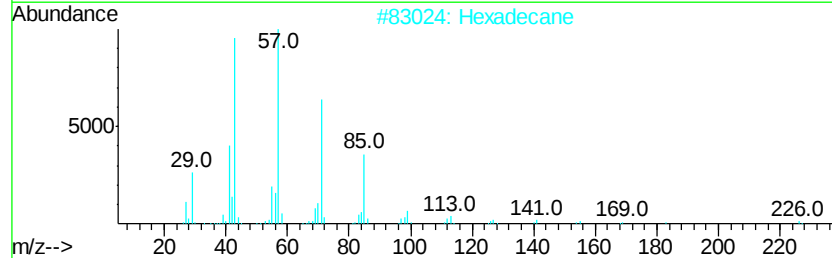
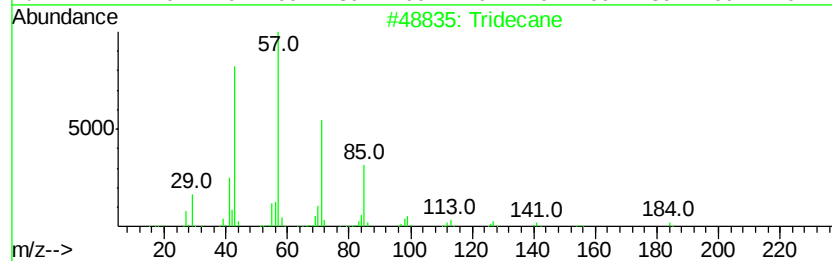
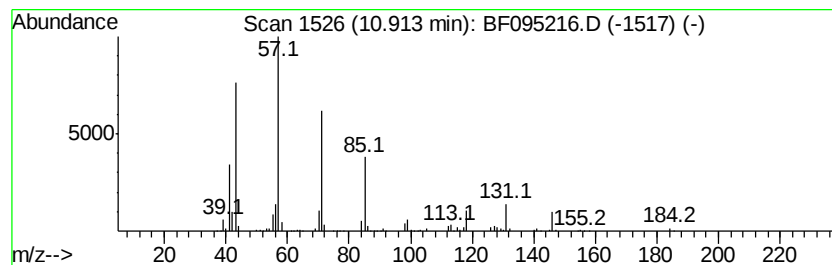
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.91	43.79 ng	12843900	Naphthalene-d8	9.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	49
3	Octane, 2-methyl-	128	C9H20	003221-61-2	47
4	Tetradecane	198	C14H30	000629-59-4	46
5	Nonadecane	268	C19H40	000629-92-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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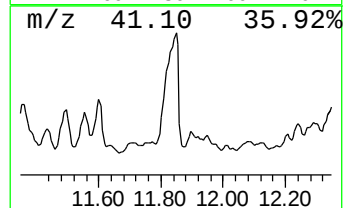
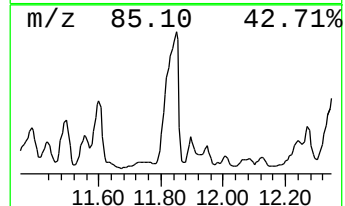
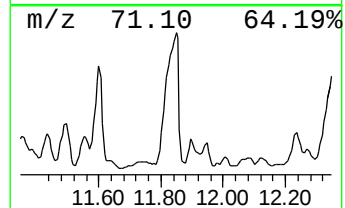
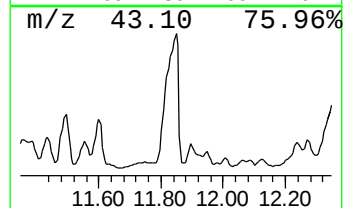
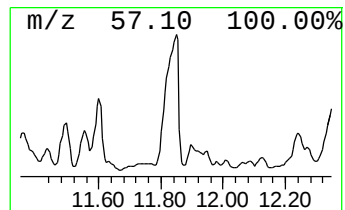
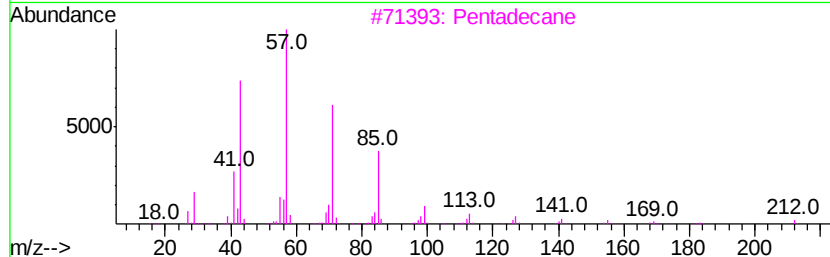
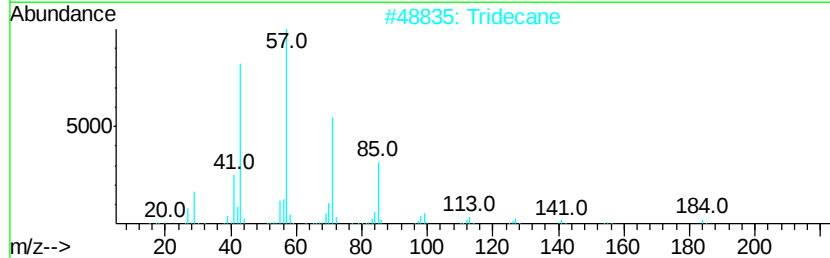
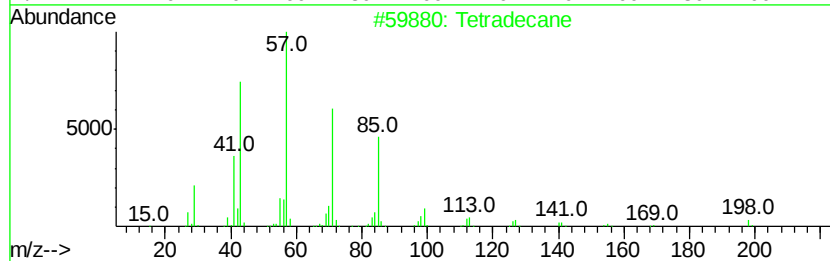
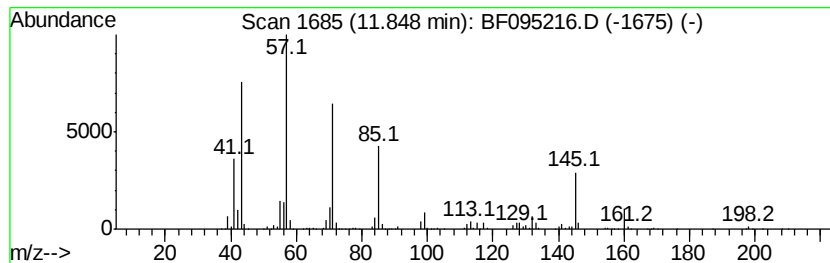
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	22.05 ng	12104900	Acenaphthene-d10	12.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 96
2		Tridecane	184 C13H28	000629-50-5 52
3		Pentadecane	212 C15H32	000629-62-9 52
4		Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7 50
5		Hexadecane	226 C16H34	000544-76-3 50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095216.D
Acq On : 18 May 2017 9:44
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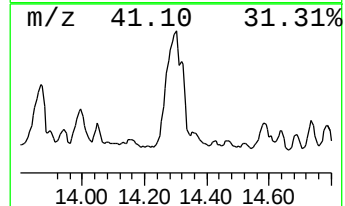
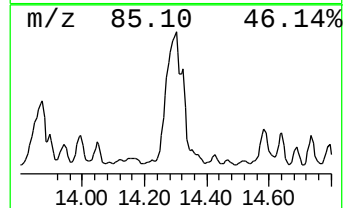
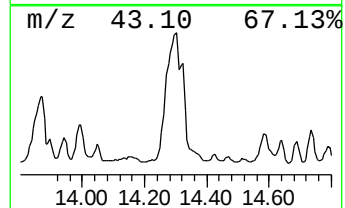
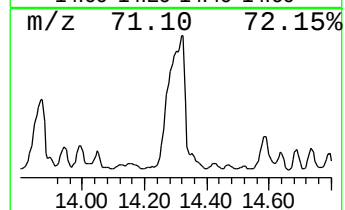
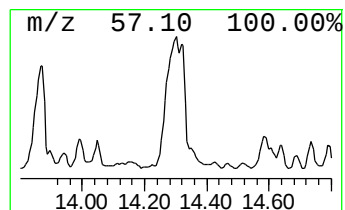
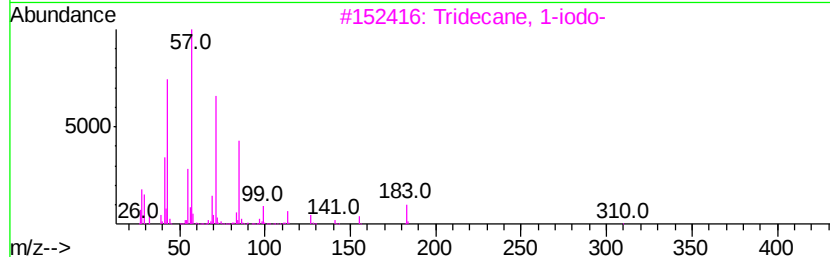
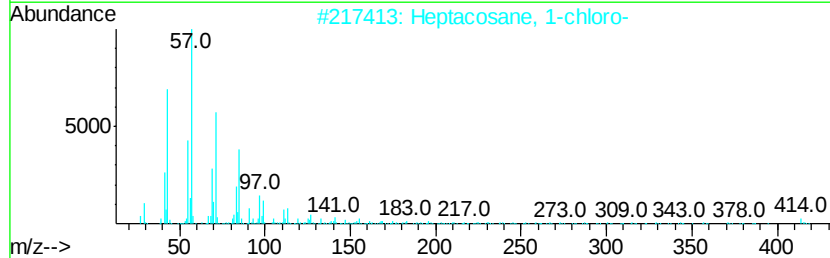
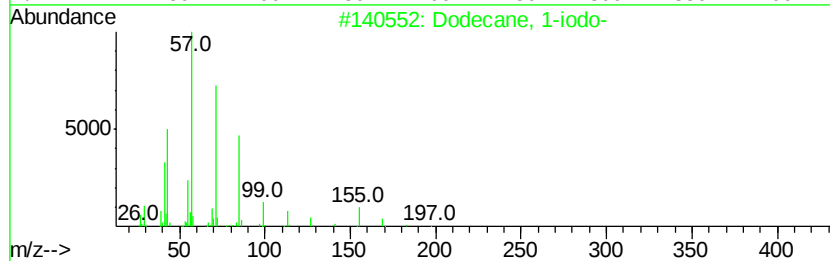
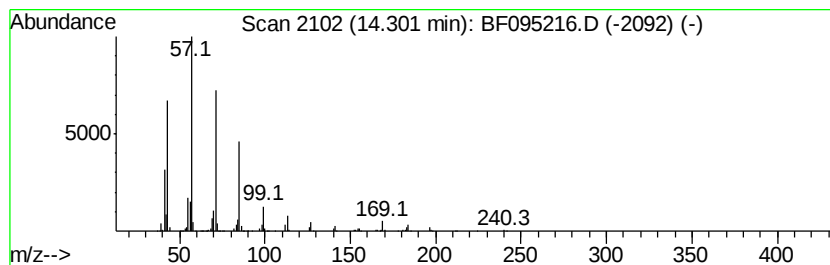
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	59.74 ng	11224300	Phenanthrene-d10	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
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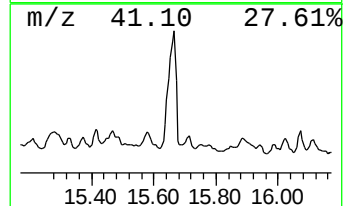
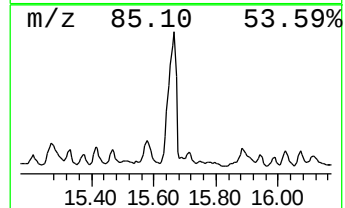
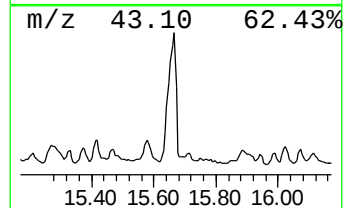
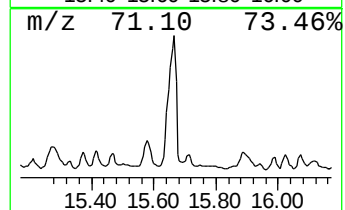
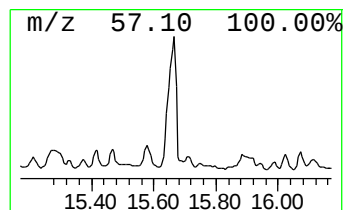
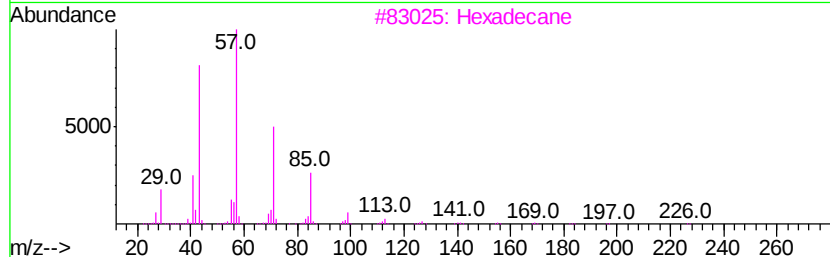
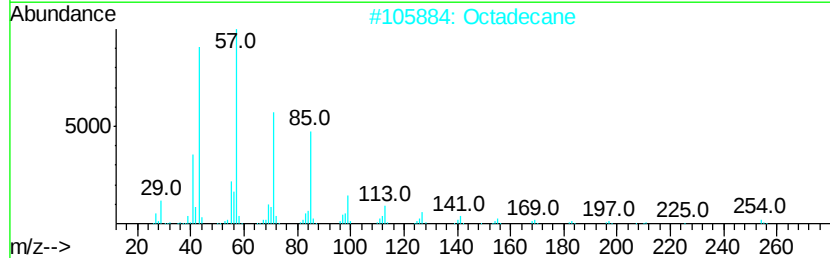
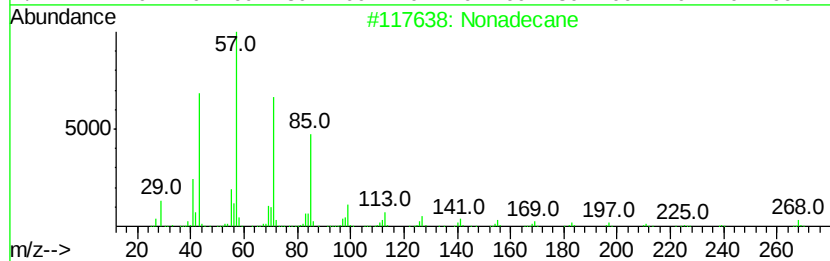
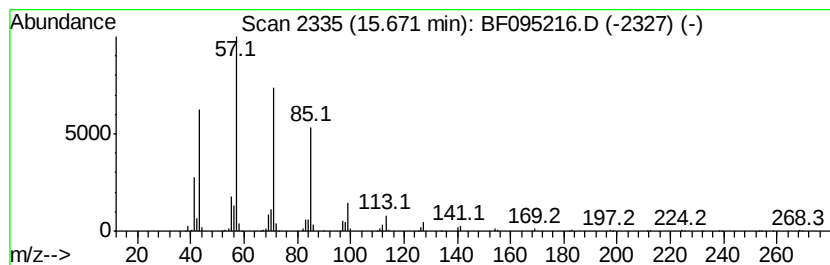
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	33.48 ng	6291510	Phenanthrene-d10	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095216.D
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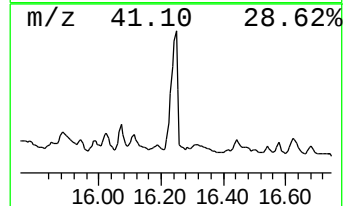
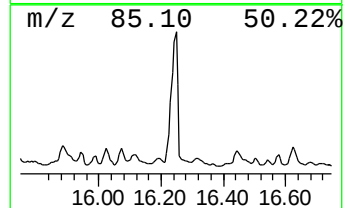
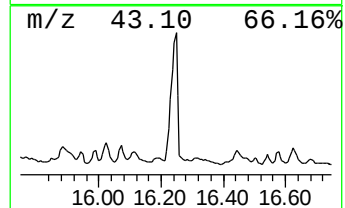
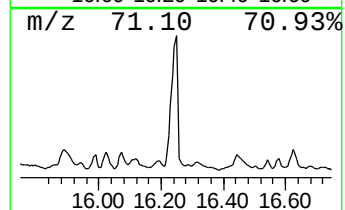
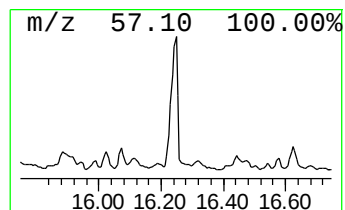
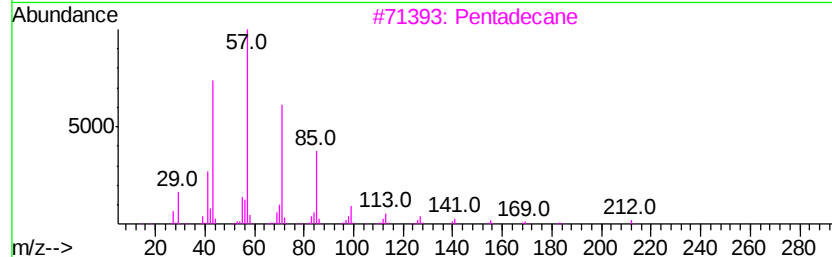
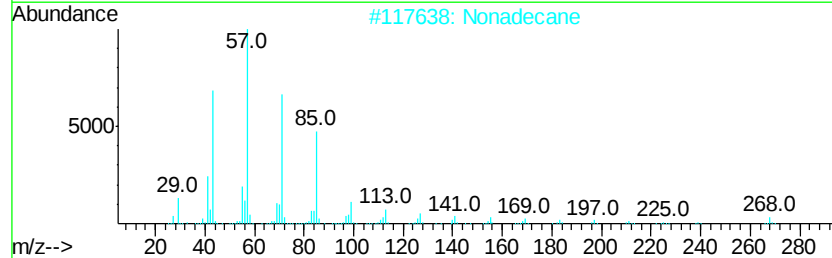
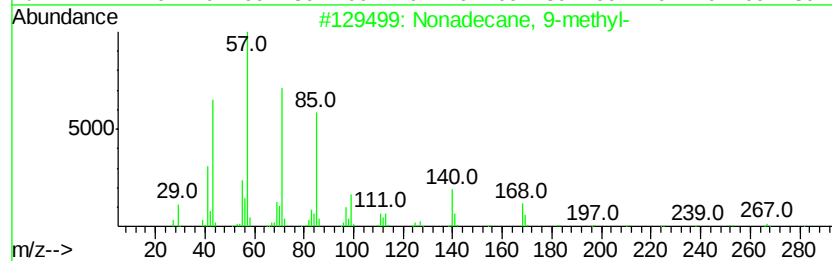
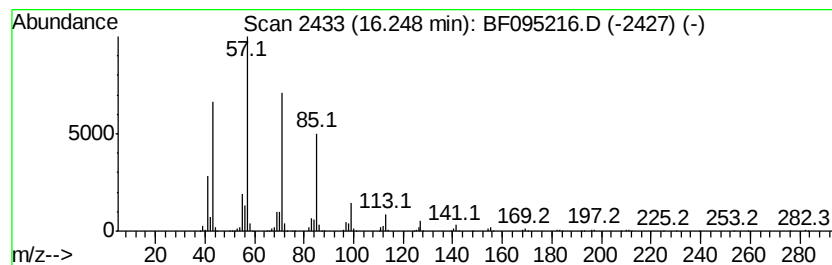
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	26.85 ng	5045780	Phenanthrene-d10	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90



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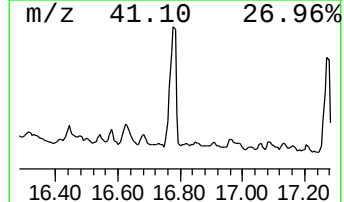
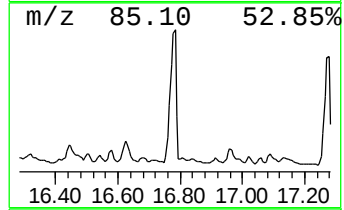
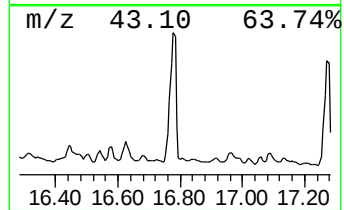
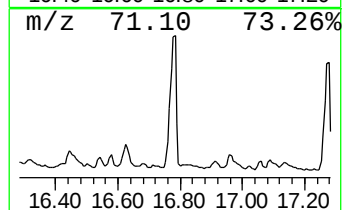
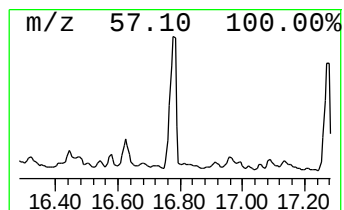
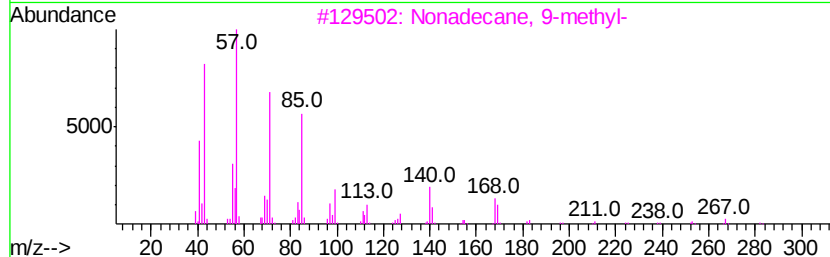
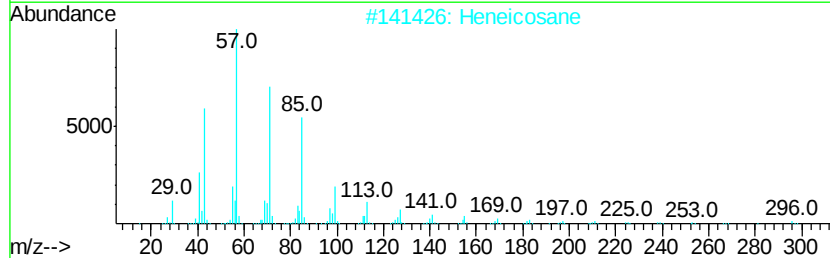
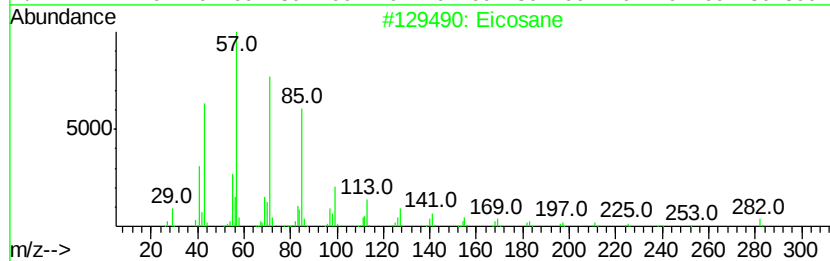
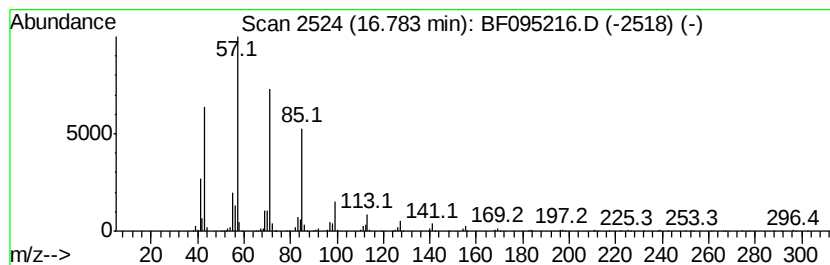
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	21.58 ng	4055480	Phenanthrene-d10	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	94
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
4		1-Iodoundecane	282	C11H23I	004282-44-4	93
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
Data File : BF095216.D
Acq On : 18 May 2017 9:44
Operator : SJ/MA
Sample : I3192-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
051617-04

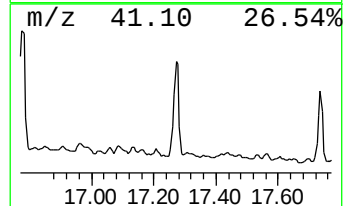
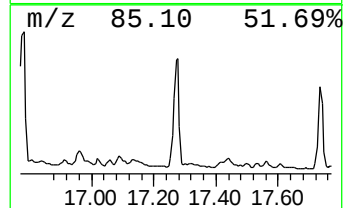
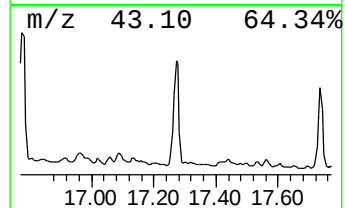
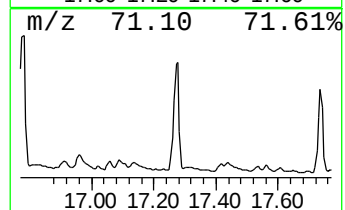
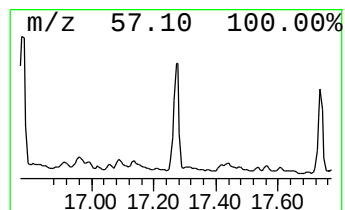
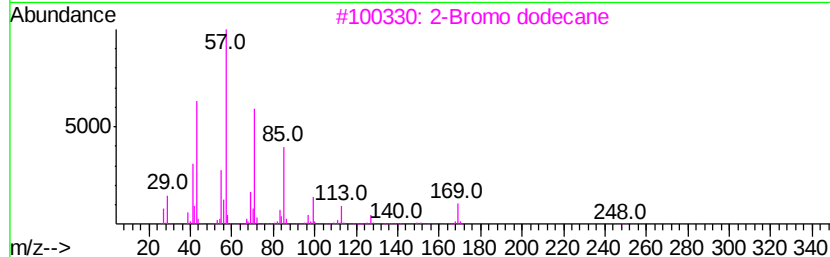
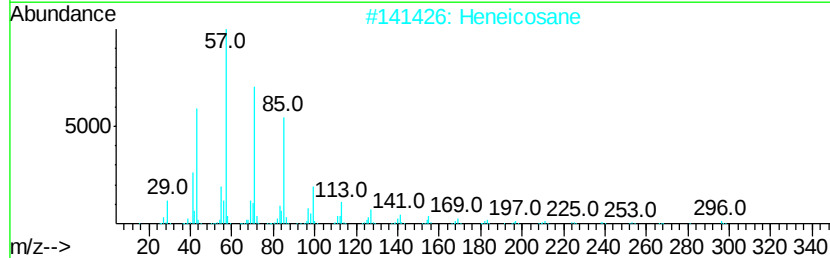
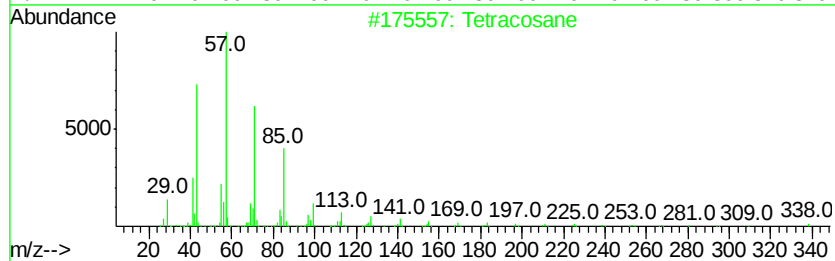
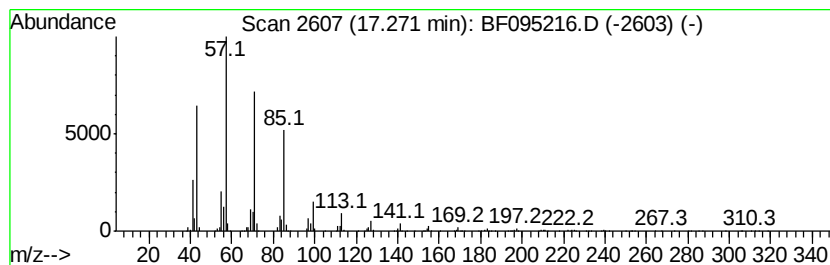
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	46.36 ng	3021030	Chrysene-d12	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
Data File : BF095216.D
Acq On : 18 May 2017 9:44
Operator : SJ/MA
Sample : I3192-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
051617-04

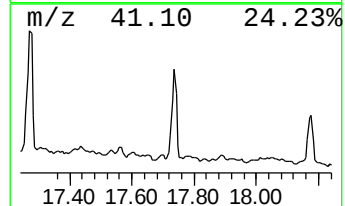
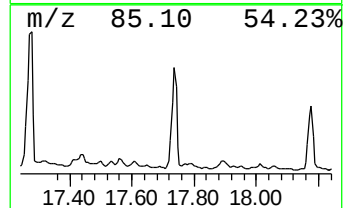
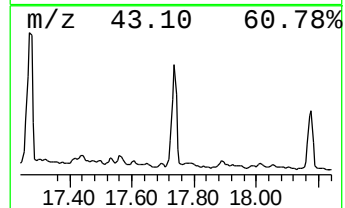
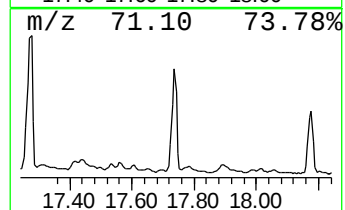
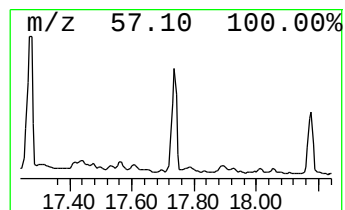
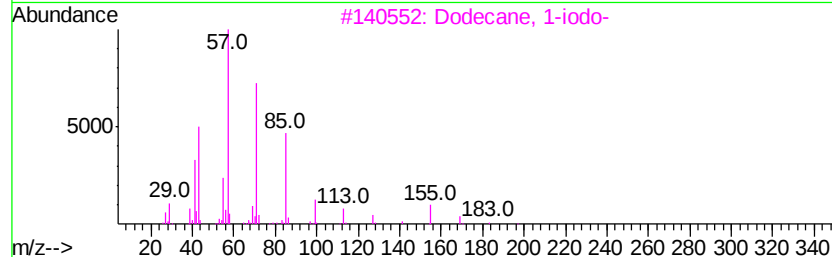
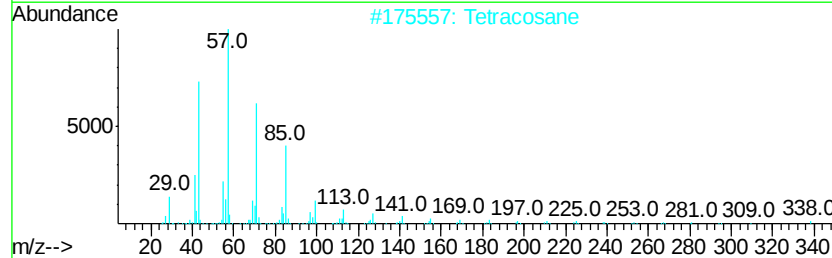
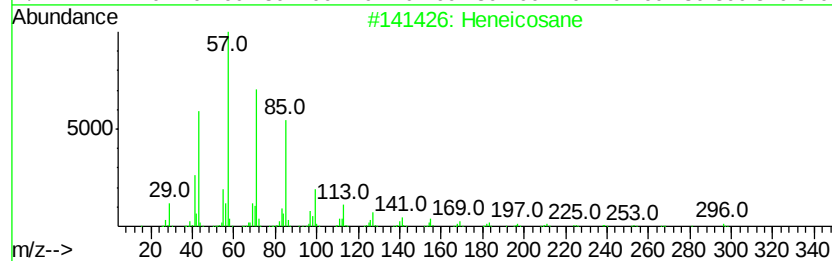
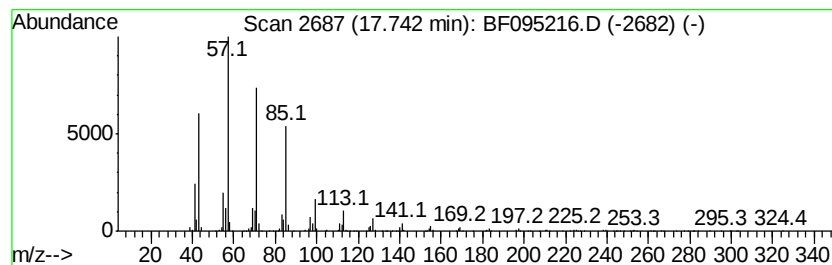
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	31.96 ng	2082620	Chrysene-d12	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heptacosane	380	C27H56	000593-49-7	83
5		Octadecane	254	C18H38	000593-45-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051717\
 Data File : BF095216.D
 Acq On : 18 May 2017 9:44
 Operator : SJ/MA
 Sample : I3192-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-04

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
Benzene, 1-ethyl-...	7.06	24.6	ng	7334330	1	7.78	5971630	20.0
Benzene, 1,2,3-tr...	7.53	20.1	ng	5993130	1	7.78	5971630	20.0
Decane	7.61	31.9	ng	9534430	1	7.78	5971630	20.0
unknown7.88	7.88	20.0	ng	5971630	1	7.78	5971630	20.0
Benzene, 2-ethyl-...	8.32	22.6	ng	6757900	1	7.78	5971630	20.0
Undecane	8.84	42.3	ng	12420500	2	9.81	5866600	20.0
Benzene, 1-ethyl-...	9.08	26.6	ng	7816060	2	9.81	5866600	20.0
Benzene, 2-etheny...	9.41	29.9	ng	8766040	2	9.81	5866600	20.0
Naphthalene, 1,2,...	9.57	23.7	ng	6956280	2	9.81	5866600	20.0
Dodecane	9.92	46.2	ng	13556700	2	9.81	5866600	20.0
Octane, 2,6-dimet...	10.62	22.4	ng	6561150	2	9.81	5866600	20.0
Tridecane	10.91	43.8	ng	12843900	2	9.81	5866600	20.0
Tetradecane	11.85	22.1	ng	12104900	3	12.66	10977900	20.0
Dodecane, 1-iodo-	14.30	59.7	ng	11224300	4	15.06	3757920	20.0
Nonadecane	15.67	33.5	ng	6291510	4	15.06	3757920	20.0
Nonadecane, 9-met...	16.25	26.9	ng	5045780	4	15.06	3757920	20.0
Eicosane	16.78	21.6	ng	4055480	4	15.06	3757920	20.0
Tetracosane	17.27	46.4	ng	3021030	5	18.70	1303410	20.0
Heneicosane	17.74	32.0	ng	2082620	5	18.70	1303410	20.0