

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096824.D
 Acq On : 17 Jul 2017 17:27
 Operator : SJ/JU
 Sample : I4203-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02A

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-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.904	148	156	164	rBV	225185	550277	10.40%	0.420%
2	4.792	472	477	486	rBV3	243408	441334	8.34%	0.336%
3	5.228	547	551	557	rVV	2744038	2862659	54.10%	2.182%
4	5.628	611	619	623	rVB3	249273	326559	6.17%	0.249%
5	5.763	637	642	647	rVB3	396420	501549	9.48%	0.382%
6	5.869	656	660	666	rVB	1012324	1248163	23.59%	0.952%
7	5.928	666	670	672	rBV	417517	472327	8.93%	0.360%
8	6.063	686	693	699	rBV3	416712	709155	13.40%	0.541%
9	6.145	699	707	709	rBV3	458371	577975	10.92%	0.441%
10	6.269	723	728	734	rVB	2629907	3156751	59.66%	2.407%
11	6.363	739	744	745	rBV2	493902	607735	11.49%	0.463%
12	6.386	745	748	752	rVB	2734508	2941009	55.59%	2.242%
13	6.481	759	764	766	rVB3	252781	338418	6.40%	0.258%
14	6.575	774	780	782	rBV4	404347	632169	11.95%	0.482%
15	6.616	782	787	790	rVB2	866794	941555	17.80%	0.718%
16	6.645	790	792	795	rVB2	397633	333137	6.30%	0.254%
17	6.686	795	799	802	rBV	510898	700077	13.23%	0.534%
18	6.775	810	814	819	rVV2	2377833	2667389	50.41%	2.034%
19	6.869	827	830	832	rBV2	475342	533591	10.08%	0.407%
20	6.892	832	834	840	rVB3	554604	685250	12.95%	0.522%
21	6.945	840	843	845	rBV	410807	373650	7.06%	0.285%
22	6.986	845	850	852	rBV5	182107	300296	5.68%	0.229%
23	7.010	852	854	857	rVB	655246	579488	10.95%	0.442%
24	7.045	857	860	862	rBV3	295952	354291	6.70%	0.270%
25	7.163	873	880	881	rBV3	1795902	2434048	46.00%	1.856%
26	7.181	881	883	886	rVB2	1573417	1310213	24.76%	0.999%
27	7.269	894	898	903	rBV3	930343	1513562	28.61%	1.154%
28	7.322	903	907	908	rBV2	447140	560440	10.59%	0.427%
29	7.339	908	910	913	rVB2	457773	427046	8.07%	0.326%
30	7.392	914	919	922	rBV2	807944	1018431	19.25%	0.776%
31	7.428	922	925	930	rVB3	1312656	1572620	29.72%	1.199%
32	7.469	930	932	934	rBV	411922	396638	7.50%	0.302%
33	7.533	937	943	947	rBV5	1155975	2785307	52.64%	2.123%
34	7.645	957	962	964	rBV2	1286940	1518402	28.70%	1.158%

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35	7.681	964	968	972	rVB4	791562	1159928	21.92%	0.884%
36	7.733	972	977	981	rBV5	902815	1387140	26.22%	1.058%
37	7.781	981	985	987	rBV	860675	993861	18.78%	0.758%
38	7.804	987	989	993	rVB4	560251	737927	13.95%	0.563%
39	7.851	994	997	998	rBV2	584015	505499	9.55%	0.385%
40	7.869	998	1000	1001	rVV	900042	659855	12.47%	0.503%
41	7.898	1001	1005	1008	rVV2	2148321	2855463	53.97%	2.177%
42	7.928	1008	1010	1011	rVV	865519	663004	12.53%	0.505%
43	7.951	1012	1014	1017	rVV3	1028048	1095795	20.71%	0.835%
44	7.986	1017	1020	1026	rVB3	1404601	1634723	30.90%	1.246%
45	8.033	1026	1028	1031	rVB4	688933	685981	12.97%	0.523%
46	8.104	1031	1040	1041	rBV3	1477461	2891650	54.65%	2.204%
47	8.122	1041	1043	1045	rVB	821264	599474	11.33%	0.457%
48	8.151	1045	1048	1049	rBV3	483014	372337	7.04%	0.284%
49	8.204	1052	1057	1060	rVB4	1616233	2504087	47.33%	1.909%
50	8.239	1060	1063	1065	rBV	562811	575213	10.87%	0.439%
51	8.269	1065	1068	1070	rBV3	557632	683742	12.92%	0.521%
52	8.292	1070	1072	1077	rVB2	1195363	1391252	26.29%	1.061%
53	8.351	1077	1082	1085	rBV	3720036	4897358	92.56%	3.734%
54	8.410	1089	1092	1096	rVB2	1724602	1818568	34.37%	1.386%
55	8.457	1097	1100	1102	rBV2	682476	722404	13.65%	0.551%
56	8.563	1116	1118	1122	rVV2	1034254	1275398	24.11%	0.972%
57	8.616	1122	1127	1130	rVB3	2309557	3486947	65.90%	2.658%
58	8.716	1141	1144	1146	rBV2	1443730	1787708	33.79%	1.363%
59	8.798	1155	1158	1159	rBV2	805464	762028	14.40%	0.581%
60	8.851	1165	1167	1169	rBV3	449004	431732	8.16%	0.329%
61	8.951	1177	1184	1186	rBV2	3610696	5290975	100.00%	4.034%
62	8.980	1186	1189	1192	rVB	1698553	1623027	30.68%	1.237%
63	9.075	1201	1205	1206	rBV4	709232	956292	18.07%	0.729%
64	9.133	1212	1215	1218	rVB2	948433	1226501	23.18%	0.935%
65	9.163	1218	1220	1221	rBV2	807826	500888	9.47%	0.382%
66	9.245	1229	1234	1241	rBV3	1775684	3722271	70.35%	2.838%
67	9.327	1241	1248	1250	rBV2	2075153	3875374	73.24%	2.954%
68	9.351	1250	1252	1254	rVB2	1531342	1306640	24.70%	0.996%
69	9.375	1254	1256	1258	rBV2	930808	895562	16.93%	0.683%
70	9.410	1258	1262	1265	rVB2	2325776	2808686	53.08%	2.141%
71	9.575	1288	1290	1293	rVB3	1139292	1066396	20.15%	0.813%

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72	9.645	1299	1302	1306	rBV5	1585760	2124143	40.15%	1.619%
73	9.869	1338	1340	1343	rVB2	1551679	1259847	23.81%	0.960%
74	9.904	1344	1346	1348	rVB	1224934	1009125	19.07%	0.769%
75	9.933	1348	1351	1355	rVB3	1687429	1576792	29.80%	1.202%
76	9.980	1356	1359	1361	rBV	1036315	1304177	24.65%	0.994%
77	10.033	1366	1368	1369	rBV2	566747	461794	8.73%	0.352%
78	10.198	1394	1396	1398	rBV2	851395	665157	12.57%	0.507%
79	10.222	1398	1400	1403	rBV3	752207	851541	16.09%	0.649%
80	10.327	1414	1418	1421	rBV	2577258	3198623	60.45%	2.439%
81	10.433	1433	1436	1441	rVB5	1002764	1440381	27.22%	1.098%
82	10.480	1441	1444	1446	rBV2	684614	713343	13.48%	0.544%
83	10.598	1457	1464	1467	rBV2	3464843	4961831	93.78%	3.783%
84	10.774	1491	1494	1496	rBV3	827965	914062	17.28%	0.697%
85	10.798	1496	1498	1501	rVB3	650443	551036	10.41%	0.420%
86	11.057	1538	1542	1547	rVB	2875767	3626604	68.54%	2.765%
87	11.151	1556	1558	1562	rBV2	858867	904341	17.09%	0.689%
88	11.398	1597	1600	1606	rVB	926689	1036369	19.59%	0.790%
89	11.627	1636	1639	1641	rBV	665320	688597	13.01%	0.525%
90	11.657	1641	1644	1649	rVB	986854	1041555	19.69%	0.794%
91	11.739	1655	1658	1660	rBV2	446241	479138	9.06%	0.365%
92	12.068	1712	1714	1717	rVB	366901	305418	5.77%	0.233%
93	12.104	1717	1720	1721	rBV	363591	371615	7.02%	0.283%
94	12.121	1721	1723	1728	rVB	633053	655215	12.38%	0.500%
95	12.174	1729	1732	1735	rBV	667293	726997	13.74%	0.554%
96	12.327	1755	1758	1762	rBV2	560023	582582	11.01%	0.444%
97	12.704	1818	1822	1831	rVB	1654243	1926811	36.42%	1.469%
98	12.986	1867	1870	1876	rVB3	202740	342461	6.47%	0.261%
99	13.739	1995	1998	2001	rVB	643873	541055	10.23%	0.412%
100	15.109	2227	2231	2237	rVB2	511558	686922	12.98%	0.524%

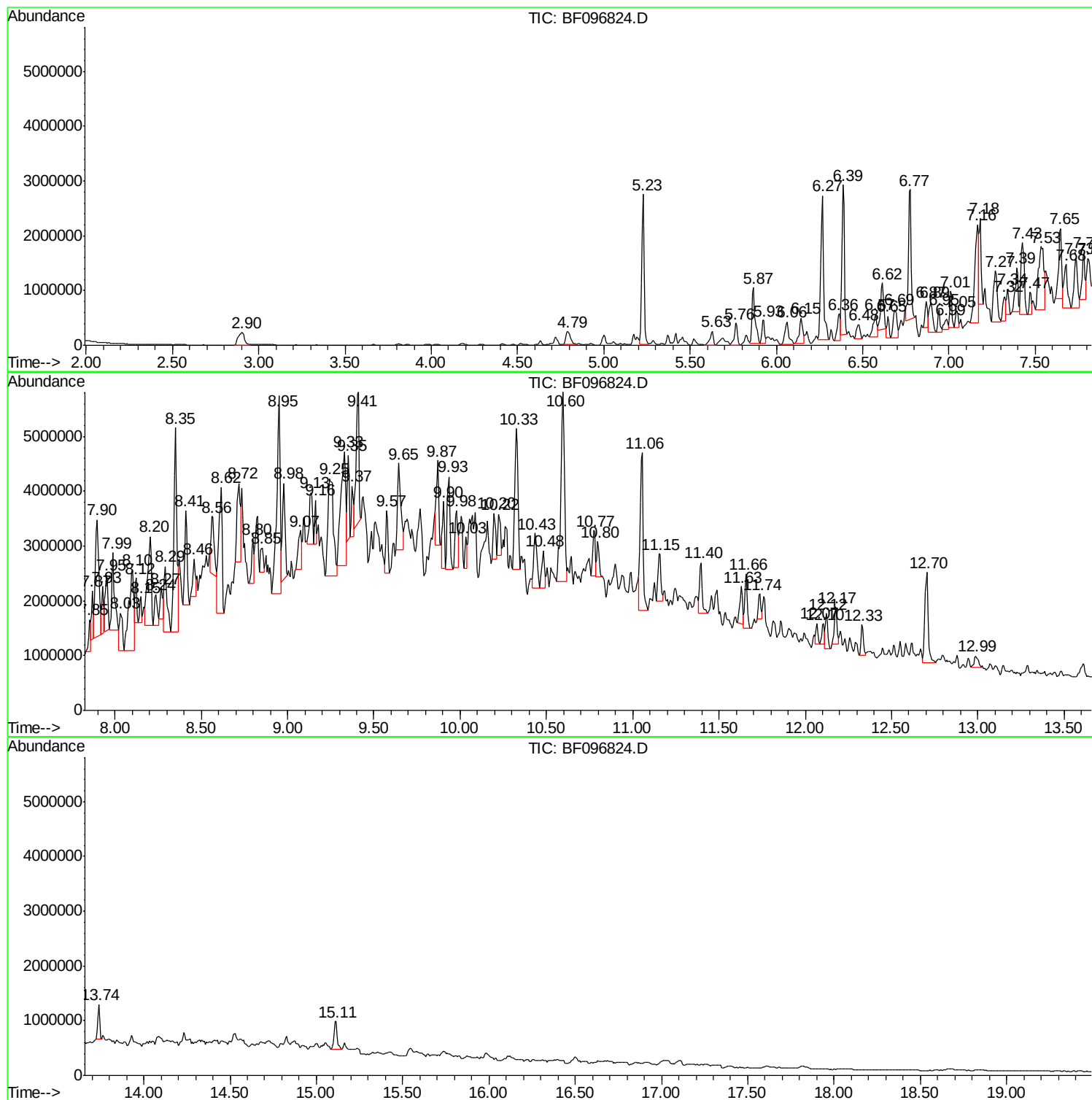
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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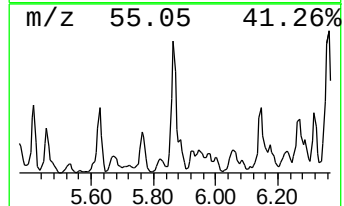
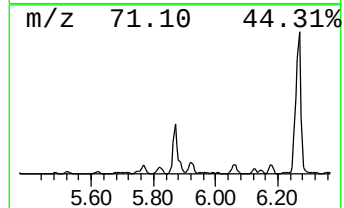
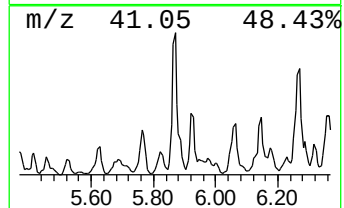
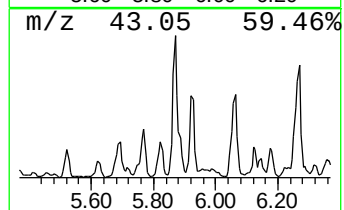
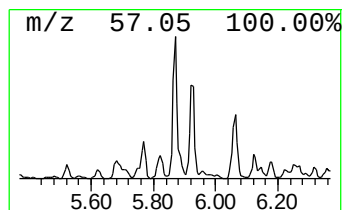
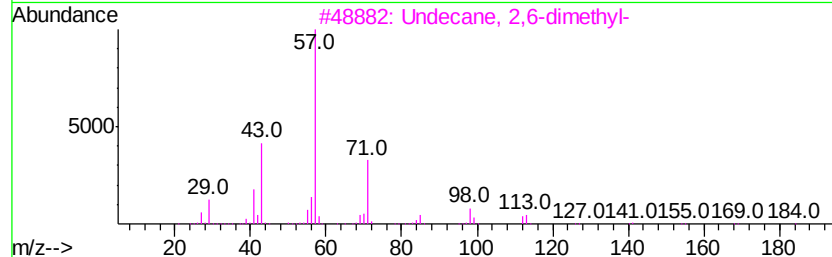
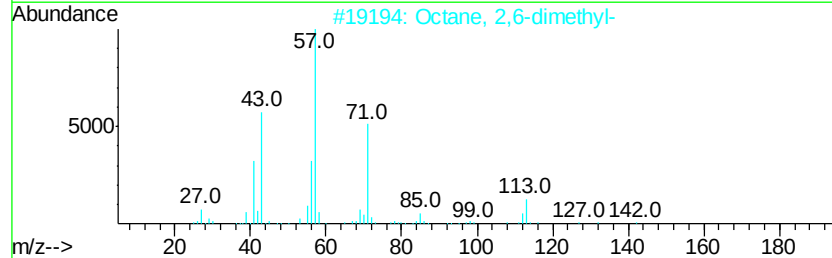
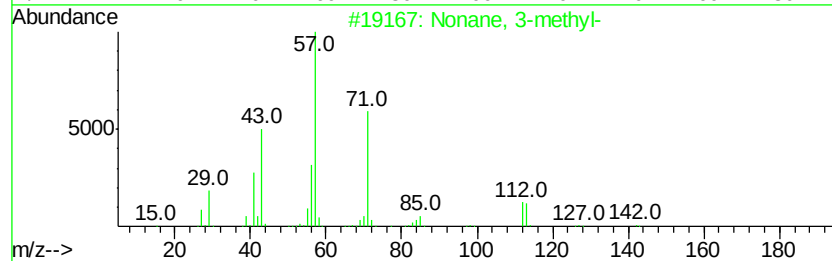
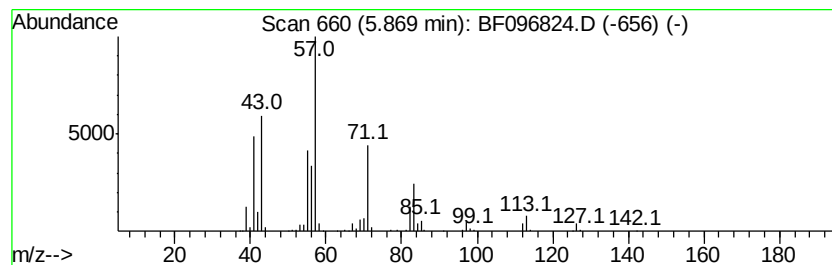
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	26.51 ng	1248160	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50



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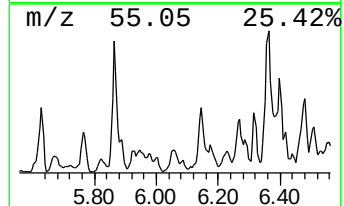
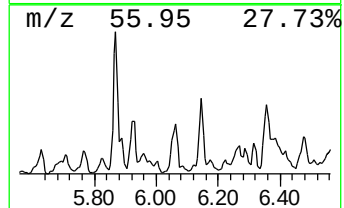
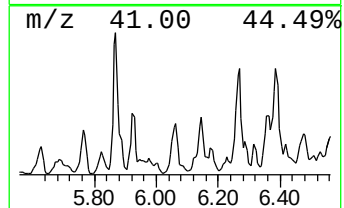
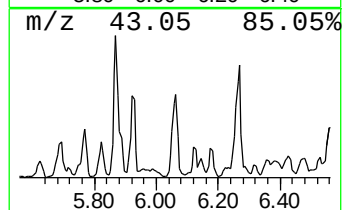
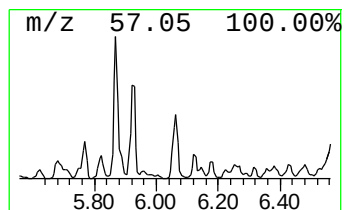
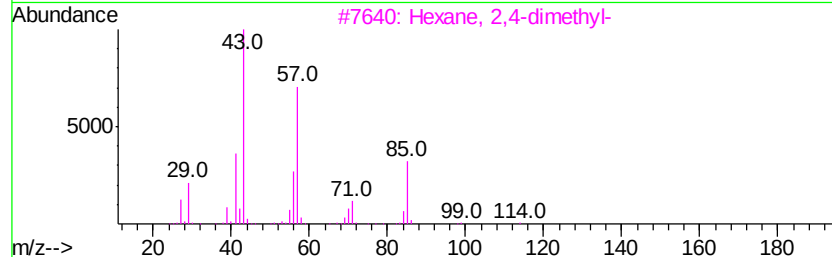
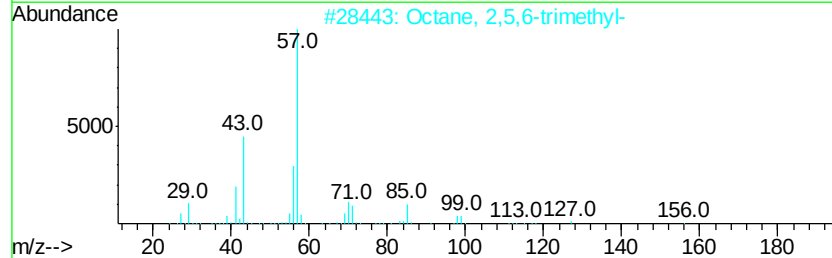
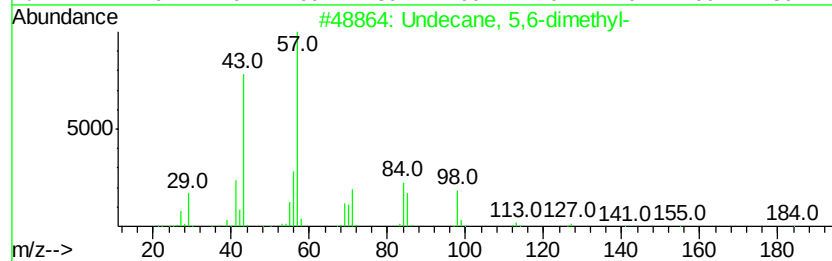
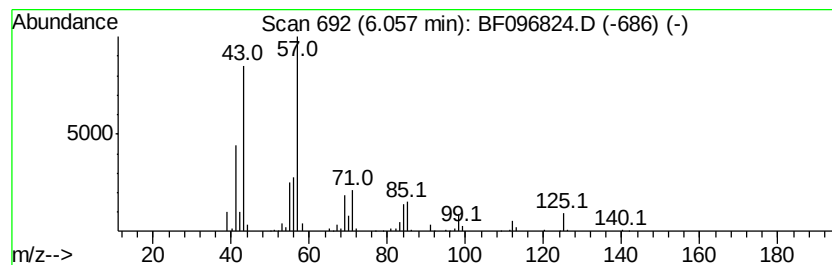
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 5,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	15.06 ng	709155	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



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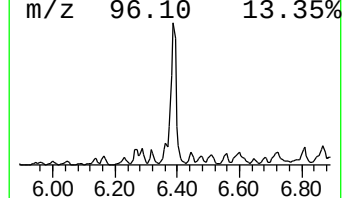
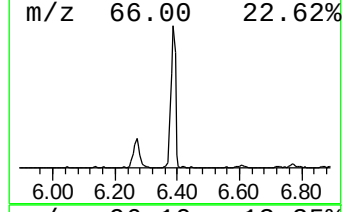
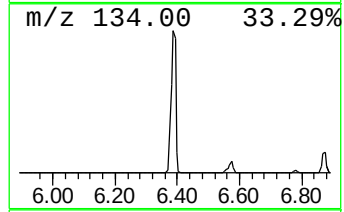
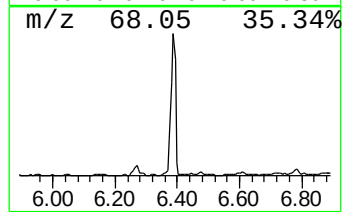
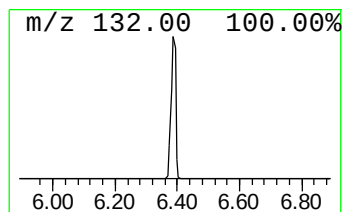
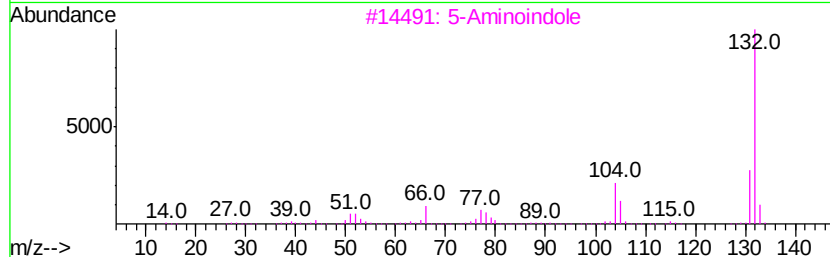
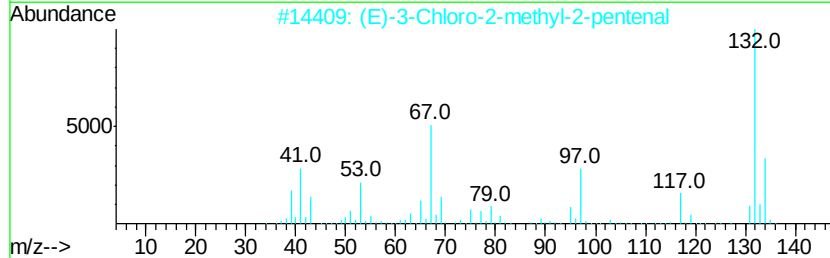
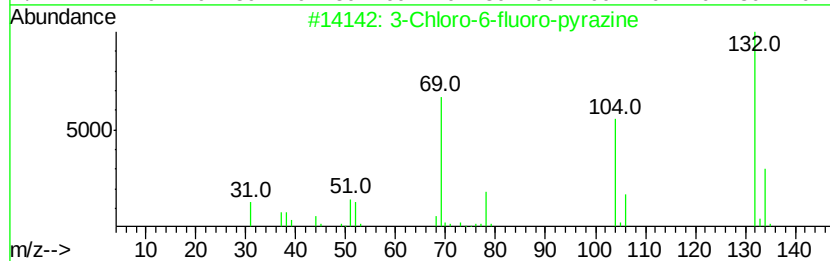
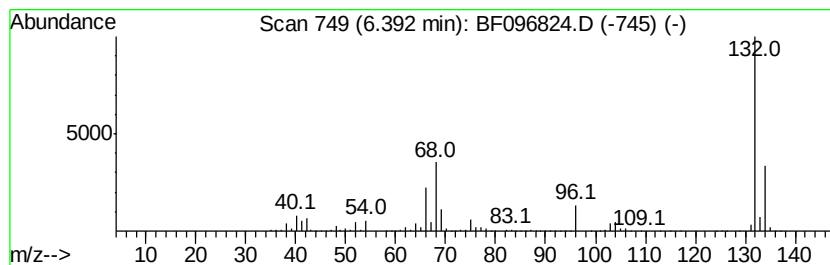
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
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Peak Number 3 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	62.47 ng	2941010	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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Operator : SJ/JU
Sample : I4203-01
Misc :
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Instrument :
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ClientSampleId :
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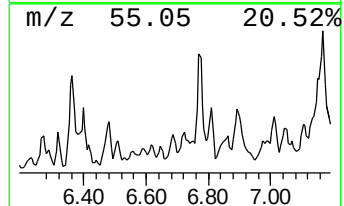
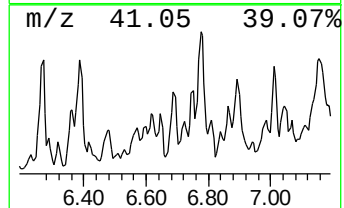
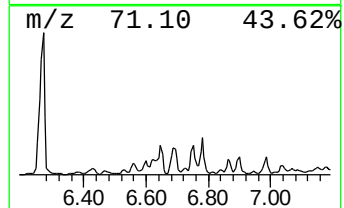
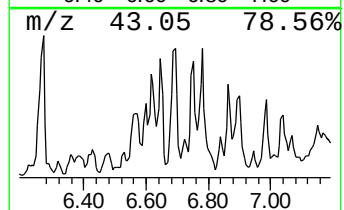
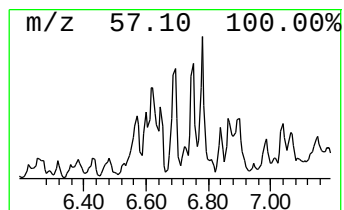
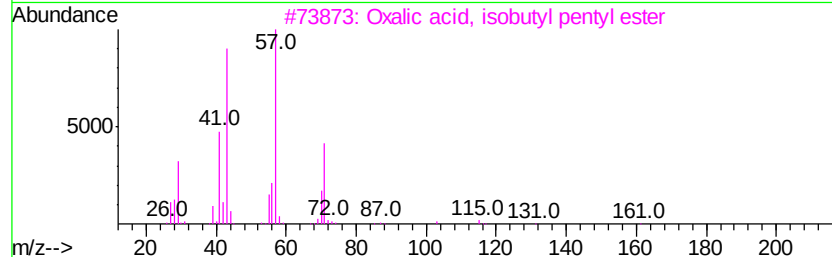
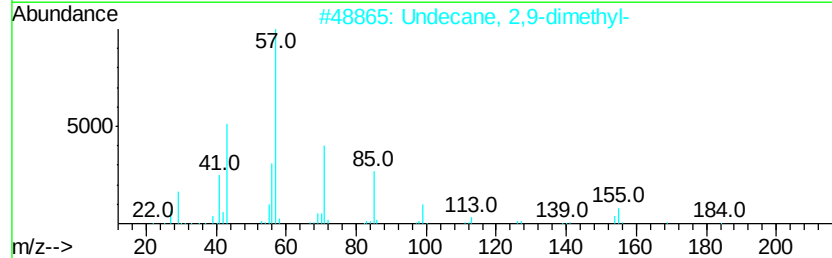
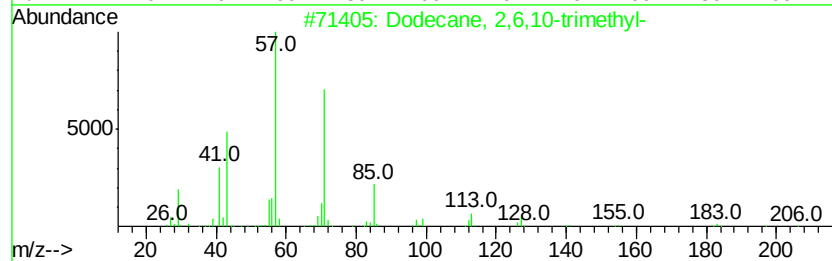
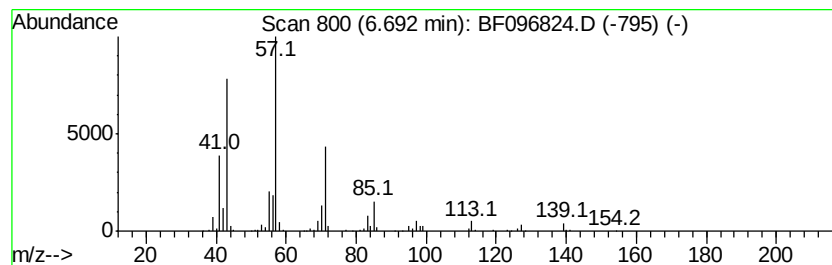
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	14.87 ng	700077	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	47
3		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	43
5		2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096824.D
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ClientSampleId :
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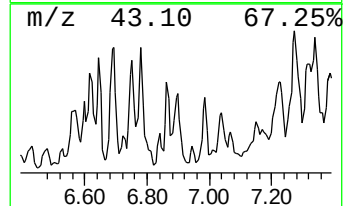
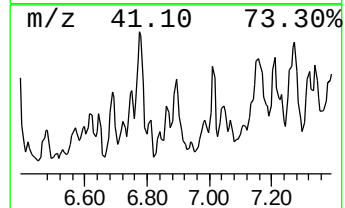
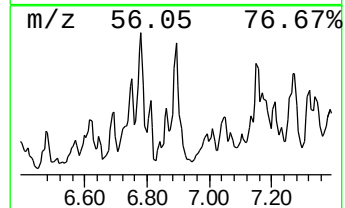
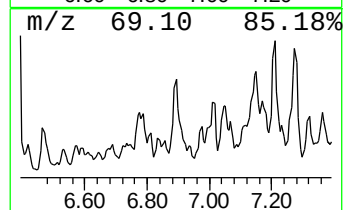
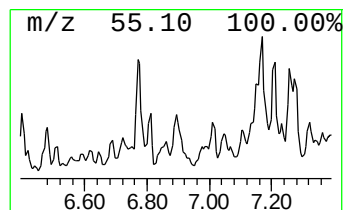
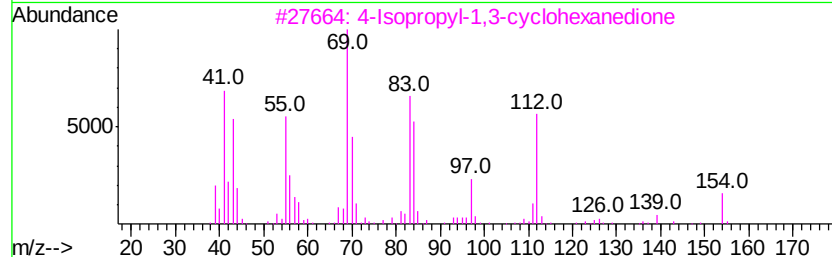
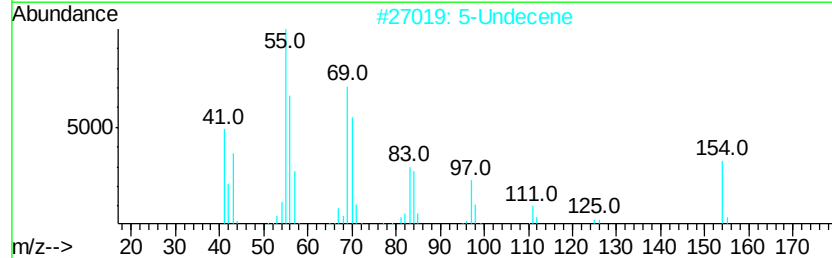
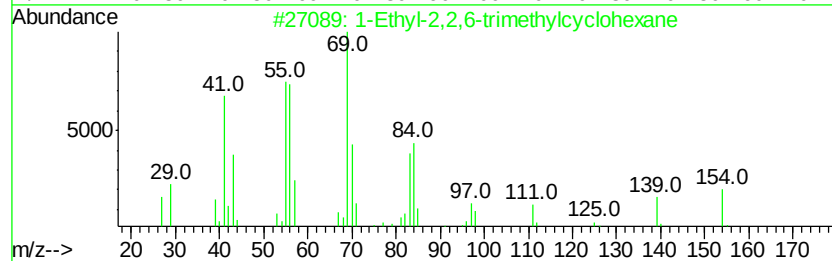
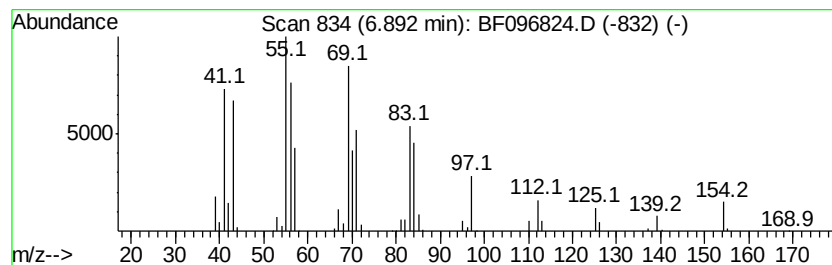
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	14.56 ng	685250	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	72
2			5-Undecene	154	C11H22	004941-53-1	64
3			4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	60
4			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	58
5			1-Undecene	154	C11H22	000821-95-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
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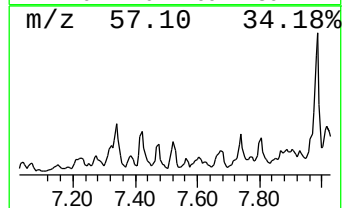
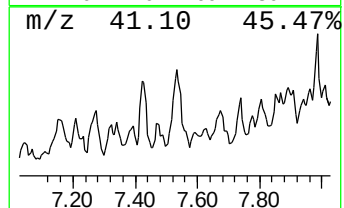
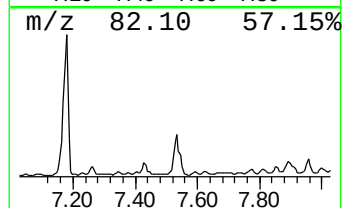
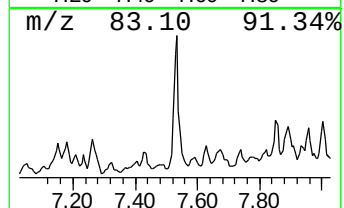
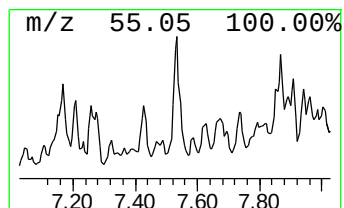
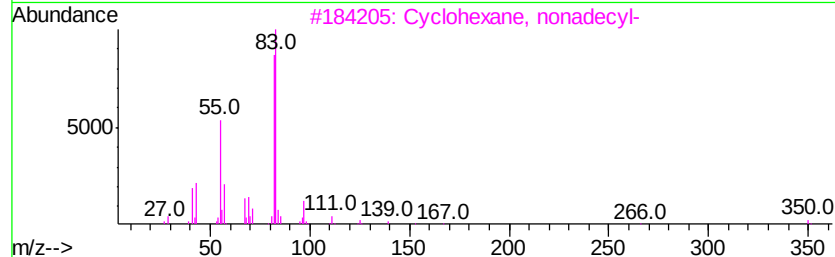
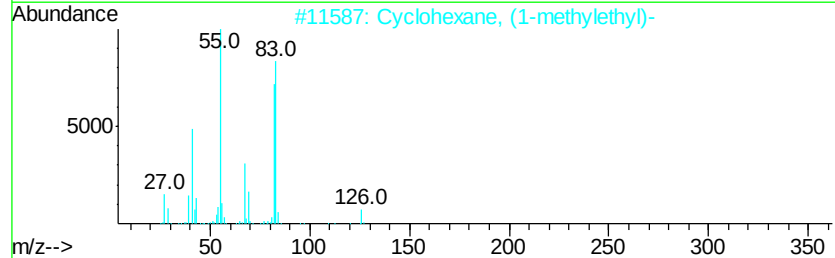
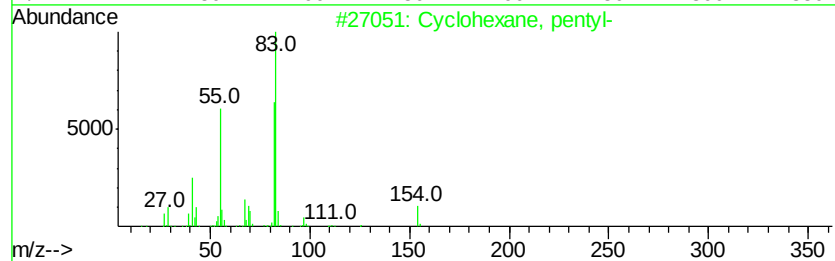
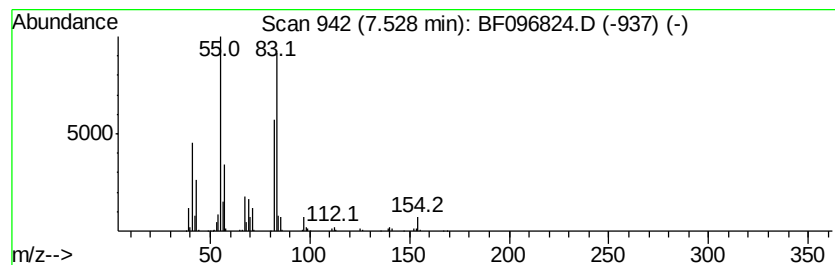
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, pentyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	19.51 ng	2785310	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	72
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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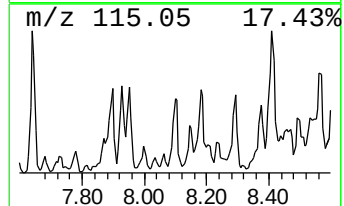
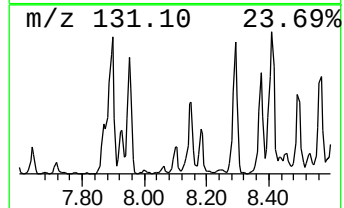
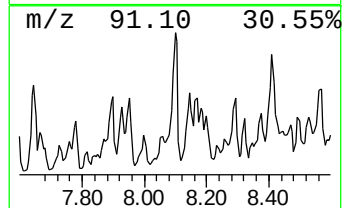
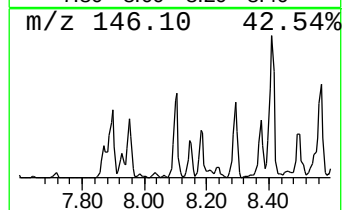
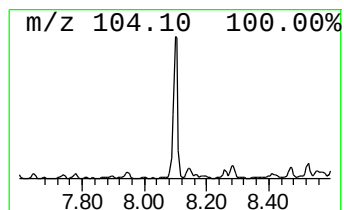
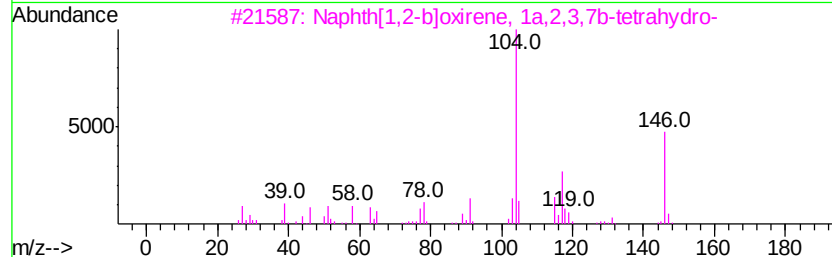
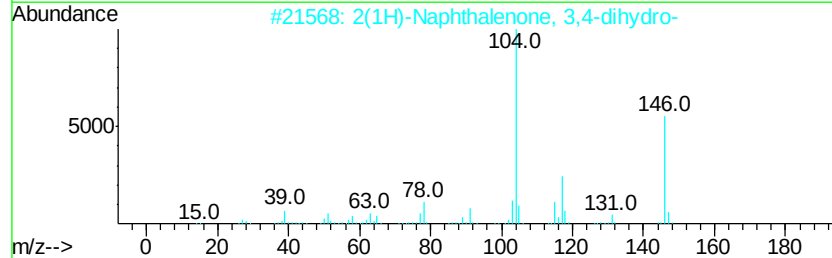
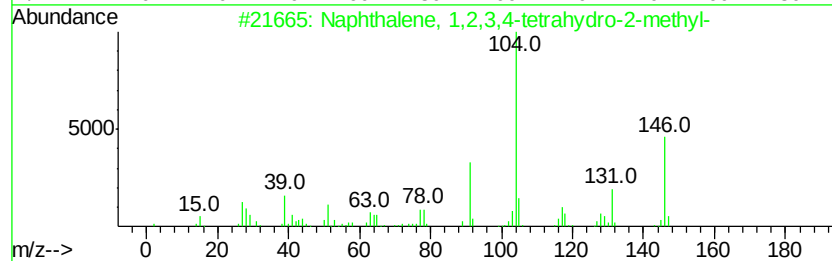
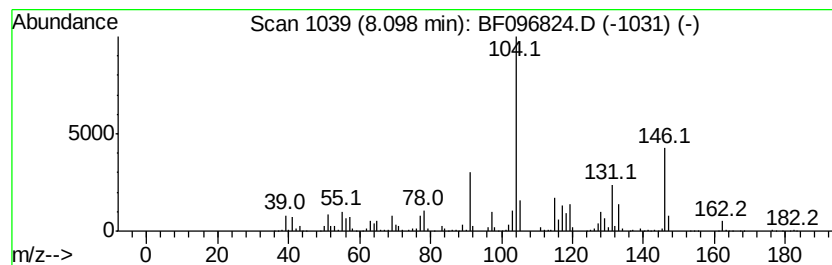
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.10	20.25 ng	2891650	Naphthalene-d8	7.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	38
5		Pyrimidine-2,4,6(1H,3H,5H)-trion...	232	C12H12N2O3	251468-79-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
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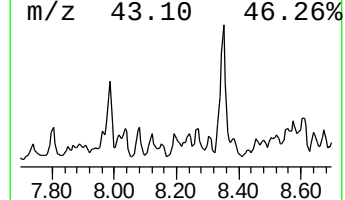
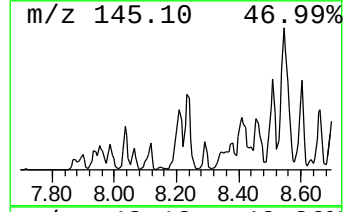
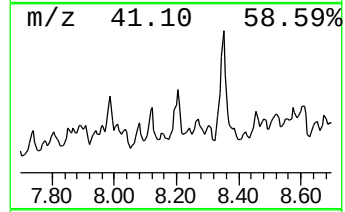
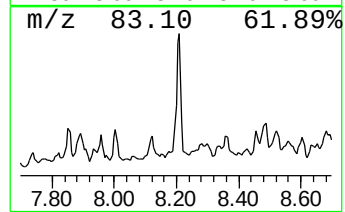
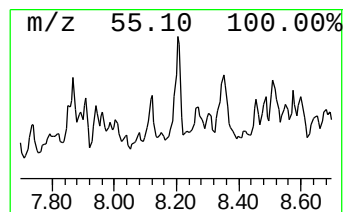
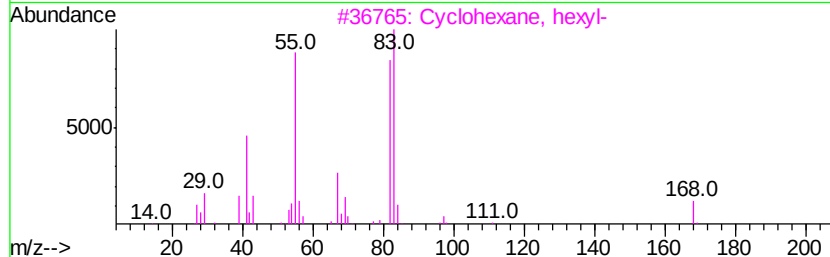
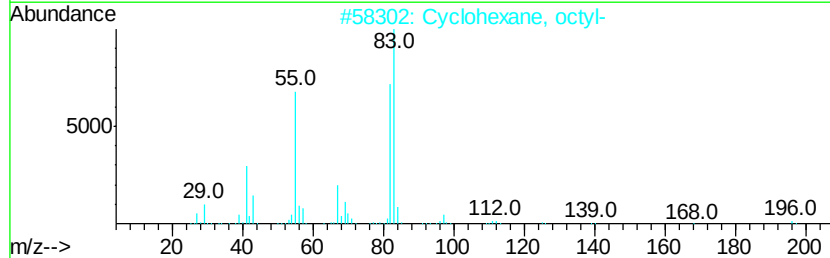
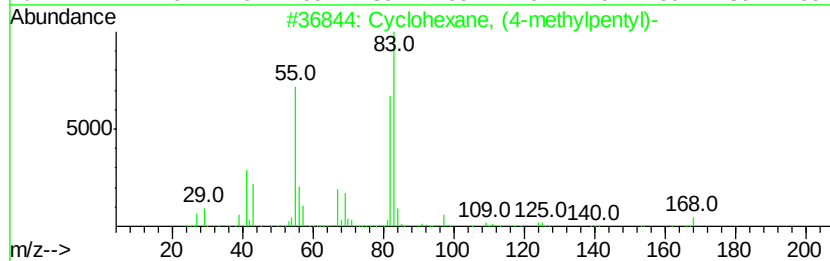
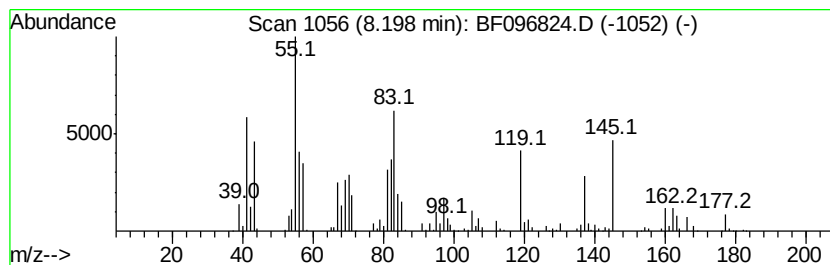
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	17.54 ng	2504090	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5		Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
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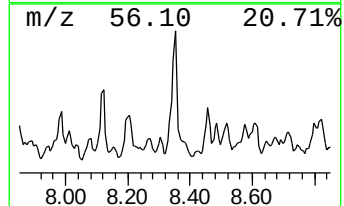
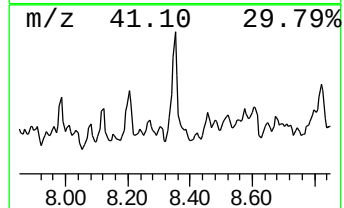
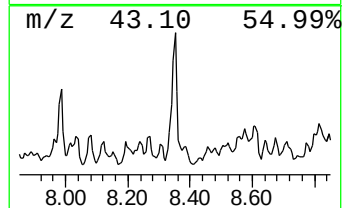
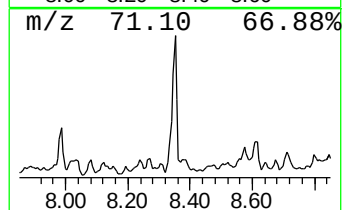
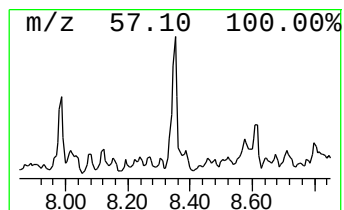
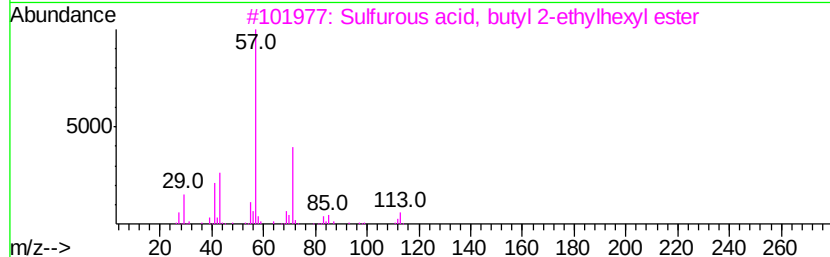
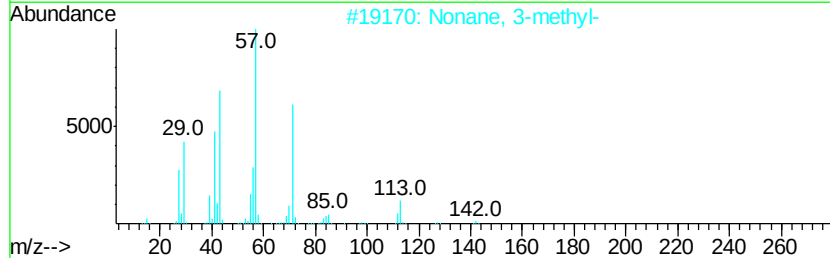
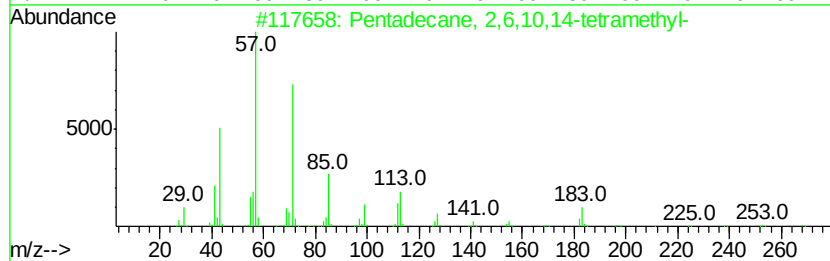
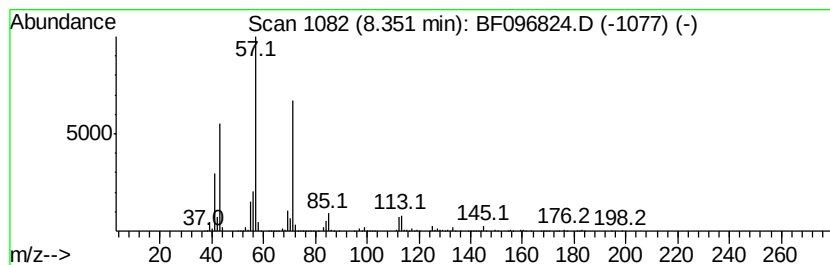
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	34.30 ng	4897360	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
4		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
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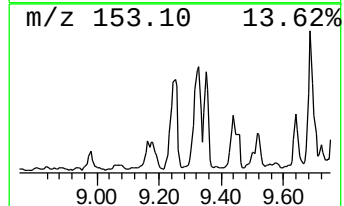
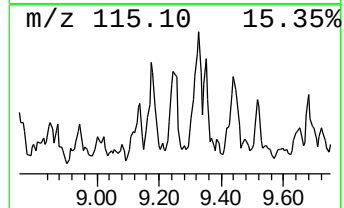
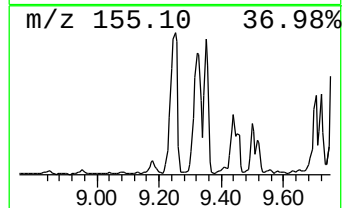
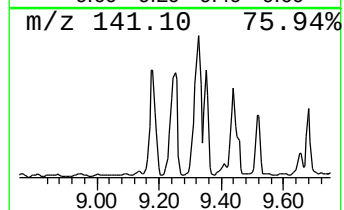
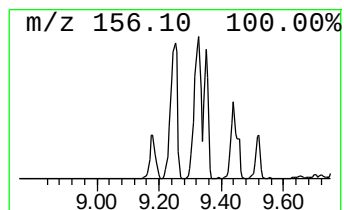
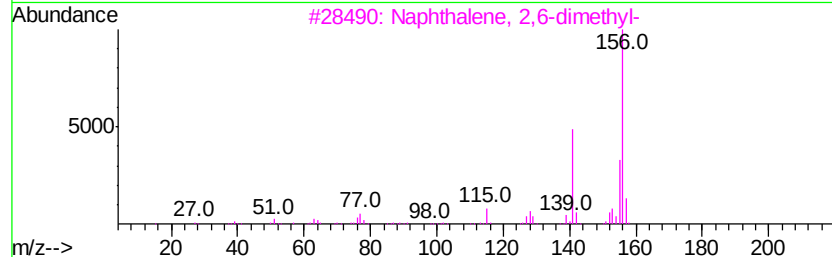
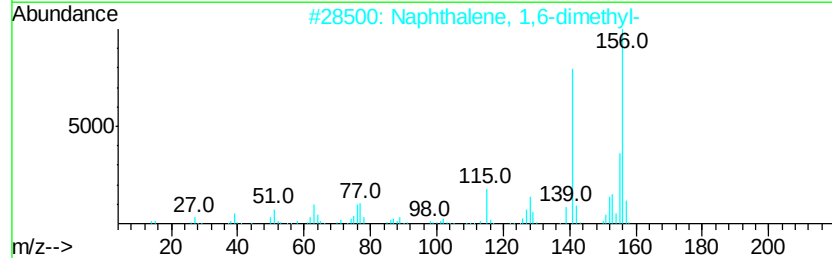
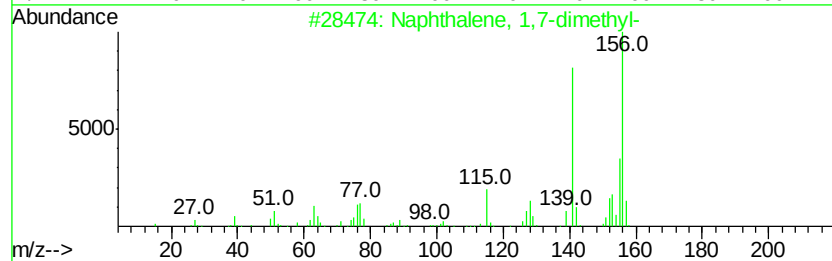
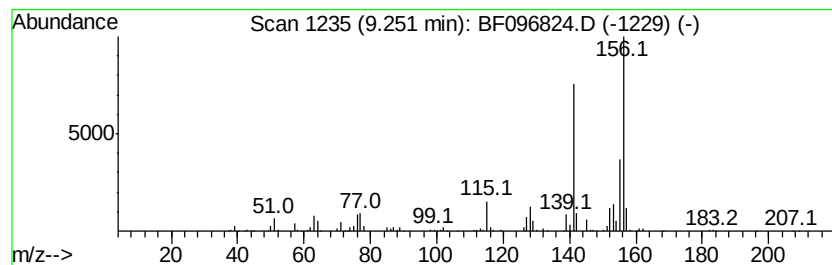
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	35.05 ng	3722270	Acenaphthene-d10	9.66

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
Operator : SJ/JU
Sample : I4203-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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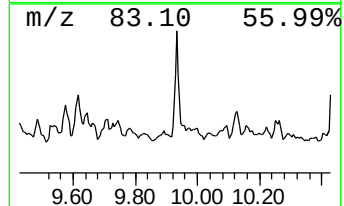
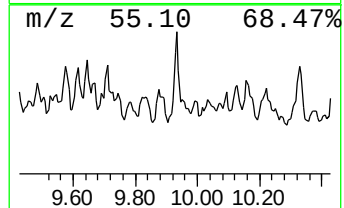
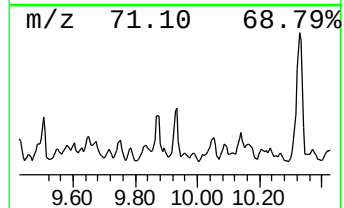
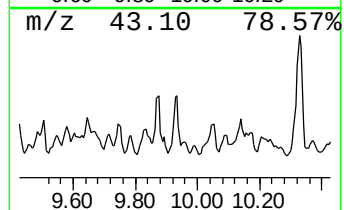
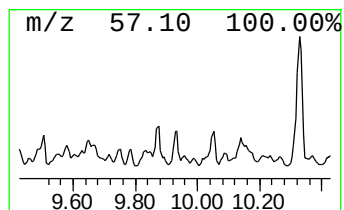
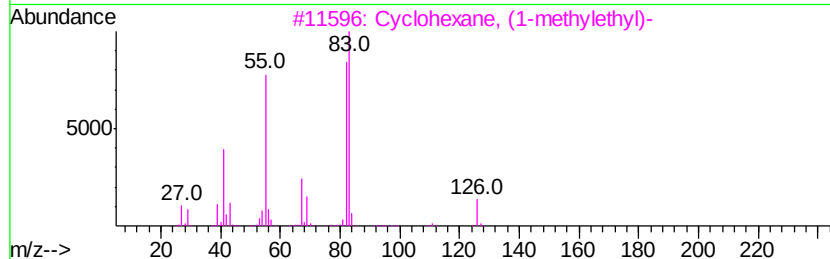
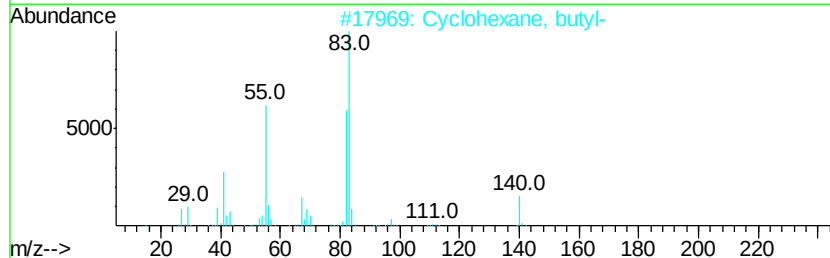
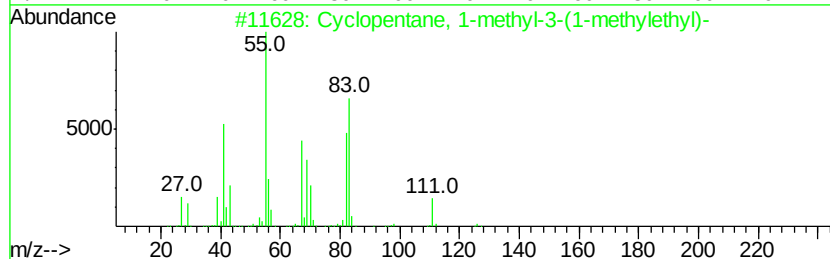
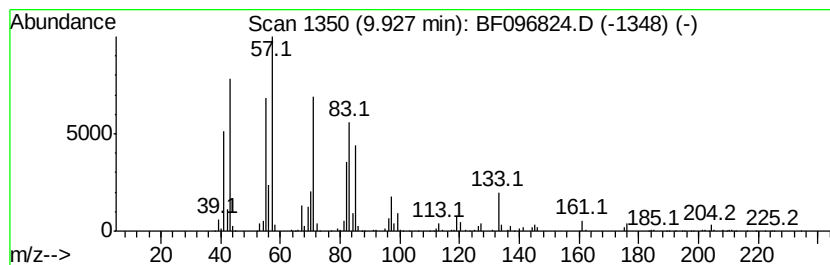
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	14.85 ng	1576790	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	38
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35
5		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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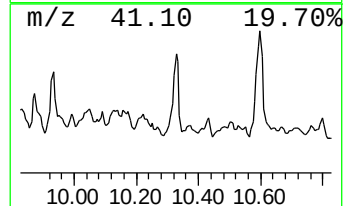
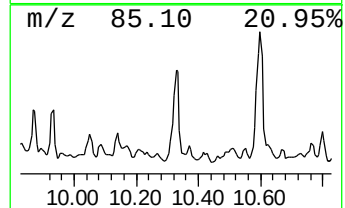
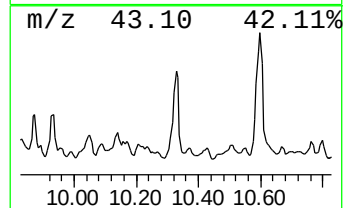
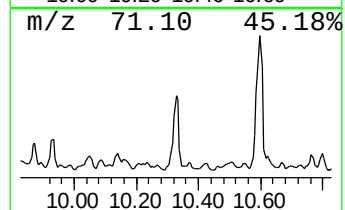
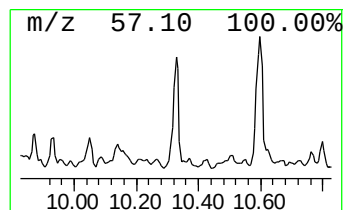
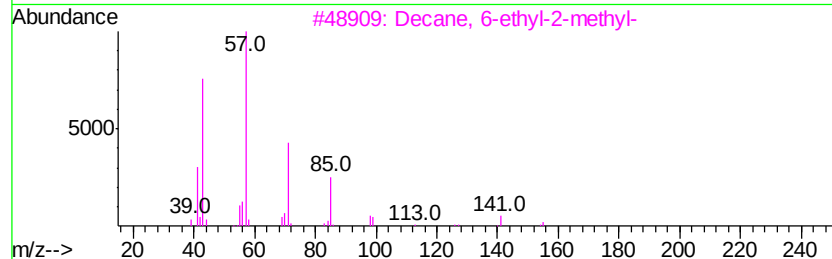
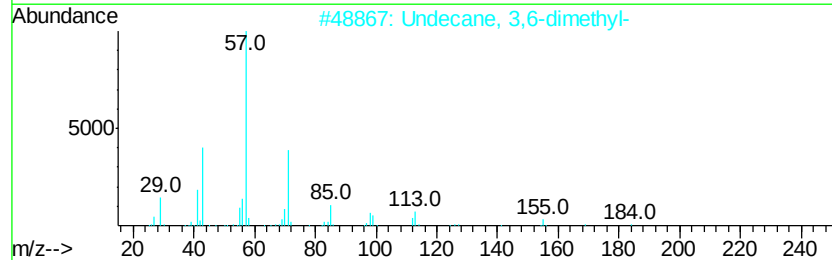
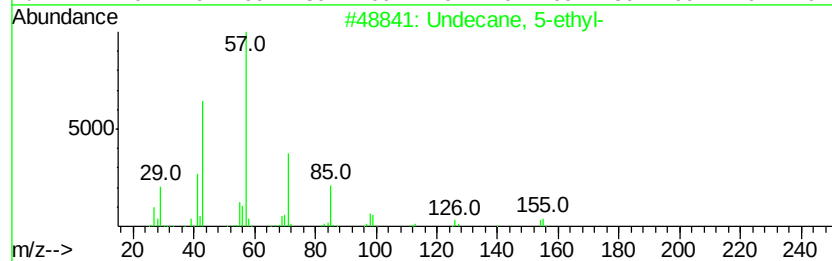
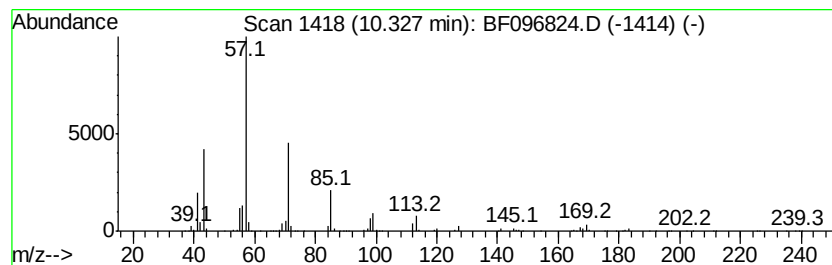
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 5-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	30.12 ng	3198620	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-ethyl-	184 C13H28	017453-94-0	72
2	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	72
3	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	64
4	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64
5	Tridecane, 3-methyl-	198 C14H30	006418-41-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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Misc :
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Instrument :
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ClientSampleId :
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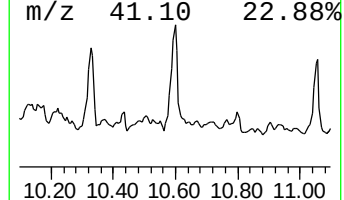
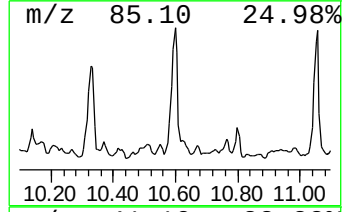
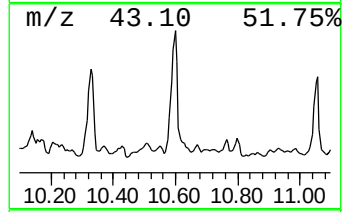
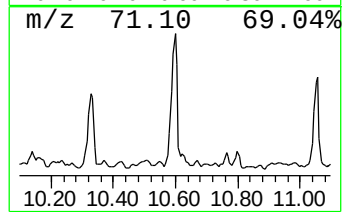
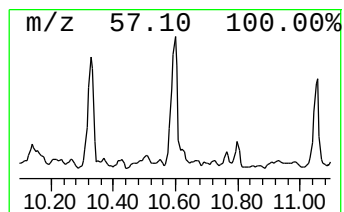
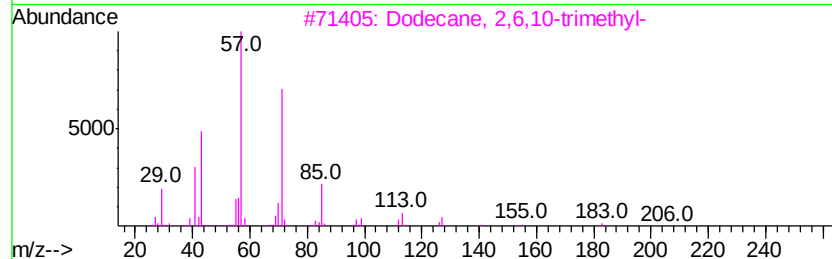
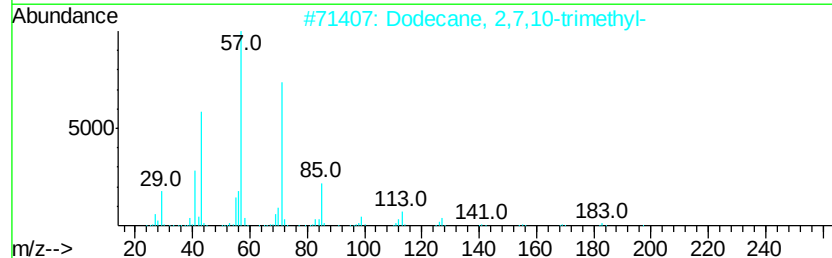
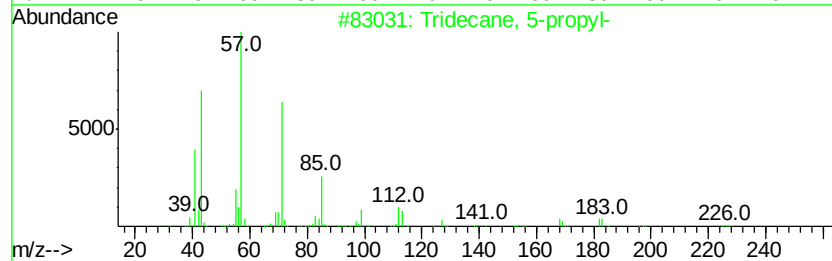
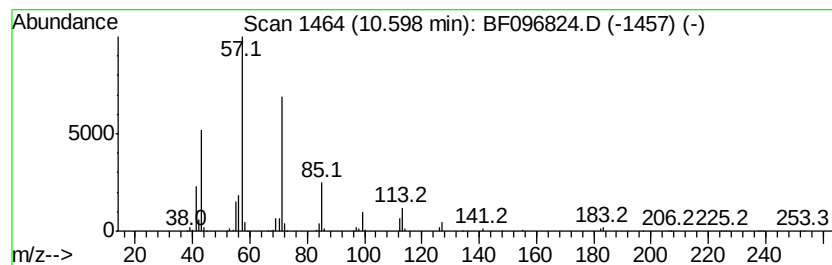
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	109.73 ng	4961830	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Hexadecane	226	C16H34	000544-76-3	74
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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Acq On : 17 Jul 2017 17:27
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ALS Vial : 16 Sample Multiplier: 1

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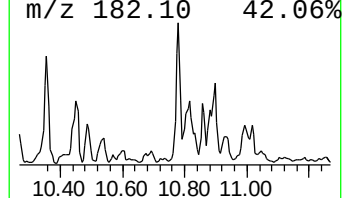
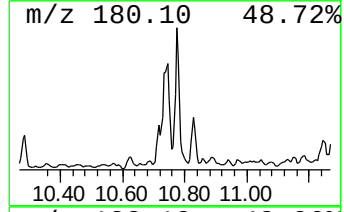
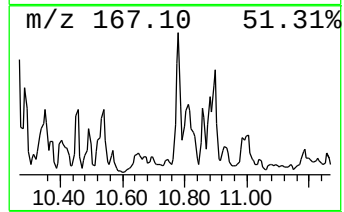
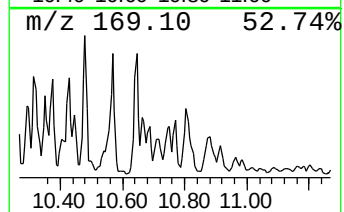
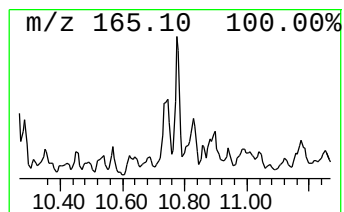
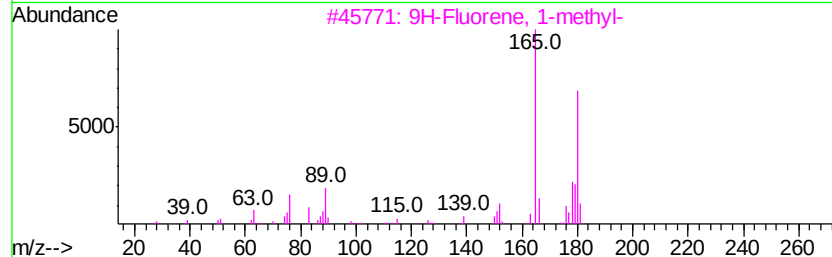
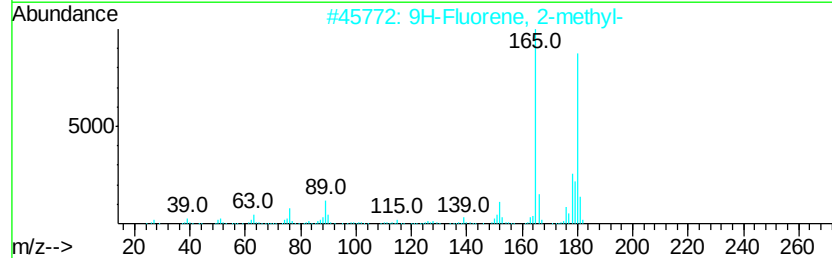
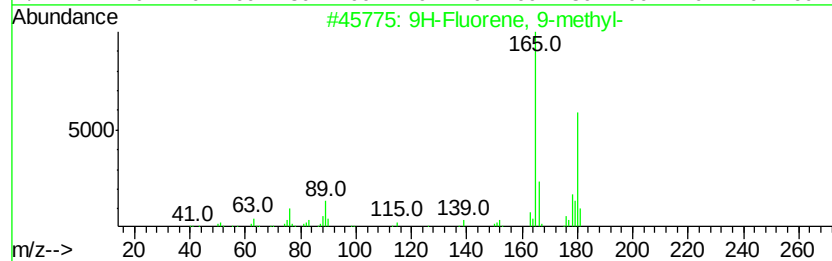
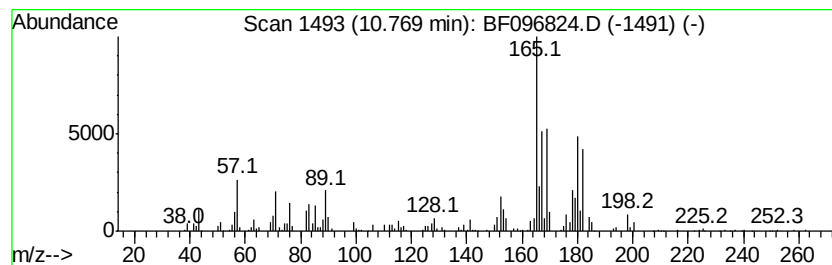
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	20.22 ng	914062	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	49
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43
5		Silane, trimethyl(4-methylphenoxy)-	180	C10H16OSi	017902-32-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
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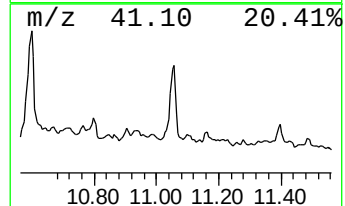
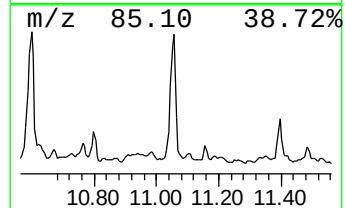
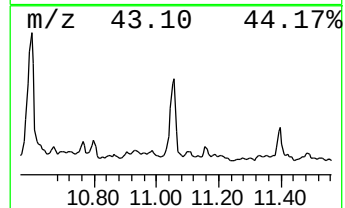
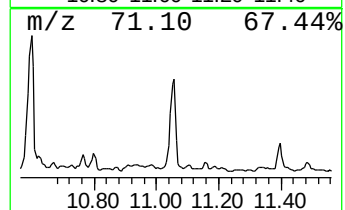
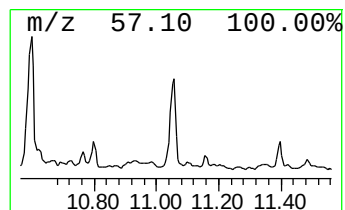
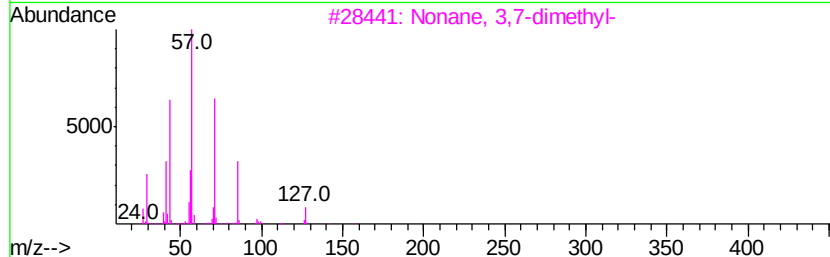
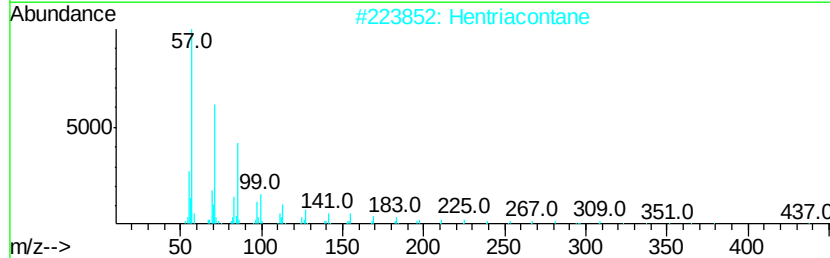
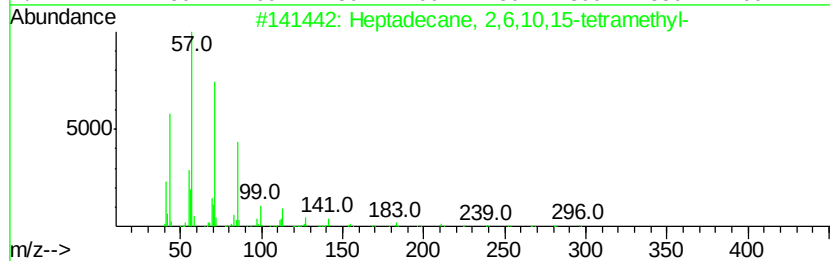
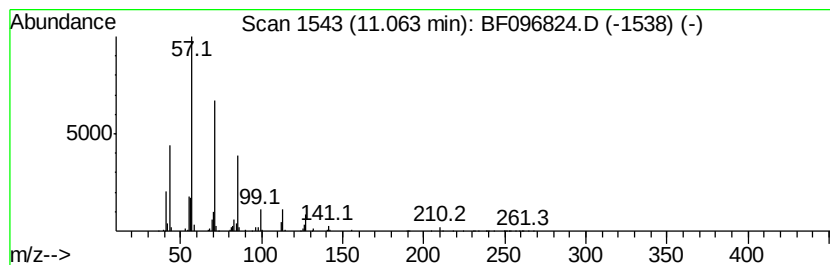
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	80.20 ng	3626600	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
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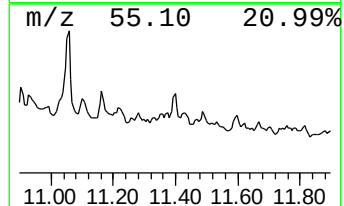
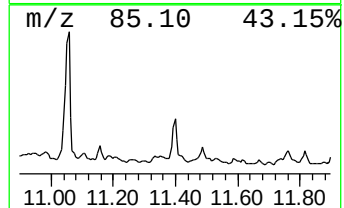
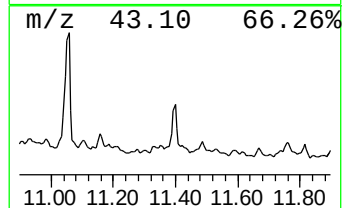
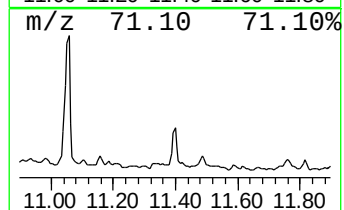
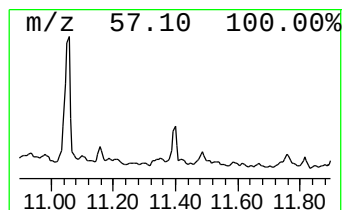
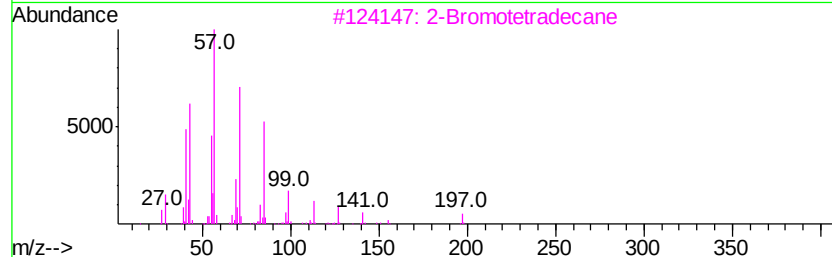
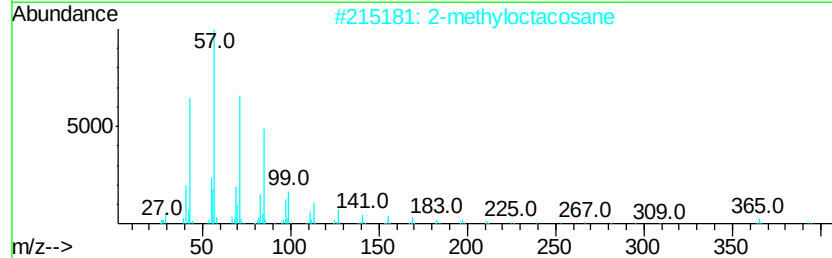
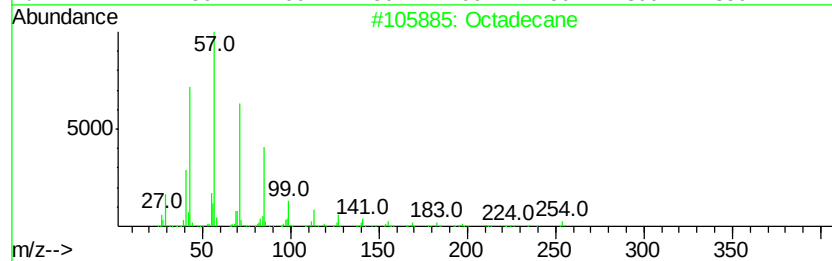
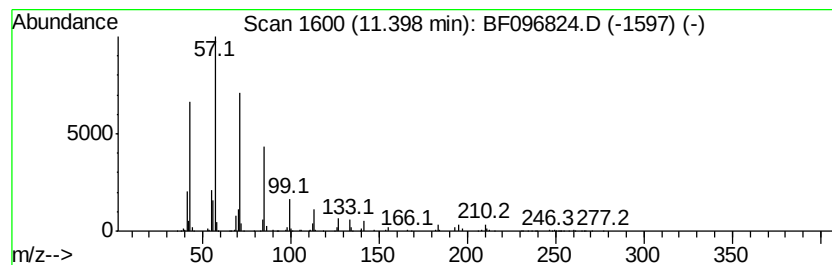
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	22.92 ng	1036370	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	86
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
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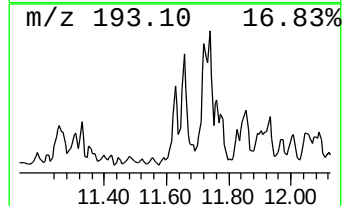
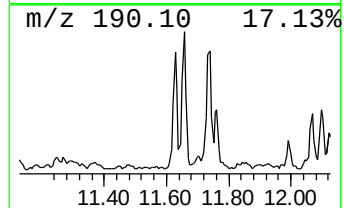
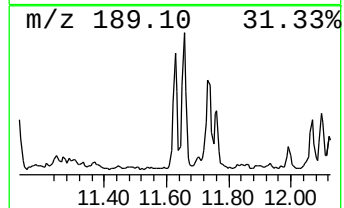
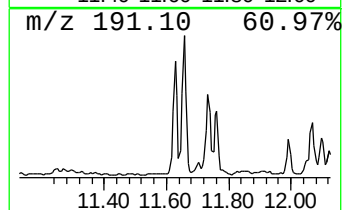
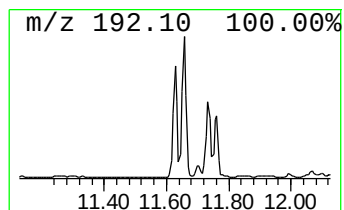
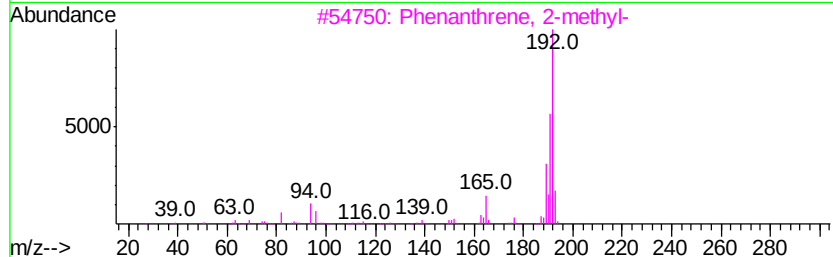
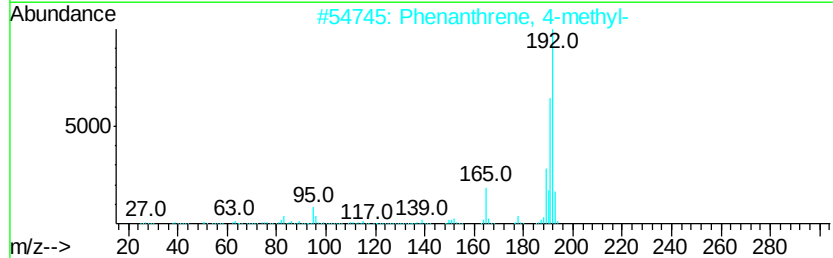
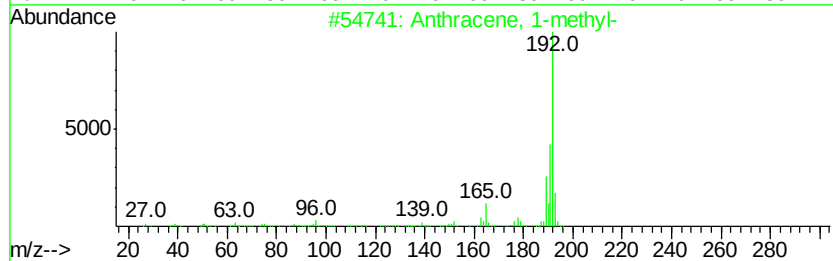
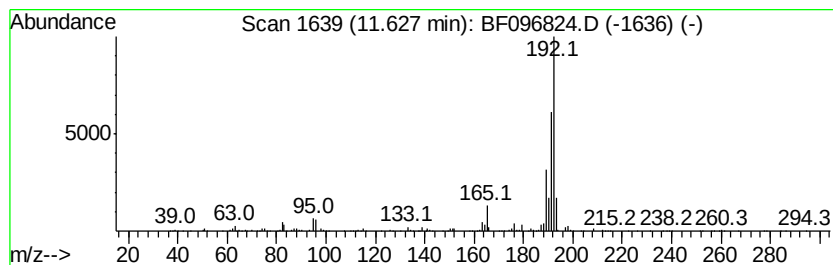
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	15.23 ng	688597	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
Operator : SJ/JU
Sample : I4203-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

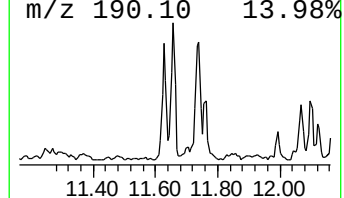
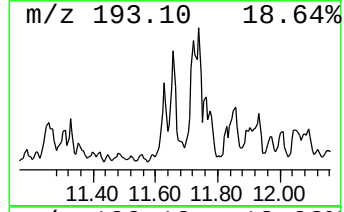
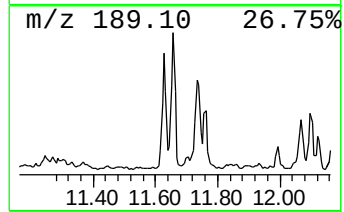
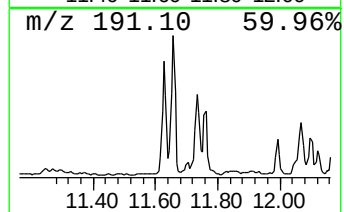
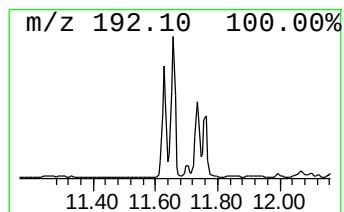
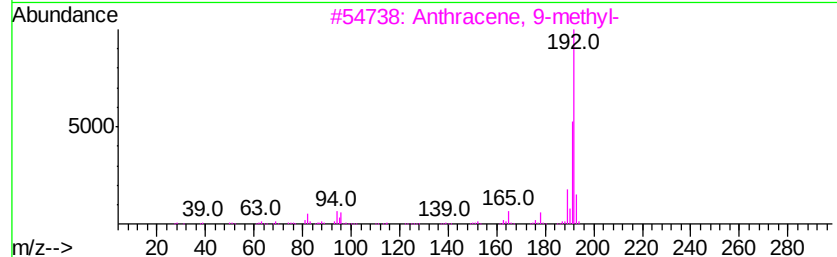
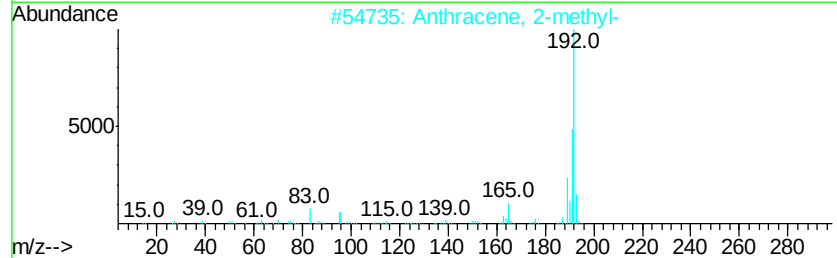
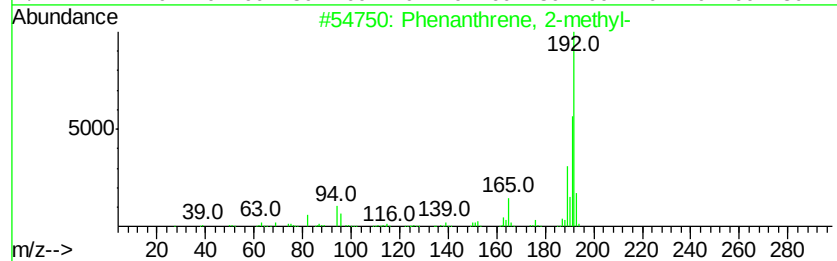
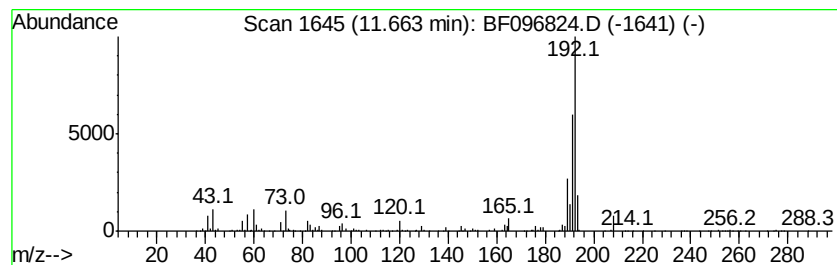
Instrument :
BNA_F
ClientSampleId :
DL-SB02A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	23.03 ng	1041560	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
Operator : SJ/JU
Sample : I4203-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-SB02A

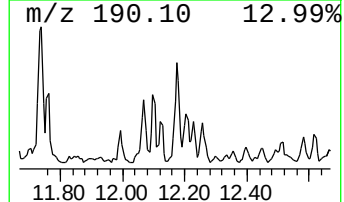
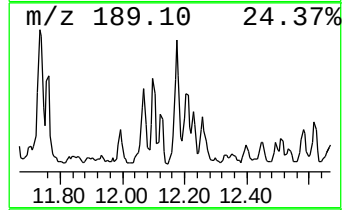
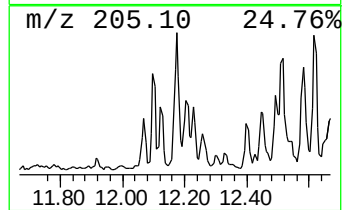
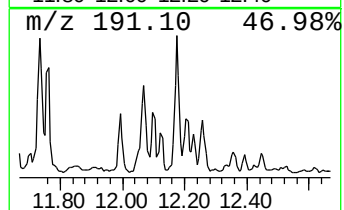
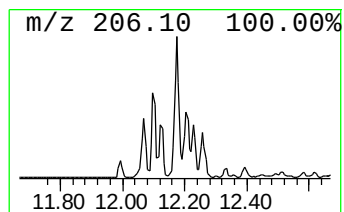
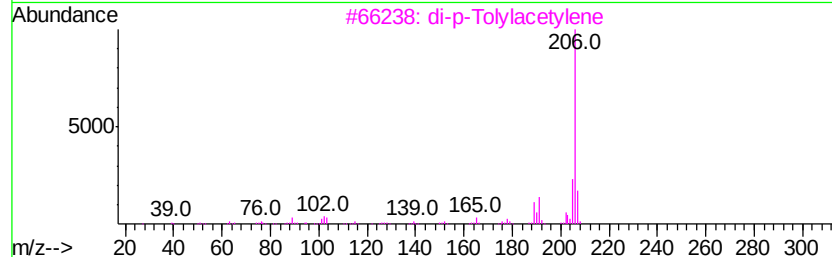
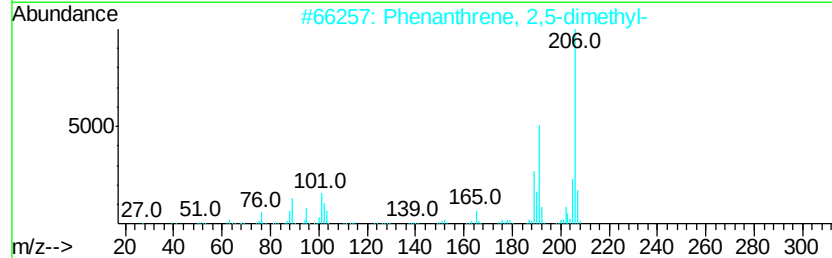
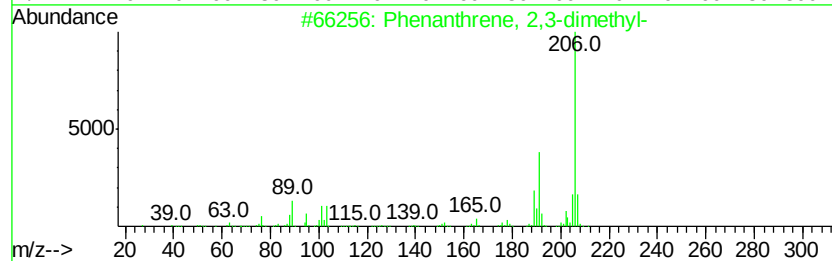
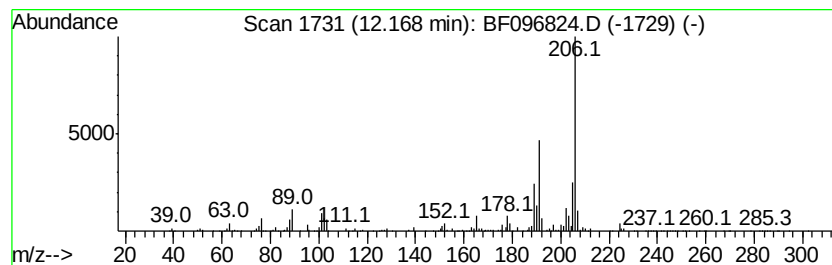
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	16.08 ng	726997	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	80
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096824.D
 Acq On : 17 Jul 2017 17:27
 Operator : SJ/JU
 Sample : I4203-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
Nonane, 3-methyl-	5.87	26.5	ng	1248160	1	6.62	941555	20.0
Undecane, 5,6-dim...	6.06	15.1	ng	709155	1	6.62	941555	20.0
unknown6.39	6.39	62.5	ng	2941010	1	6.62	941555	20.0
Dodecane, 2,6,10-...	6.69	14.9	ng	700077	1	6.62	941555	20.0
1-Ethyl-2,2,6-tri...	6.89	14.6	ng	685250	1	6.62	941555	20.0
Cyclohexane, pentyl-	7.53	19.5	ng	2785310	2	7.90	2855460	20.0
Naphthalene, 1,2,...	8.10	20.3	ng	2891650	2	7.90	2855460	20.0
Cyclohexane, (4-m...	8.20	17.5	ng	2504090	2	7.90	2855460	20.0
Pentadecane, 2,6,...	8.35	34.3	ng	4897360	2	7.90	2855460	20.0
Naphthalene, 1,7-...	9.25	35.0	ng	3722270	3	9.66	2124140	20.0
unknown9.93	9.93	14.9	ng	1576790	3	9.66	2124140	20.0
Undecane, 5-ethyl-	10.33	30.1	ng	3198620	3	9.66	2124140	20.0
Tridecane, 5-propyl-	10.60	109.7	ng	4961830	4	11.13	904341	20.0
9H-Fluorene, 9-me...	10.77	20.2	ng	914062	4	11.13	904341	20.0
Heptadecane, 2,6,...	11.06	80.2	ng	3626600	4	11.13	904341	20.0
Octadecane	11.40	22.9	ng	1036370	4	11.13	904341	20.0
Anthracene, 1-met...	11.63	15.2	ng	688597	4	11.13	904341	20.0
Phenanthrene, 2-m...	11.66	23.0	ng	1041560	4	11.13	904341	20.0
Phenanthrene, 2,3...	12.17	16.1	ng	726997	4	11.13	904341	20.0