

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
 Data File : BF101829.D
 Acq On : 29 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I7023-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-3

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-BF121417.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	5.169	518	524	528	rBV2	376181	472578	9.02%	0.295%
2	5.351	553	555	559	rVB	503613	482860	9.22%	0.301%
3	5.410	562	565	571	rBV	3058859	3633011	69.37%	2.266%
4	5.581	591	594	597	rVV	515141	481326	9.19%	0.300%
5	5.622	597	601	608	rVB2	378695	536608	10.25%	0.335%
6	5.786	622	629	633	rBV4	568230	901594	17.21%	0.562%
7	5.834	633	637	640	rBV3	451333	653513	12.48%	0.408%
8	5.922	648	652	656	rVB3	681298	903807	17.26%	0.564%
9	6.016	662	668	674	rBV3	1832266	3032800	57.91%	1.892%
10	6.069	674	677	680	rVB	980527	850685	16.24%	0.531%
11	6.204	695	700	703	rBV	1285879	1549398	29.58%	0.967%
12	6.245	703	707	708	rBV2	564410	647046	12.35%	0.404%
13	6.269	708	711	713	rVB	1357139	1217857	23.25%	0.760%
14	6.298	713	716	724	rBV4	1114544	2063298	39.39%	1.287%
15	6.381	728	730	734	rVB2	594640	587900	11.22%	0.367%
16	6.439	734	740	743	rBV	3260960	4177169	79.76%	2.606%
17	6.510	748	752	756	rBV3	1058783	1744590	33.31%	1.088%
18	6.563	756	761	765	rVB	3629989	4371951	83.47%	2.727%
19	6.604	765	768	771	rBV2	998244	1297848	24.78%	0.810%
20	6.710	779	786	788	rBV5	552824	1173702	22.41%	0.732%
21	6.733	788	790	792	rBV2	600452	528141	10.08%	0.329%
22	6.786	796	799	801	rVB	2617491	2239439	42.76%	1.397%
23	6.828	804	806	809	rVB3	803268	848166	16.19%	0.529%
24	6.863	809	812	814	rBV3	521608	714348	13.64%	0.446%
25	6.886	814	816	819	rVB	678145	512627	9.79%	0.320%
26	6.922	819	822	823	rBV	1987248	1949983	37.23%	1.216%
27	6.945	823	826	833	rVB3	2583494	3496934	66.77%	2.181%
28	7.004	833	836	838	rBV3	679403	711289	13.58%	0.444%
29	7.051	838	844	847	rBV4	2057988	3181932	60.75%	1.985%
30	7.080	847	849	850	rBV	644943	473602	9.04%	0.295%
31	7.098	850	852	855	rBV2	1079483	1109076	21.18%	0.692%
32	7.169	859	864	867	rBV4	1659967	2048307	39.11%	1.278%
33	7.198	867	869	874	rVB4	679494	854116	16.31%	0.533%
34	7.245	874	877	879	rBV2	1010867	984596	18.80%	0.614%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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35	7.316	883	889	892	rBV2	2213468	2969749	56.70%	1.853%
36	7.357	892	896	902	rVB3	2662146	4013697	76.63%	2.504%
37	7.422	902	907	910	rBV6	2136718	3674261	70.15%	2.292%
38	7.486	910	918	922	rBV5	1720881	4101919	78.32%	2.559%
39	7.528	922	925	927	rBV2	591539	609354	11.63%	0.380%
40	7.557	927	930	932	rBV2	2067352	1993343	38.06%	1.243%
41	7.580	932	934	937	rVB2	1838842	1804714	34.46%	1.126%
42	7.610	937	939	941	rVB	619815	460478	8.79%	0.287%
43	7.680	944	951	953	rBV6	2010459	3906256	74.58%	2.437%
44	7.739	959	961	965	rVB2	1766426	2001761	38.22%	1.249%
45	7.780	965	968	970	rBV3	878320	1065880	20.35%	0.665%
46	7.810	970	973	976	rVV3	1236214	1546979	29.54%	0.965%
47	7.857	979	981	982	rBV	800370	450633	8.60%	0.281%
48	7.880	982	985	988	rVB2	1400574	1695822	32.38%	1.058%
49	7.939	991	995	998	rBV2	1523358	1598620	30.52%	0.997%
50	7.969	998	1000	1002	rBV	628448	526383	10.05%	0.328%
51	8.022	1003	1009	1011	rBV5	1482077	2829208	54.02%	1.765%
52	8.127	1023	1027	1029	rVB2	2731891	3946372	75.35%	2.462%
53	8.157	1029	1032	1034	rBV3	1132537	998926	19.07%	0.623%
54	8.222	1039	1043	1044	rBV3	1263995	1368181	26.12%	0.853%
55	8.269	1048	1051	1054	rVB3	1539574	1478747	28.23%	0.922%
56	8.357	1062	1066	1071	rVB7	1768470	2944042	56.21%	1.837%
57	8.410	1073	1075	1079	rVB4	1528147	1664436	31.78%	1.038%
58	8.457	1079	1083	1085	rBV2	1134773	1371765	26.19%	0.856%
59	8.492	1085	1089	1091	rBV	2555522	3376062	64.46%	2.106%
60	8.580	1101	1104	1106	rBV3	1674502	1538988	29.38%	0.960%
61	8.604	1106	1108	1112	rVV4	804768	988407	18.87%	0.617%
62	8.663	1116	1118	1121	rBV3	746265	982703	18.76%	0.613%
63	8.792	1137	1140	1142	rBV2	943422	932149	17.80%	0.581%
64	8.816	1142	1144	1147	rVB3	651283	560649	10.70%	0.350%
65	8.898	1155	1158	1160	rBV3	1543397	1394038	26.62%	0.870%
66	8.939	1163	1165	1167	rBV2	884930	952740	18.19%	0.594%
67	9.016	1176	1178	1184	rBV5	791484	1122956	21.44%	0.701%
68	9.092	1188	1191	1194	rVV3	2393203	3171907	60.56%	1.979%
69	9.151	1198	1201	1205	rVB2	1473185	1720471	32.85%	1.073%
70	9.233	1210	1215	1217	rBV3	1225671	2003531	38.25%	1.250%
71	9.433	1243	1249	1251	rBV3	1566012	2701576	51.58%	1.685%

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72	9.551	1264	1269	1271	rVB3	2302312	3957871	75.57%	2.469%
73	9.574	1271	1273	1276	rVB3	593012	491315	9.38%	0.306%
74	9.616	1278	1280	1282	rBV	773125	858501	16.39%	0.536%
75	9.698	1291	1294	1296	rBV3	1154911	1029009	19.65%	0.642%
76	9.792	1308	1310	1312	rBV2	710863	816259	15.58%	0.509%
77	9.939	1331	1335	1339	rBV3	1165805	2038858	38.93%	1.272%
78	10.016	1346	1348	1349	rBV	780530	599801	11.45%	0.374%
79	10.086	1356	1360	1367	rVB7	1758841	2849618	54.41%	1.778%
80	10.157	1369	1372	1375	rBV2	1251465	1381195	26.37%	0.862%
81	10.186	1375	1377	1382	rVB4	1489071	1770106	33.80%	1.104%
82	10.239	1383	1386	1389	rBV3	1156055	1640223	31.32%	1.023%
83	10.474	1420	1426	1428	rBV2	2051475	3121626	59.60%	1.947%
84	10.751	1467	1473	1479	rVB	2823278	5237468	100.00%	3.267%
85	10.968	1508	1510	1513	rVB2	837567	675969	12.91%	0.422%
86	11.045	1521	1523	1525	rBV2	641051	718322	13.72%	0.448%
87	11.204	1546	1550	1553	rBV	1940932	2330007	44.49%	1.453%
88	11.357	1573	1576	1578	rBV	604644	539079	10.29%	0.336%
89	11.545	1606	1608	1611	rVB2	820759	714598	13.64%	0.446%
90	11.827	1654	1656	1659	rBV	580401	591455	11.29%	0.369%
91	11.857	1659	1661	1664	rVB	770220	696414	13.30%	0.434%
92	11.933	1672	1674	1677	rVV	613225	602229	11.50%	0.376%
93	11.963	1677	1679	1683	rVB3	723386	762810	14.56%	0.476%
94	12.057	1693	1695	1698	rVB2	574635	594043	11.34%	0.371%
95	12.268	1729	1731	1734	rVB	574241	484581	9.25%	0.302%
96	12.374	1746	1749	1752	rBV	673265	599146	11.44%	0.374%
97	12.898	1835	1838	1841	rVB	2425390	2132463	40.72%	1.330%
98	13.968	2016	2020	2027	rVB	782715	797394	15.22%	0.497%
99	14.680	2138	2141	2149	rBV	461545	558965	10.67%	0.349%
100	15.439	2265	2270	2281	rBV	603770	816704	15.59%	0.509%

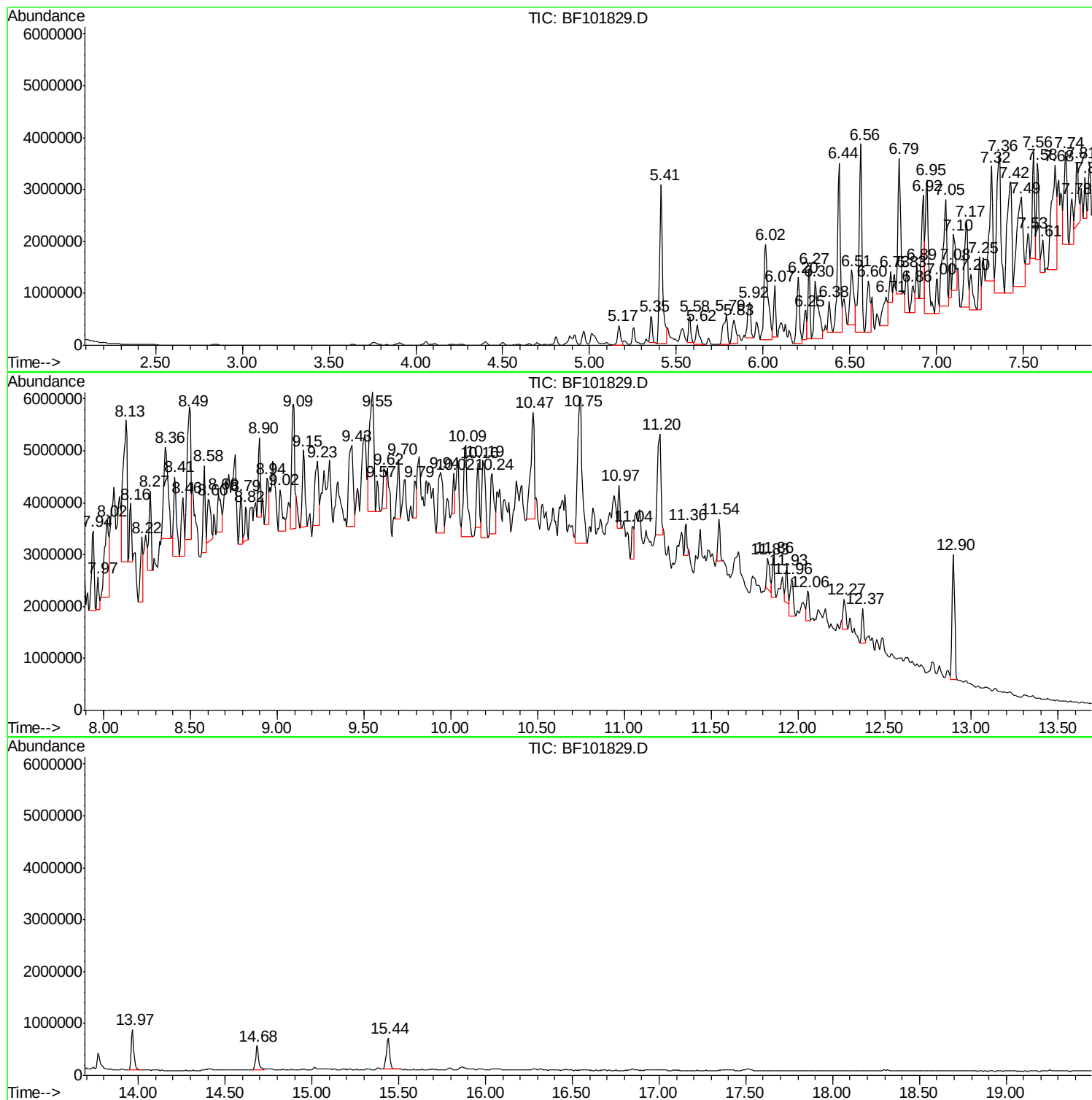
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ClientSampled :
LB-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.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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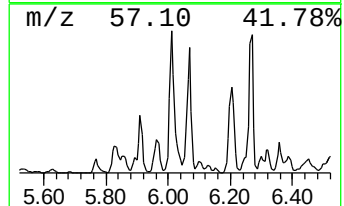
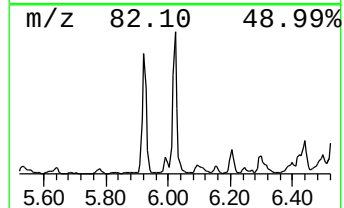
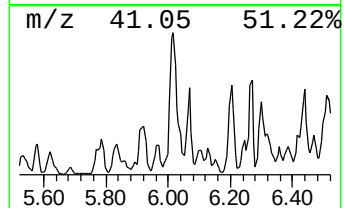
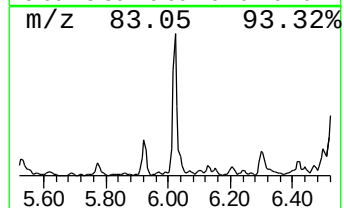
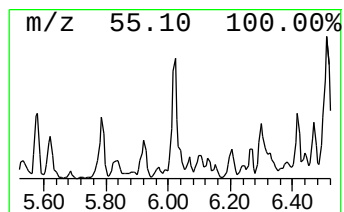
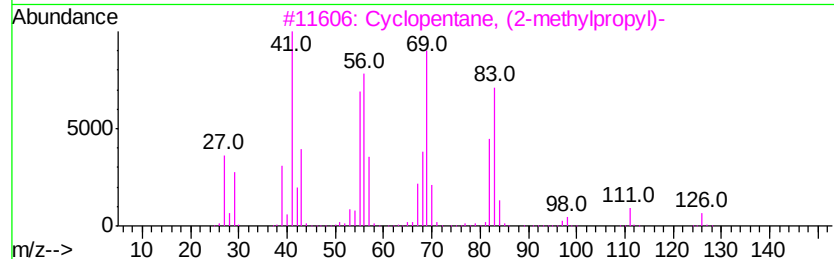
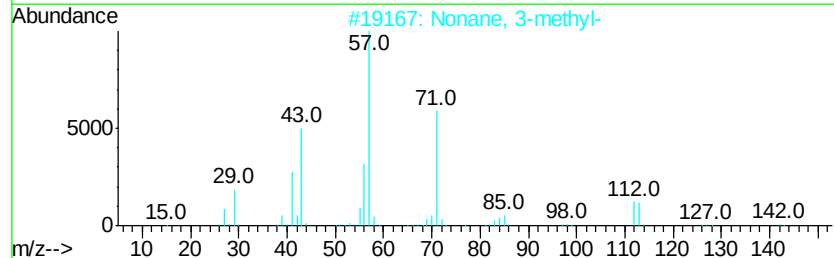
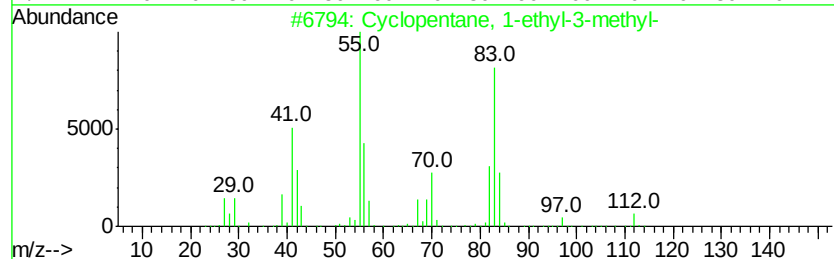
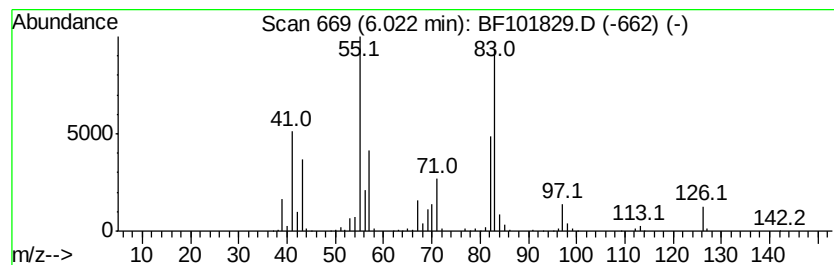
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, 1-ethyl-3-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	27.09 ng	3032800	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	52
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	35



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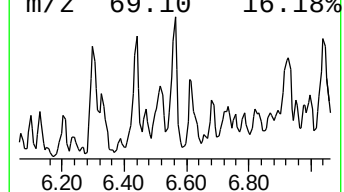
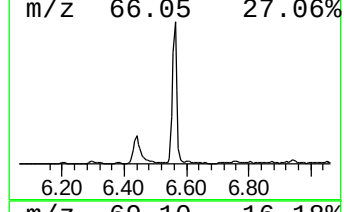
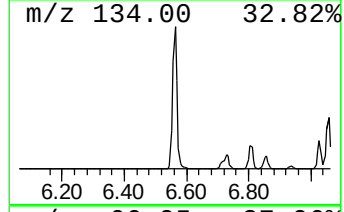
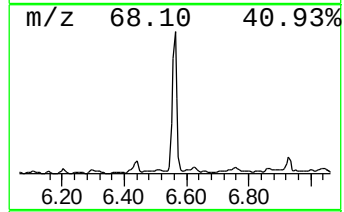
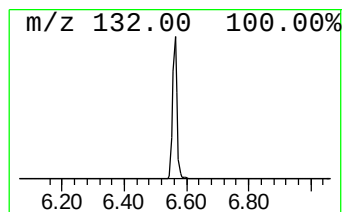
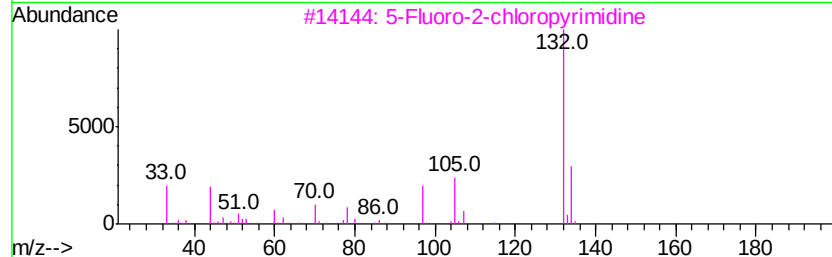
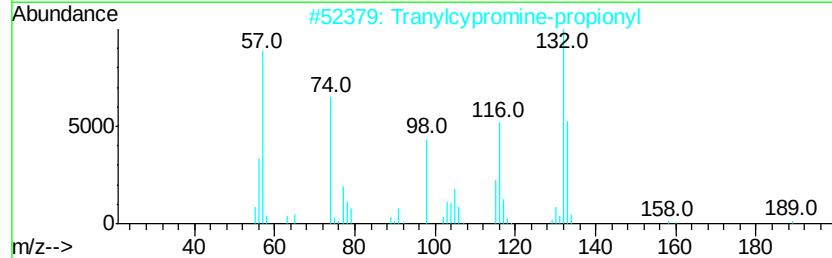
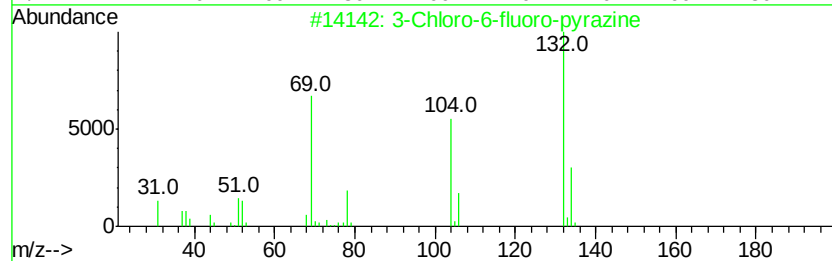
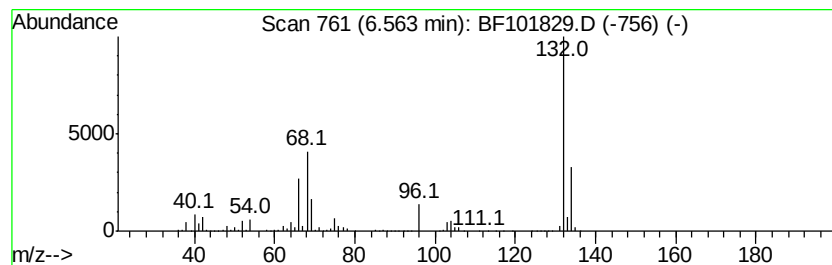
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	39.05 ng	4371950	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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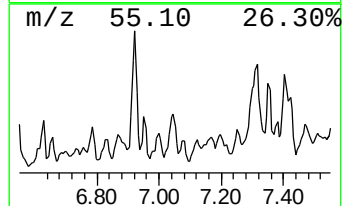
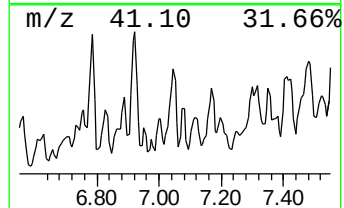
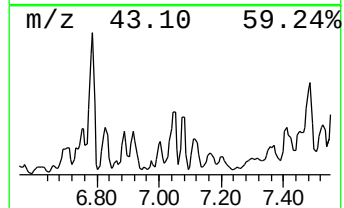
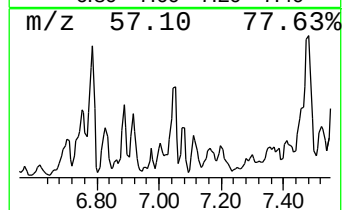
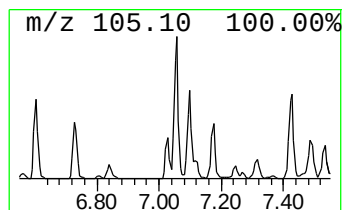
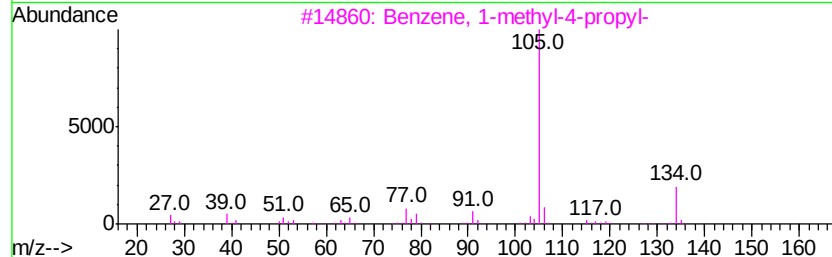
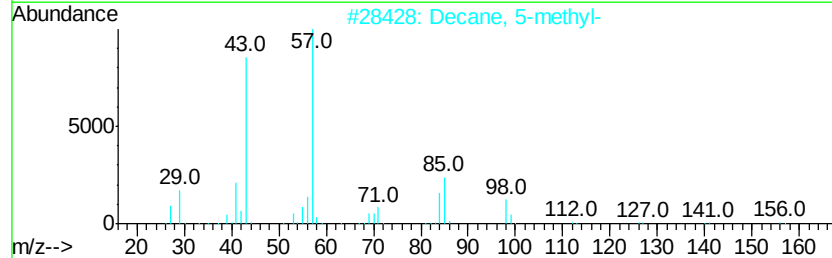
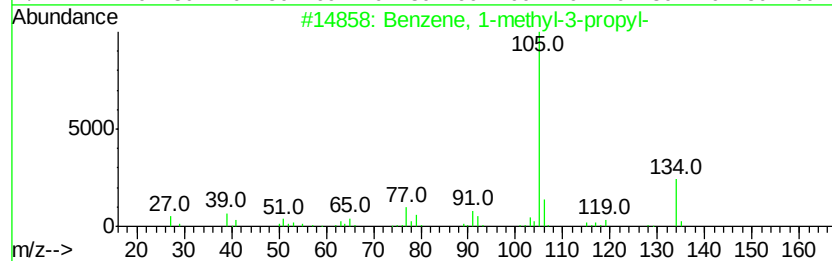
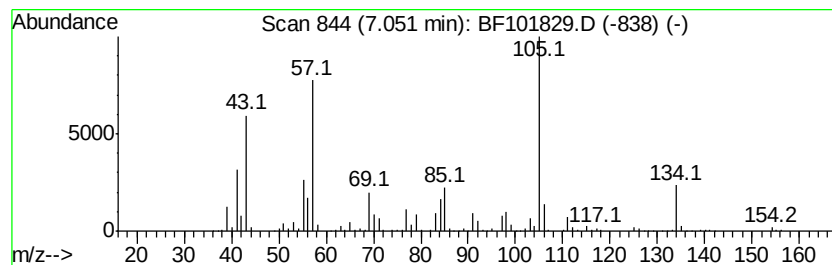
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	28.42 ng	3181930	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2		Decane, 5-methyl-	156	C11H24	013151-35-4	43
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101829.D
Acq On : 29 Dec 2017 15:15
Operator : SJ/JU
Sample : I7023-03
Misc :
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Instrument :
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ClientSampleId :
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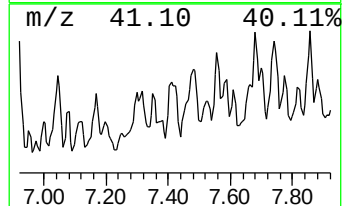
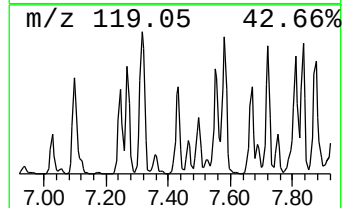
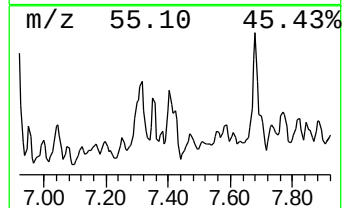
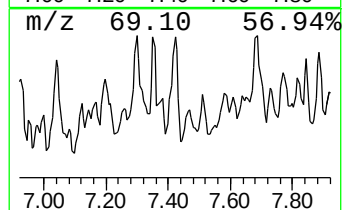
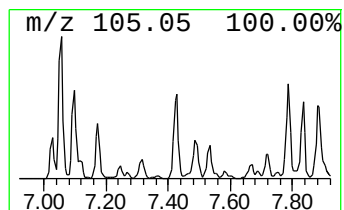
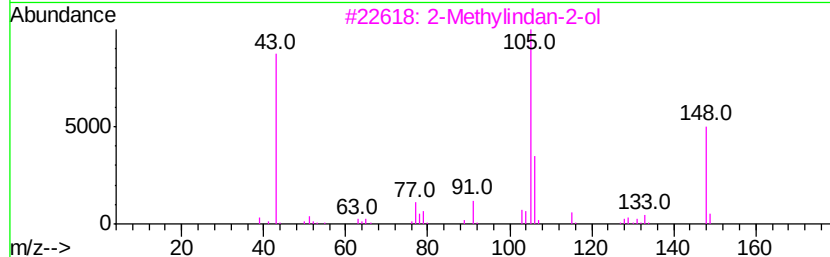
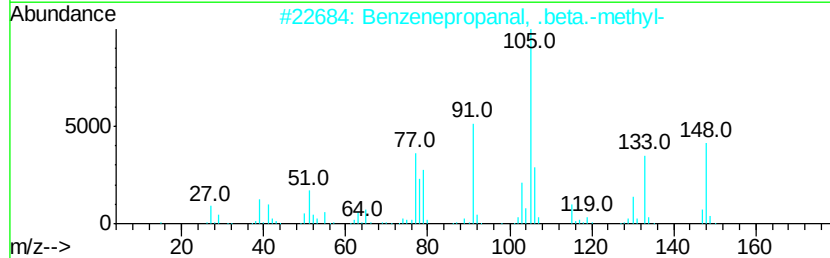
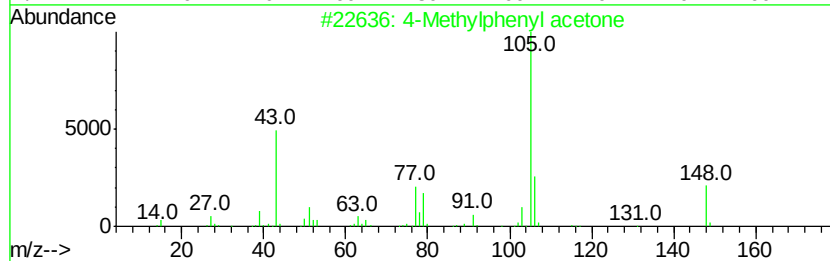
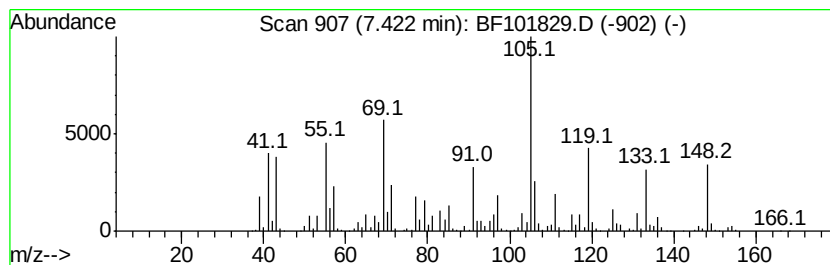
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.42 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	32.81 ng	3674260	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
2			Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	38
3			2-Methylindan-2-ol	148	C10H12O	033223-84-6	30
4			Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	30
5			Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101829.D
Acq On : 29 Dec 2017 15:15
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampled :
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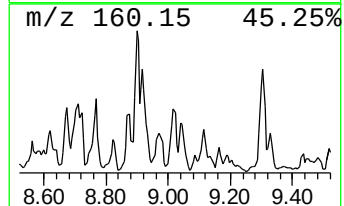
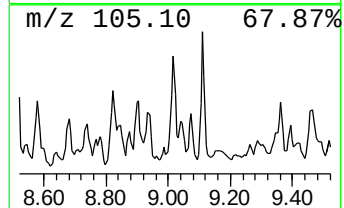
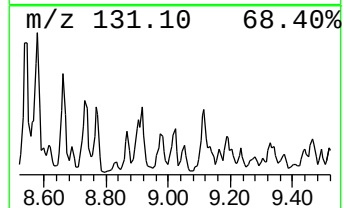
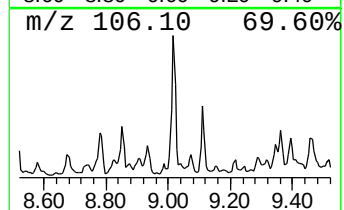
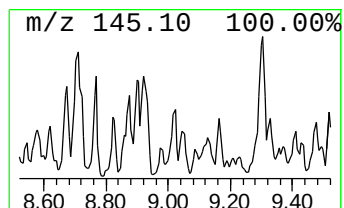
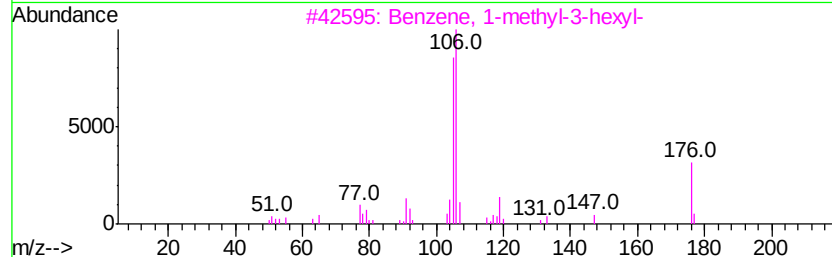
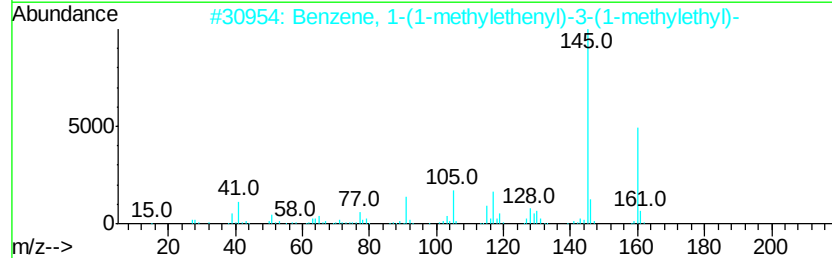
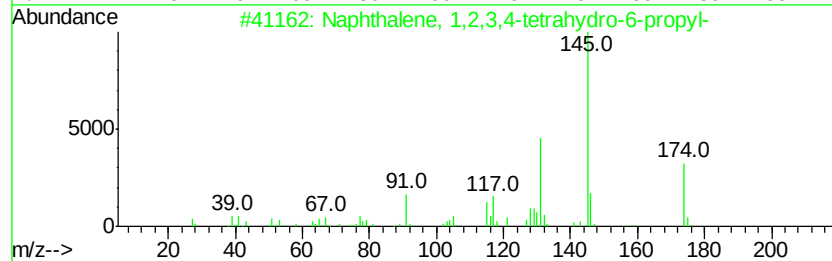
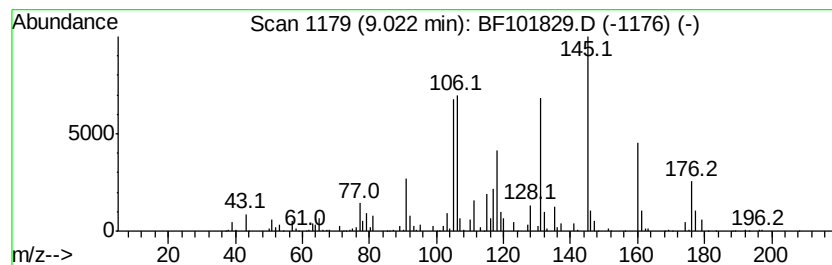
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	27.51 ng	1122960	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	38
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	27
3		Benzene, 1-methyl-3-hexyl-	176	C13H20	001595-03-5	25
4		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	22
5		1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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Acq On : 29 Dec 2017 15:15
Operator : SJ/JU
Sample : I7023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

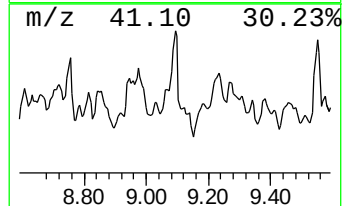
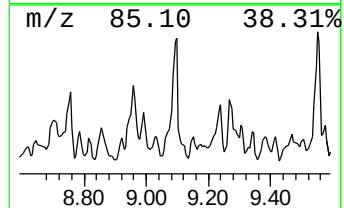
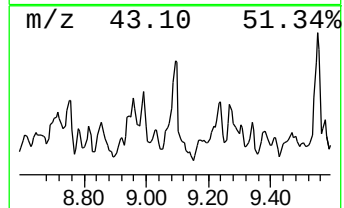
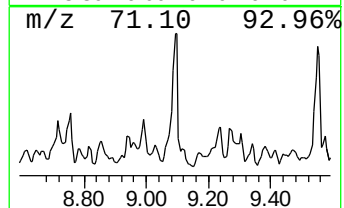
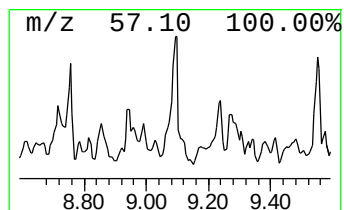
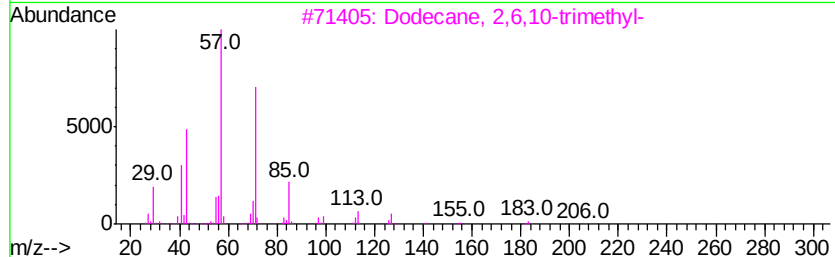
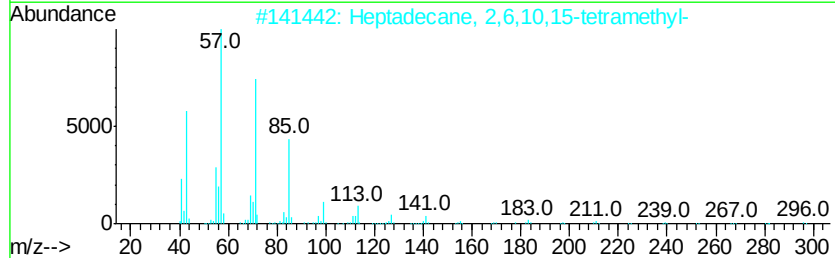
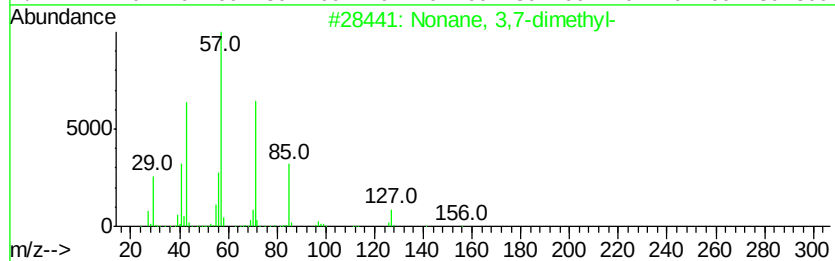
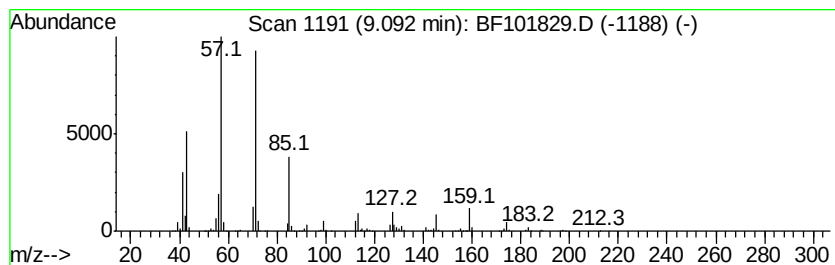
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 3,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	77.72 ng	3171910	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	74
2	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72
3	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	64
4	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	64
5	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101829.D
Acq On : 29 Dec 2017 15:15
Operator : SJ/JU
Sample : I7023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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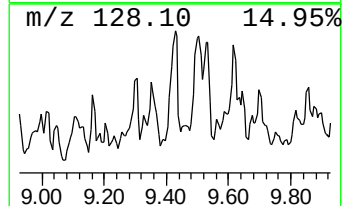
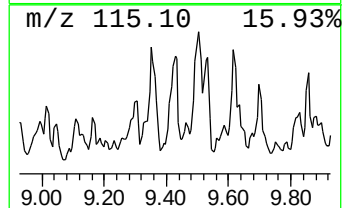
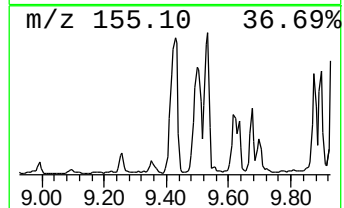
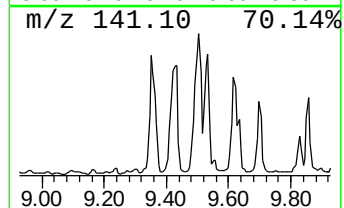
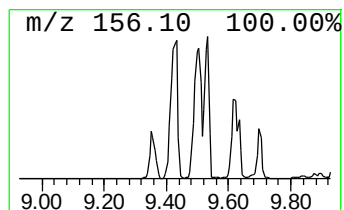
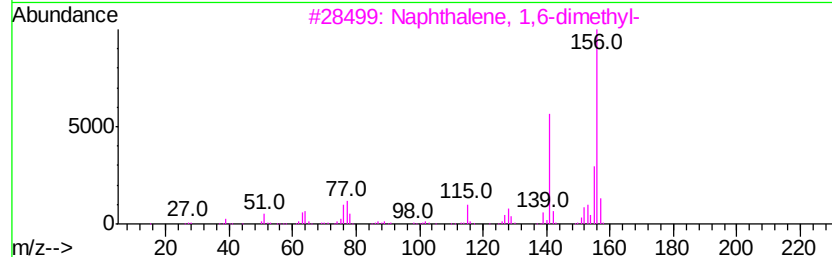
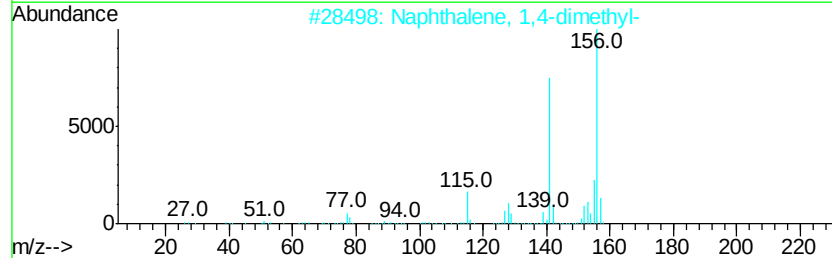
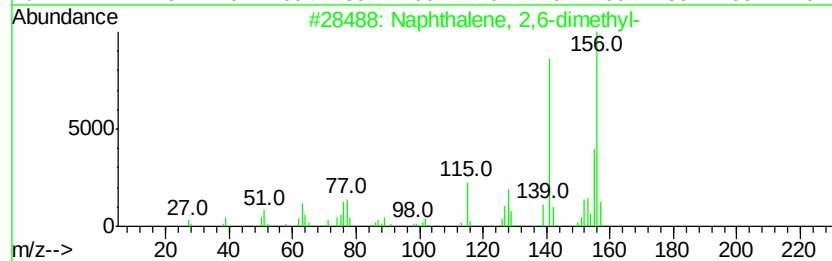
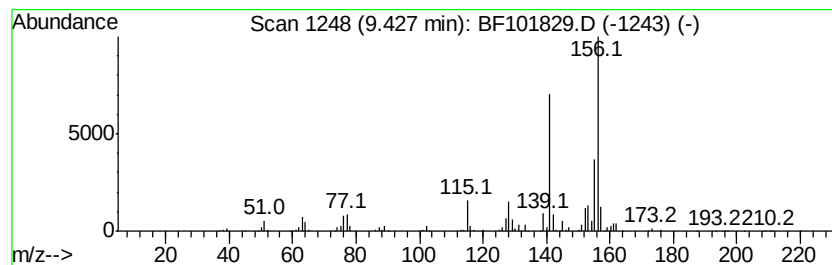
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	66.19 ng	2701580	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101829.D
Acq On : 29 Dec 2017 15:15
Operator : SJ/JU
Sample : I7023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LB-3

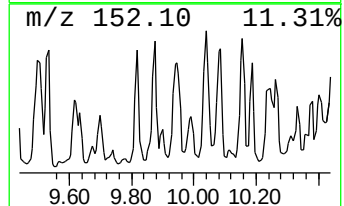
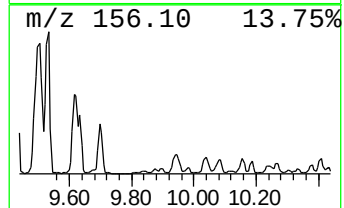
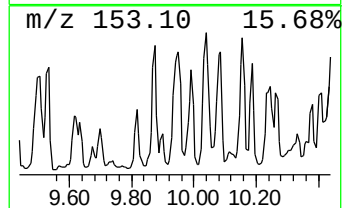
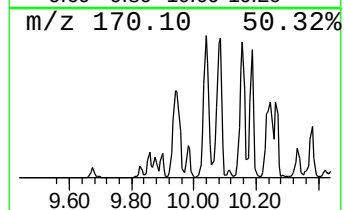
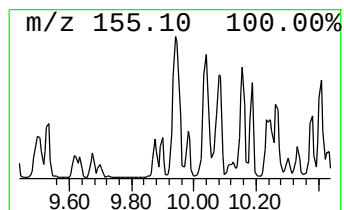
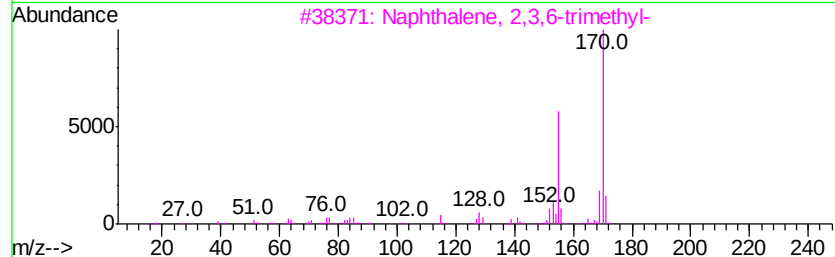
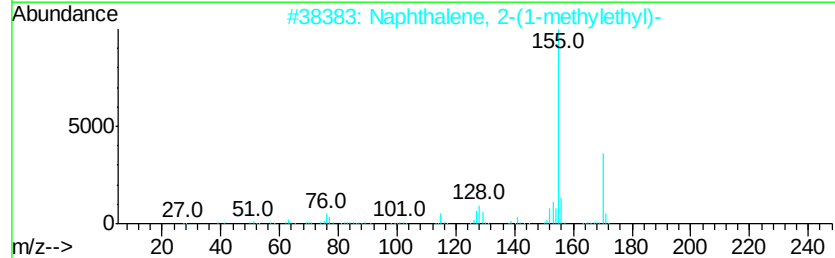
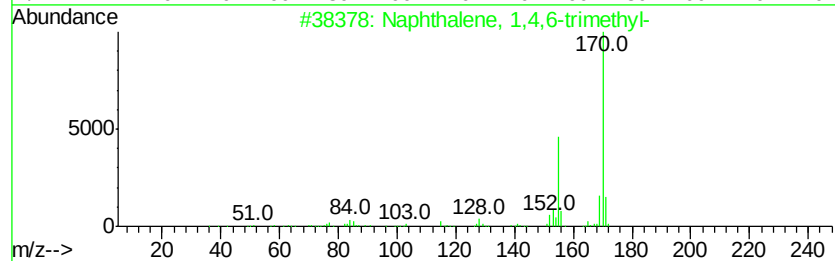
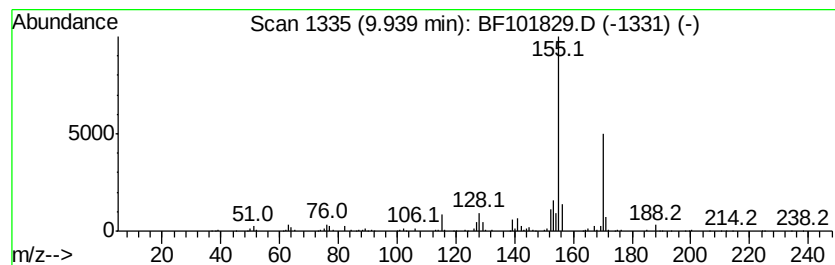
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	49.96 ng	2038860	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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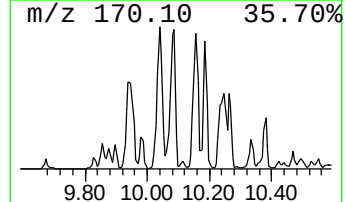
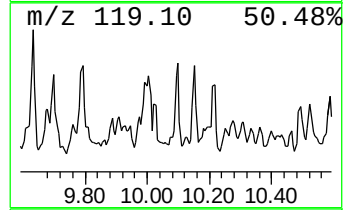
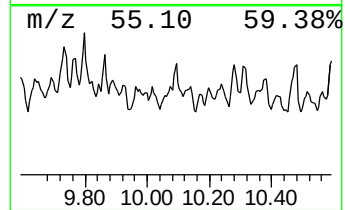
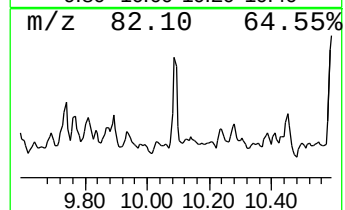
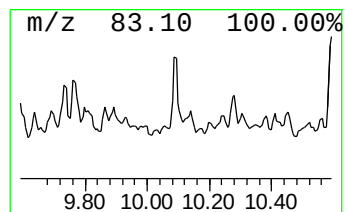
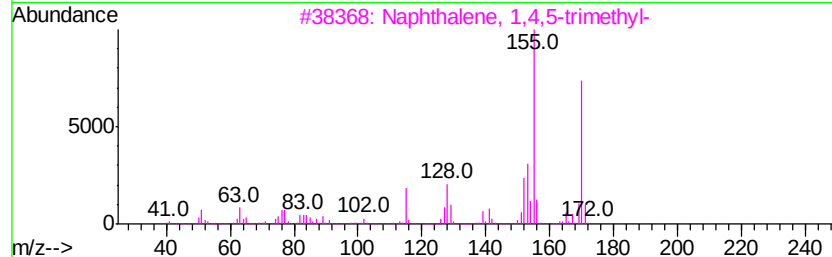
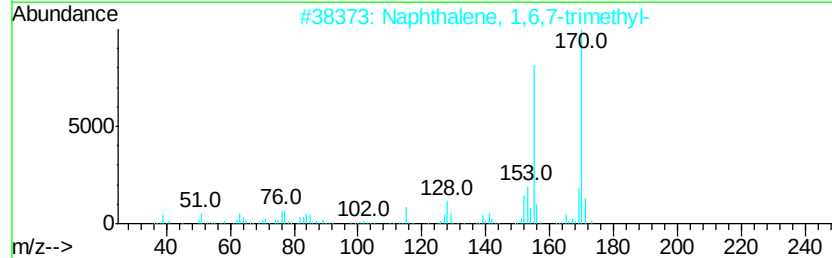
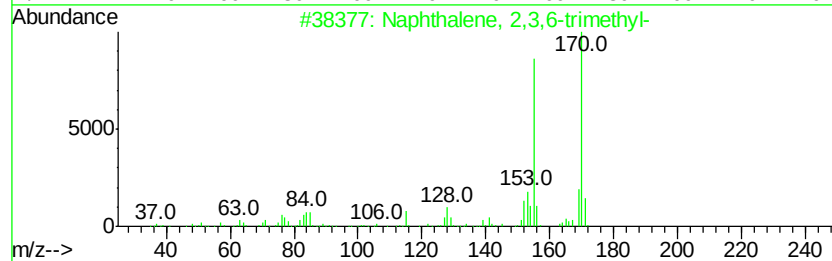
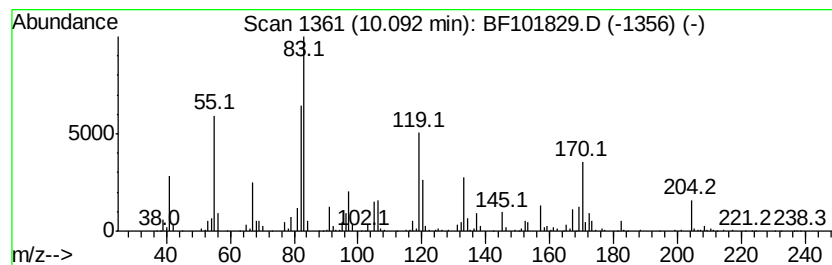
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.09	69.82 ng	2849620	Acenaphthene-d10		9.84
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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Acq On : 29 Dec 2017 15:15
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Instrument :
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ClientSampleId :
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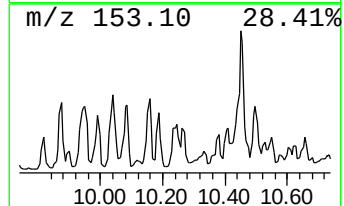
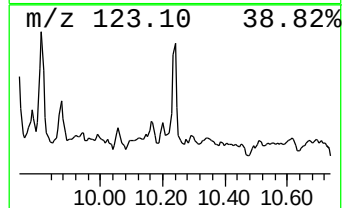
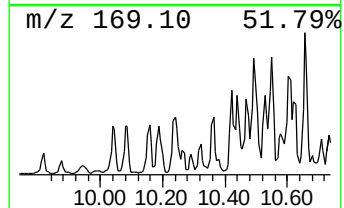
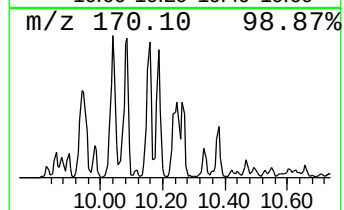
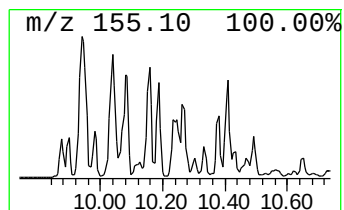
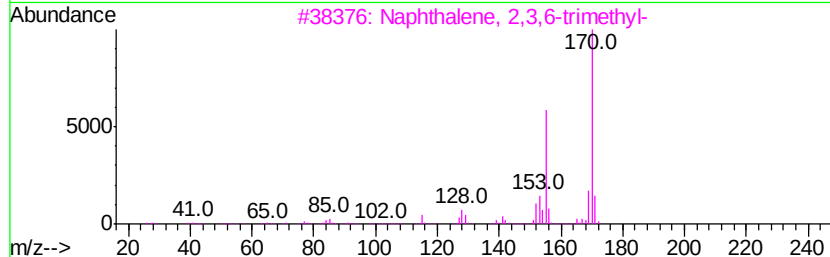
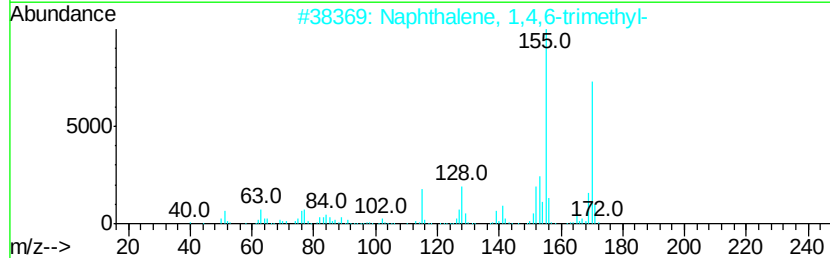
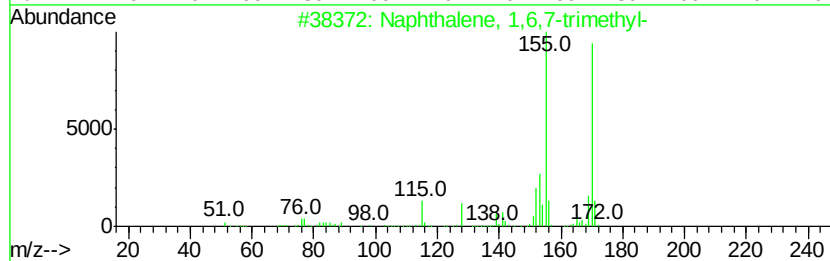
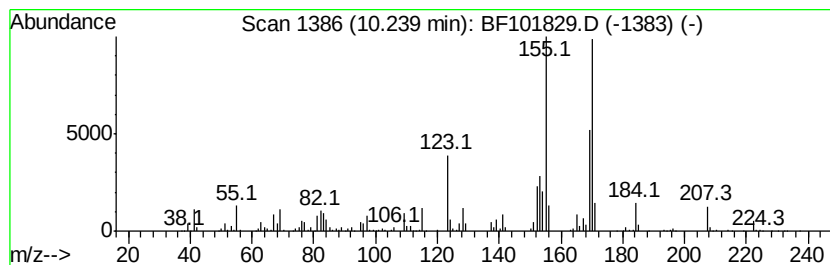
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	40.19 ng	1640220	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101829.D
Acq On : 29 Dec 2017 15:15
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Sample : I7023-03
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ALS Vial : 15 Sample Multiplier: 1

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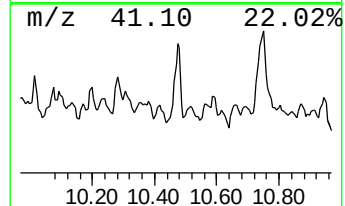
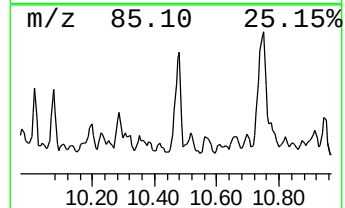
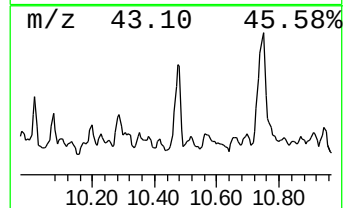
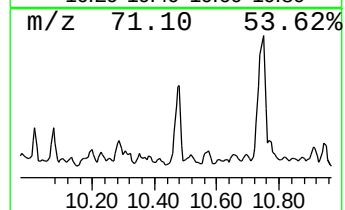
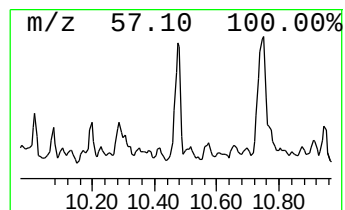
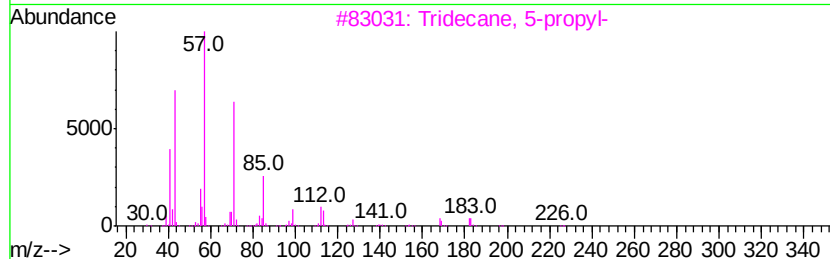
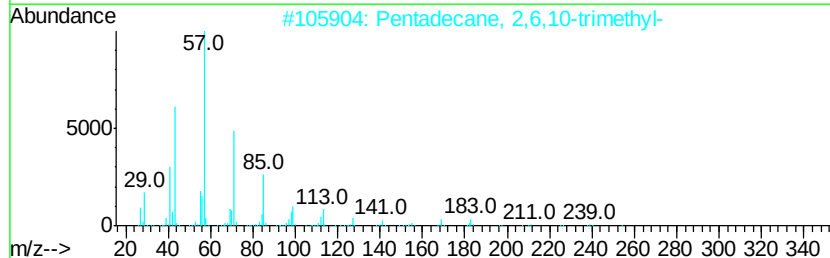
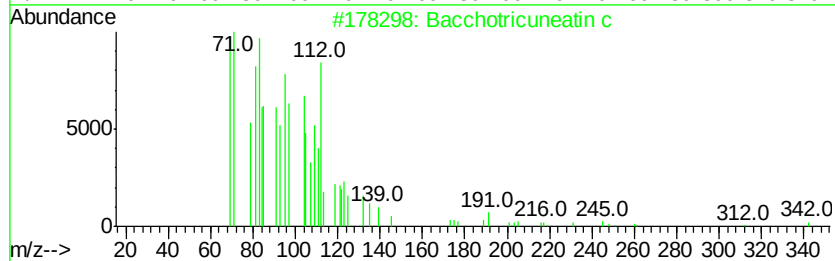
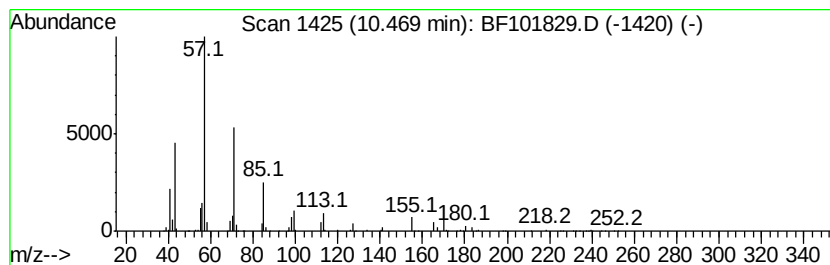
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	76.49 ng	3121630	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



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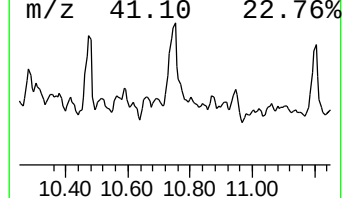
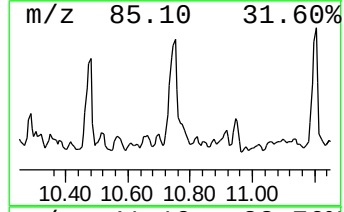
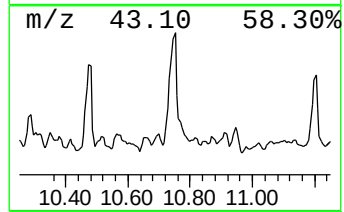
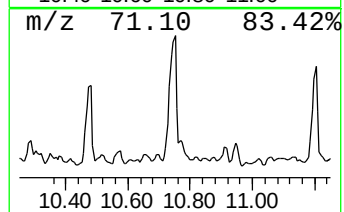
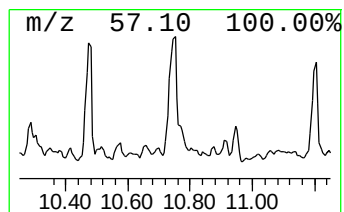
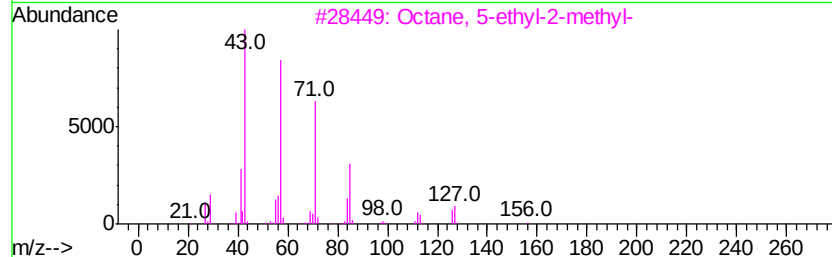
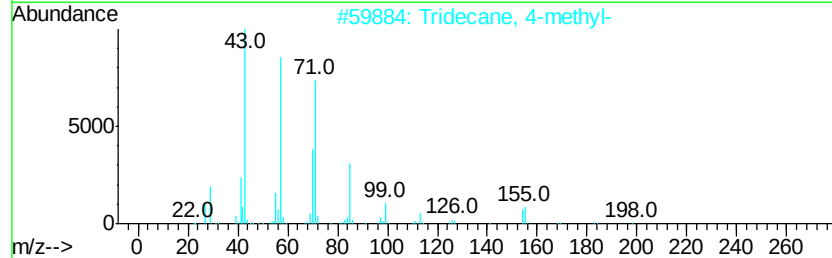
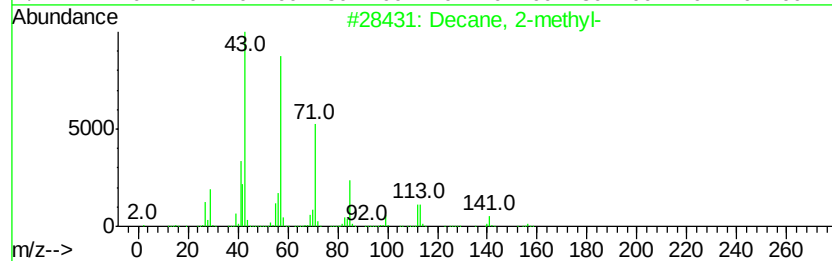
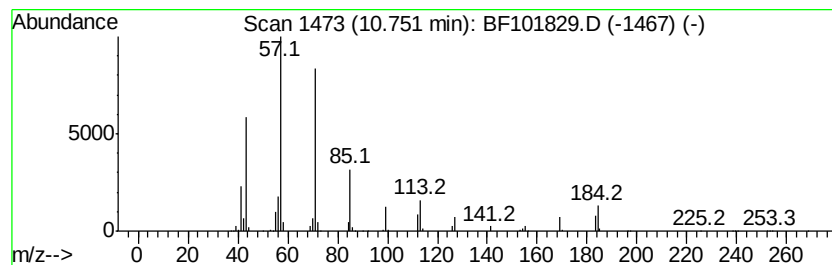
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.75	194.31 ng	5237470	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	80	
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64	
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	52	
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50	
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50	



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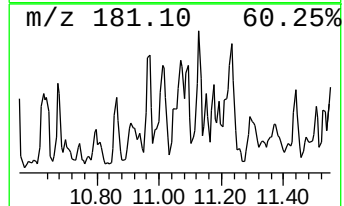
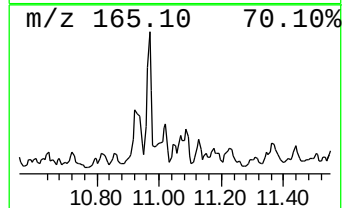
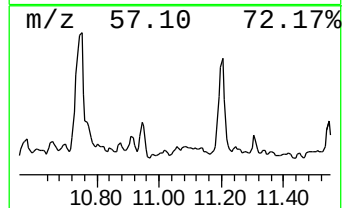
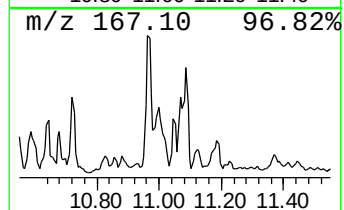
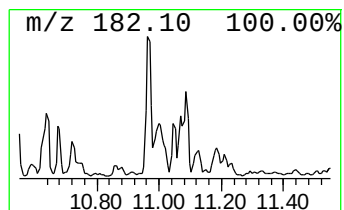
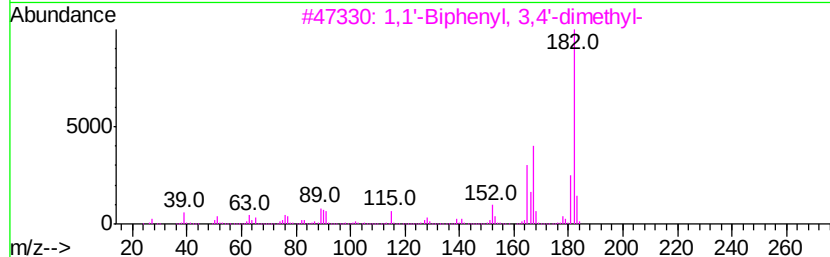
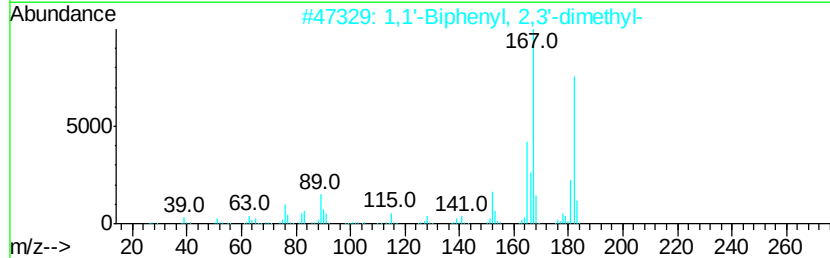
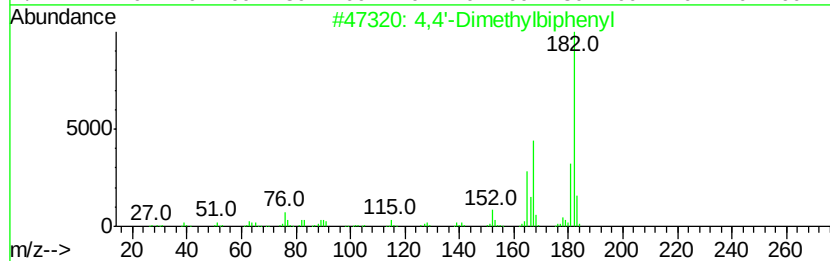
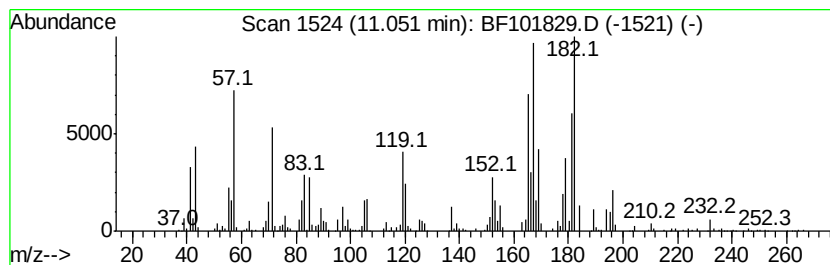
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	26.65 ng	718322	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
3		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	60
5		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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Acq On : 29 Dec 2017 15:15
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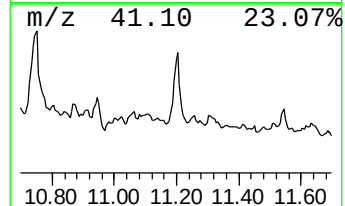
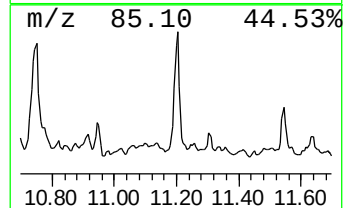
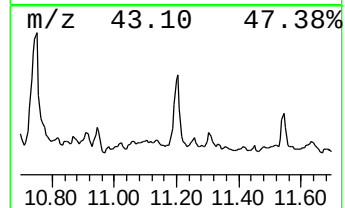
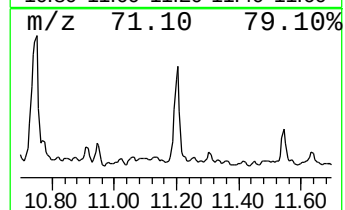
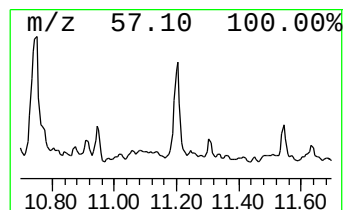
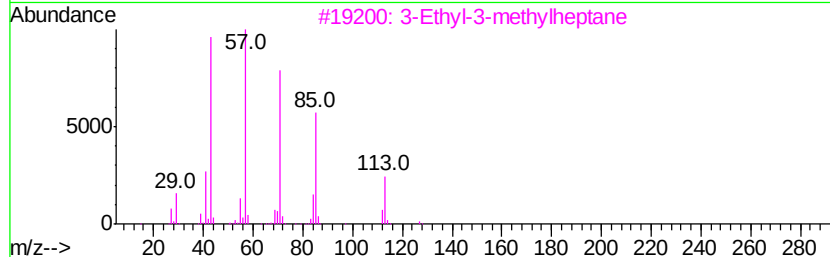
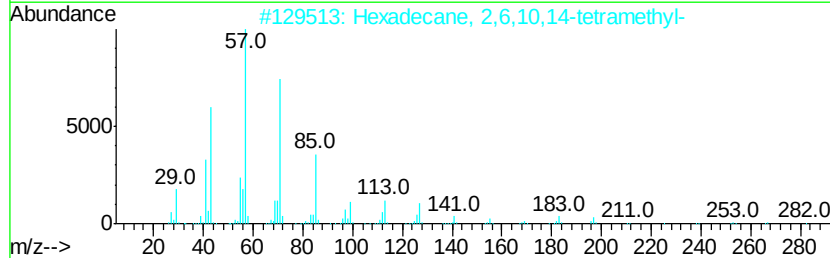
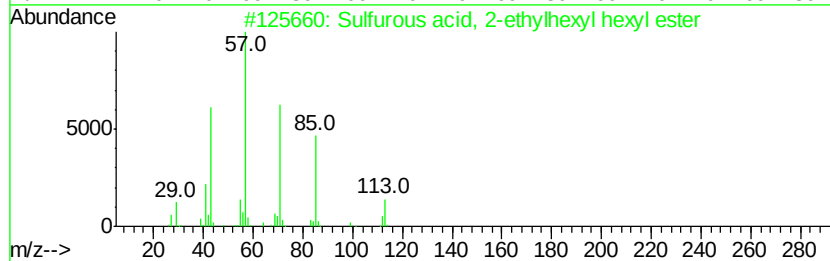
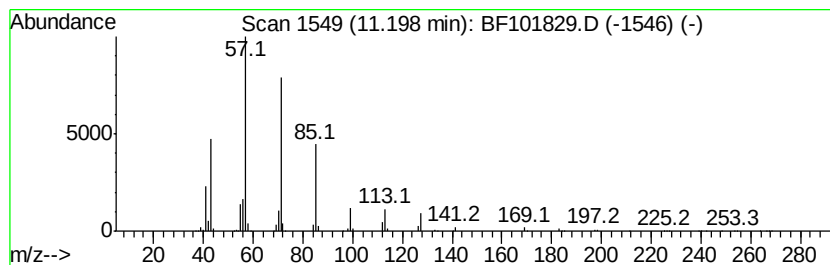
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	86.44 ng	2330010	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	53



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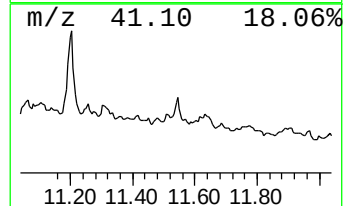
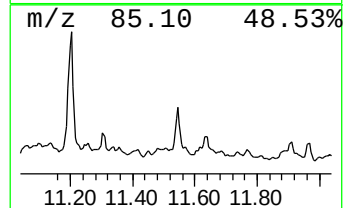
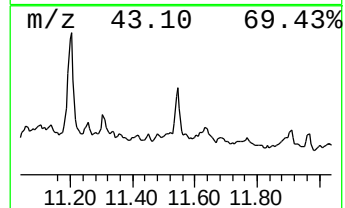
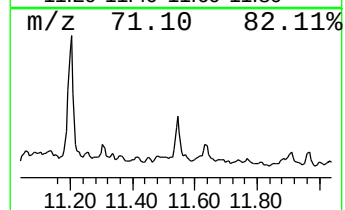
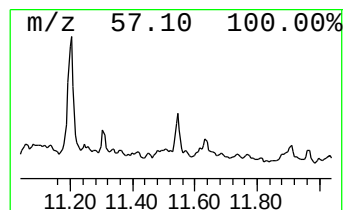
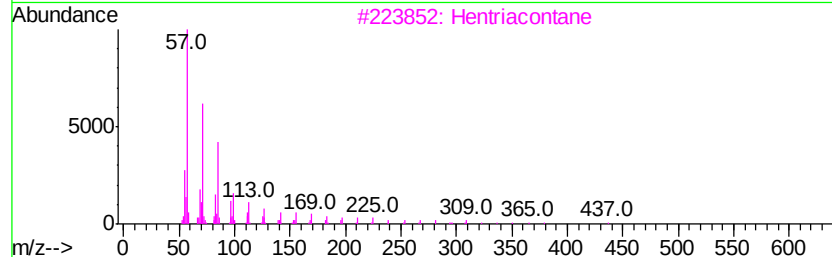
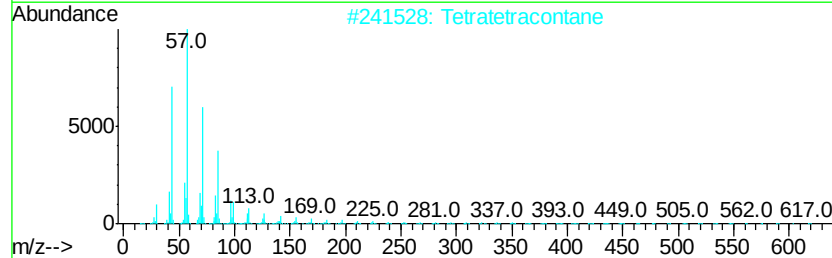
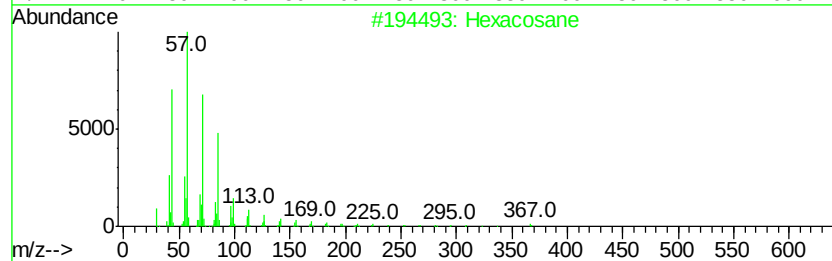
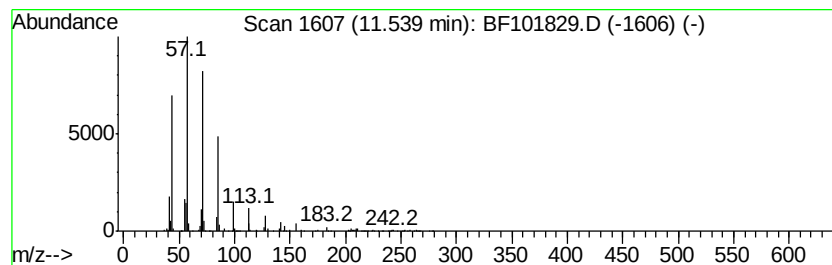
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	26.51 ng	714598	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Hentriacontane	437	C31H64	000630-04-6	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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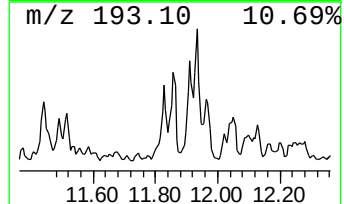
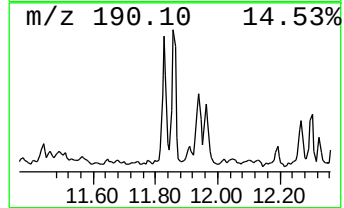
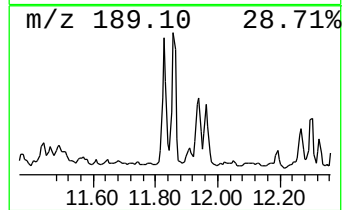
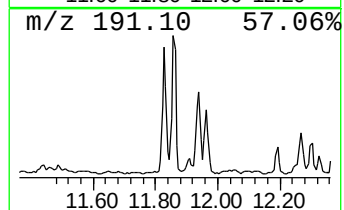
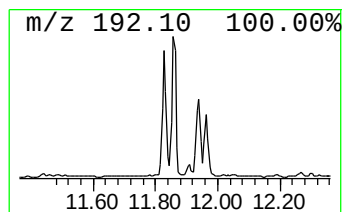
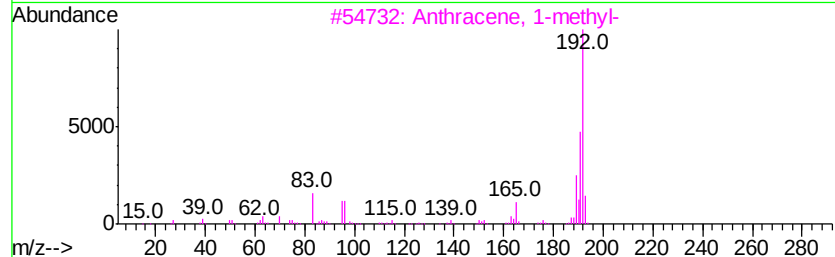
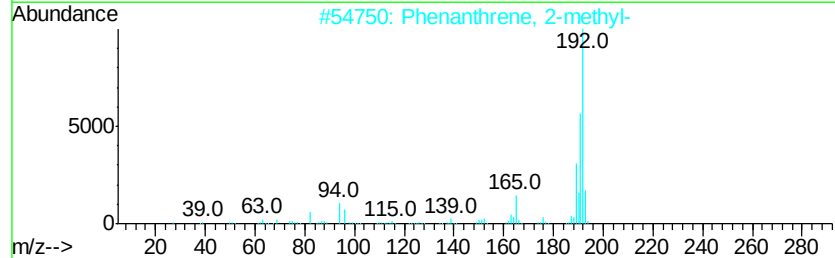
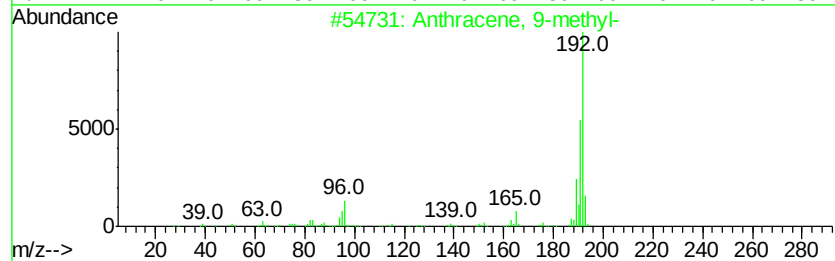
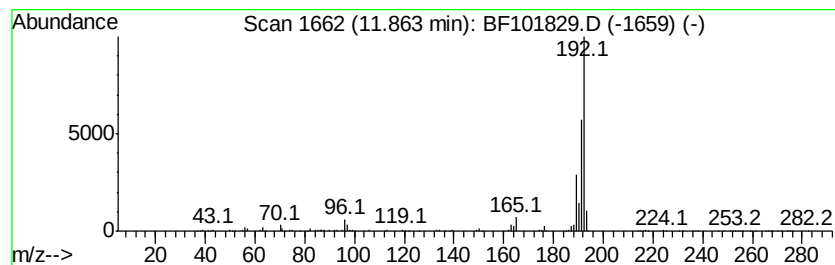
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	25.84 ng	696414	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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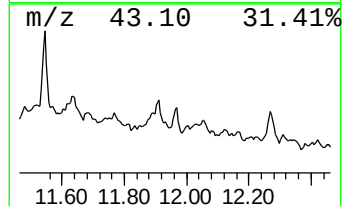
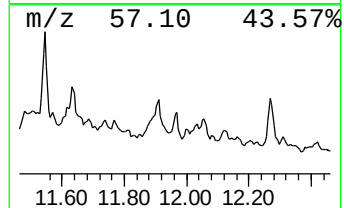
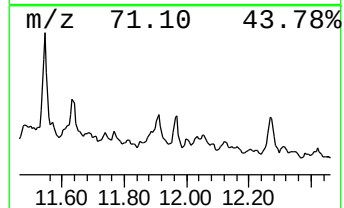
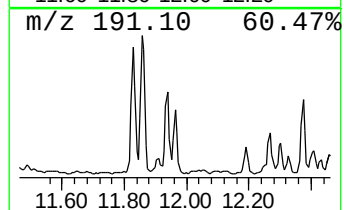
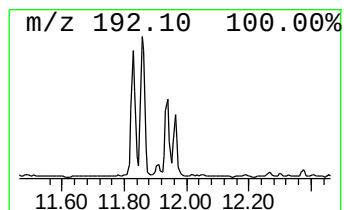
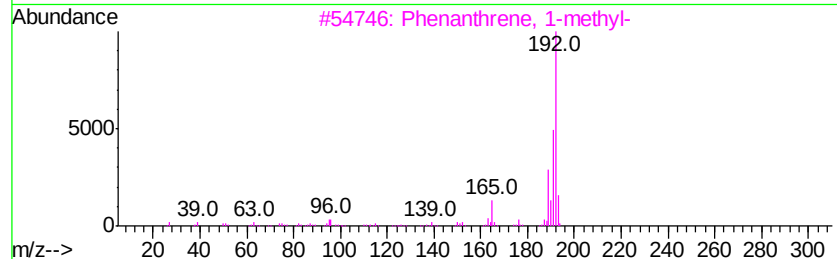
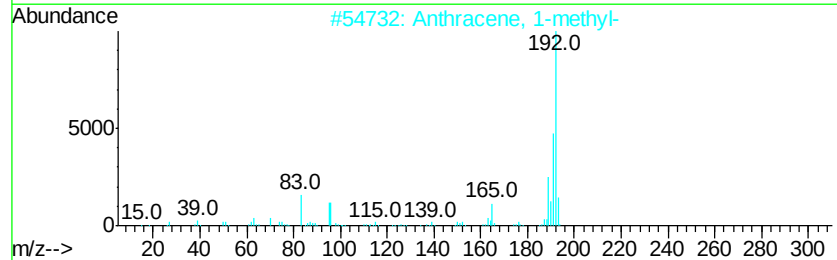
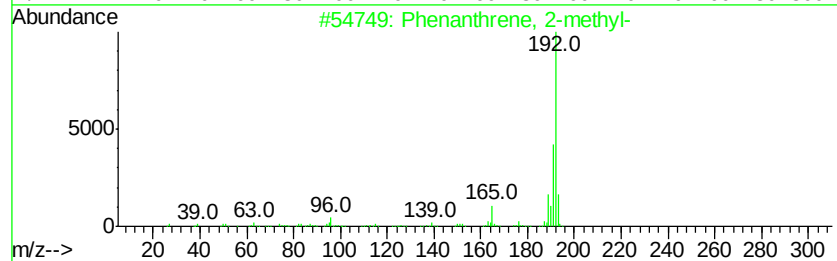
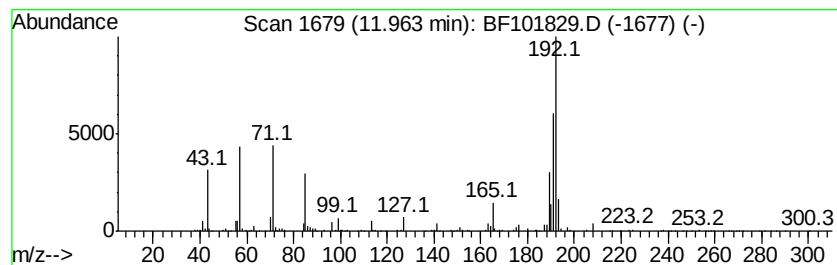
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	28.30 ng	762810	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
 Data File : BF101829.D
 Acq On : 29 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I7023-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
Cyclopentane, 1-e...	6.02	27.1 ng		3032800	1	6.79	2239440	20.0
unknown6.56	6.56	39.0 ng		4371950	1	6.79	2239440	20.0
Benzene, 1-methyl...	7.05	28.4 ng		3181930	1	6.79	2239440	20.0
unknown7.42	7.42	32.8 ng		3674260	1	6.79	2239440	20.0
unknown9.02	9.02	27.5 ng		1122960	3	9.84	816259	20.0
Nonane, 3,7-dimet...	9.09	77.7 ng		3171910	3	9.84	816259	20.0
Naphthalene, 2,6-...	9.43	66.2 ng		2701580	3	9.84	816259	20.0
Naphthalene, 1,4,...	9.94	50.0 ng		2038860	3	9.84	816259	20.0
Naphthalene, 2,3,...	10.09	69.8 ng		2849620	3	9.84	816259	20.0
Naphthalene, 1,6,...	10.24	40.2 ng		1640220	3	9.84	816259	20.0
Bacchotricuneatin c	10.47	76.5 ng		3121630	3	9.84	816259	20.0
Decane, 2-methyl-	10.75	194.3 ng		5237470	4	11.33	539079	20.0
4,4'-Dimethylbiph...	11.05	26.6 ng		718322	4	11.33	539079	20.0
Sulfurous acid, 2...	11.20	86.4 ng		2330010	4	11.33	539079	20.0
Hexacosane	11.54	26.5 ng		714598	4	11.33	539079	20.0
Anthracene, 9-met...	11.86	25.8 ng		696414	4	11.33	539079	20.0
Phenanthrene, 2-m...	11.96	28.3 ng		762810	4	11.33	539079	20.0