

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101637.D
 Acq On : 22 Dec 2017 6:14
 Operator : SJ/JU
 Sample : I6966-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-0-4

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	4.998	492	495	508	rBV	340860	531276	14.51%	0.452%
2	5.257	535	539	543	rBV	390175	456611	12.47%	0.388%
3	5.363	554	557	559	rBV	678160	713570	19.49%	0.607%
4	5.410	562	565	584	rVV	2591579	3244557	88.61%	2.760%
5	6.028	664	670	676	rBV2	847150	1270148	34.69%	1.081%
6	6.081	676	679	682	rVV	790624	686277	18.74%	0.584%
7	6.222	697	703	706	rBV	664498	931052	25.43%	0.792%
8	6.257	706	709	711	rBV2	288539	324609	8.87%	0.276%
9	6.281	711	713	715	rVB	981216	722375	19.73%	0.615%
10	6.316	715	719	726	rBV4	869300	1411777	38.56%	1.201%
11	6.369	726	728	731	rVV	579012	496585	13.56%	0.422%
12	6.439	736	740	745	rVV	2562535	3518072	96.09%	2.993%
13	6.481	745	747	750	rVV2	758862	745466	20.36%	0.634%
14	6.528	750	755	759	rVV4	985506	2164547	59.12%	1.841%
15	6.569	759	762	767	rVB	3187027	3515891	96.03%	2.991%
16	6.622	767	771	773	rBV2	1071437	1236991	33.78%	1.052%
17	6.639	773	774	777	rVV2	575084	454614	12.42%	0.387%
18	6.704	781	785	786	rVV3	329407	423783	11.57%	0.361%
19	6.722	786	788	790	rVV3	401611	487915	13.33%	0.415%
20	6.745	790	792	794	rVV3	713467	792900	21.66%	0.675%
21	6.769	794	796	797	rVV	741231	696759	19.03%	0.593%
22	6.798	798	801	804	rVV	3436954	3487591	95.25%	2.967%
23	6.845	804	809	811	rVV4	788067	1234800	33.72%	1.050%
24	6.875	811	814	816	rVV3	729116	1147758	31.35%	0.976%
25	6.898	816	818	821	rVV2	1013863	1268094	34.63%	1.079%
26	6.934	821	824	825	rVV	2493904	2385892	65.16%	2.030%
27	6.951	825	827	832	rVV2	2528885	3357213	91.69%	2.856%
28	6.987	832	833	835	rVV	409074	316624	8.65%	0.269%
29	7.016	835	838	840	rVV2	890214	909027	24.83%	0.773%
30	7.063	840	846	848	rVV4	1834355	2637024	72.02%	2.243%
31	7.092	848	851	853	rVV	1151631	1059501	28.94%	0.901%
32	7.134	853	858	860	rVV3	742221	1310811	35.80%	1.115%
33	7.181	860	866	869	rVV2	1561555	2330840	63.66%	1.983%
34	7.210	869	871	876	rVV4	605954	855018	23.35%	0.727%

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35	7.257	876	879	881	rVV2	430506	491270	13.42%	0.418%
36	7.310	885	888	889	rVV	1324706	1384732	37.82%	1.178%
37	7.328	889	891	894	rVV	1677771	1773659	48.44%	1.509%
38	7.369	894	898	904	rVV4	2389466	3542882	96.76%	3.014%
39	7.434	904	909	912	rVV5	1119663	1747829	47.74%	1.487%
40	7.492	912	919	924	rVV4	637806	1478253	40.37%	1.258%
41	7.539	924	927	929	rVV4	403708	479622	13.10%	0.408%
42	7.563	929	931	933	rVV	1144300	888465	24.27%	0.756%
43	7.592	933	936	939	rVV2	805173	814045	22.23%	0.693%
44	7.686	946	952	954	rBV4	961900	1206507	32.95%	1.026%
45	7.710	954	956	960	rVV3	610118	661303	18.06%	0.563%
46	7.745	960	962	966	rVB2	455794	509566	13.92%	0.433%
47	7.816	971	974	977	rBV	1083377	974610	26.62%	0.829%
48	7.886	983	986	989	rBV2	301699	333617	9.11%	0.284%
49	8.045	1011	1013	1015	rVV2	322300	354071	9.67%	0.301%
50	8.075	1015	1018	1020	rVV	1139886	1176785	32.14%	1.001%
51	8.098	1020	1022	1024	rVV	1520000	1278594	34.92%	1.088%
52	8.128	1024	1027	1029	rVB	939699	891068	24.34%	0.758%
53	8.157	1029	1032	1039	rVB4	260350	344715	9.41%	0.293%
54	8.357	1058	1066	1071	rBV5	544124	928251	25.35%	0.790%
55	8.486	1085	1088	1090	rBV	1025561	798835	21.82%	0.680%
56	8.657	1115	1117	1121	rVV3	359280	437472	11.95%	0.372%
57	8.698	1121	1124	1126	rVV4	224701	345252	9.43%	0.294%
58	8.751	1130	1133	1137	rVB2	500769	562324	15.36%	0.478%
59	8.792	1137	1140	1142	rBV	1084094	908275	24.81%	0.773%
60	8.892	1151	1157	1159	rVV2	891074	1071539	29.27%	0.912%
61	8.939	1163	1165	1167	rVV2	374728	384264	10.49%	0.327%
62	8.975	1169	1171	1175	rVB3	419106	540135	14.75%	0.460%
63	9.022	1175	1179	1182	rBV4	302418	322222	8.80%	0.274%
64	9.086	1188	1190	1193	rVV	1420564	1056172	28.85%	0.899%
65	9.151	1197	1201	1205	rVV	2971499	2642061	72.16%	2.248%
66	9.228	1210	1214	1216	rBV2	626062	735255	20.08%	0.625%
67	9.263	1217	1220	1222	rVV2	367984	396327	10.82%	0.337%
68	9.345	1231	1234	1239	rVB2	317240	375846	10.27%	0.320%
69	9.416	1243	1246	1251	rBV	1065519	1486434	40.60%	1.265%
70	9.492	1255	1259	1261	rVV2	1292847	1560171	42.61%	1.327%
71	9.522	1261	1264	1265	rVV	1194740	1232844	33.67%	1.049%

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72	9.545	1265	1268	1270	rVV2	1619393	1671255	45.65%	1.422%
73	9.610	1275	1279	1280	rBV2	537251	524135	14.32%	0.446%
74	9.692	1290	1293	1296	rBV3	611372	574004	15.68%	0.488%
75	9.733	1296	1300	1301	rBV2	358088	395672	10.81%	0.337%
76	9.751	1301	1303	1307	rVB2	318555	318506	8.70%	0.271%
77	9.828	1312	1316	1319	rVV2	1708376	1919638	52.43%	1.633%
78	9.869	1319	1323	1325	rVV2	1283092	1299062	35.48%	1.105%
79	9.933	1330	1334	1338	rBV2	698620	982864	26.84%	0.836%
80	9.980	1339	1342	1345	rBV4	442030	604193	16.50%	0.514%
81	10.010	1345	1347	1349	rVV	443350	384572	10.50%	0.327%
82	10.039	1349	1352	1355	rVB2	1280421	1308997	35.75%	1.114%
83	10.075	1355	1358	1362	rBV2	1259793	1322294	36.11%	1.125%
84	10.151	1367	1371	1373	rBV	798915	900345	24.59%	0.766%
85	10.180	1373	1376	1382	rVB2	760663	975419	26.64%	0.830%
86	10.239	1382	1386	1387	rBV2	690036	934332	25.52%	0.795%
87	10.386	1407	1411	1417	rBV2	1237078	1398346	38.19%	1.190%
88	10.469	1420	1425	1431	rBV2	1914653	2708304	73.97%	2.304%
89	10.586	1443	1445	1449	rVB3	337403	339084	9.26%	0.288%
90	10.633	1449	1453	1455	rBV2	1201310	1358321	37.10%	1.156%
91	10.739	1466	1471	1478	rVB	2653082	3661416	100.00%	3.115%
92	10.822	1482	1485	1487	rVB2	328865	332129	9.07%	0.283%
93	10.916	1499	1501	1503	rBV	377104	400942	10.95%	0.341%
94	11.180	1543	1546	1548	rBV3	623849	804420	21.97%	0.684%
95	11.210	1548	1551	1557	rVB2	1788770	2394739	65.40%	2.037%
96	11.363	1573	1577	1580	rVB	2657448	3203290	87.49%	2.725%
97	11.410	1582	1585	1587	rBV	1020918	848615	23.18%	0.722%
98	11.557	1607	1610	1614	rBV2	928494	1254693	34.27%	1.067%
99	11.833	1655	1657	1660	rBV	689947	720363	19.67%	0.613%
100	11.869	1660	1663	1666	rVB	736514	766799	20.94%	0.652%

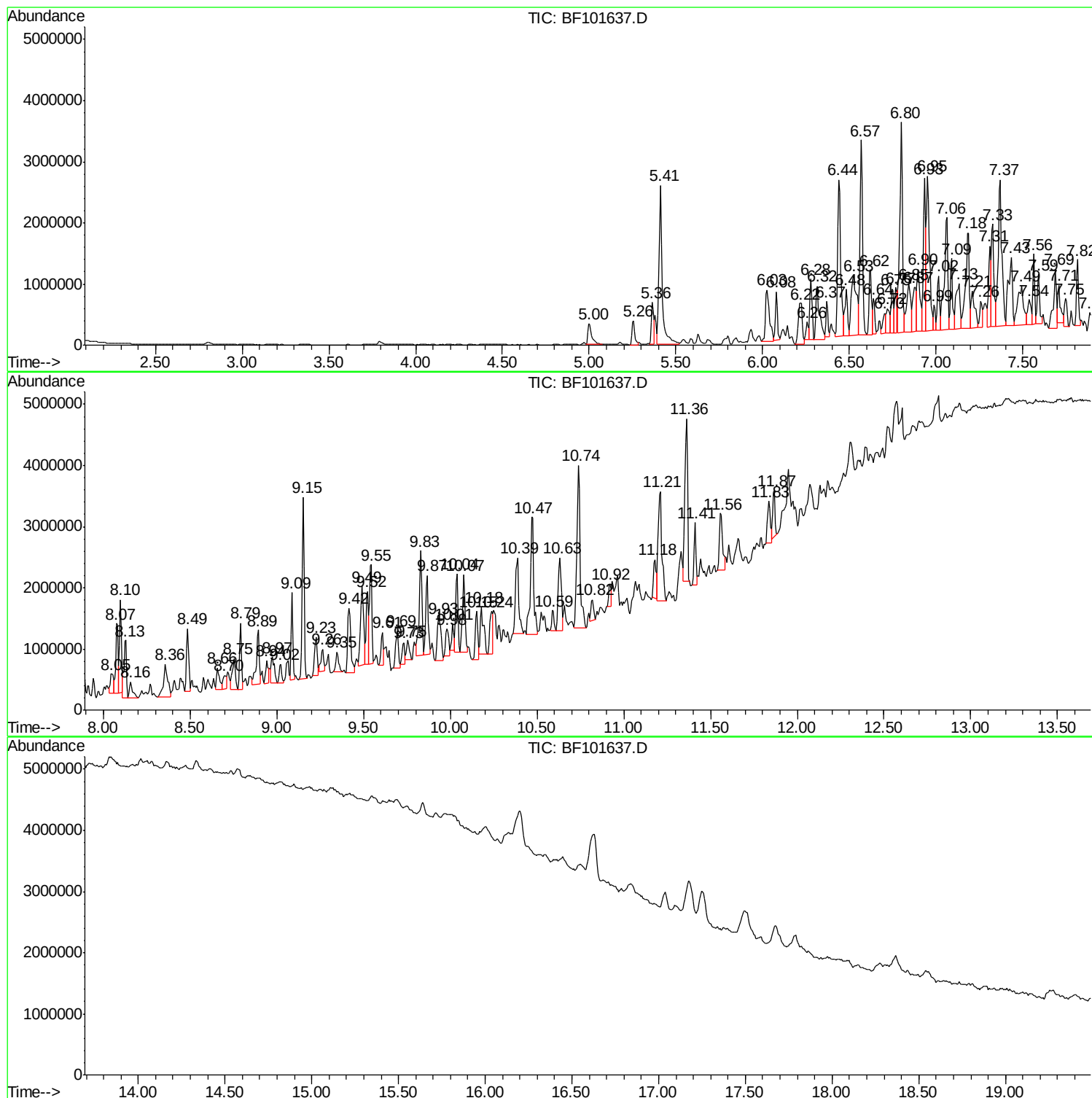
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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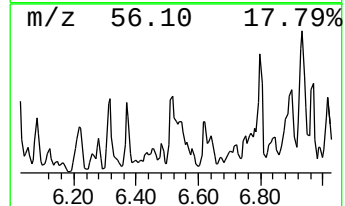
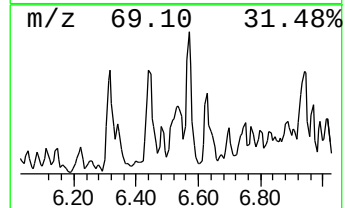
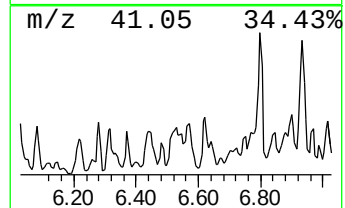
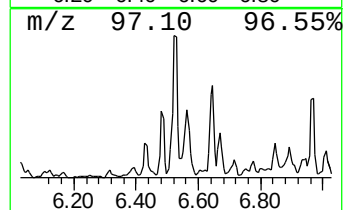
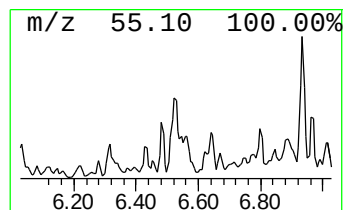
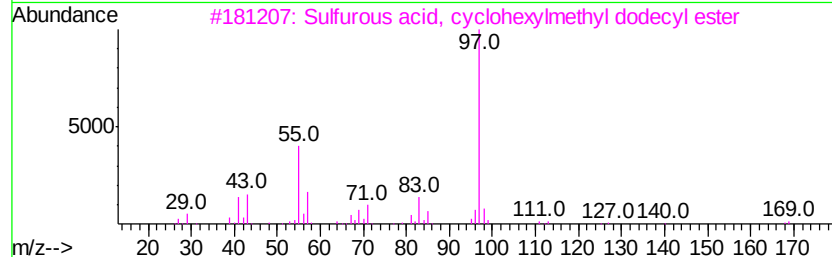
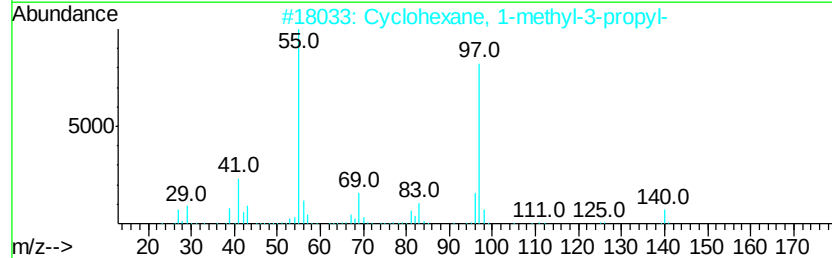
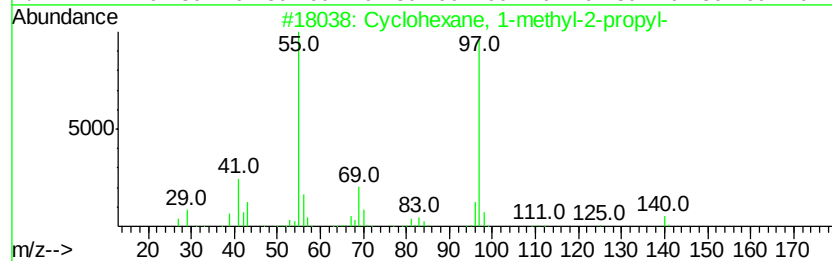
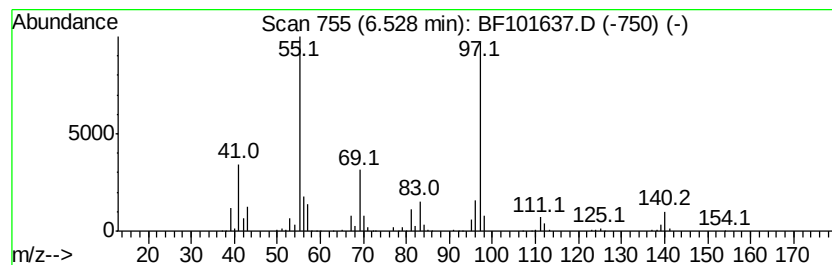
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1-methyl-2-pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	12.41 ng	2164550	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	83
3		Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	64
4		Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	001678-82-6	64
5		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64



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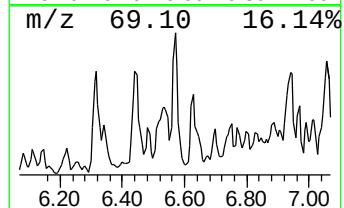
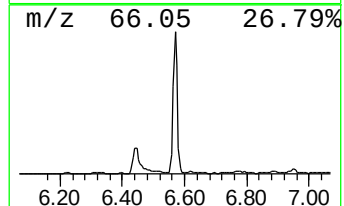
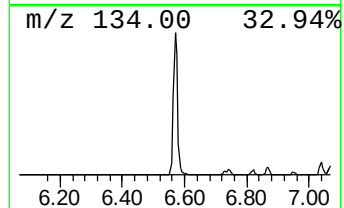
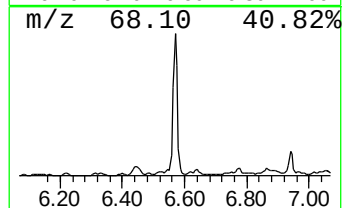
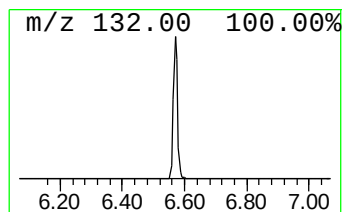
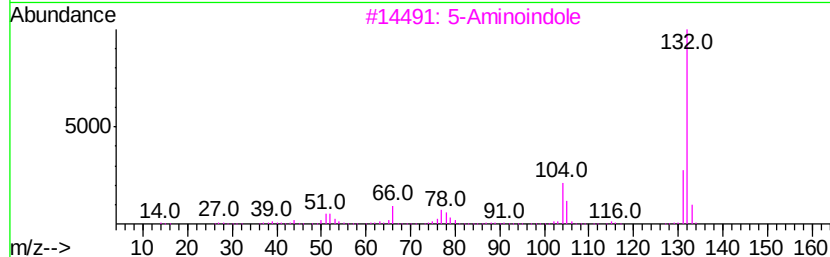
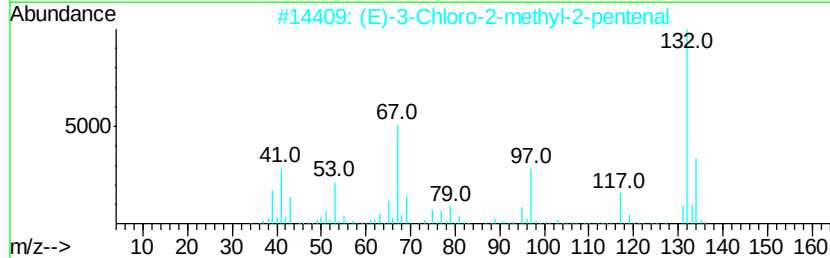
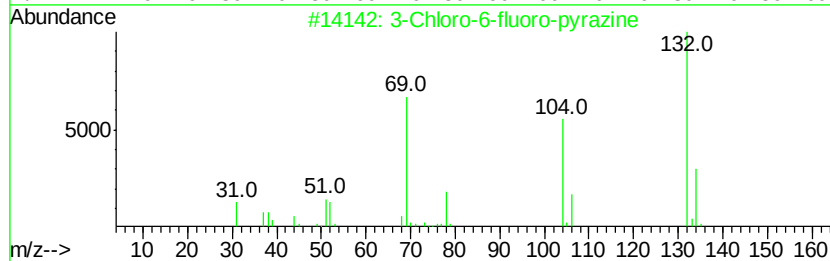
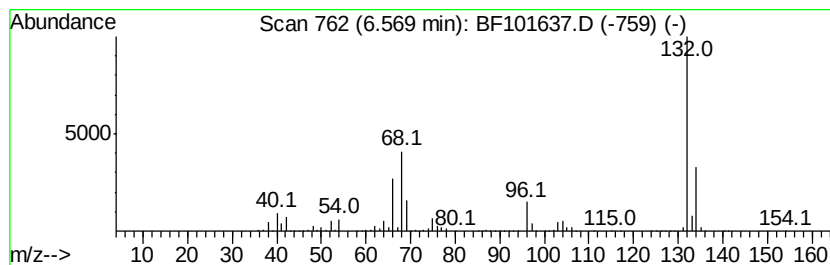
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Peak Number 2 unknown6.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	20.16 ng	3515890	1,4-Dichlorobenzene-d4	6.80

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	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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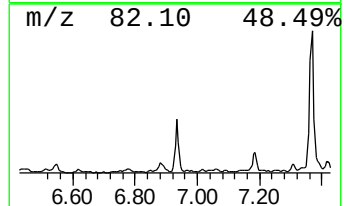
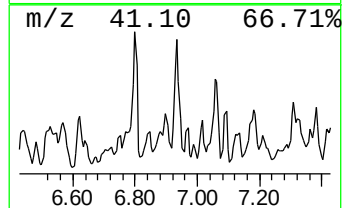
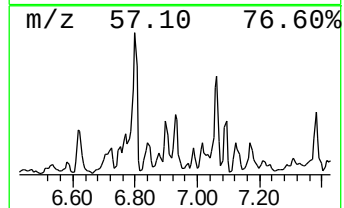
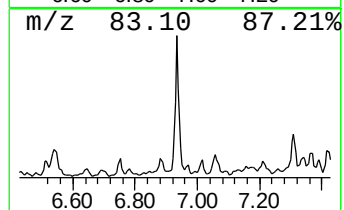
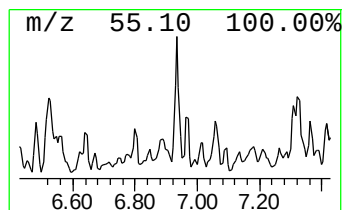
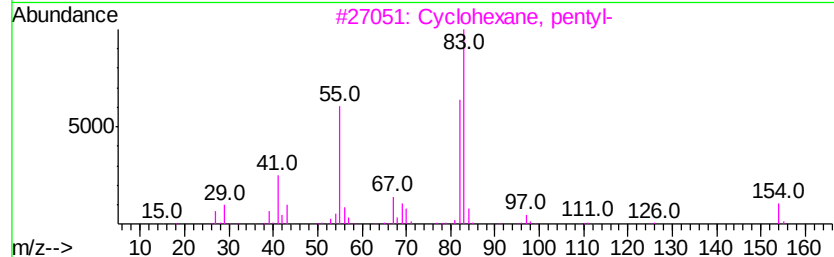
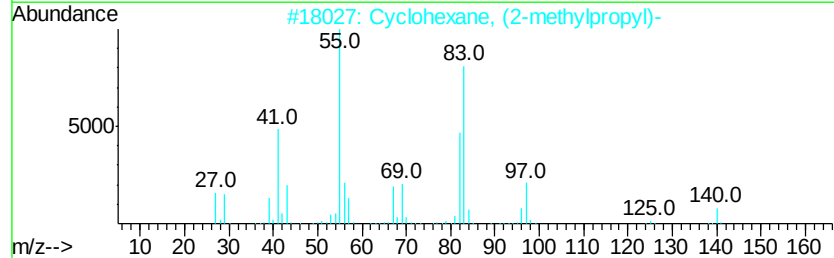
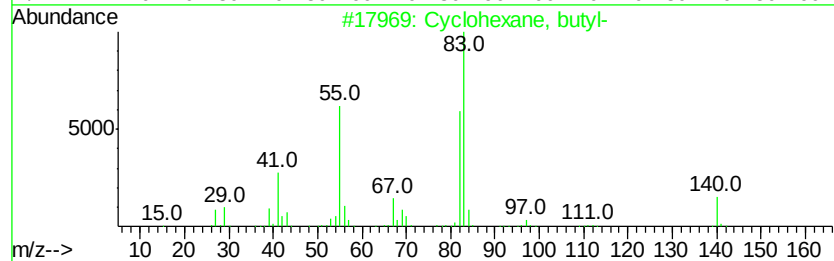
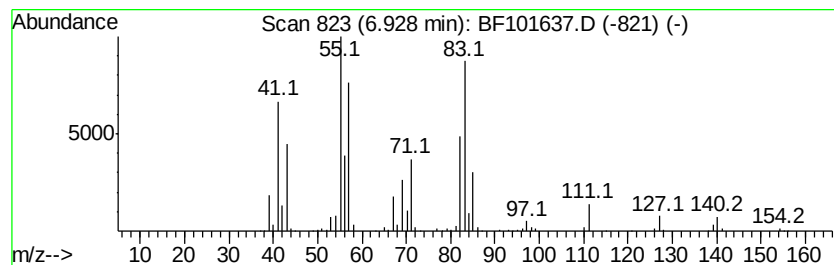
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	13.68 ng	2385890	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
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Operator : SJ/JU
Sample : I6966-01
Misc :
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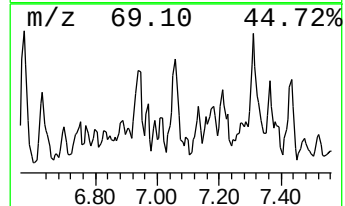
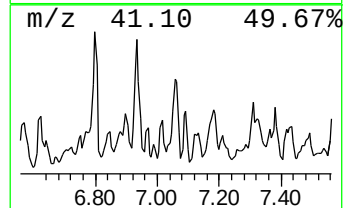
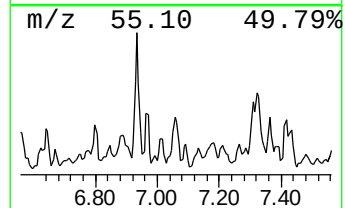
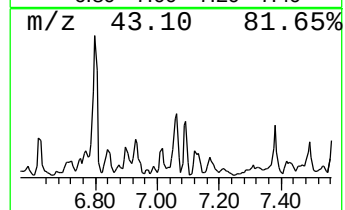
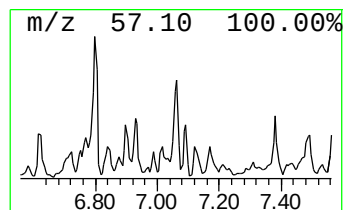
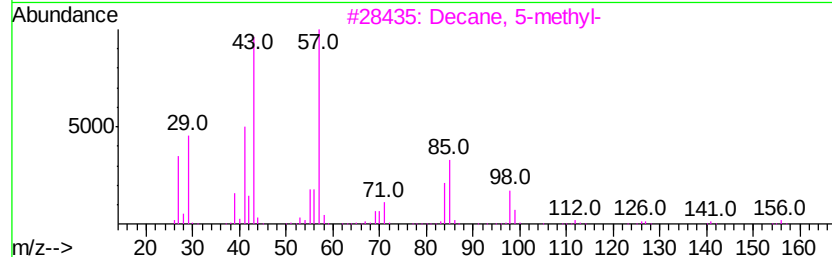
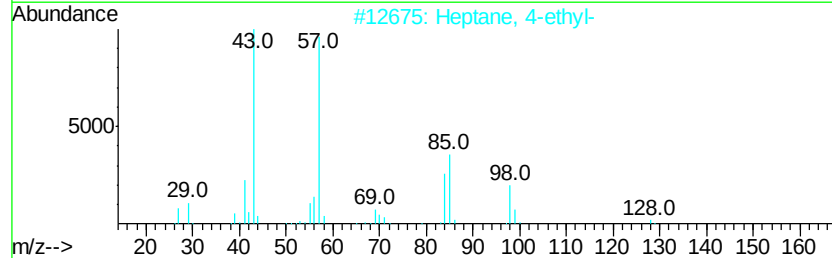
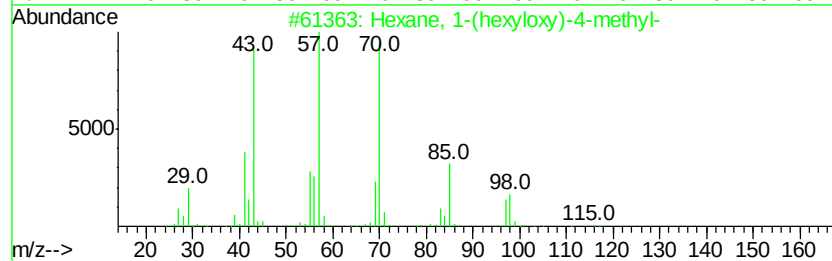
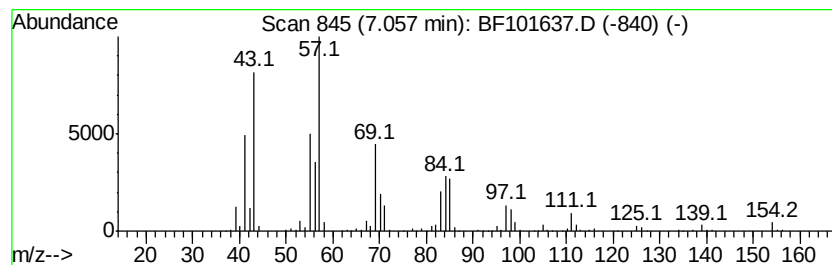
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexane, 1-(hexyloxy)-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	15.12 ng	2637020	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	50
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
3		Decane, 5-methyl-	156	C11H24	013151-35-4	50
4		1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	50
5		Ether, heptyl hexyl	200	C13H28O	007289-40-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101637.D
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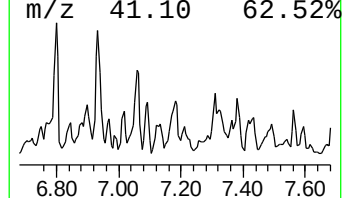
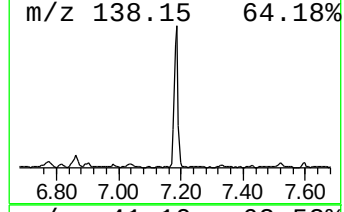
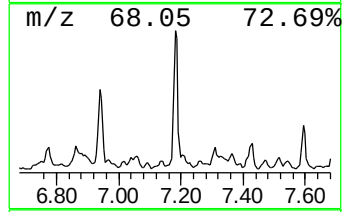
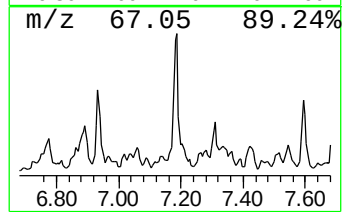
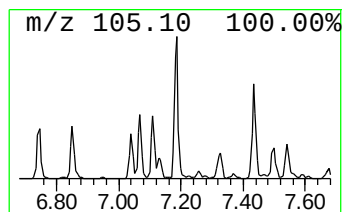
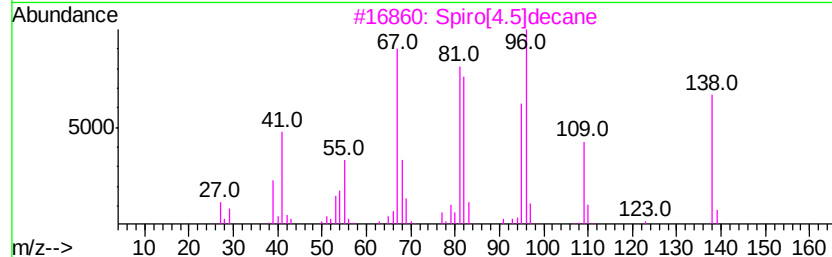
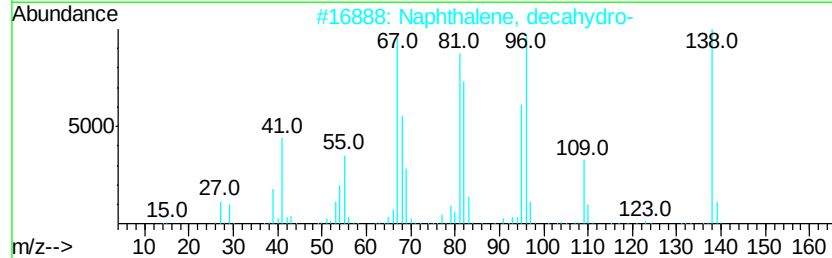
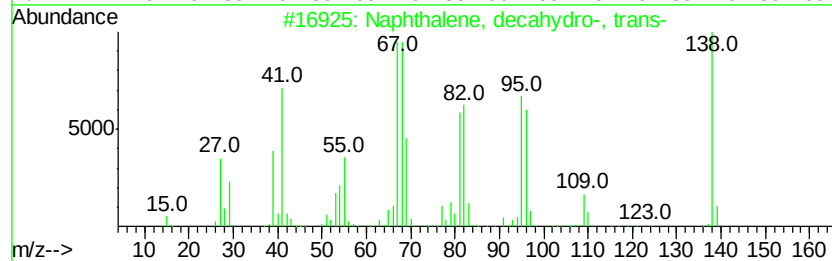
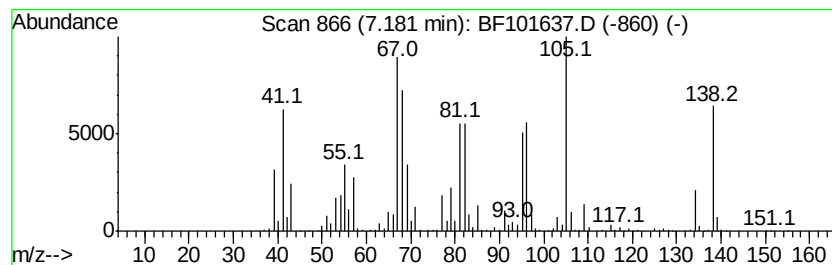
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	13.37 ng	2330840	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	81
3		Spiro[4.5]decane	138	C10H18	000176-63-6	76
4		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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Acq On : 22 Dec 2017 6:14
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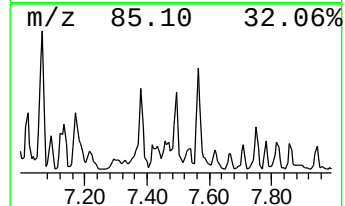
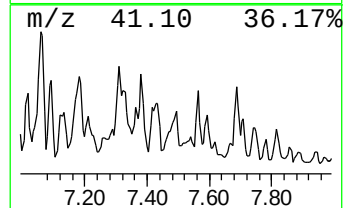
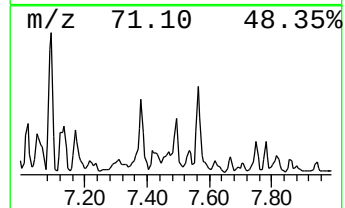
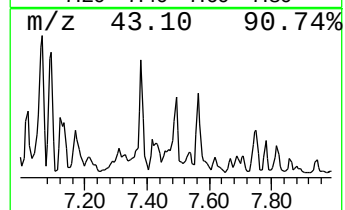
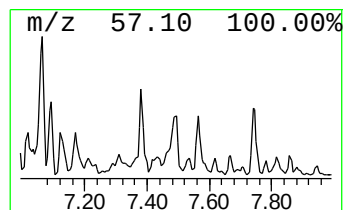
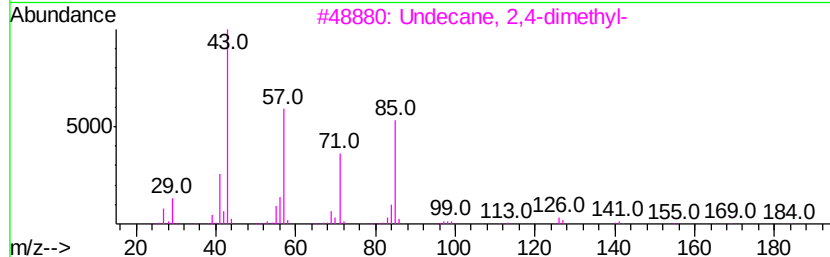
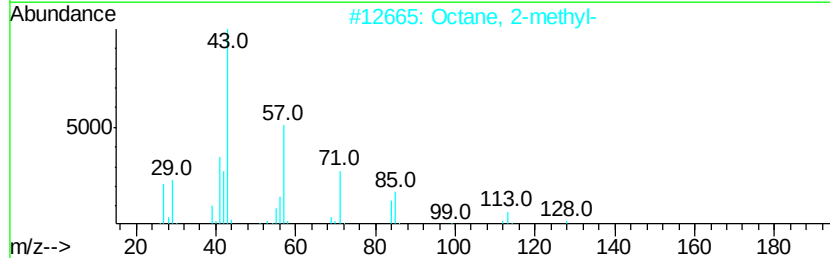
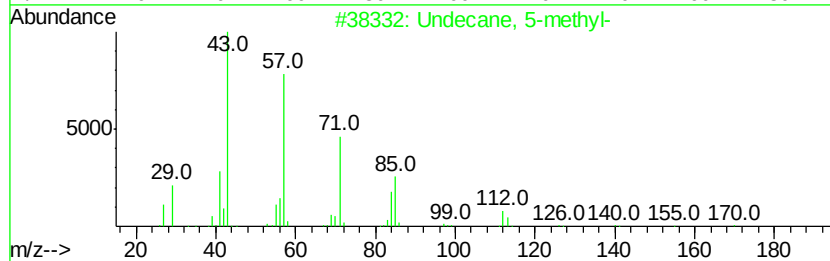
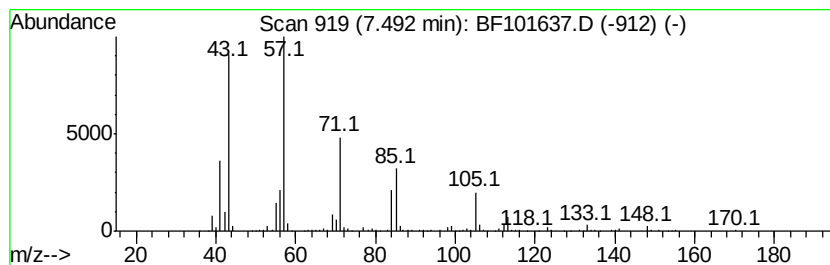
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	25.12 ng	1478250	Napthalene-d8	8.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-methyl-	170 C12H26	001632-70-8	81
2	Octane, 2-methyl-	128 C9H20	003221-61-2	72
3	Undecane, 2,4-dimethyl-	184 C13H28	017312-80-0	53
4	Octane, 3,4,5,6-tetramethyl-	170 C12H26	062185-21-1	53
5	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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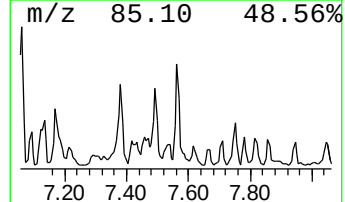
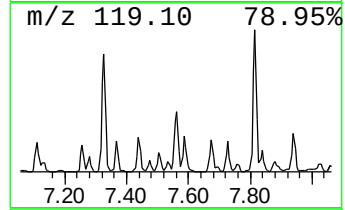
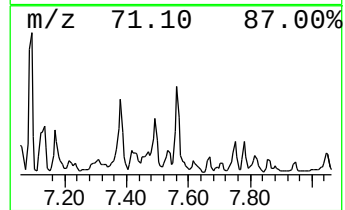
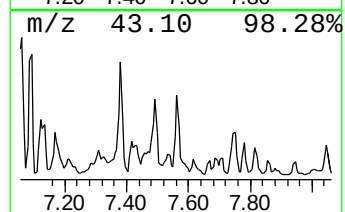
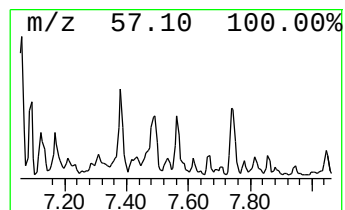
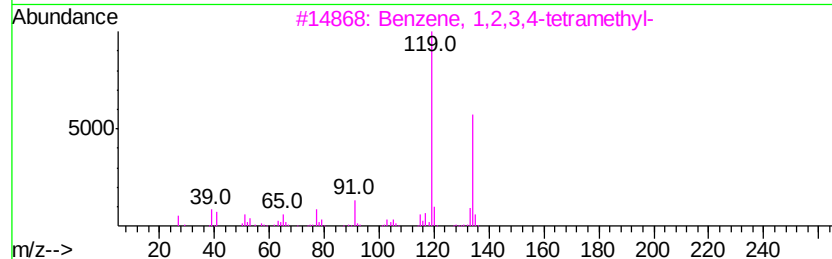
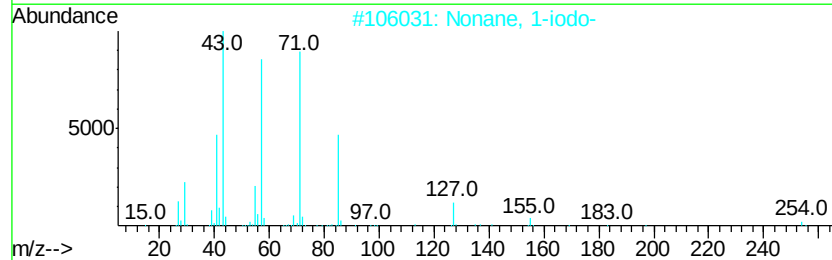
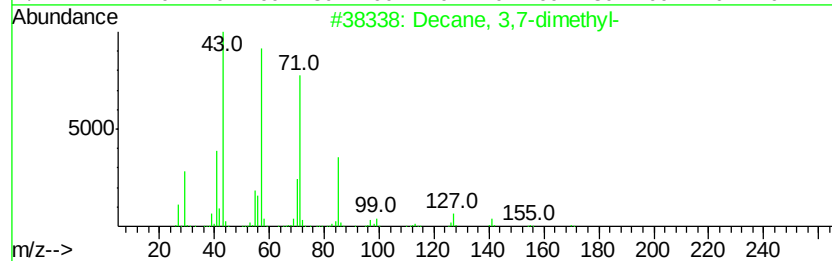
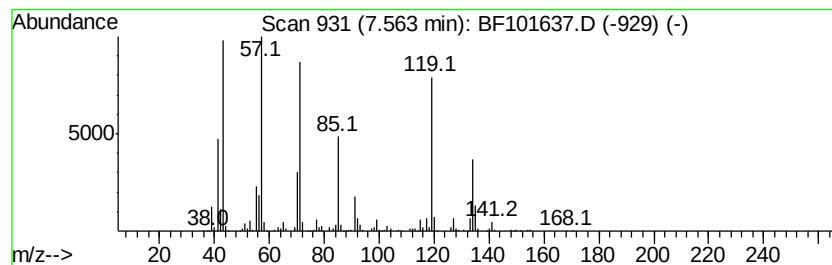
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 3,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.56	15.10 ng	888465	Napthalene-d8	8.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	78
2	Nonane, 1-iodo-	254	C9H19I	004282-42-2	43
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101637.D
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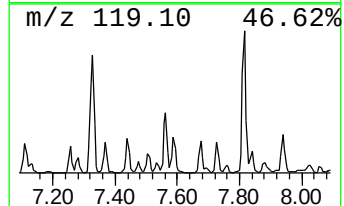
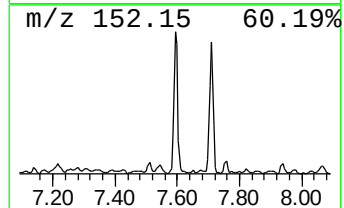
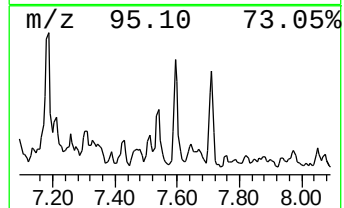
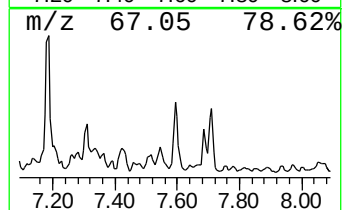
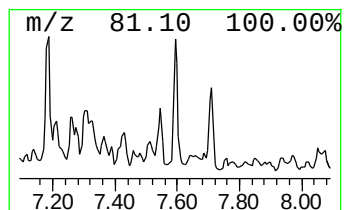
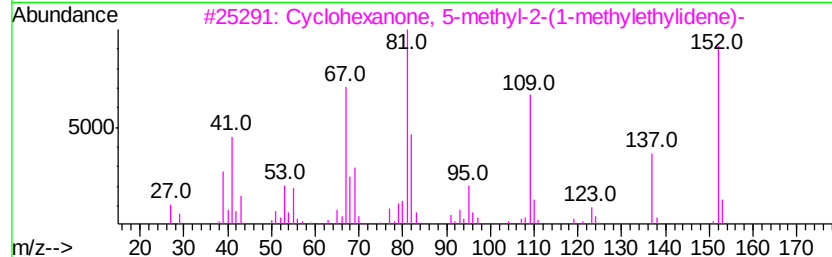
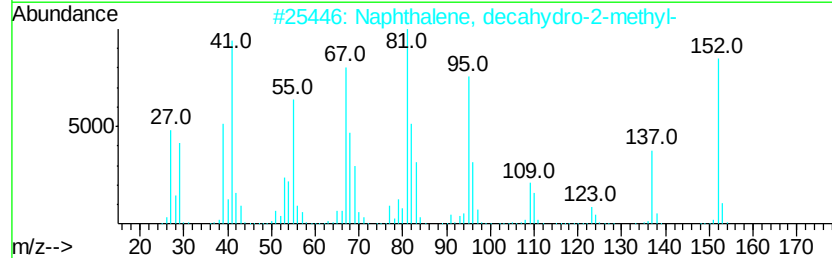
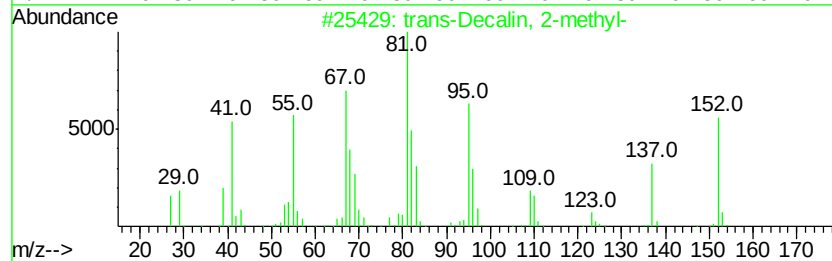
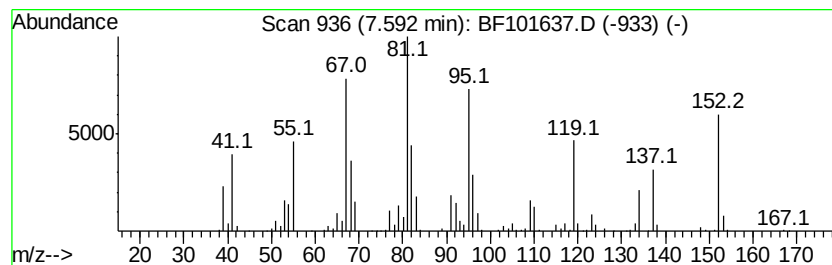
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	13.84 ng	814045	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
4		Pulegone	152	C10H16O	000089-82-7	70
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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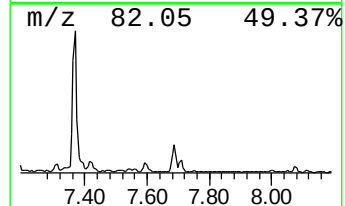
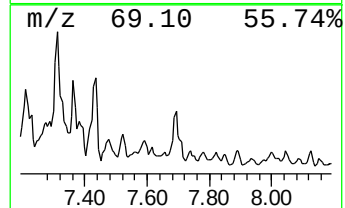
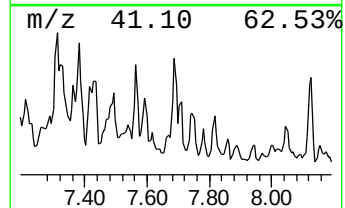
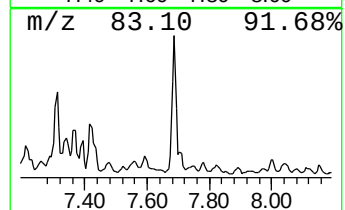
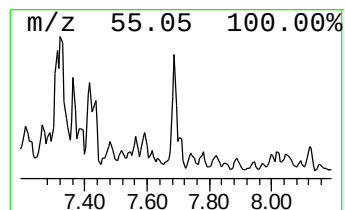
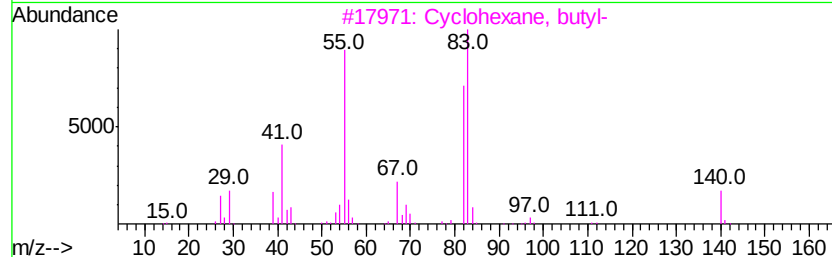
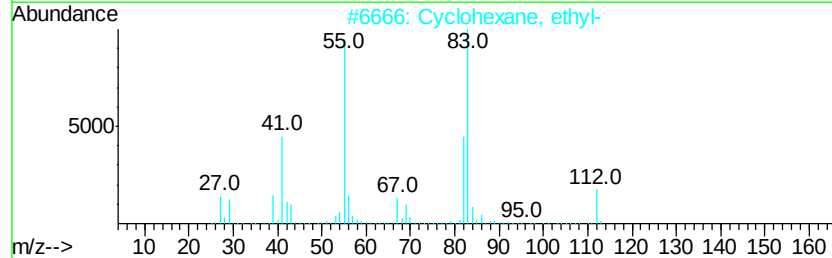
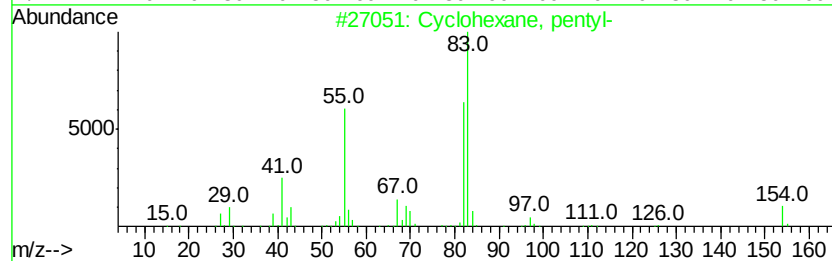
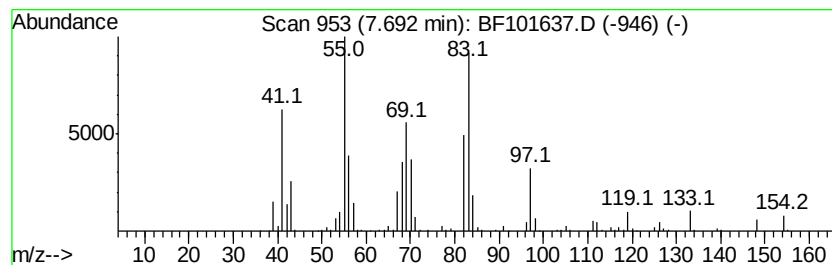
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	20.51 ng	1206510	Napthalene-d8	8.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 87
2		Cyclohexane, ethyl-	112 C8H16	001678-91-7 72
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 72
4		Cyclohexane, propyl-	126 C9H18	001678-92-8 72
5		Cyclohexane, (3-methylpentyl)-	168 C12H24	061142-38-9 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101637.D
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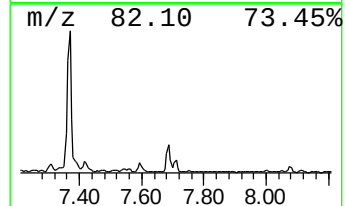
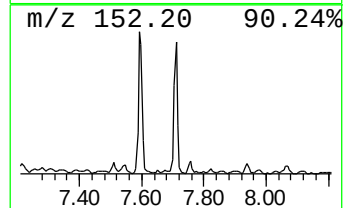
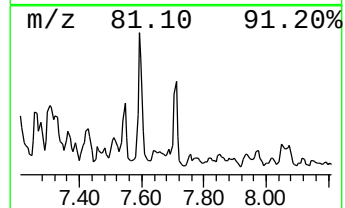
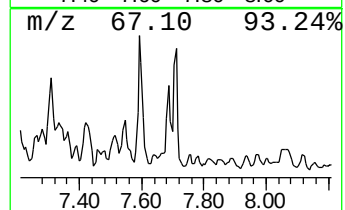
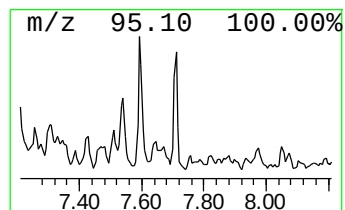
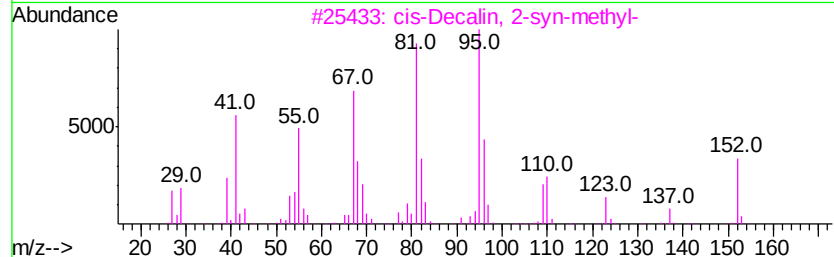
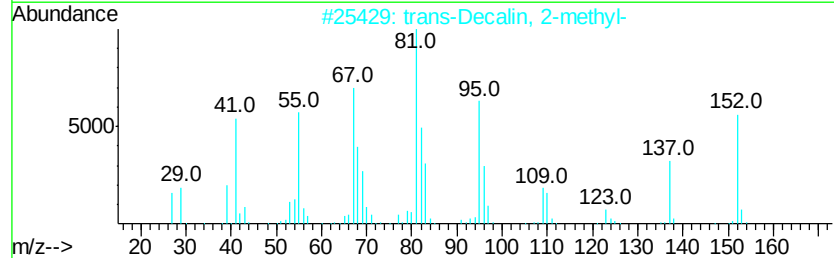
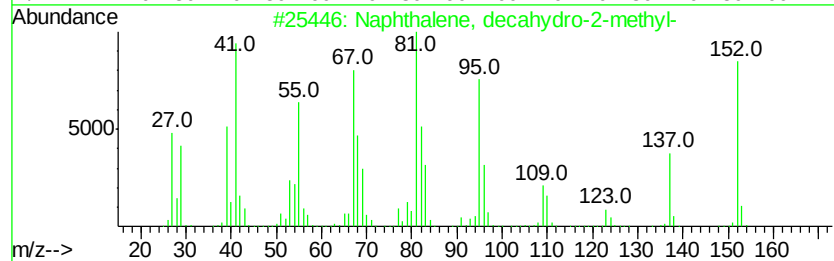
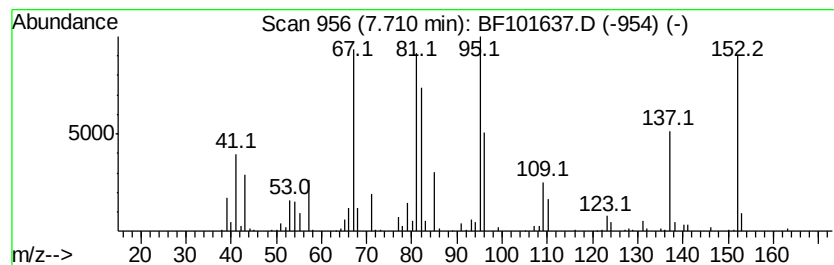
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	11.24 ng	661303	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4		4-Methoxy-3-methyl-1,2-benzenedi...	152	C8H12N2O	097433-22-2	25
5		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101637.D
Acq On : 22 Dec 2017 6:14
Operator : SJ/JU
Sample : I6966-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

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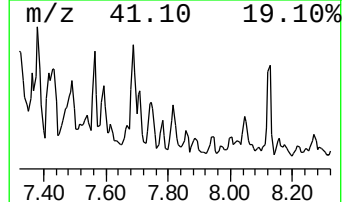
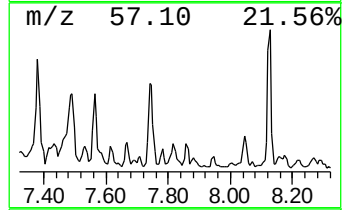
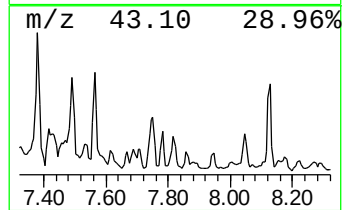
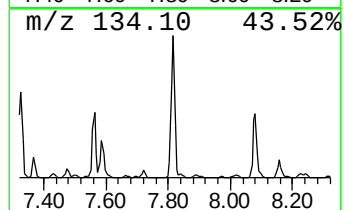
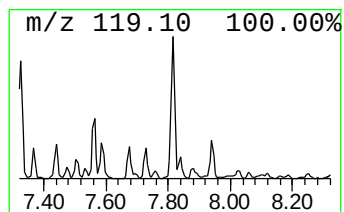
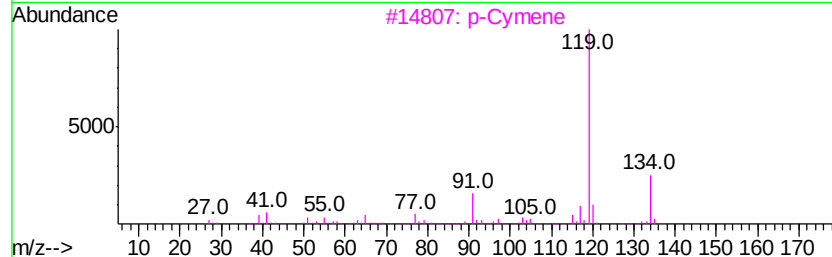
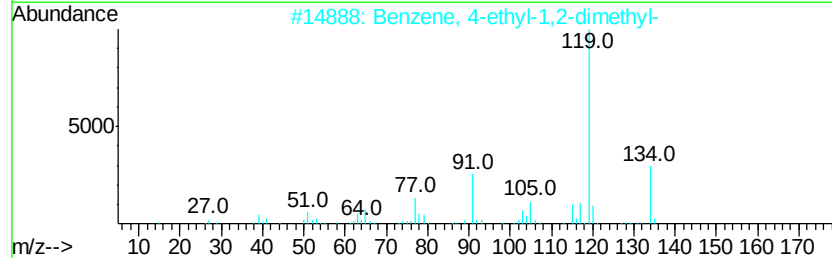
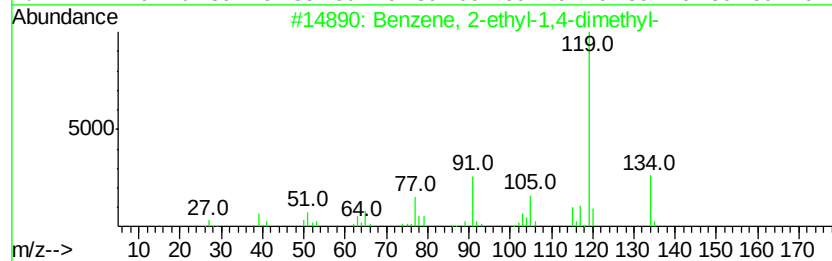
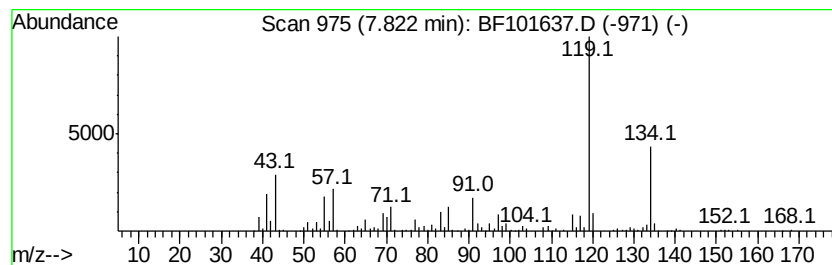
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	16.56 ng	974610	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		p-Cymene	134	C10H14	000099-87-6	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
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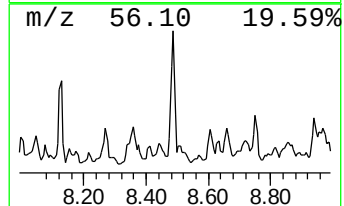
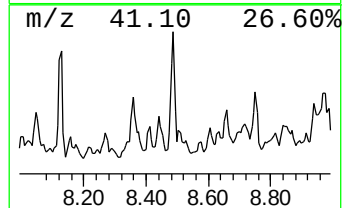
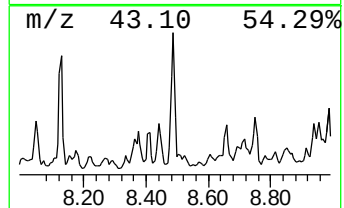
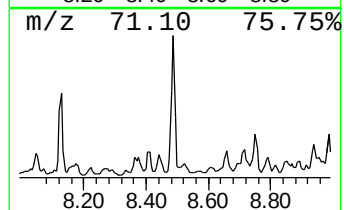
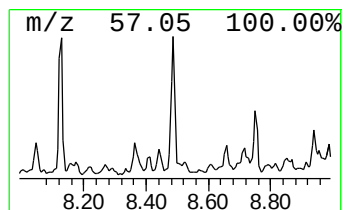
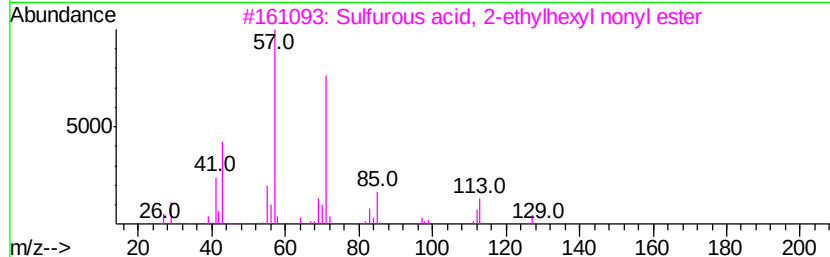
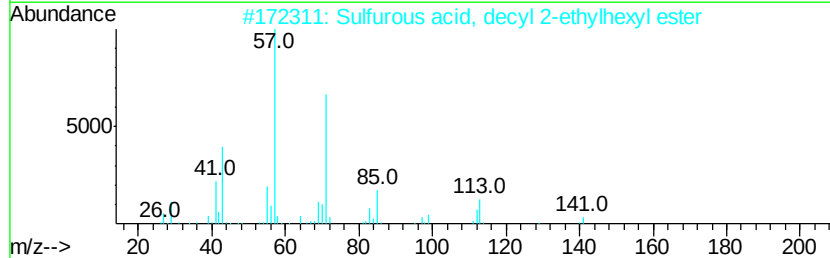
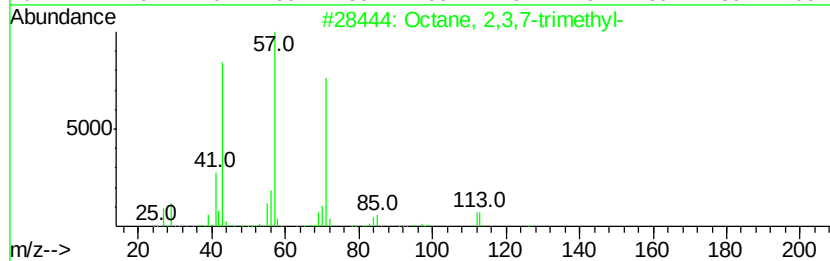
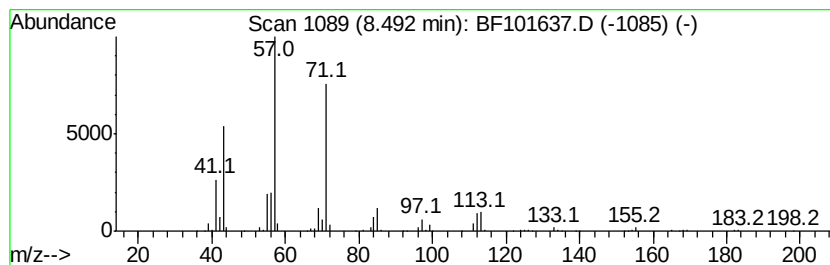
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octane, 2,3,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	13.58 ng	798835	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



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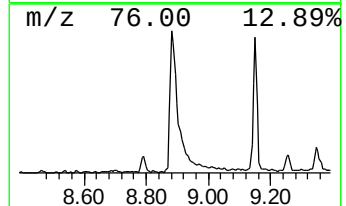
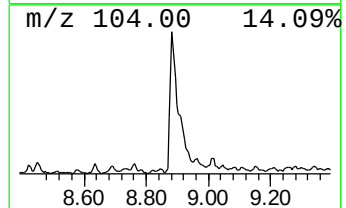
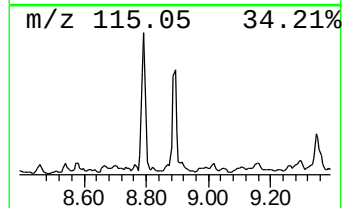
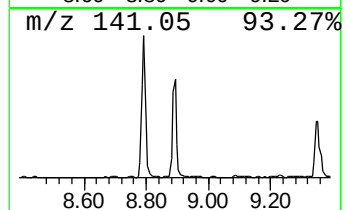
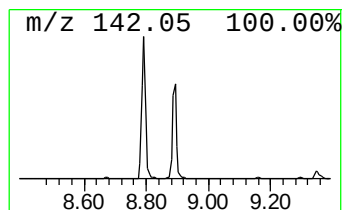
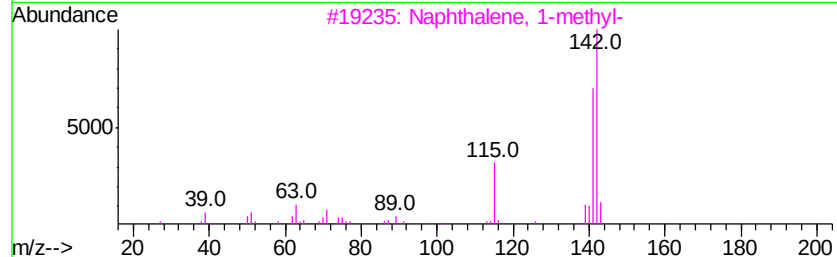
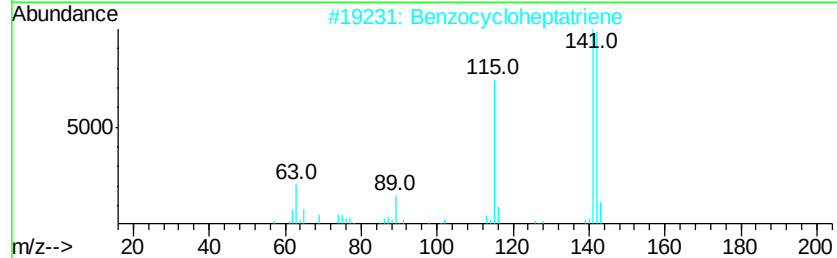
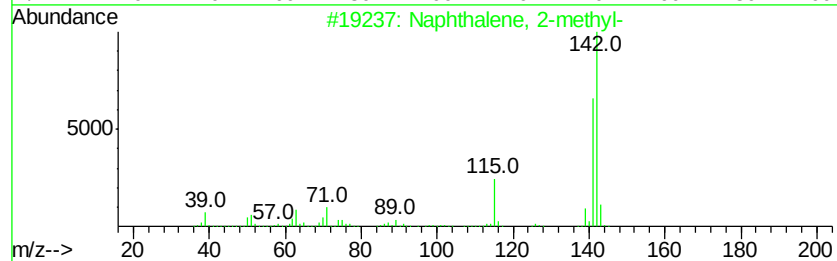
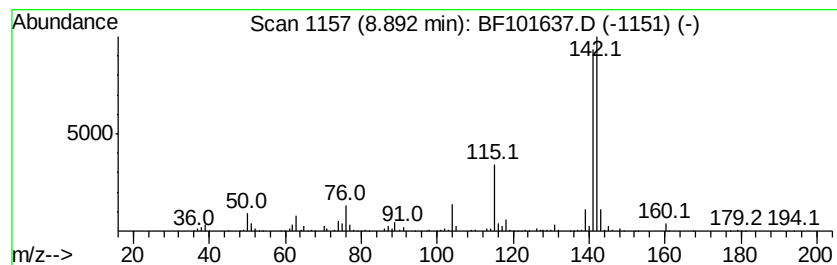
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	18.21 ng	1071540	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2		Benzocycloheptatriene	142	C11H10	000264-09-5	87
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	74



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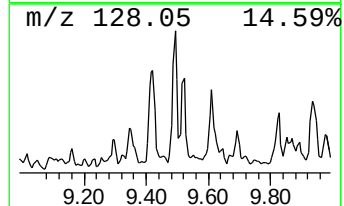
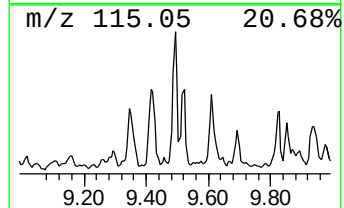
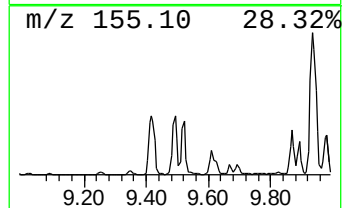
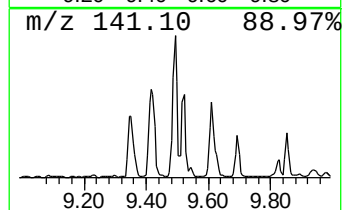
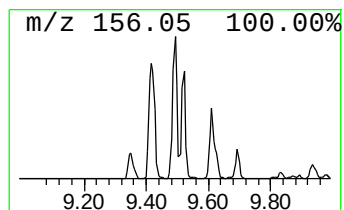
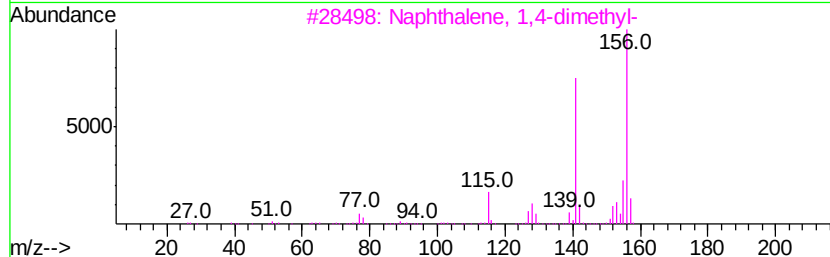
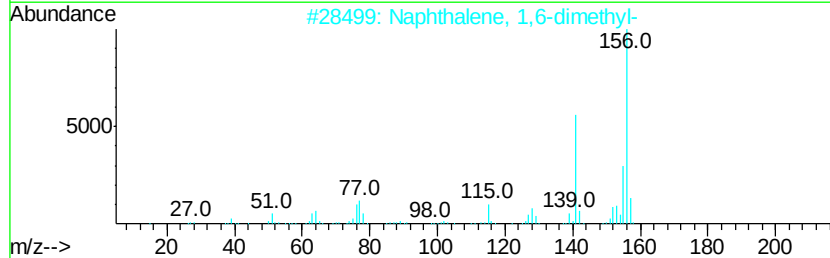
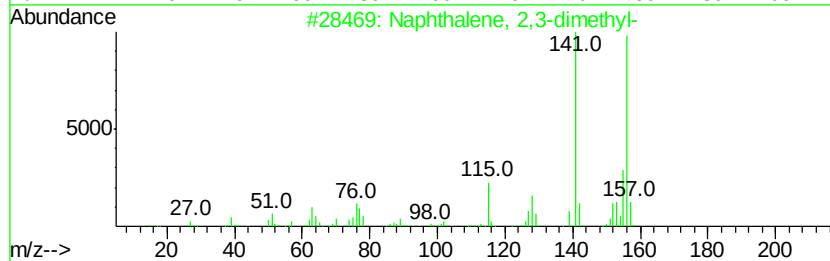
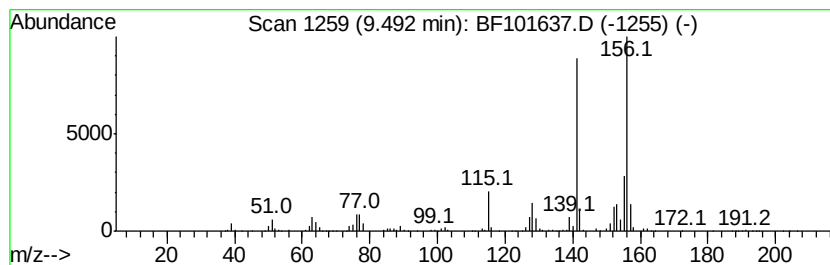
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	16.25 ng	1560170	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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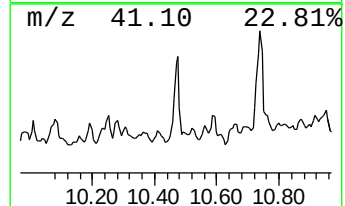
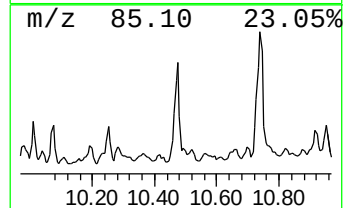
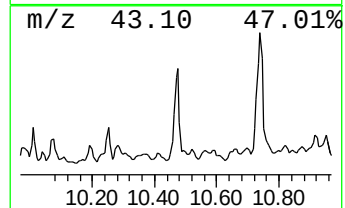
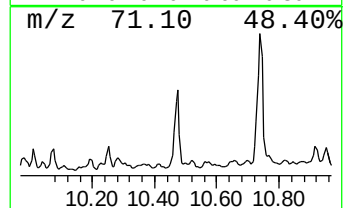
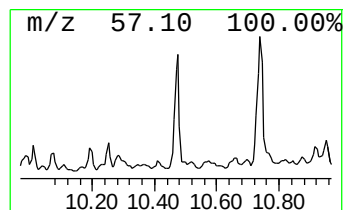
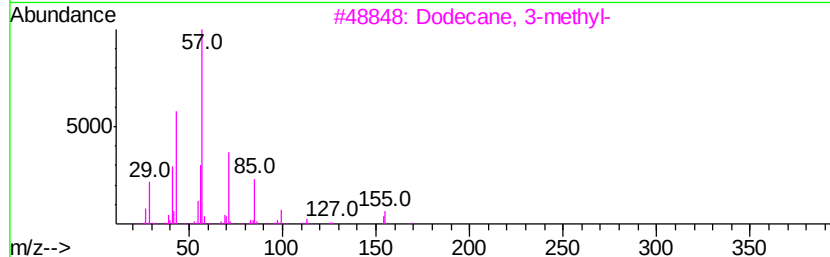
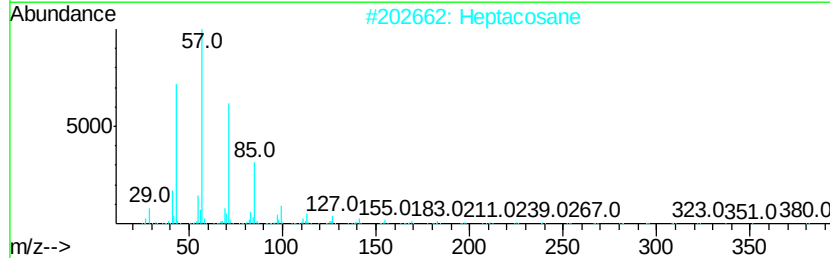
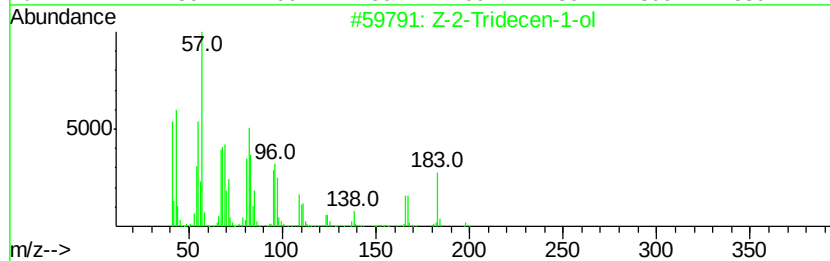
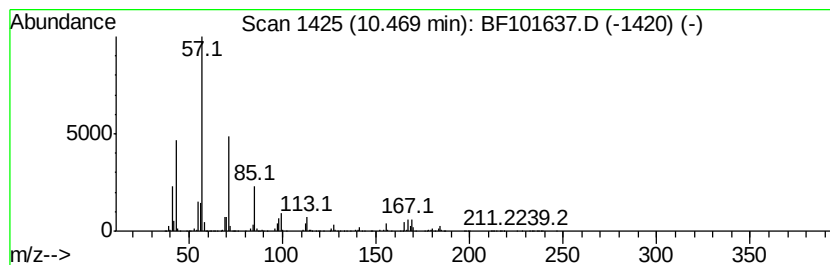
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Z-2-Tridecen-1-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	28.22 ng	2708300	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	58
5		Heneicosane	296	C21H44	000629-94-7	58



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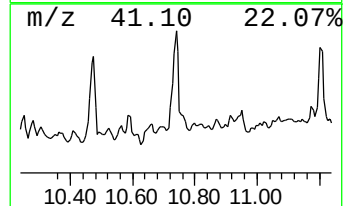
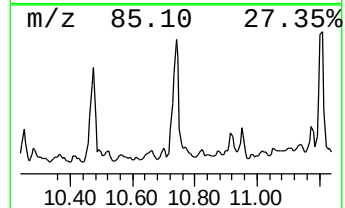
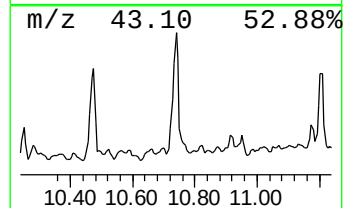
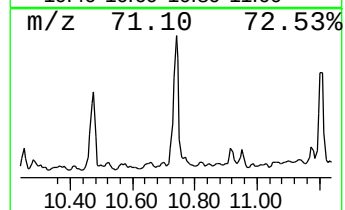
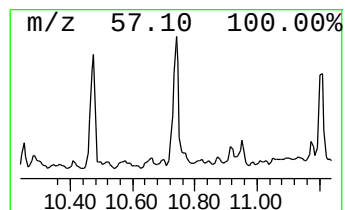
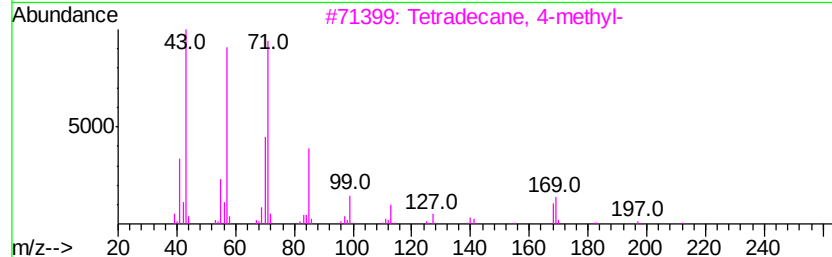
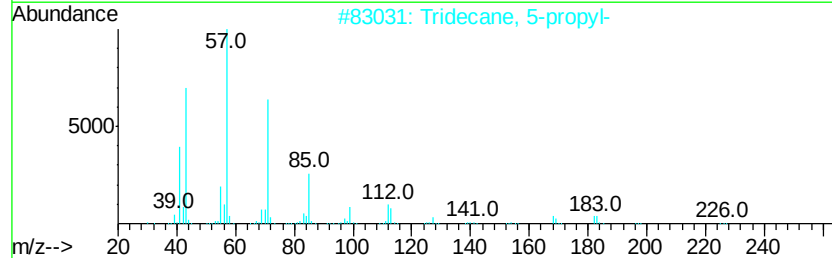
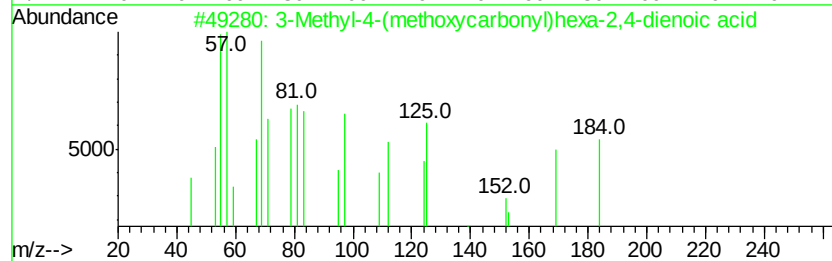
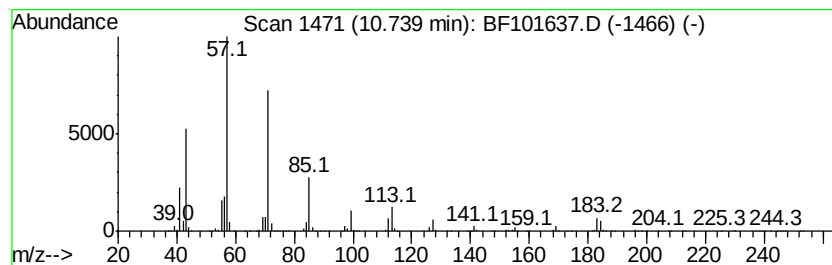
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-Methyl-4-(methoxycarbonyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	22.86 ng	3661420	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	68
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
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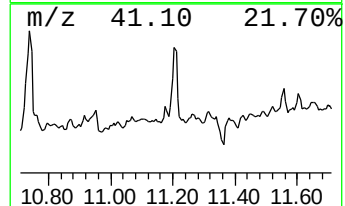
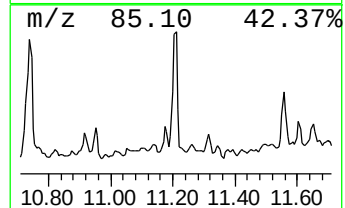
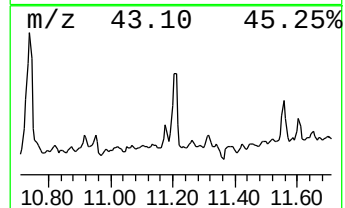
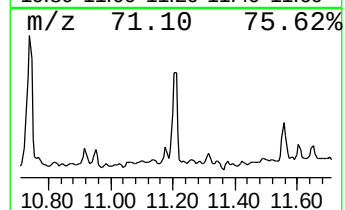
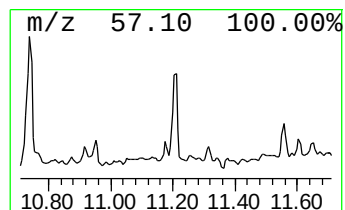
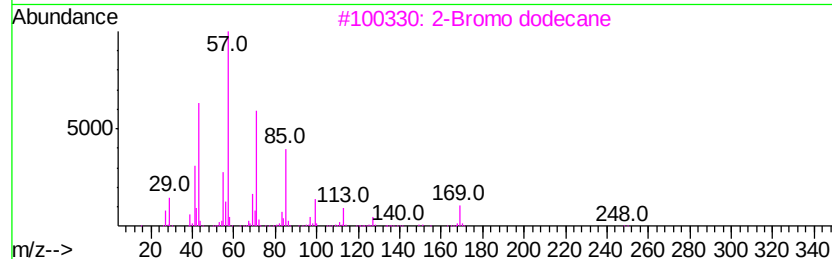
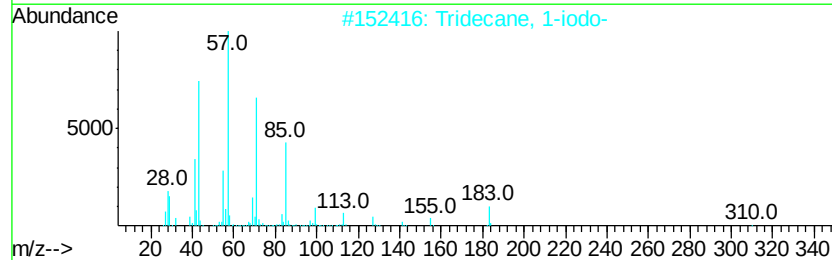
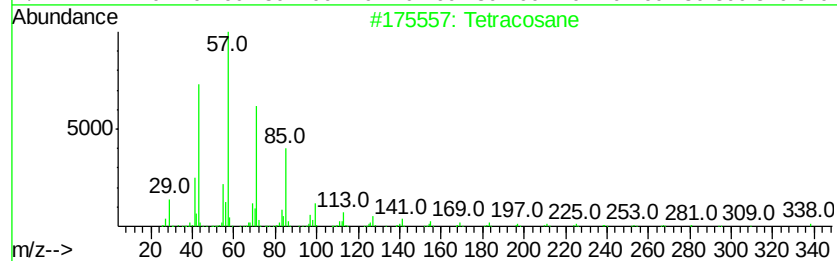
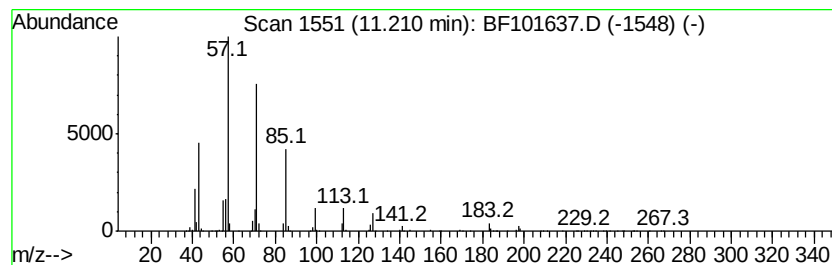
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	14.95 ng	2394740	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	83
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101637.D
 Acq On : 22 Dec 2017 6:14
 Operator : SJ/JU
 Sample : I6966-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-0-4

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
Cyclohexane, 1-me...	6.53	12.4	ng	2164550	1	6.80	3487590	20.0
unknown6.57	6.57	20.2	ng	3515890	1	6.80	3487590	20.0
Cyclohexane, butyl-	6.93	13.7	ng	2385890	1	6.80	3487590	20.0
Hexane, 1-(hexylo...	7.06	15.1	ng	2637020	1	6.80	3487590	20.0
Naphthalene, deca...	7.18	13.4	ng	2330840	1	6.80	3487590	20.0
Undecane, 5-methyl-	7.49	25.1	ng	1478250	2	8.08	1176790	20.0
Decane, 3,7-dimet...	7.56	15.1	ng	888465	2	8.08	1176790	20.0
trans-Decalin, 2-...	7.59	13.8	ng	814045	2	8.08	1176790	20.0
Cyclohexane, pentyl-	7.69	20.5	ng	1206510	2	8.08	1176790	20.0
Naphthalene, deca...	7.71	11.2	ng	661303	2	8.08	1176790	20.0
Benzene, 2-ethyl-...	7.82	16.6	ng	974610	2	8.08	1176790	20.0
Octane, 2,3,7-tri...	8.49	13.6	ng	798835	2	8.08	1176790	20.0
Naphthalene, 1-me...	8.89	18.2	ng	1071540	2	8.08	1176790	20.0
Naphthalene, 2,3-...	9.49	16.3	ng	1560170	3	9.83	1919640	20.0
Z-2-Tridecen-1-ol	10.47	28.2	ng	2708300	3	9.83	1919640	20.0
3-Methyl-4-(metho...	10.74	22.9	ng	3661420	4	11.33	3203290	20.0
Tetracosane	11.21	14.9	ng	2394740	4	11.33	3203290	20.0