

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
 Data File : BF109250.D
 Acq On : 23 Sep 2018 5:06
 Operator : JU/SJ
 Sample : J5017-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-EW-059

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	4.904	475	479	489	rVB	131442	168022	2.25%	0.147%
2	5.322	544	550	553	rVB	2393270	2654468	35.60%	2.326%
3	5.622	597	601	606	rBV	98677	101772	1.37%	0.089%
4	5.734	614	620	623	rVB3	57971	93282	1.25%	0.082%
5	5.869	637	643	647	rVB2	104366	113911	1.53%	0.100%
6	5.963	656	659	662	rBV	261817	244563	3.28%	0.214%
7	6.022	666	669	672	rBV	96897	99718	1.34%	0.087%
8	6.157	685	692	695	rBV3	132559	182205	2.44%	0.160%
9	6.222	700	703	705	rBV	170248	137579	1.85%	0.121%
10	6.251	705	708	711	rVV2	147016	172683	2.32%	0.151%
11	6.310	715	718	720	rBV	174809	154493	2.07%	0.135%
12	6.345	720	724	727	rBV	2377327	2712609	36.38%	2.377%
13	6.481	739	747	751	rBV	2724933	3144487	42.18%	2.756%
14	6.539	754	757	758	rVV	129899	122435	1.64%	0.107%
15	6.557	758	760	765	rVB2	383852	376423	5.05%	0.330%
16	6.704	783	785	788	rVB	756827	654685	8.78%	0.574%
17	6.739	788	791	794	rVB	570035	462101	6.20%	0.405%
18	6.781	794	798	801	rBV3	157092	245511	3.29%	0.215%
19	6.816	801	804	806	rBV2	72723	79743	1.07%	0.070%
20	6.863	809	812	816	rVV	2501930	2480156	33.27%	2.174%
21	6.898	816	818	821	rVB2	173195	180751	2.42%	0.158%
22	6.957	824	828	831	rBV4	92610	122178	1.64%	0.107%
23	6.998	831	835	838	rVB3	333350	448959	6.02%	0.393%
24	7.034	838	841	843	rBV2	368225	315534	4.23%	0.277%
25	7.063	843	846	850	rBV	390453	382854	5.14%	0.336%
26	7.110	850	854	857	rBV	597320	526952	7.07%	0.462%
27	7.269	872	881	884	rBV2	1962624	2699627	36.21%	2.366%
28	7.298	884	886	888	rVV2	232137	175190	2.35%	0.154%
29	7.322	888	890	892	rVB	535319	392073	5.26%	0.344%
30	7.363	892	897	901	rBV4	398638	601430	8.07%	0.527%
31	7.410	901	905	907	rBV3	216752	320402	4.30%	0.281%
32	7.433	907	909	912	rVB2	339163	321881	4.32%	0.282%
33	7.486	913	918	919	rBV4	228402	280360	3.76%	0.246%
34	7.510	919	922	928	rVB2	789078	1079600	14.48%	0.946%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.563	928	931	932	rBV	155357	150350	2.02%	0.132%
36	7.622	936	941	948	rBV7	634198	1365942	18.32%	1.197%
37	7.686	948	952	956	rBV2	735630	893570	11.99%	0.783%
38	7.728	956	959	962	rBV4	745501	948276	12.72%	0.831%
39	7.763	962	965	968	rVB2	814441	797987	10.70%	0.699%
40	7.804	970	972	974	rBV	681830	514190	6.90%	0.451%
41	7.828	974	976	980	rVB4	397627	415063	5.57%	0.364%
42	7.869	980	983	985	rBV	405699	400136	5.37%	0.351%
43	7.904	985	989	992	rBV3	220360	281786	3.78%	0.247%
44	7.945	993	996	997	rBV2	392146	421224	5.65%	0.369%
45	7.957	997	998	1000	rVB2	351889	209454	2.81%	0.184%
46	7.992	1000	1004	1007	rBV2	1636373	1801269	24.16%	1.579%
47	8.075	1015	1018	1021	rBV	2434305	2036448	27.31%	1.785%
48	8.098	1021	1022	1024	rVB3	294904	156386	2.10%	0.137%
49	8.122	1024	1026	1029	rVB3	528849	550713	7.39%	0.483%
50	8.175	1029	1035	1038	rBV4	600307	1129386	15.15%	0.990%
51	8.210	1038	1041	1044	rVB	688311	570389	7.65%	0.500%
52	8.298	1051	1056	1059	rBV5	1543687	2147393	28.80%	1.882%
53	8.357	1063	1066	1068	rBV2	1032927	885482	11.88%	0.776%
54	8.386	1068	1071	1075	rVB4	951258	1111243	14.91%	0.974%
55	8.439	1075	1080	1083	rBV	3660337	3882441	52.08%	3.402%
56	8.510	1089	1092	1094	rBV2	568454	552164	7.41%	0.484%
57	8.551	1095	1099	1100	rBV4	789408	857655	11.50%	0.752%
58	8.604	1105	1108	1111	rBV3	877771	1102106	14.78%	0.966%
59	8.704	1121	1125	1128	rVB4	2004308	2366729	31.75%	2.074%
60	8.745	1130	1132	1136	rBV3	416988	539478	7.24%	0.473%
61	8.804	1139	1142	1144	rBV2	620963	726386	9.74%	0.637%
62	8.886	1154	1156	1158	rBV3	1282693	1234872	16.56%	1.082%
63	8.916	1158	1161	1163	rVV3	1628700	2047801	27.47%	1.795%
64	8.939	1163	1165	1168	rVB3	862252	767019	10.29%	0.672%
65	9.016	1175	1178	1179	rBV2	615214	647618	8.69%	0.568%
66	9.039	1179	1182	1184	rVV	3752181	3588892	48.14%	3.145%
67	9.075	1184	1188	1191	rVB	2632499	2310660	30.99%	2.025%
68	9.186	1200	1207	1210	rBV4	1662485	3548195	47.59%	3.110%
69	9.216	1210	1212	1216	rVV3	1192891	1606426	21.55%	1.408%
70	9.251	1216	1218	1220	rVB3	796025	575893	7.72%	0.505%
71	9.339	1228	1233	1235	rBV2	947620	1543329	20.70%	1.353%

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72	9.363	1235	1237	1239	rVB	599936	482438	6.47%	0.423%
73	9.386	1239	1241	1242	rBV	641690	541251	7.26%	0.474%
74	9.498	1256	1260	1262	rVV2	3734896	4182460	56.10%	3.665%
75	9.522	1262	1264	1266	rVB2	780350	671481	9.01%	0.588%
76	9.580	1272	1274	1275	rBV	512983	325675	4.37%	0.285%
77	9.598	1275	1277	1280	rVB4	688397	504817	6.77%	0.442%
78	9.669	1287	1289	1292	rVB2	1077580	1011547	13.57%	0.886%
79	9.704	1292	1295	1297	rBV2	1259532	1339724	17.97%	1.174%
80	9.739	1298	1301	1307	rVV5	1722178	2711325	36.37%	2.376%
81	9.804	1310	1312	1316	rBV	541639	523641	7.02%	0.459%
82	9.927	1330	1333	1337	rBV4	876697	1667540	22.37%	1.461%
83	9.963	1337	1339	1342	rVV2	1621520	1684327	22.59%	1.476%
84	9.992	1342	1344	1347	rVV2	865583	938925	12.59%	0.823%
85	10.027	1347	1350	1353	rVB2	2588763	2269605	30.44%	1.989%
86	10.145	1368	1370	1374	rVB2	729664	738931	9.91%	0.648%
87	10.298	1394	1396	1397	rBV2	572641	506346	6.79%	0.444%
88	10.427	1413	1418	1421	rBV	3880849	5390768	72.31%	4.724%
89	10.533	1433	1436	1440	rVB3	1964433	1965096	26.36%	1.722%
90	10.698	1457	1464	1470	rBV	4522424	7455438	100.00%	6.534%
91	11.010	1515	1517	1519	rVB	972467	706998	9.48%	0.620%
92	11.163	1538	1543	1548	rVB	3710705	4837792	64.89%	4.240%
93	11.204	1548	1550	1553	rBV2	721292	864331	11.59%	0.757%
94	11.263	1557	1560	1563	rBV3	964980	1288154	17.28%	1.129%
95	11.457	1591	1593	1598	rBV	705079	792156	10.63%	0.694%
96	11.504	1598	1601	1604	rVV	1614294	1540182	20.66%	1.350%
97	12.815	1821	1824	1829	rVB2	1597924	1789230	24.00%	1.568%
98	15.251	2235	2238	2242	rVB	414136	444751	5.97%	0.390%

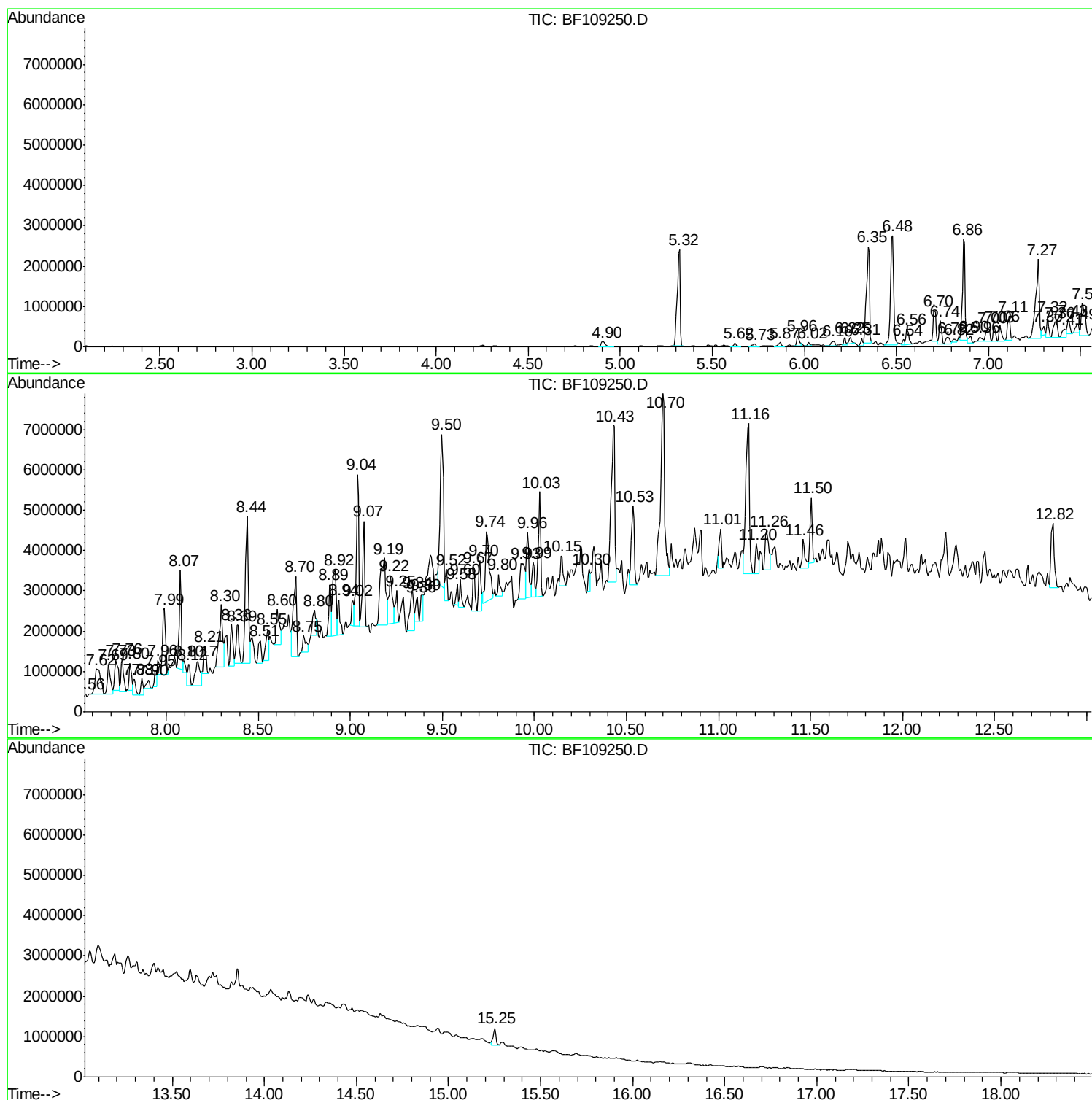
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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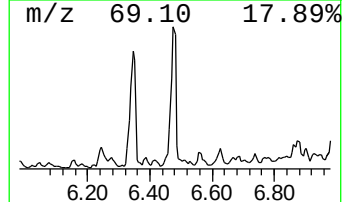
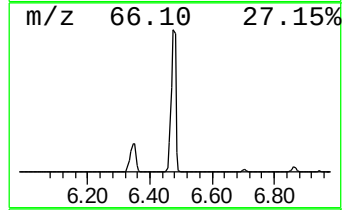
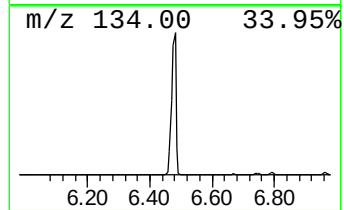
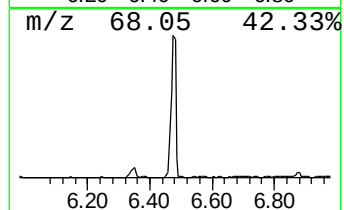
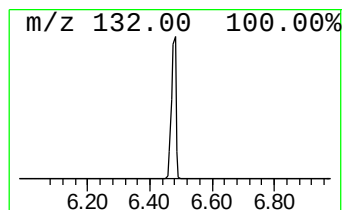
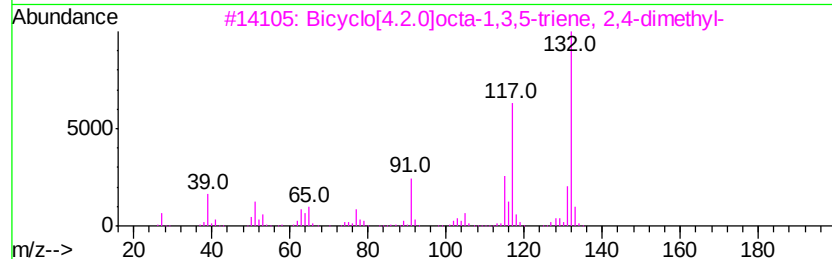
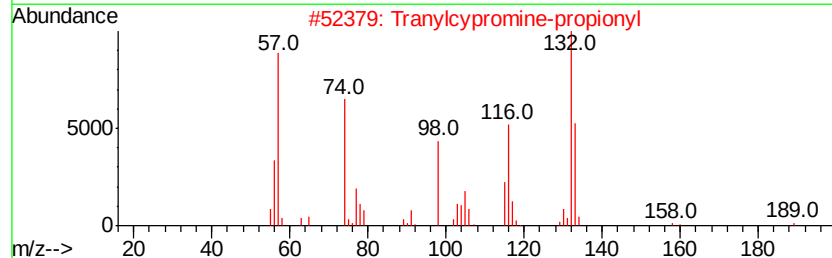
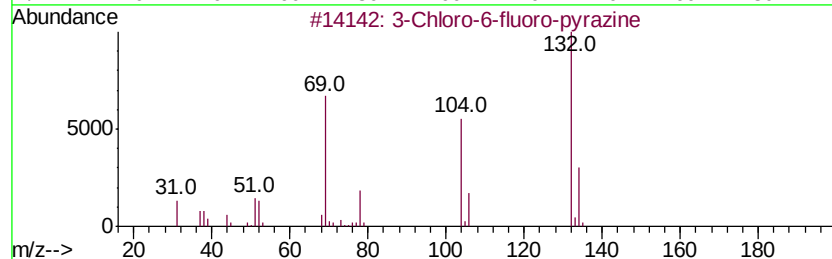
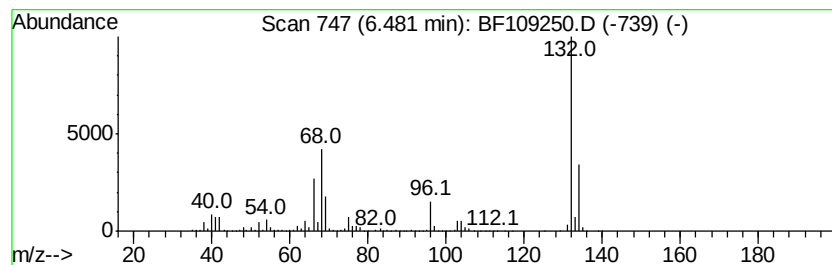
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	96.06 ng	3144490	1,4-Dichlorobenzene-d4	6.70

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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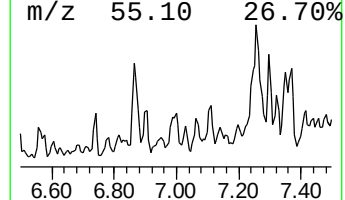
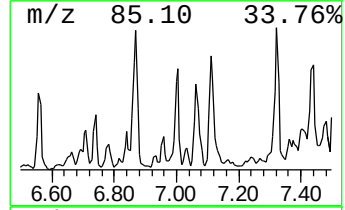
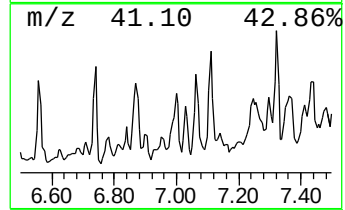
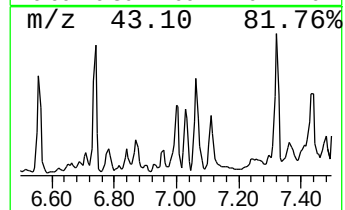
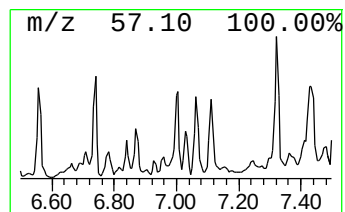
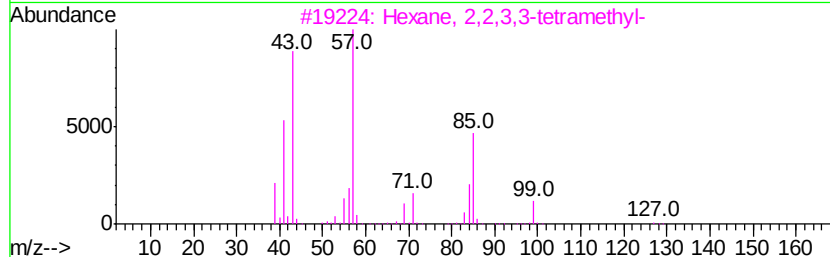
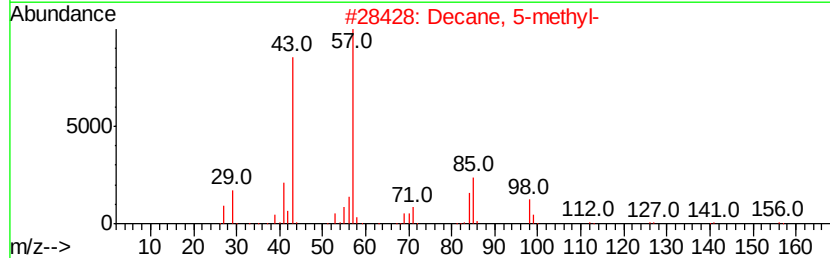
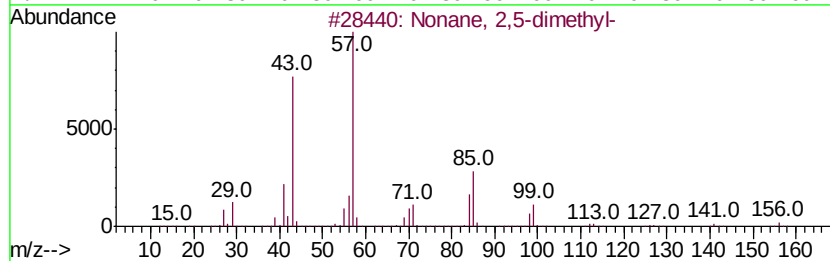
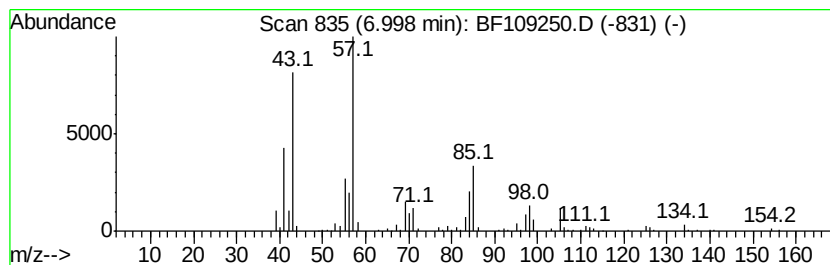
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	13.72 ng	448959	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	72
2		Decane, 5-methyl-	156	C11H24	013151-35-4	64
3		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
5		2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	47



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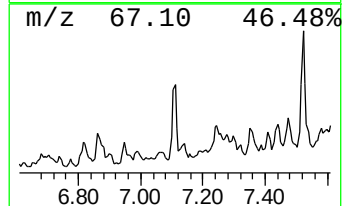
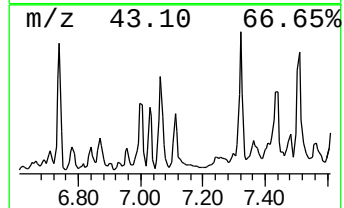
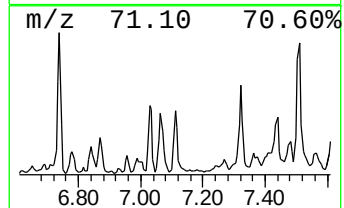
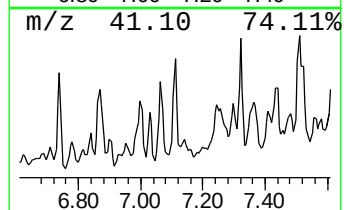
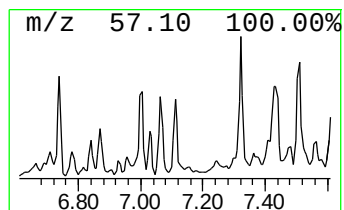
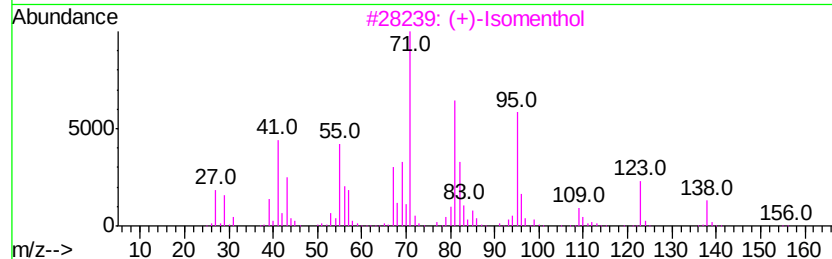
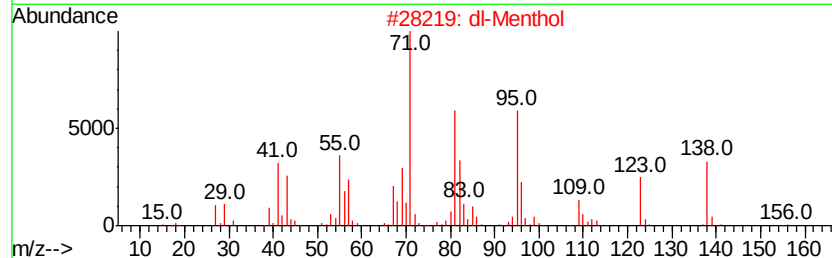
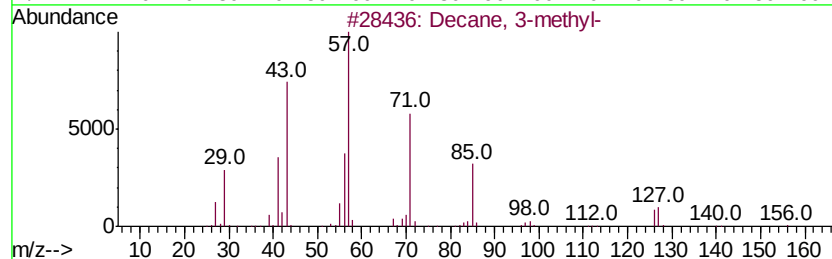
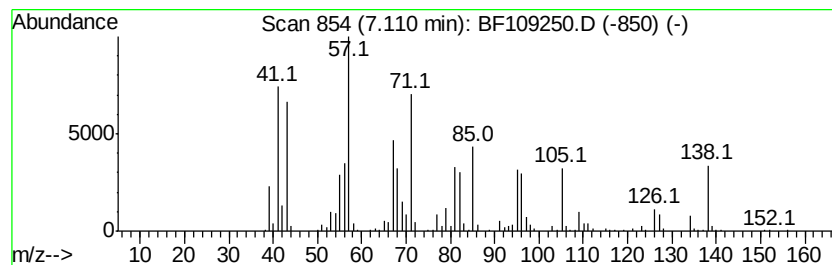
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Peak Number 4 unknown7.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.10 ng	526952	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	38
2		dl-Menthol	156	C10H20O	000089-78-1	35
3		(+)-Isomenthol	156	C10H20O	1000152-08-3	35
4		Citronellvl butyrate	226	C14H26O2	000141-16-2	27
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
Acq On : 23 Sep 2018 5:06
Operator : JU/SJ
Sample : J5017-05
Misc :
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Instrument :
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ClientSampleId :
RA-091918-S-EW-059

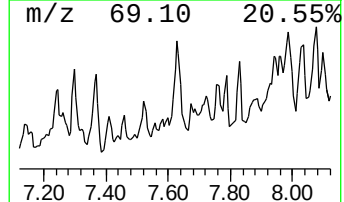
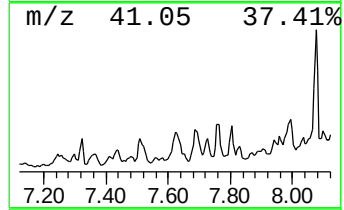
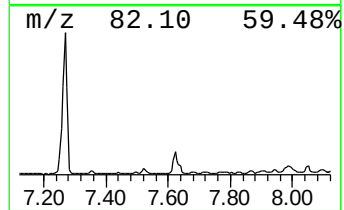
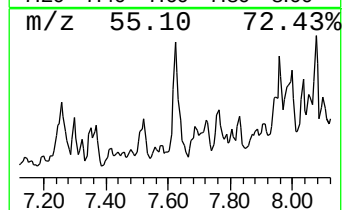
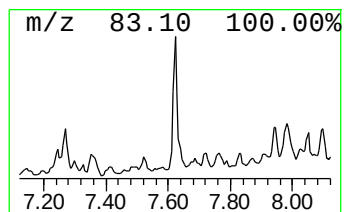
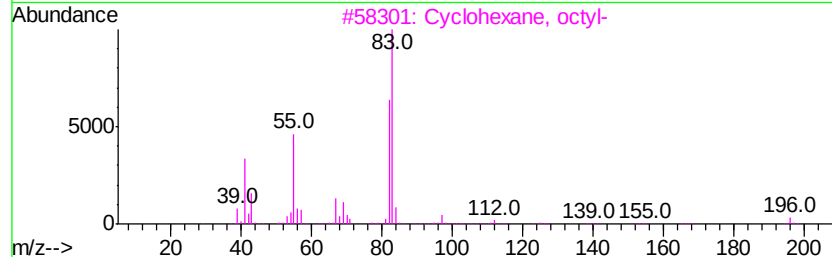
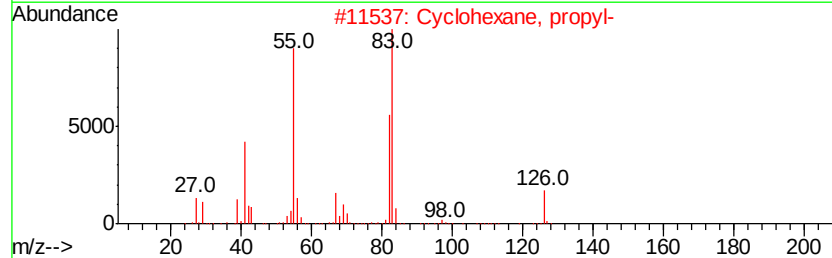
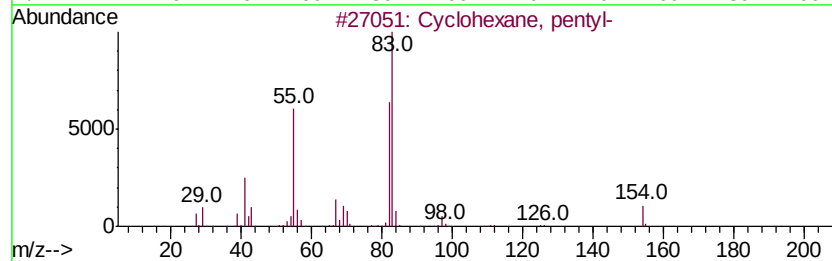
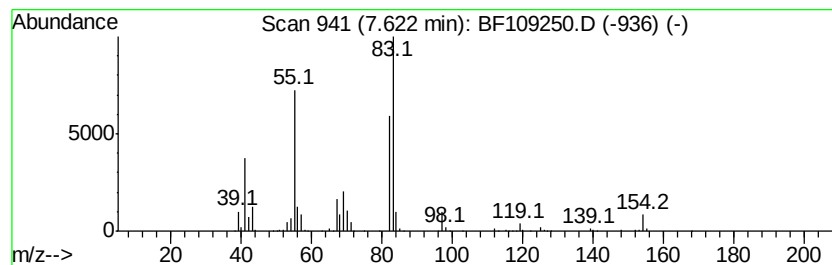
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	15.17 ng	1365940	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	72
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
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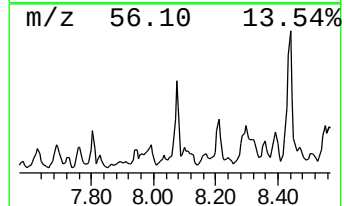
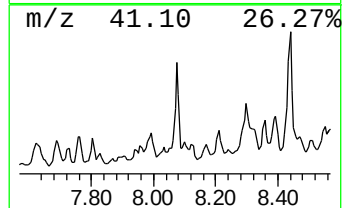
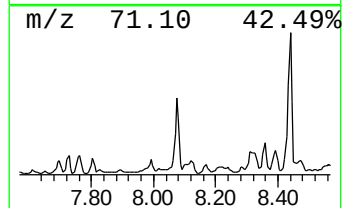
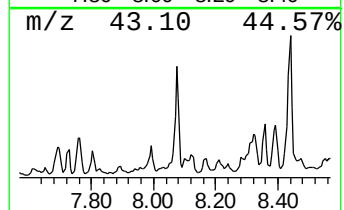
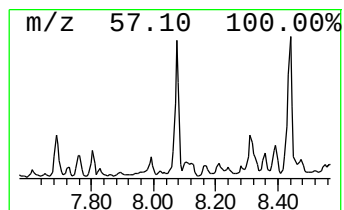
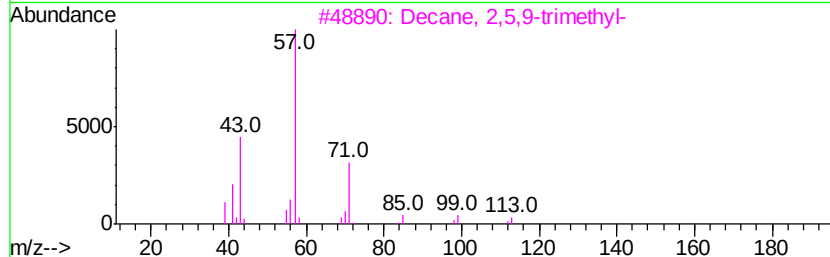
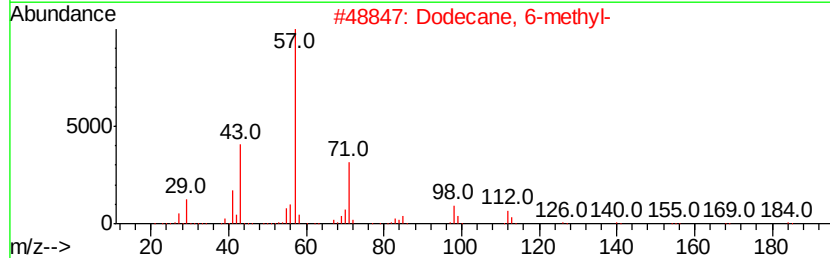
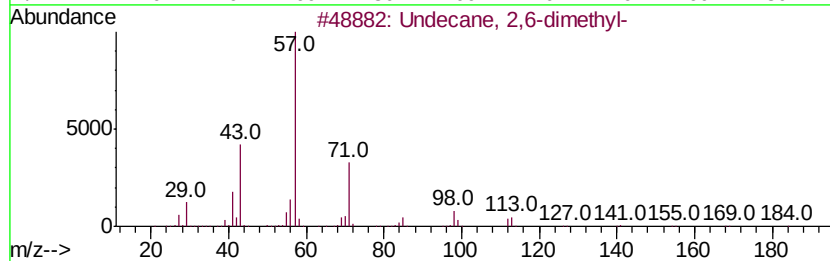
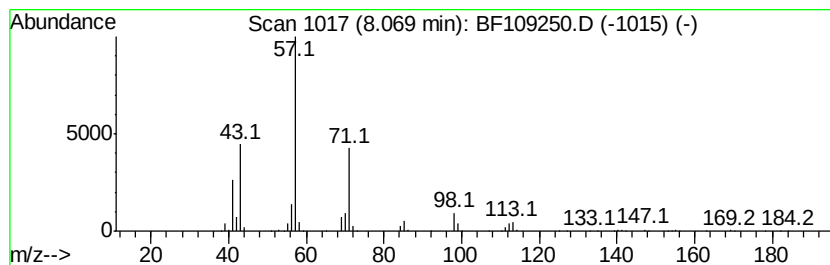
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	22.61 ng	2036450	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	72
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
Acq On : 23 Sep 2018 5:06
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Sample : J5017-05
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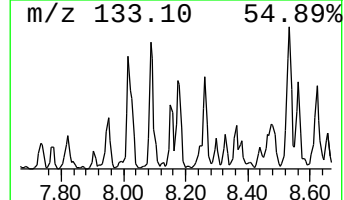
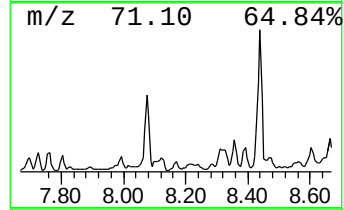
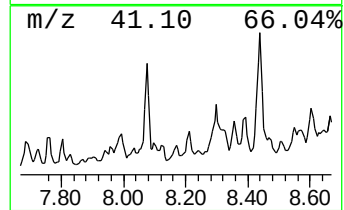
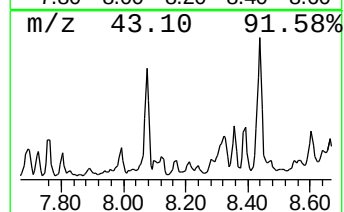
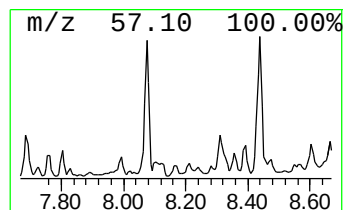
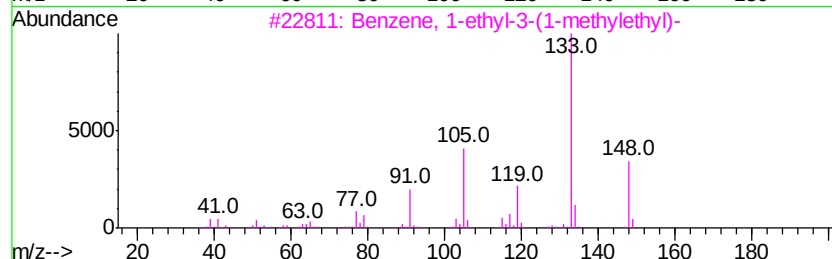
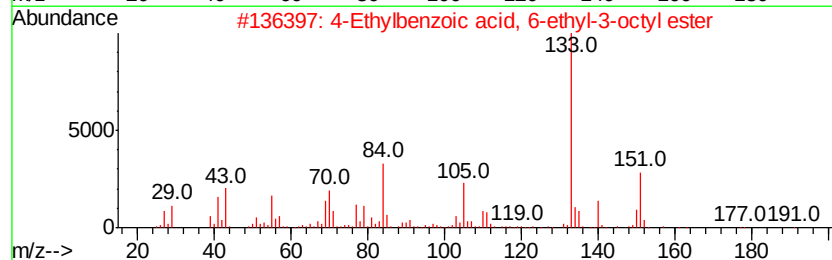
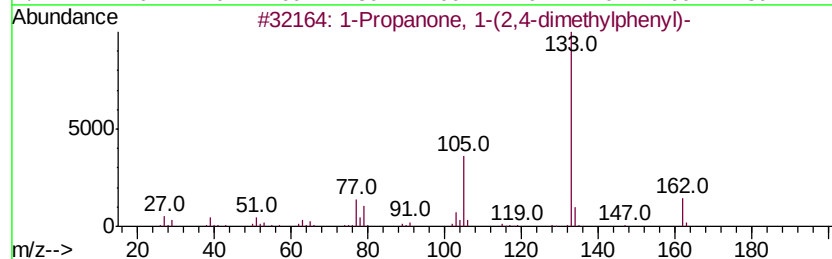
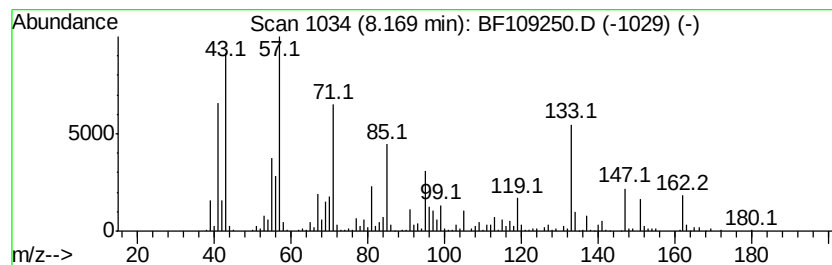
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.17 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.54 ng	1129390	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	45
2		4-Ethylbenzoic acid, 6-ethyl-3-o...	290	C19H30O2	1000293-32-3	43
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43
4		Phenol, 4-cyclopentyl-	162	C11H14O	001518-83-8	38
5		1-Propanone, 2-chloro-1-(2,4-dim...	210	C12H15ClO	054965-53-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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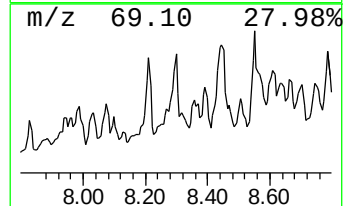
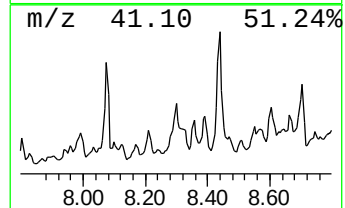
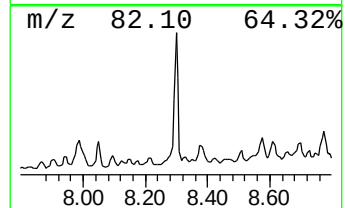
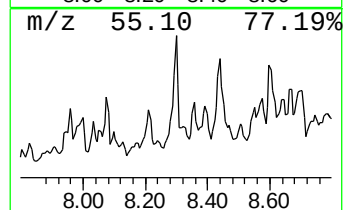
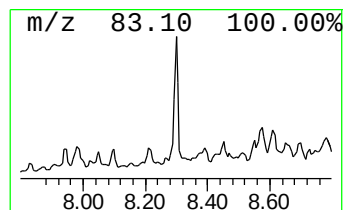
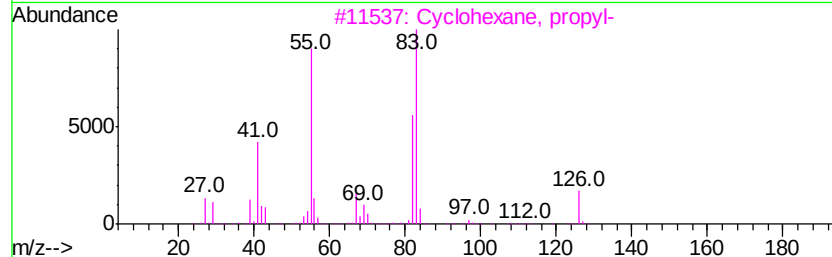
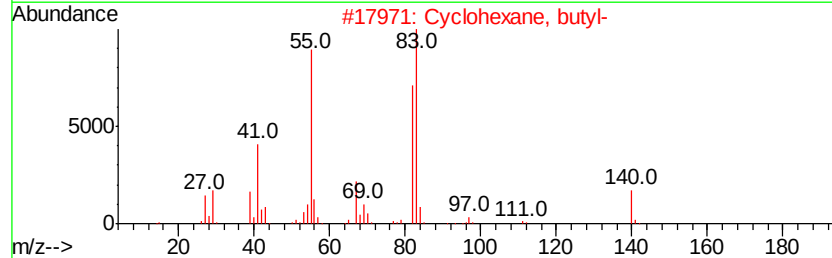
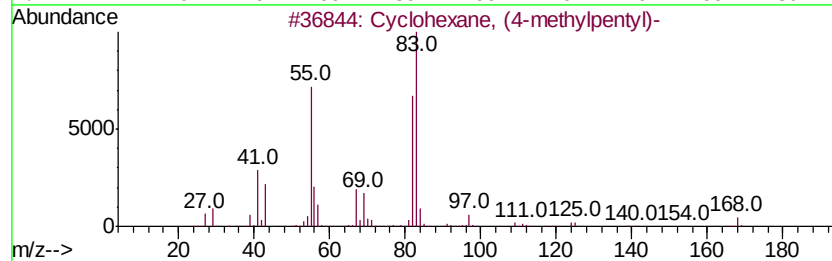
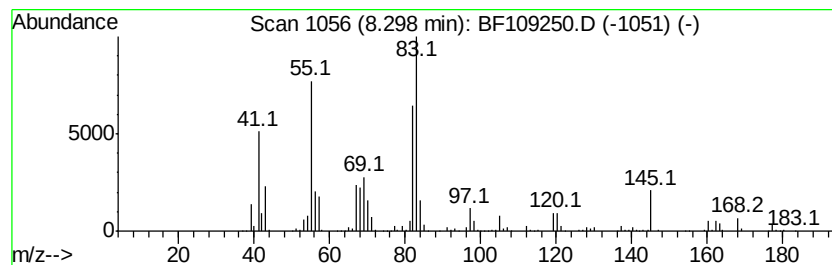
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	23.84 ng	2147390	Napthalene-d8	7.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 64
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 53
3		Cyclohexane, propyl-	126 C9H18	001678-92-8 53
4		Cyclohexane, hexyl-	168 C12H24	004292-75-5 47
5		3-Cyclohexyl-1-chloropropane	160 C9H17Cl	001124-62-5 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
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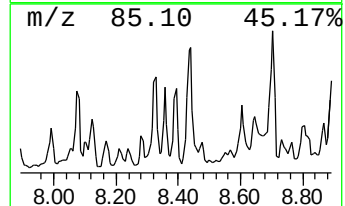
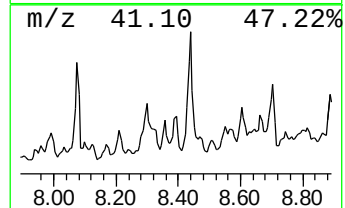
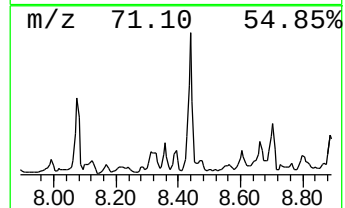
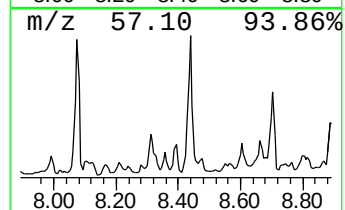
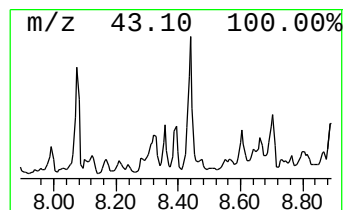
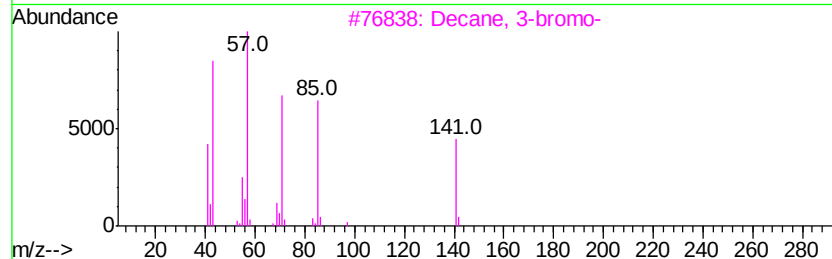
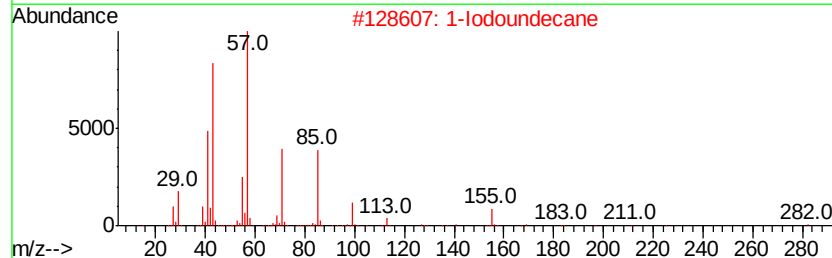
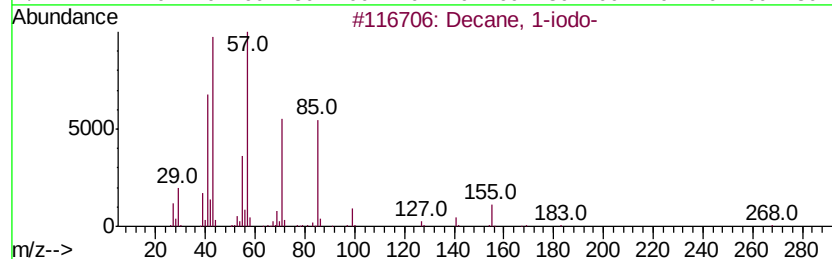
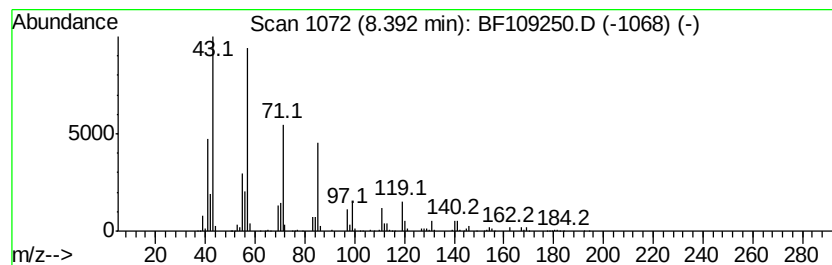
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	12.34 ng	1111240	Napthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	46
2		1-Iodoundecane	282	C11H23I	004282-44-4	46
3		Decane, 3-bromo-	220	C10H21Br	030571-71-2	46
4		Octane, 4-methyl-	128	C9H20	002216-34-4	43
5		Heneicosane	296	C21H44	000629-94-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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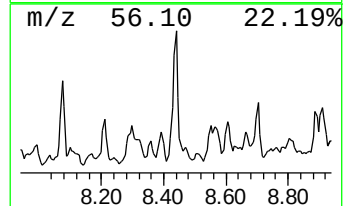
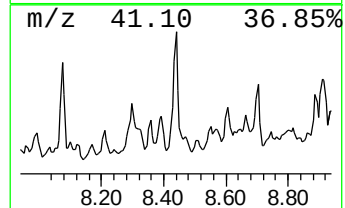
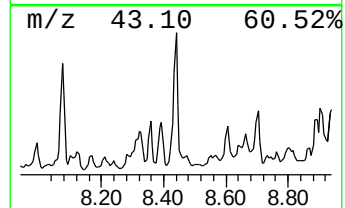
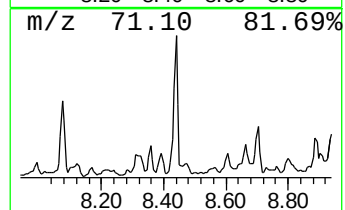
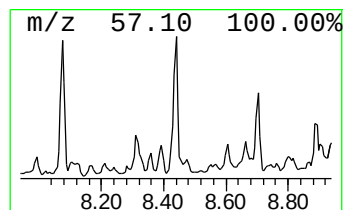
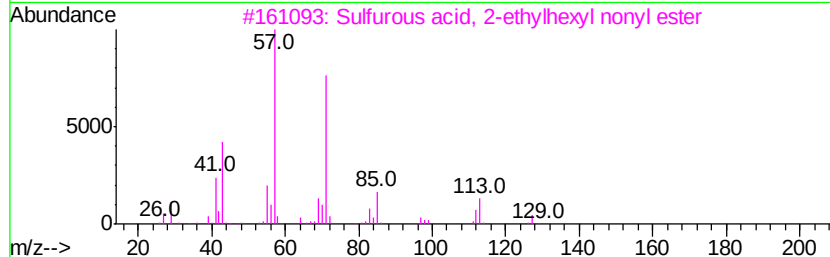
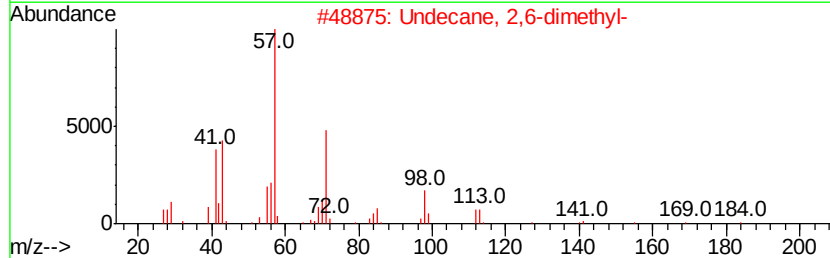
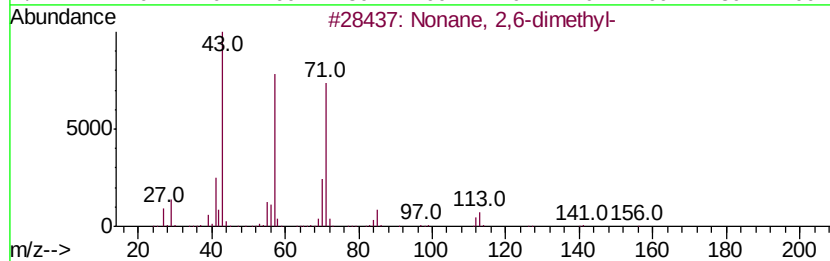
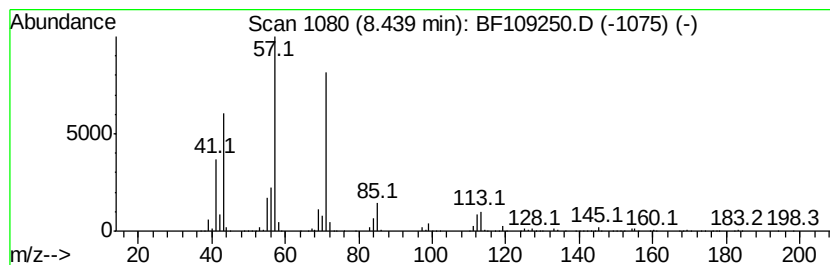
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	43.11 ng	3882440	Napthalene-d8	7.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	80
2	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	78
3	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	72
4	Octane, 3-ethyl-	142 C10H22	005881-17-4	72
5	Octane, 1,1'-oxybis-	242 C16H34O	000629-82-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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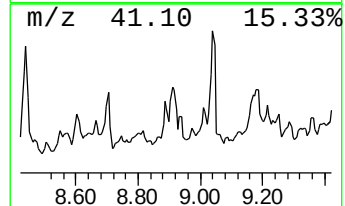
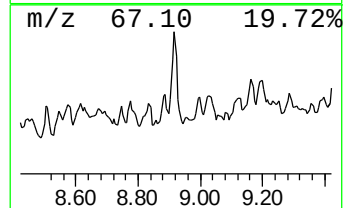
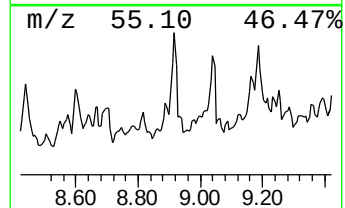
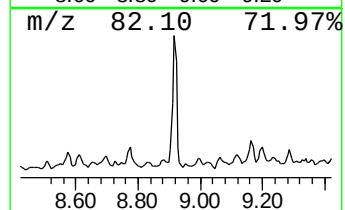
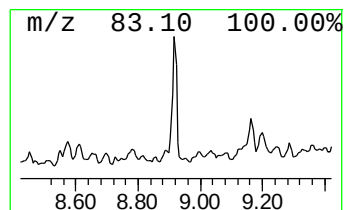
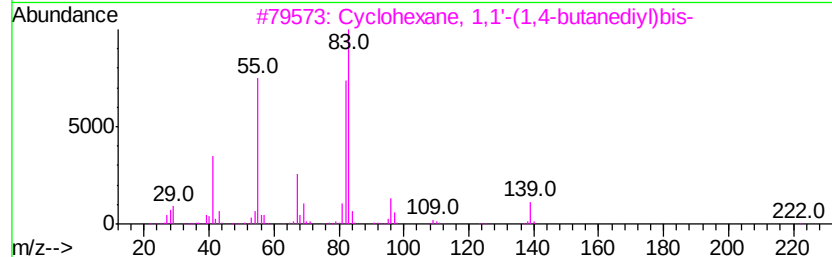
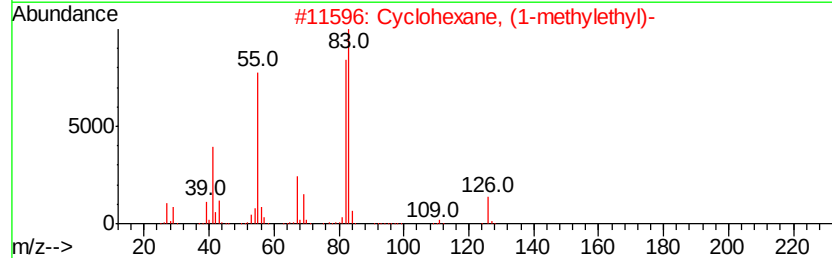
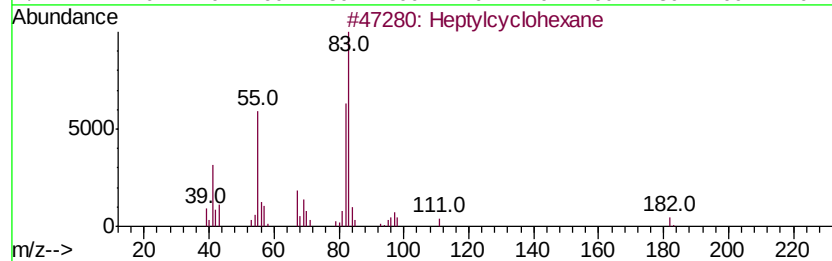
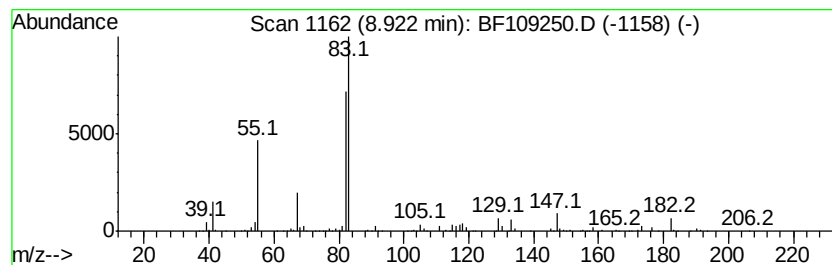
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	15.11 ng	2047800	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 80
2		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 72
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222 C16H30	006165-44-2 64
4		Cyclohexane, undecyl-	238 C17H34	054105-66-7 56
5		Cyclohexane, octyl-	196 C14H28	001795-15-9 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
Acq On : 23 Sep 2018 5:06
Operator : JU/SJ
Sample : J5017-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-EW-059

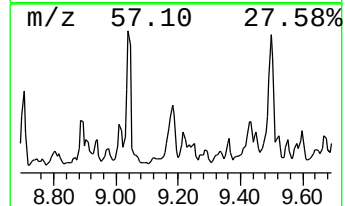
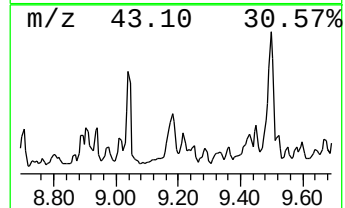
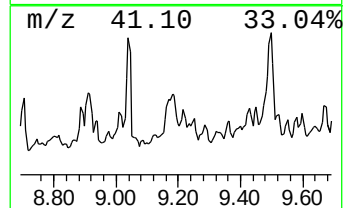
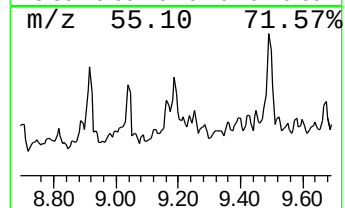
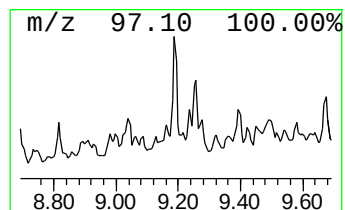
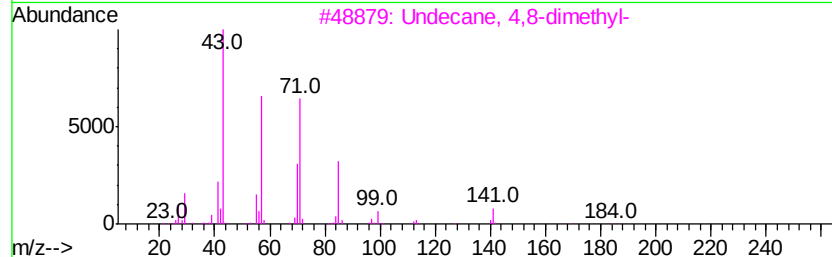
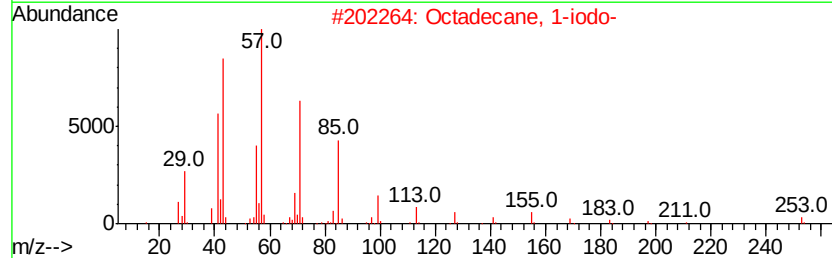
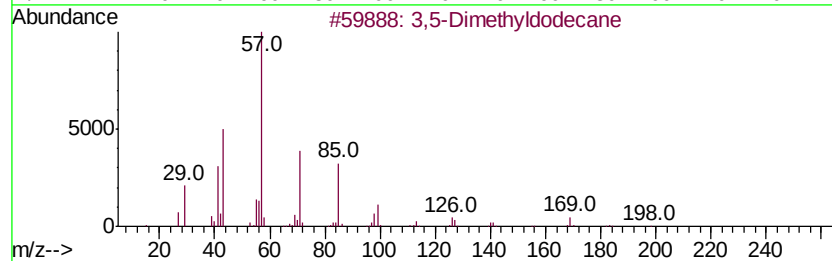
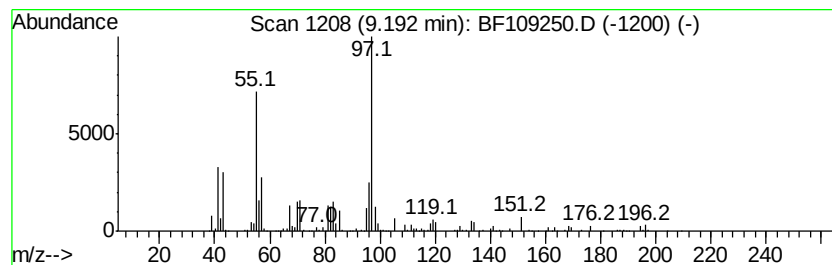
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	26.17 ng	3548200	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	46
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	43
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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Sample : J5017-05
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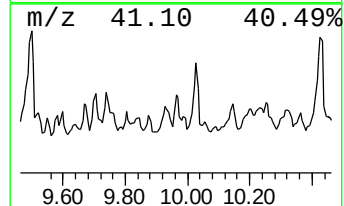
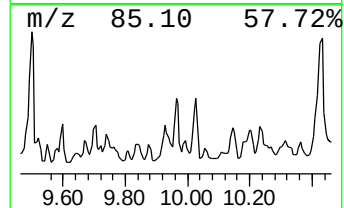
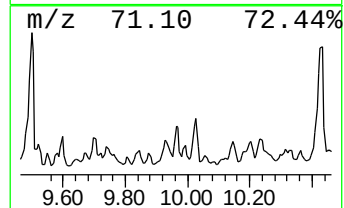
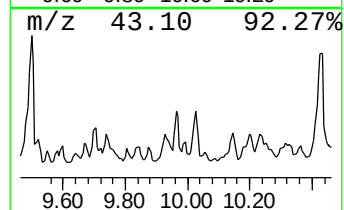
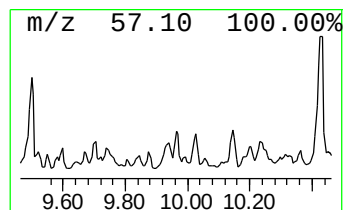
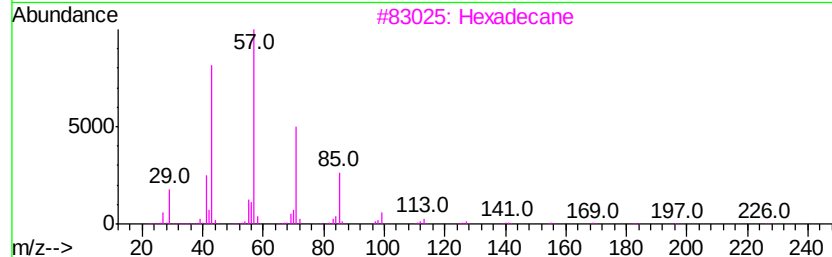
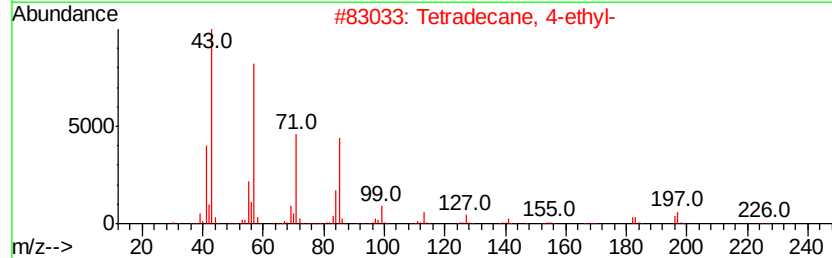
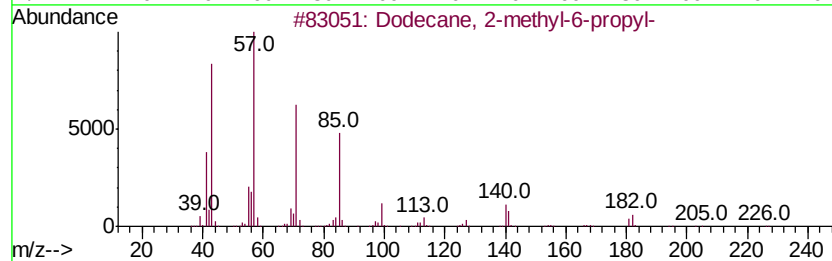
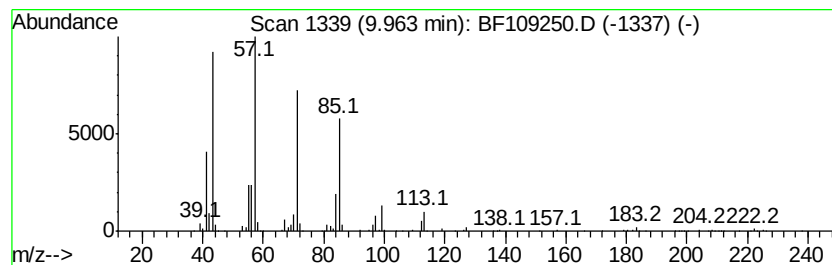
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.96	12.42 ng	1684330	Acenaphthene-d10	9.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80	
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80	
3	Hexadecane	226	C16H34	000544-76-3	72	
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72	
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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Sample : J5017-05
Misc :
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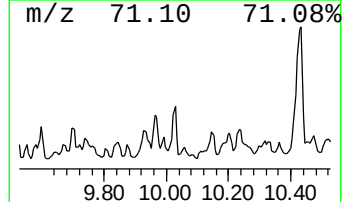
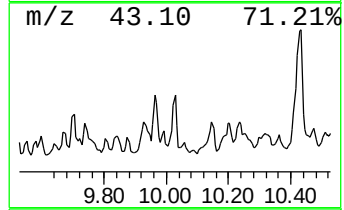
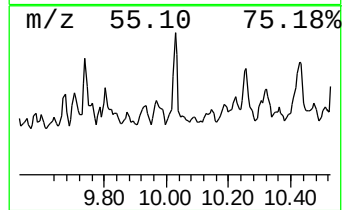
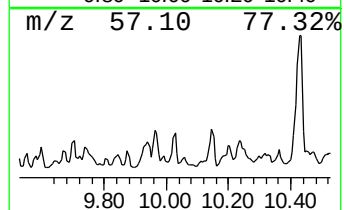
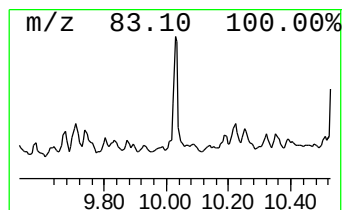
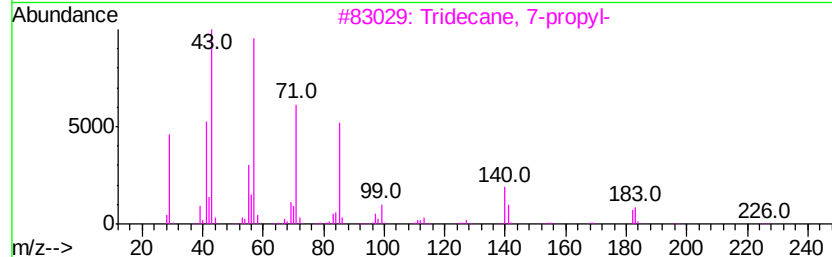
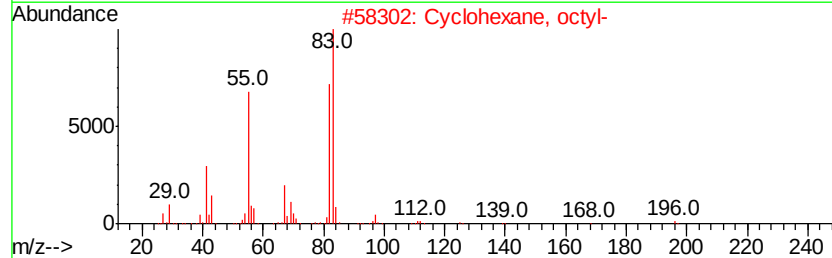
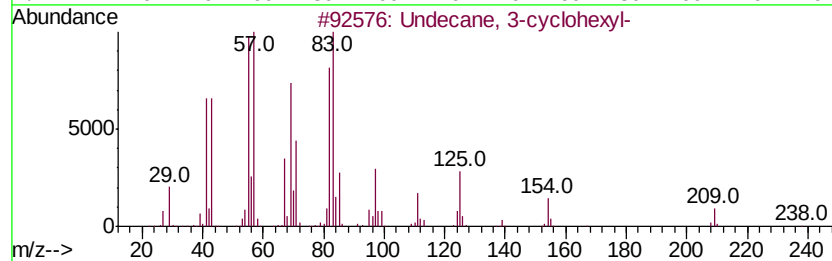
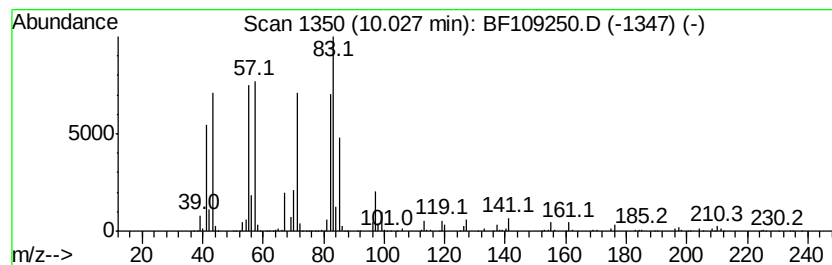
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.03	16.74 ng	2269610	Acenaphthene-d10		9.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-cyclohexyl-	238	C17H34	013151-78-5	49
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	46
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	42
4	Nonadecane	268	C19H40	000629-92-5	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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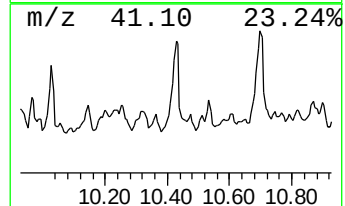
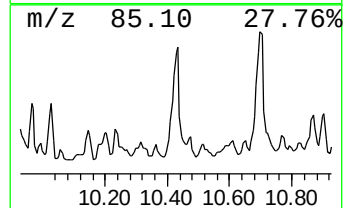
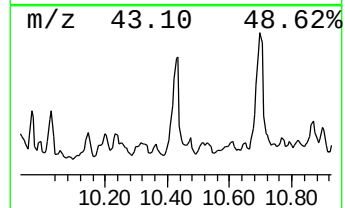
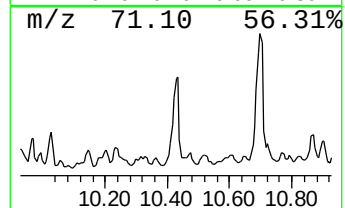
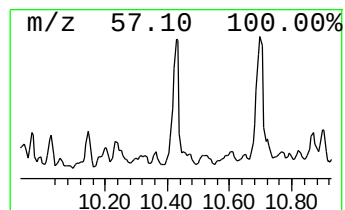
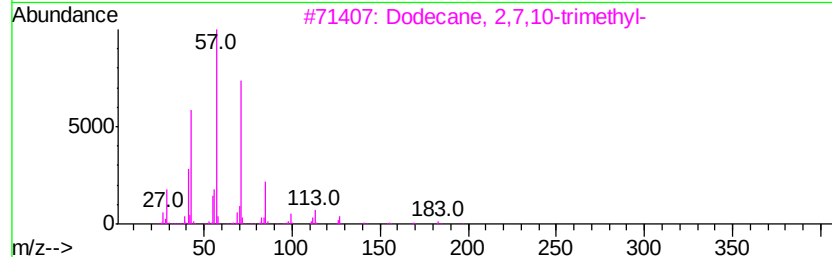
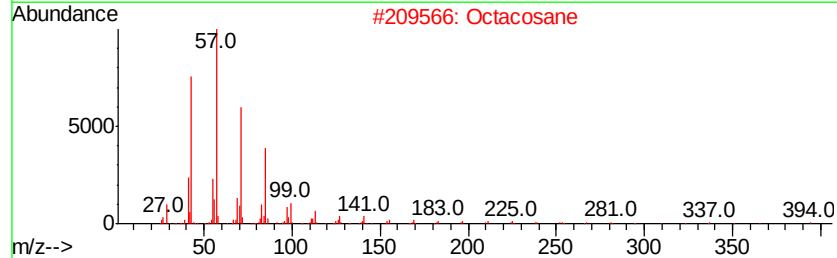
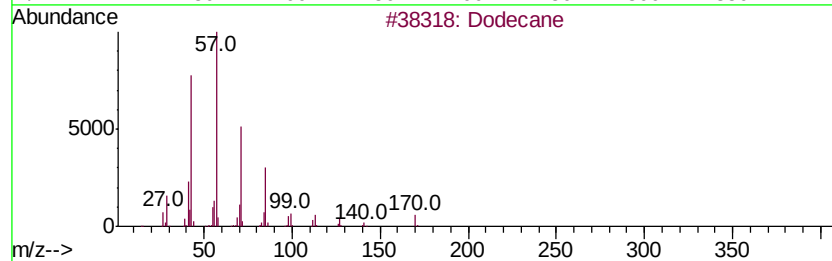
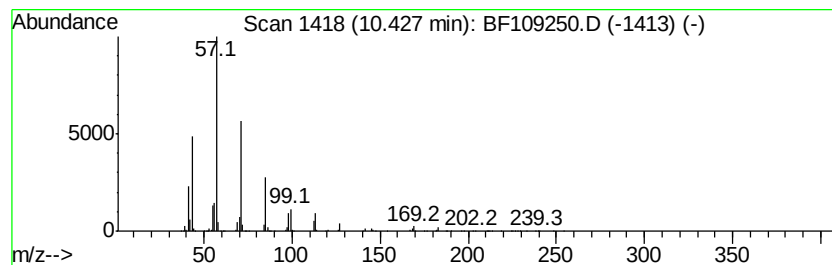
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	39.76 ng	5390770	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	83
2	Octacosane	394 C28H58	000630-02-4	72
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
4	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	72
5	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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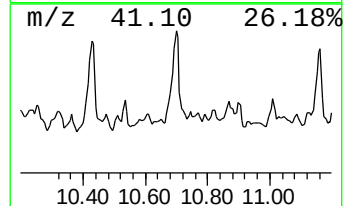
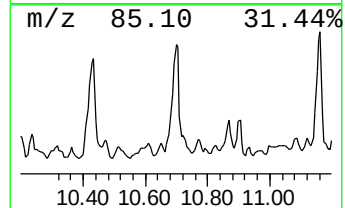
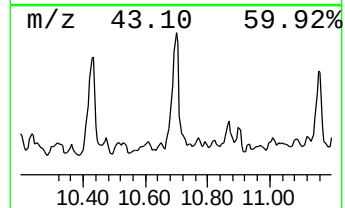
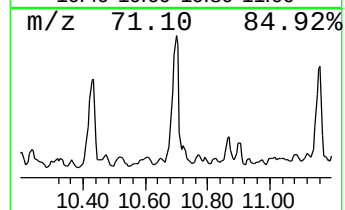
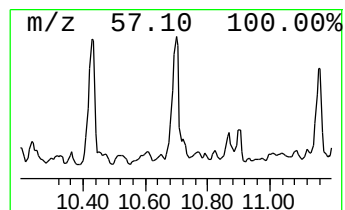
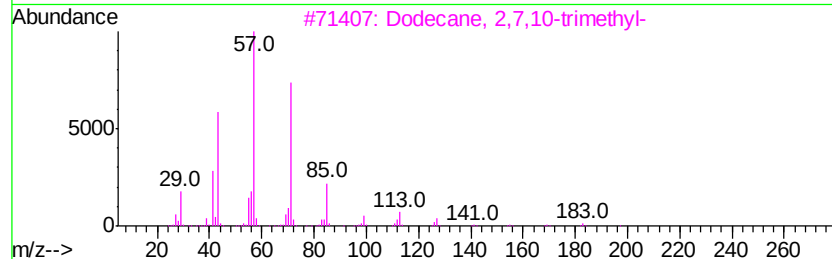
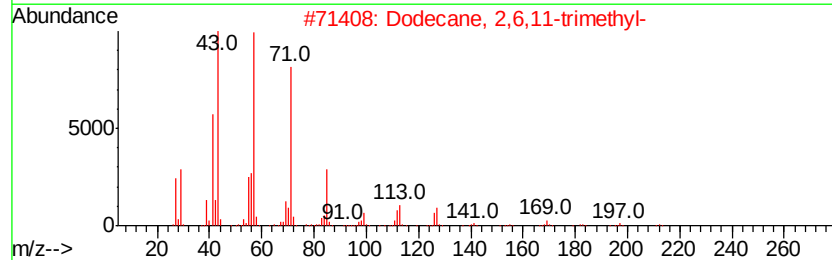
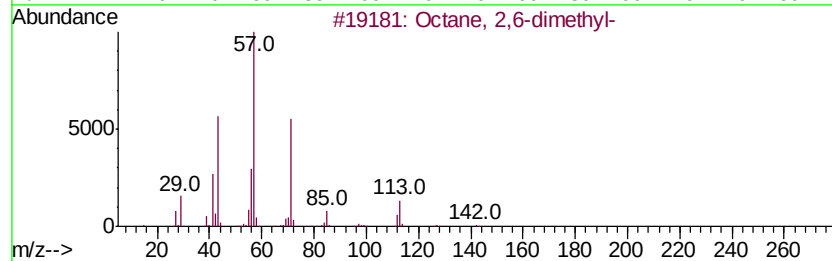
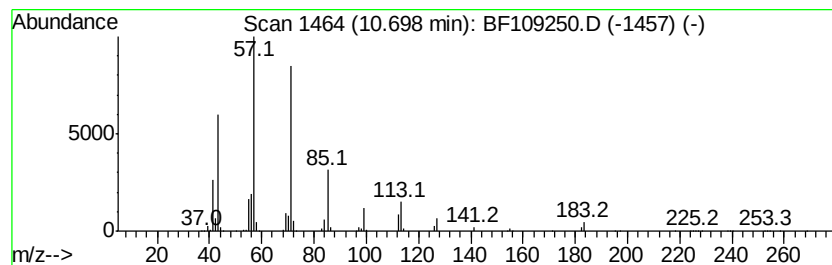
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	172.51 ng	7455440	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Dodecane	170	C12H26	000112-40-3	59
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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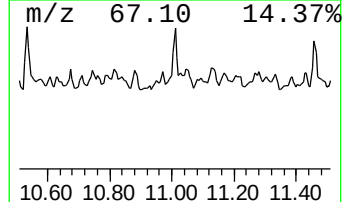
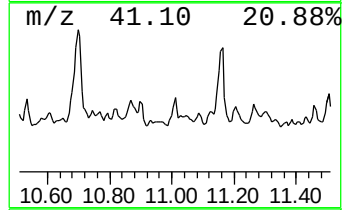
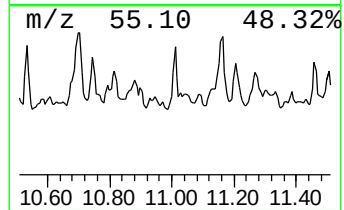
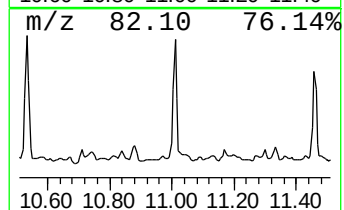
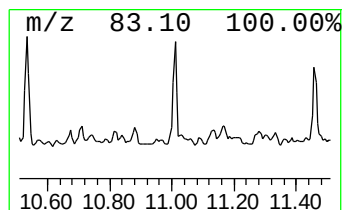
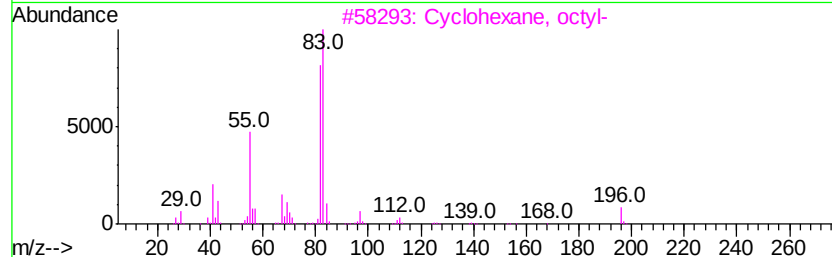
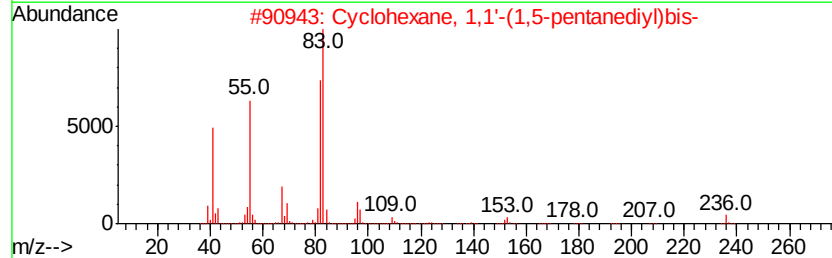
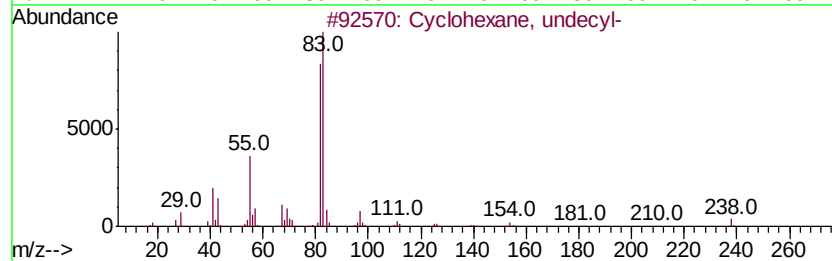
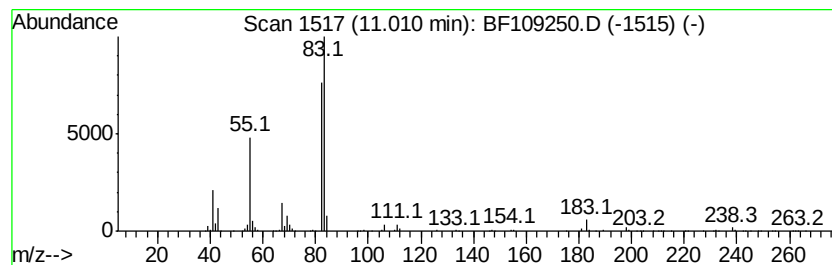
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Cyclohexane, undecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	16.36 ng	706998	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	86
2		Cyclohexane, 1,1'-(1,5-pentanedioyl)bis-	236	C17H32	054833-31-7	78
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	78
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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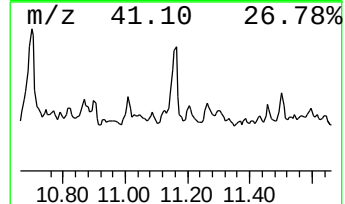
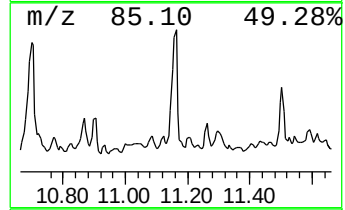
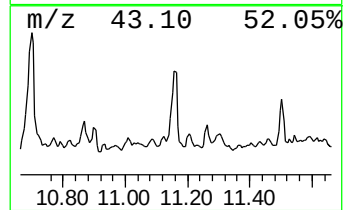
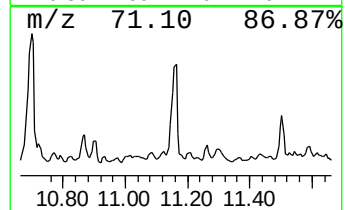
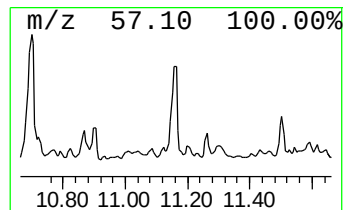
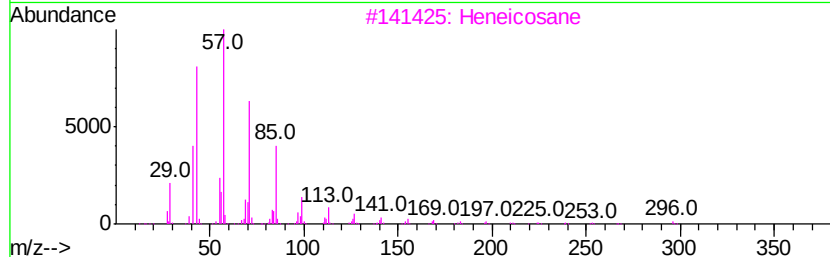
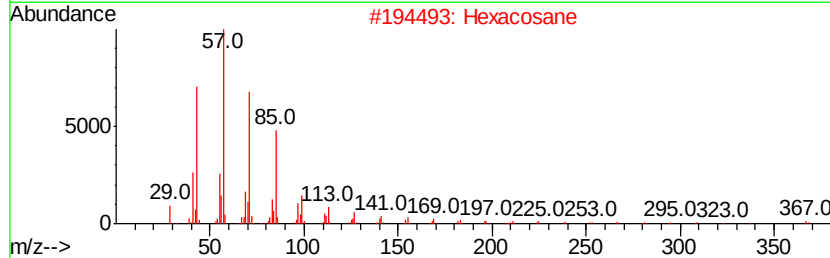
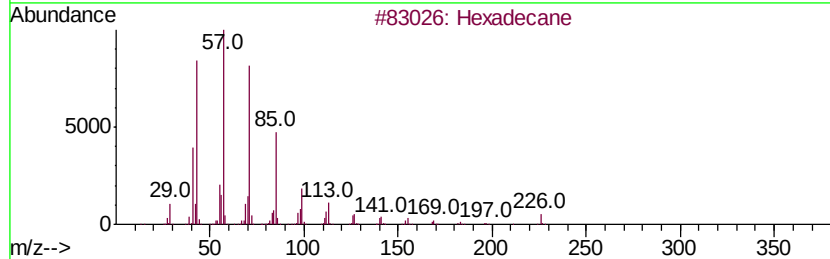
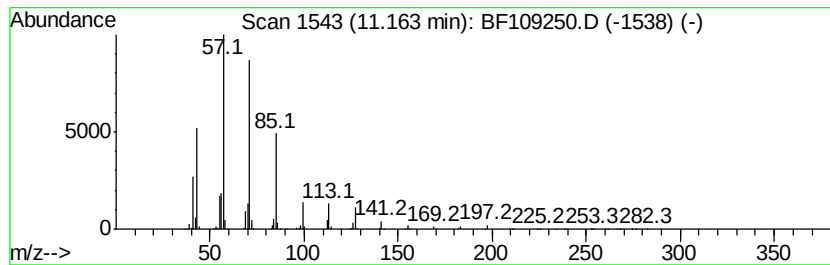
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	111.94 ng	4837790	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Tritetracontane	605	C43H88	007098-21-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
Acq On : 23 Sep 2018 5:06
Operator : JU/SJ
Sample : J5017-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

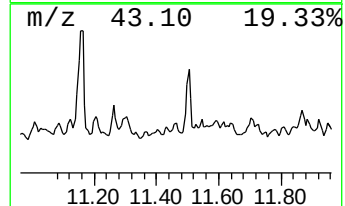
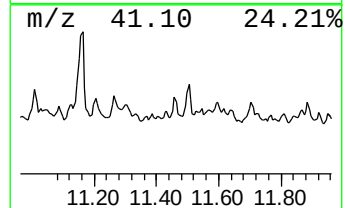
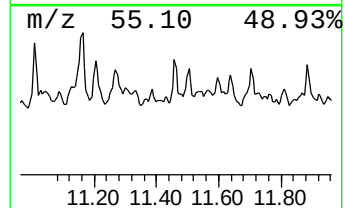
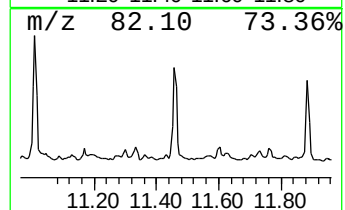
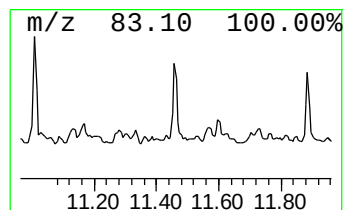
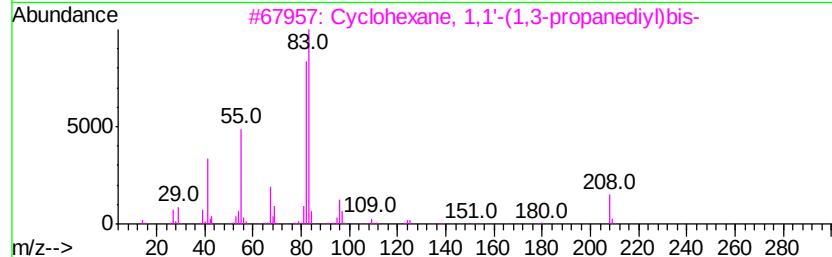
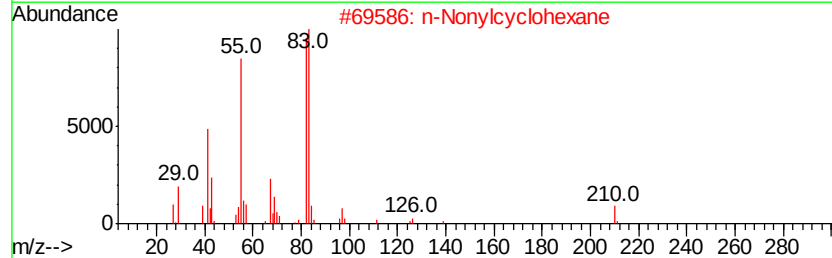
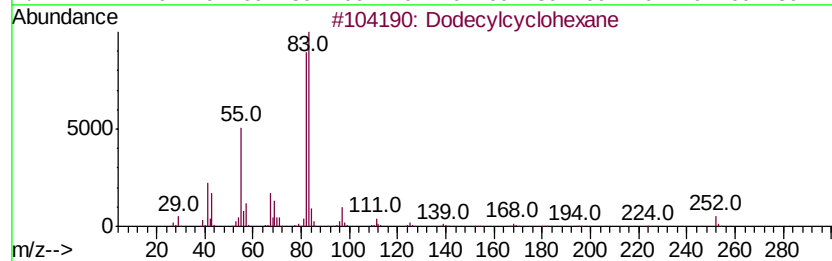
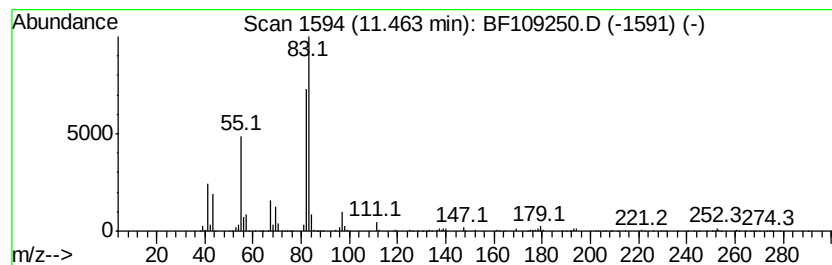
Instrument :
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ClientSampleId :
RA-091918-S-EW-059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	18.33 ng	792156	Phenanthrene-d10	11.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecylcyclohexane	252 C18H36	001795-17-1 91
2		n-Nonylcyclohexane	210 C15H30	002883-02-5 91
3		Cyclohexane, 1,1'-(1,3-propanedi...	208 C15H28	003178-24-3 90
4		Cyclohexane, propyl-	126 C9H18	001678-92-8 83
5		Cyclohexane, pentyl-	154 C11H22	004292-92-6 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109250.D
Acq On : 23 Sep 2018 5:06
Operator : JU/SJ
Sample : J5017-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-EW-059

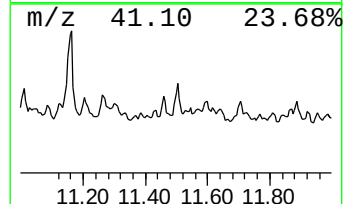
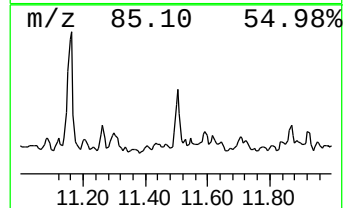
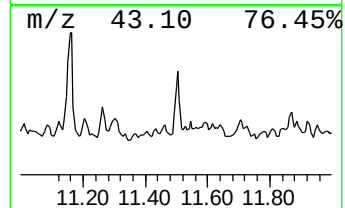
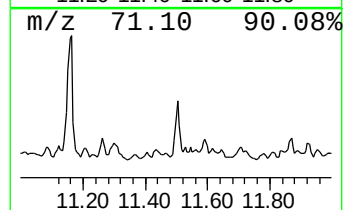
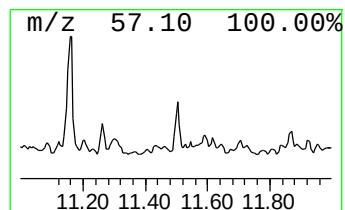
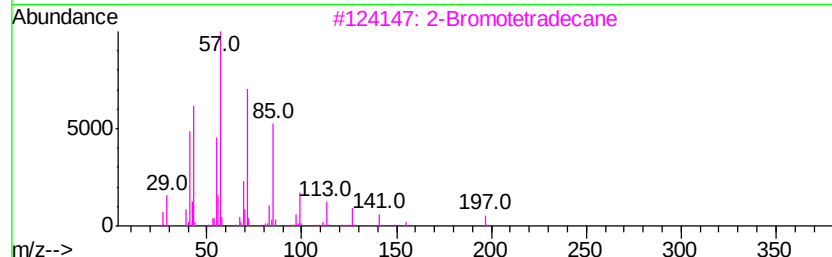
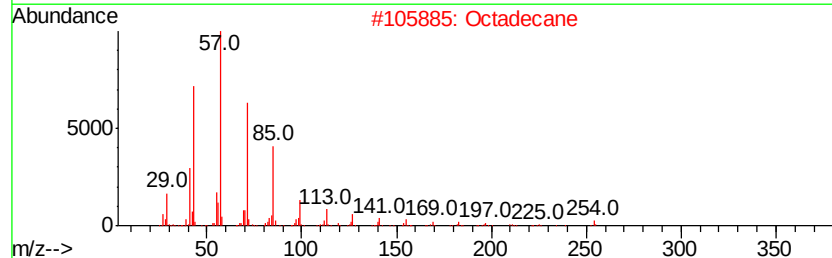
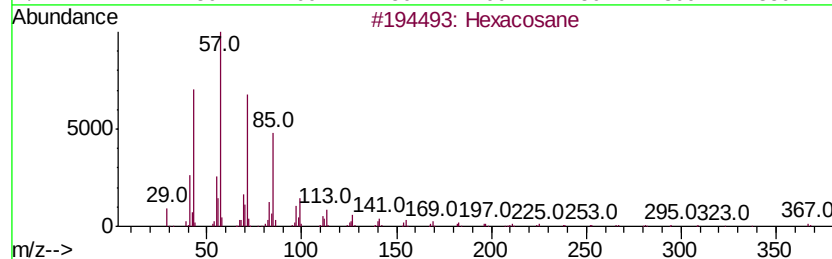
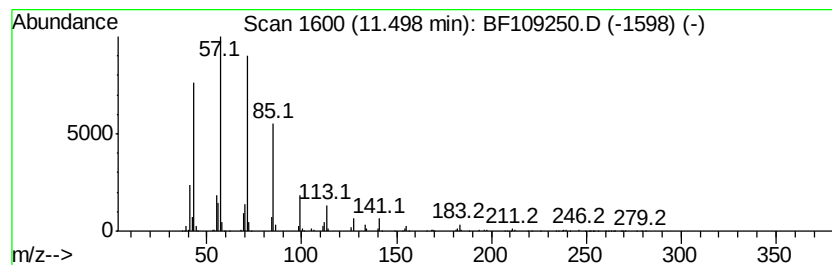
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	35.64 ng	1540180	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Octadecane	254	C18H38	000593-45-3	90
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
 Data File : BF109250.D
 Acq On : 23 Sep 2018 5:06
 Operator : JU/SJ
 Sample : J5017-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-EW-059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.48	6.48	96.1 ng		3144490	1	6.70	654685	20.0
Nonane, 2,5-dimet...	7.00	13.7 ng		448959	1	6.70	654685	20.0
unknown7.11	7.11	16.1 ng		526952	1	6.70	654685	20.0
Cyclohexane, pentyl-	7.62	15.2 ng		1365940	2	7.99	1801270	20.0
Undecane, 2,6-dim...	8.07	22.6 ng		2036450	2	7.99	1801270	20.0
unknown8.17	8.17	12.5 ng		1129390	2	7.99	1801270	20.0
Cyclohexane, (4-m...	8.30	23.8 ng		2147390	2	7.99	1801270	20.0
unknown8.39	8.39	12.3 ng		1111240	2	7.99	1801270	20.0
Nonane, 2,6-dimet...	8.44	43.1 ng		3882440	2	7.99	1801270	20.0
Heptylcyclohexane	8.92	15.1 ng		2047800	3	9.75	2711330	20.0
unknown9.19	9.19	26.2 ng		3548200	3	9.75	2711330	20.0
Dodecane, 2-methy...	9.96	12.4 ng		1684330	3	9.75	2711330	20.0
unknown10.03	10.03	16.7 ng		2269610	3	9.75	2711330	20.0
Dodecane	10.43	39.8 ng		5390770	3	9.75	2711330	20.0
Octane, 2,6-dimet...	10.70	172.5 ng		7455440	4	11.23	864331	20.0
Cyclohexane, unde...	11.01	16.4 ng		706998	4	11.23	864331	20.0
Hexadecane	11.16	111.9 ng		4837790	4	11.23	864331	20.0
Dodecylcyclohexane	11.46	18.3 ng		792156	4	11.23	864331	20.0
Hexacosane	11.50	35.6 ng		1540180	4	11.23	864331	20.0