

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109549.D
 Acq On : 3 Oct 2018 16:33
 Operator : JU/SJ
 Sample : J5194-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100218-A

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	5.310	546	548	557	rVB	610038	632894	6.47%	0.692%
2	5.616	596	600	606	rBV	429662	411491	4.21%	0.450%
3	5.957	655	658	664	rVB2	587847	628499	6.43%	0.687%
4	6.151	685	691	694	rBV3	275273	396654	4.06%	0.434%
5	6.216	699	702	703	rVV	392414	300679	3.08%	0.329%
6	6.245	703	707	709	rVV2	492859	496181	5.08%	0.543%
7	6.304	714	717	721	rBV	902936	802050	8.21%	0.877%
8	6.339	721	723	728	rVV	684677	776811	7.95%	0.850%
9	6.386	728	731	734	rVV2	239979	298484	3.05%	0.326%
10	6.451	738	742	743	rBV2	344719	437606	4.48%	0.479%
11	6.469	743	745	750	rVB	865254	967265	9.90%	1.058%
12	6.557	756	760	764	rVB	2838909	2539622	25.98%	2.778%
13	6.657	772	777	779	rBV4	197568	310687	3.18%	0.340%
14	6.704	782	785	787	rVV	826369	752277	7.70%	0.823%
15	6.733	787	790	793	rVB2	1166560	997530	10.21%	1.091%
16	6.763	793	795	800	rBV2	641817	734292	7.51%	0.803%
17	6.857	809	811	816	rVV3	1293907	1317647	13.48%	1.441%
18	6.951	824	827	830	rBV2	247708	353995	3.62%	0.387%
19	6.992	830	834	837	rVB3	819575	1086263	11.11%	1.188%
20	7.028	837	840	842	rBV2	1134098	1024835	10.48%	1.121%
21	7.057	842	845	850	rVB	940079	865582	8.86%	0.947%
22	7.104	850	853	856	rBV	1568848	1330877	13.62%	1.456%
23	7.245	873	877	879	rBV2	654440	915919	9.37%	1.002%
24	7.263	879	880	883	rVB2	468738	314413	3.22%	0.344%
25	7.322	886	890	892	rVB	2974368	2701477	27.64%	2.955%
26	7.357	892	896	900	rVB4	603672	821071	8.40%	0.898%
27	7.392	900	902	905	rBV3	349977	403952	4.13%	0.442%
28	7.428	905	908	911	rVB2	583910	555250	5.68%	0.607%
29	7.480	911	917	918	rBV4	264138	401853	4.11%	0.440%
30	7.504	918	921	927	rVB3	804315	1175180	12.02%	1.285%
31	7.616	934	940	944	rBV5	538014	1192502	12.20%	1.304%
32	7.680	948	951	954	rBV2	607494	690572	7.06%	0.755%
33	7.716	954	957	961	rBV3	819173	1131131	11.57%	1.237%
34	7.751	961	963	967	rVB2	1121214	1147591	11.74%	1.255%

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

35	7.798	967	971	972	rBV2	896324	778504	7.96%	0.851%
36	7.880	983	985	987	rVV	310924	313727	3.21%	0.343%
37	7.933	991	994	995	rVV	332390	288908	2.96%	0.316%
38	7.951	995	997	998	rVV	424437	363126	3.71%	0.397%
39	7.986	998	1003	1006	rVV	3505313	3704028	37.89%	4.051%
40	8.010	1006	1007	1010	rVV2	401421	500133	5.12%	0.547%
41	8.039	1010	1012	1014	rVV3	484651	548651	5.61%	0.600%
42	8.063	1014	1016	1018	rVV	1382092	1085749	11.11%	1.188%
43	8.086	1018	1020	1023	rVV3	399254	451448	4.62%	0.494%
44	8.116	1023	1025	1027	rVB3	352701	264397	2.70%	0.289%
45	8.163	1027	1033	1035	rBV5	372811	570498	5.84%	0.624%
46	8.186	1035	1037	1038	rVV2	354415	339324	3.47%	0.371%
47	8.198	1038	1039	1042	rVV	492781	394792	4.04%	0.432%
48	8.233	1042	1045	1047	rVV2	330636	354523	3.63%	0.388%
49	8.286	1049	1054	1057	rVV5	781351	1340397	13.71%	1.466%
50	8.310	1057	1058	1061	rVV2	554237	449323	4.60%	0.491%
51	8.345	1061	1064	1066	rVV2	778137	709274	7.26%	0.776%
52	8.375	1066	1069	1073	rVV2	938837	1000239	10.23%	1.094%
53	8.422	1073	1077	1081	rVV2	1724461	1917964	19.62%	2.098%
54	8.492	1086	1089	1092	rVV2	598153	557061	5.70%	0.609%
55	8.533	1092	1096	1098	rVV4	305700	365144	3.74%	0.399%
56	8.592	1102	1106	1110	rVV	2789729	2735070	27.98%	2.991%
57	8.645	1113	1115	1119	rVV3	553742	736240	7.53%	0.805%
58	8.686	1119	1122	1125	rVB2	571623	589092	6.03%	0.644%
59	8.810	1140	1143	1148	rVV2	420829	459036	4.70%	0.502%
60	8.869	1150	1153	1155	rBV3	487012	440579	4.51%	0.482%
61	8.892	1155	1157	1160	rVV3	408682	505338	5.17%	0.553%
62	8.922	1160	1162	1165	rVV3	406943	399423	4.09%	0.437%
63	8.951	1165	1167	1170	rVB	725538	580439	5.94%	0.635%
64	8.992	1171	1174	1176	rBV	550008	474079	4.85%	0.519%
65	9.022	1176	1179	1182	rVB2	1145009	1034813	10.59%	1.132%
66	9.057	1182	1185	1190	rVB	910365	797417	8.16%	0.872%
67	9.157	1197	1202	1205	rBV	2251980	2321457	23.75%	2.539%
68	9.198	1206	1209	1210	rVV	281518	291867	2.99%	0.319%
69	9.404	1241	1244	1246	rVV3	353056	468849	4.80%	0.513%
70	9.427	1246	1248	1250	rVV2	332497	273135	2.79%	0.299%
71	9.469	1250	1255	1257	rVV3	853684	1345799	13.77%	1.472%

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72	9.492	1257	1259	1262	rVV	567267	472811	4.84%	0.517%
73	9.527	1262	1265	1268	rVB2	386996	316749	3.24%	0.346%
74	9.680	1288	1291	1294	rVV	1690087	1317543	13.48%	1.441%
75	9.733	1295	1300	1304	rVV2	759116	864194	8.84%	0.945%
76	9.904	1326	1329	1333	rBV3	173164	271463	2.78%	0.297%
77	9.998	1342	1345	1349	rVB3	286986	292394	2.99%	0.320%
78	10.174	1371	1375	1378	rBV	741922	619719	6.34%	0.678%
79	10.516	1429	1433	1437	rBV3	459122	475076	4.86%	0.520%
80	10.645	1452	1455	1462	rBV	464821	537192	5.50%	0.588%
81	11.092	1527	1531	1533	rBV	332873	279186	2.86%	0.305%
82	11.210	1547	1551	1554	rBV	641207	581722	5.95%	0.636%
83	11.615	1616	1620	1628	rVB	3107479	2685962	27.48%	2.938%
84	11.751	1639	1643	1651	rBV2	254510	295494	3.02%	0.323%
85	11.921	1665	1672	1680	rBV	273711	331178	3.39%	0.362%
86	12.315	1732	1739	1740	rBV2	6279436	9774884	100.00%	10.691%
87	12.333	1740	1742	1747	rVV2	6329454	6628587	67.81%	7.250%
88	12.404	1751	1754	1758	rVV2	1770676	1752317	17.93%	1.917%
89	12.445	1758	1761	1762	rVV	391351	407457	4.17%	0.446%
90	12.462	1762	1764	1773	rVV	530849	717962	7.34%	0.785%
91	12.639	1790	1794	1798	rBV2	232321	298812	3.06%	0.327%
92	12.792	1816	1820	1826	rBV	845585	714482	7.31%	0.781%
93	13.033	1858	1861	1866	rBV2	267922	353321	3.61%	0.386%
94	13.839	1994	1998	2001	rBV	692882	709269	7.26%	0.776%
95	14.615	2127	2130	2133	rBV	340150	333272	3.41%	0.365%
96	14.927	2180	2183	2190	rVB	309416	345687	3.54%	0.378%
97	15.245	2234	2237	2240	rBV	349391	391860	4.01%	0.429%
98	15.280	2240	2243	2248	rVB	314621	361250	3.70%	0.395%
99	15.680	2308	2311	2316	rVB	230918	308431	3.16%	0.337%
100	15.898	2344	2348	2354	rVB	205602	328997	3.37%	0.360%

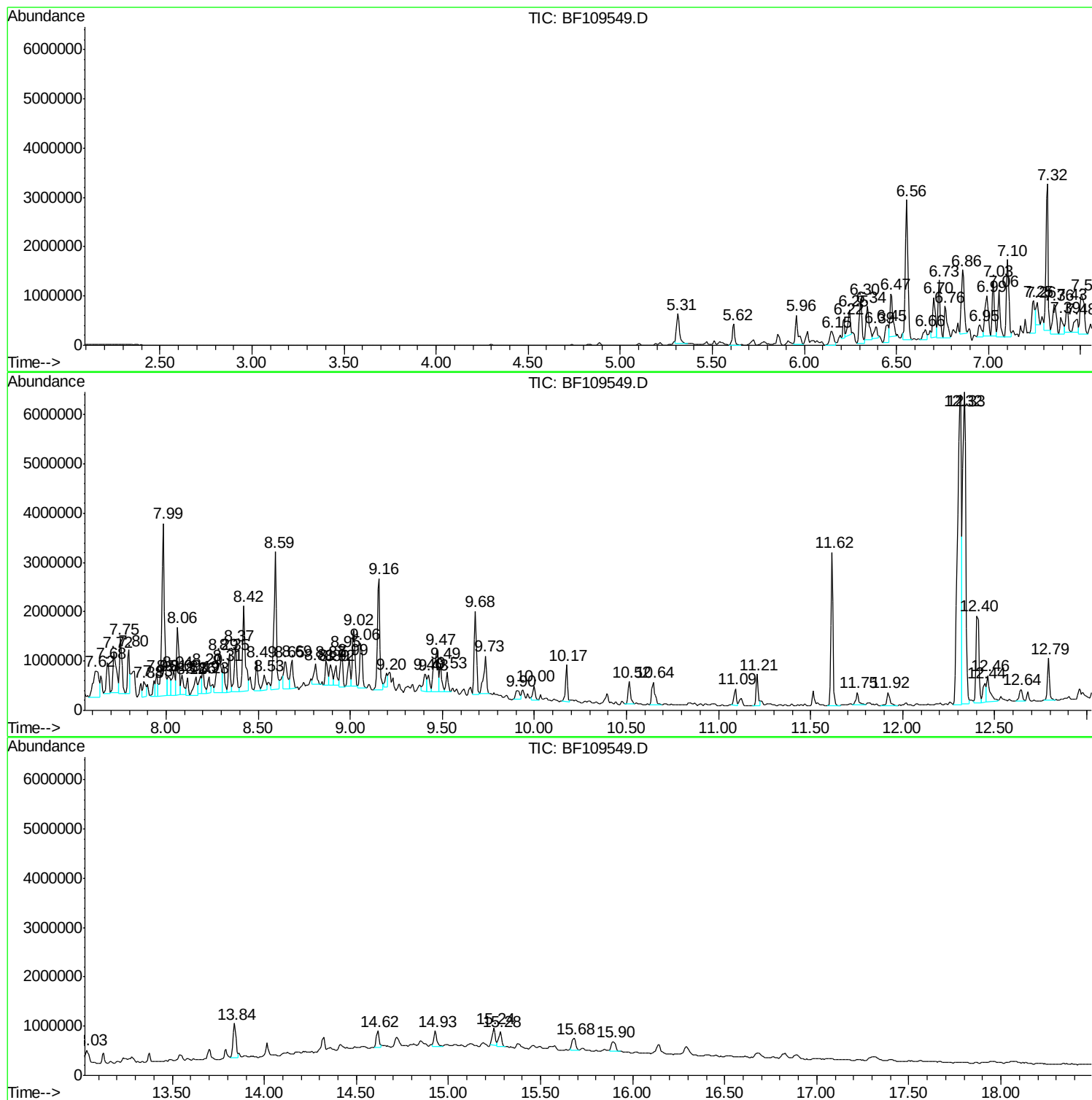
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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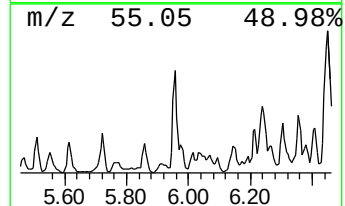
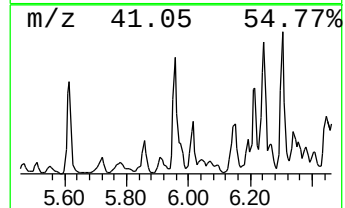
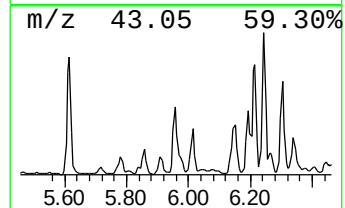
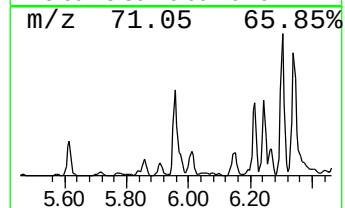
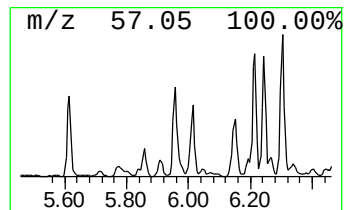
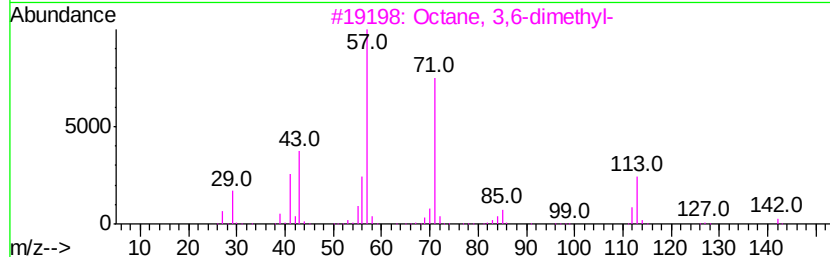
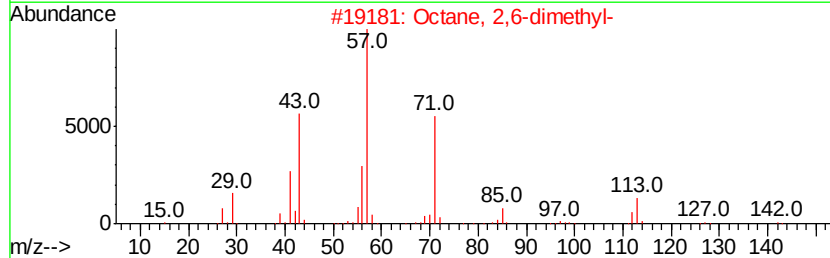
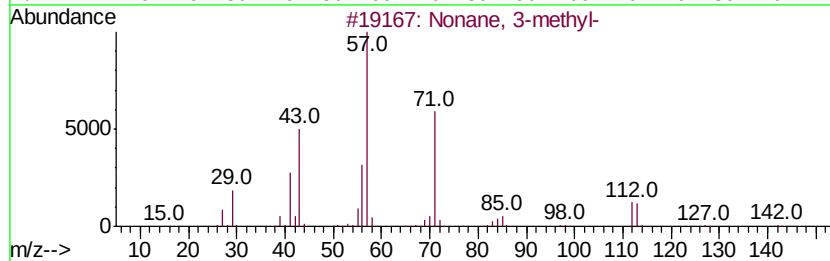
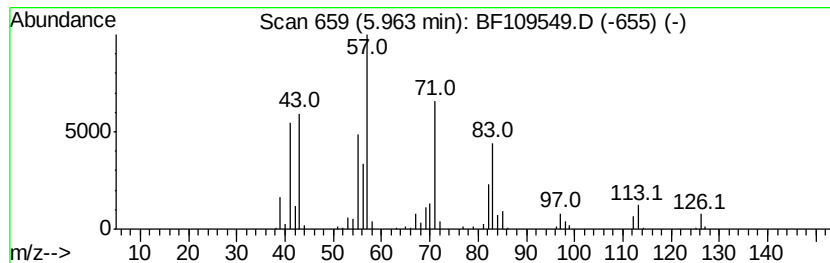
Instrument :
BNA_F
ClientSampled :
HR-06-100218-A

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 Nonane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.96	16.71 ng	628499	1,4-Dichlorobenzene-d4	6.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
4	3-Bromooctane	192	C8H17Br	000999-64-4	38
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	38



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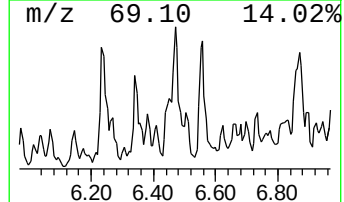
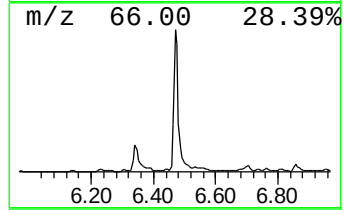
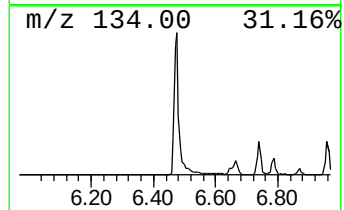
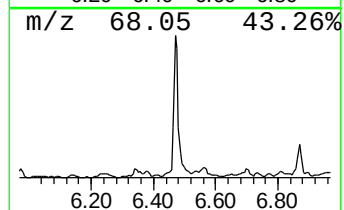
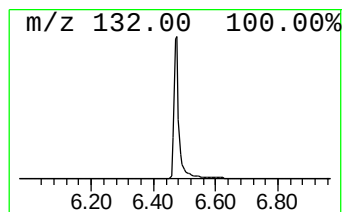
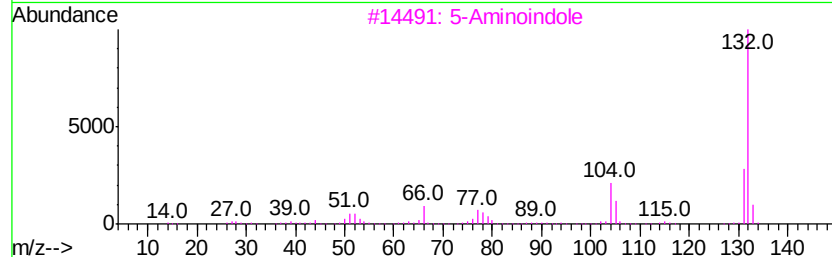
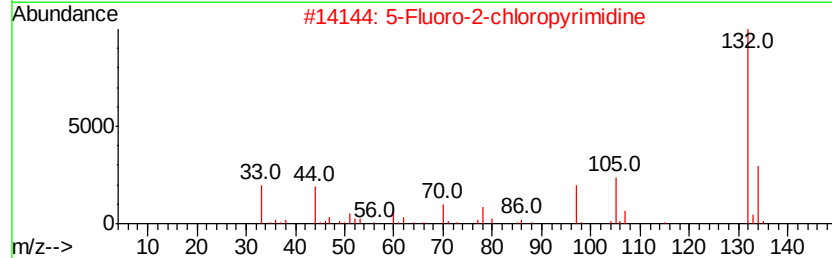
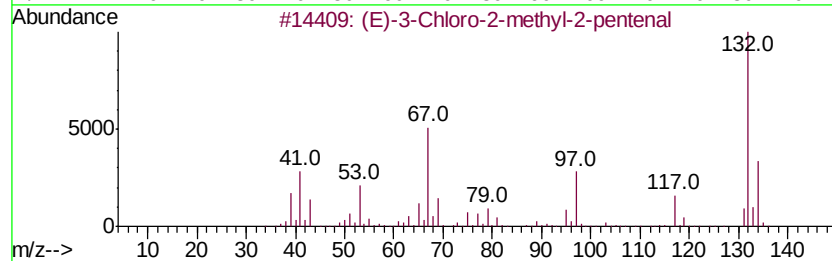
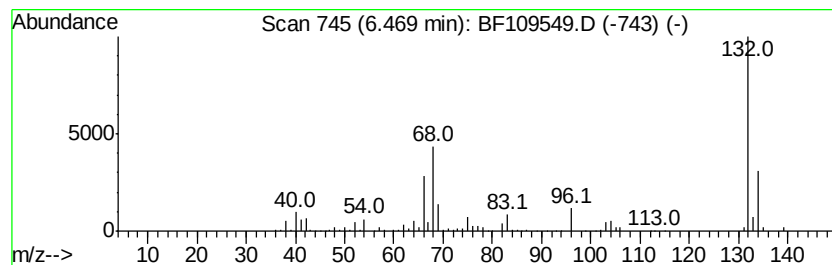
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	25.72 ng	967265	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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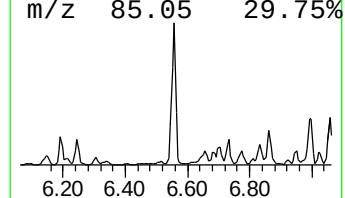
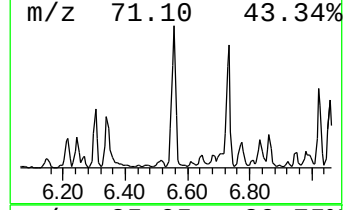
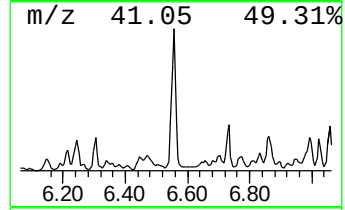
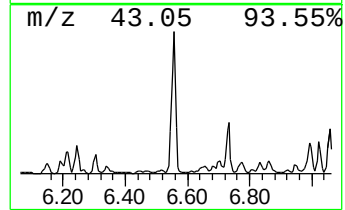
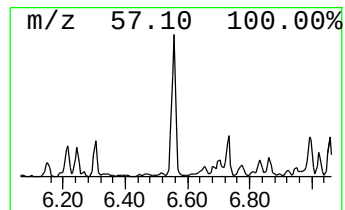
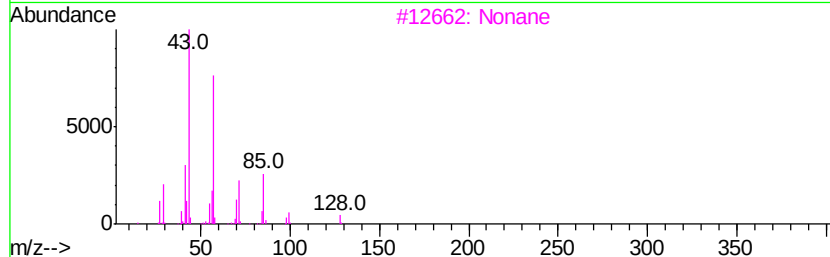
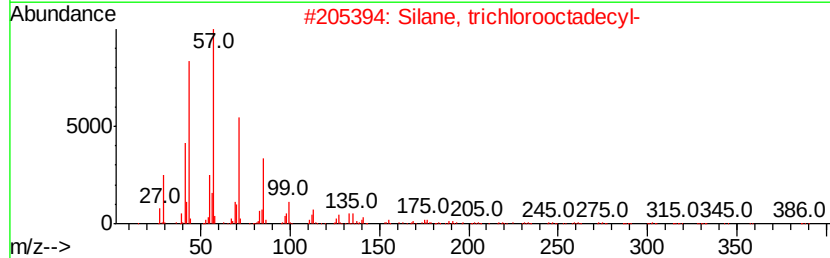
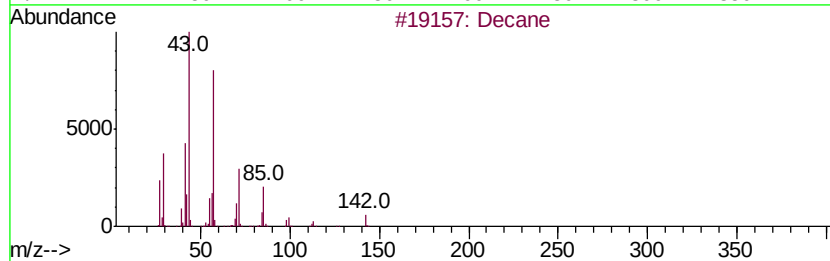
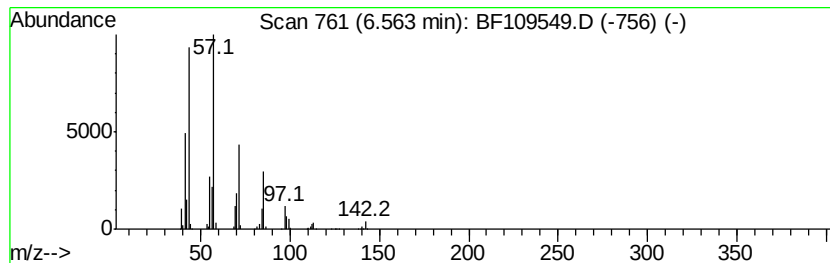
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.56	67.52 ng	2539620	1,4-Dichlorobenzene-d4	6.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	90
2	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	83
3	Nonane		128	C9H20	000111-84-2	80
4	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	72
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-100218-A

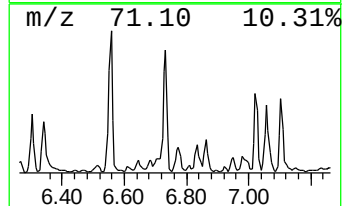
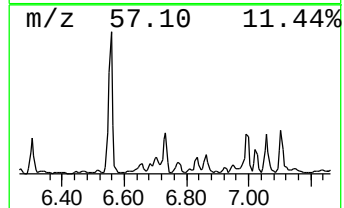
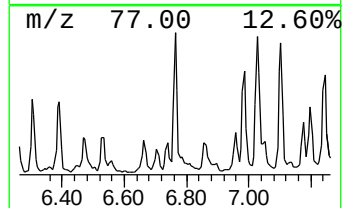
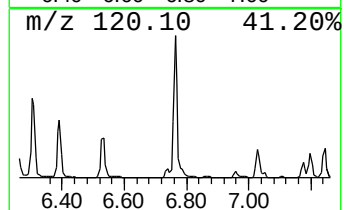
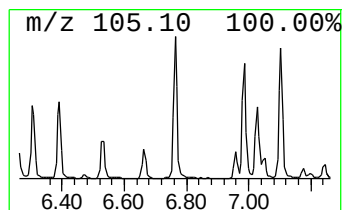
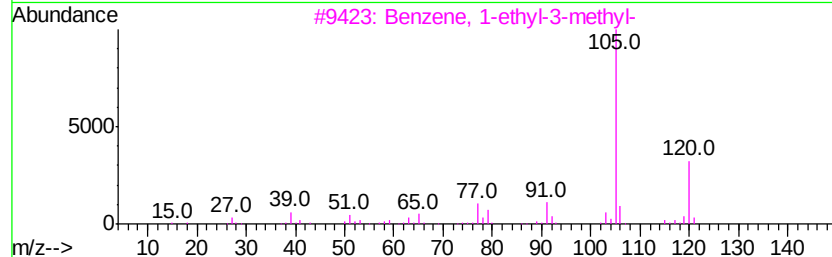
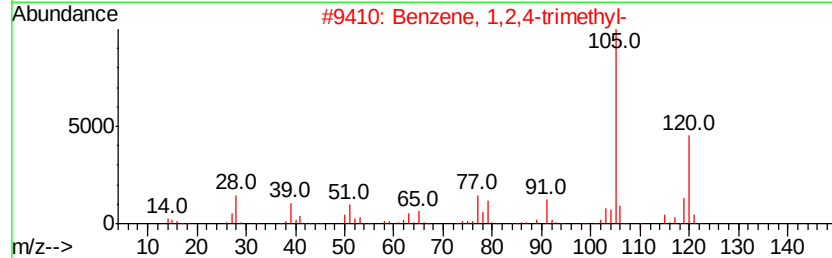
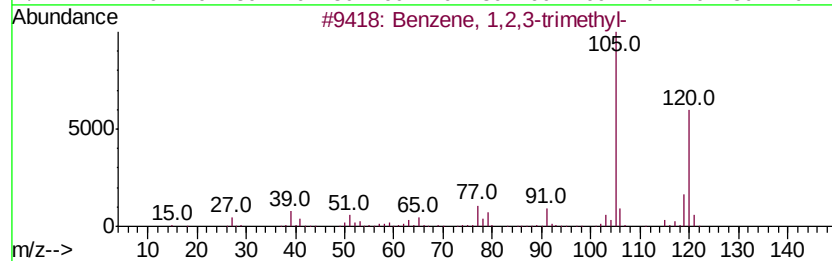
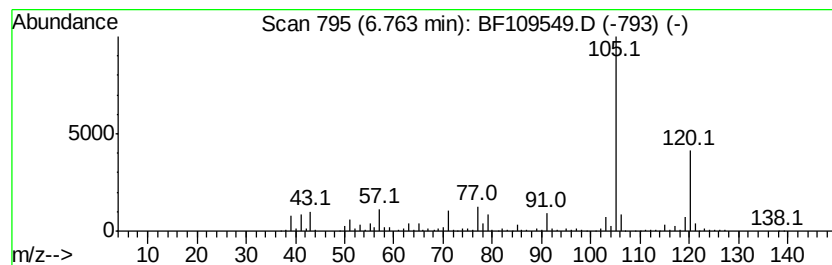
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	19.52 ng	734292	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5		Mesitylene	120	C9H12	000108-67-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Instrument :
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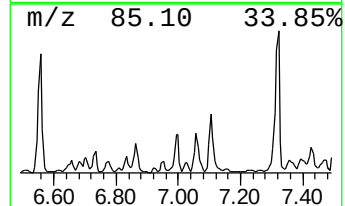
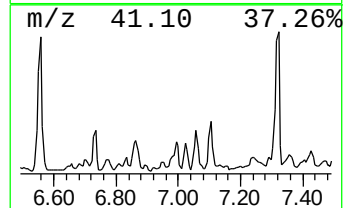
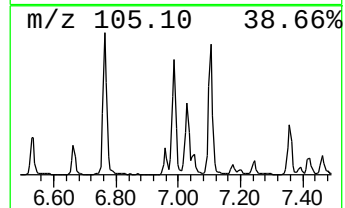
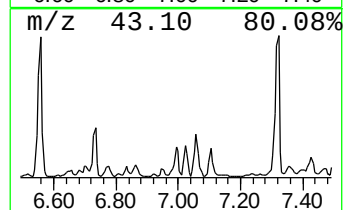
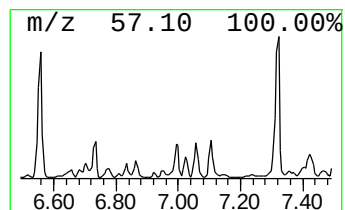
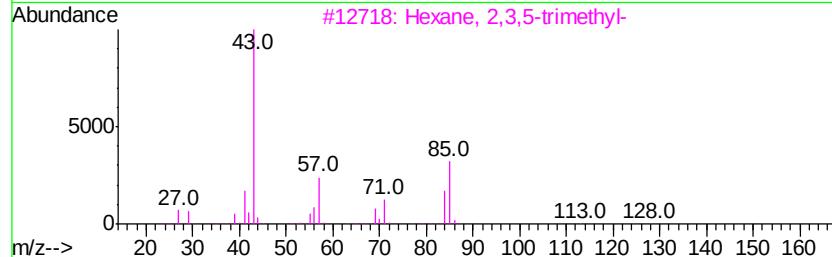
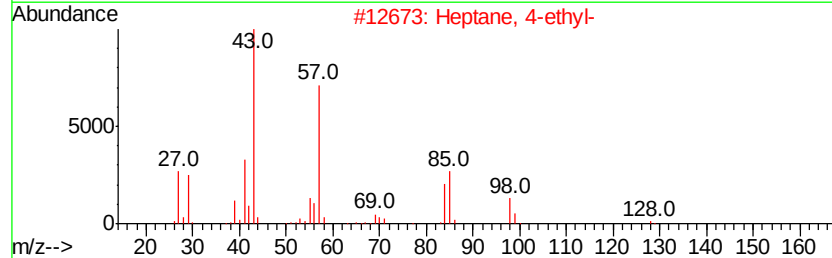
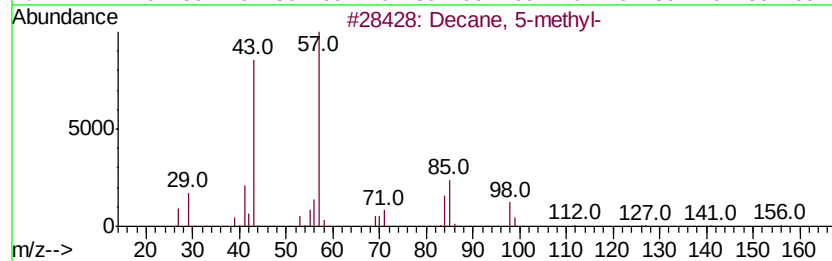
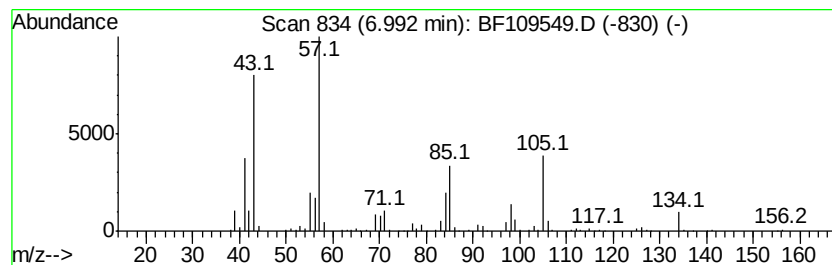
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	28.88 ng	1086260	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	70
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	52
3		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
4		Nonane, 5-methyl-	142	C10H22	015869-85-9	38
5		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
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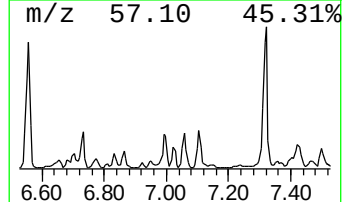
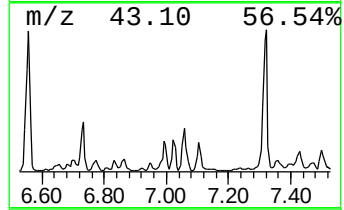
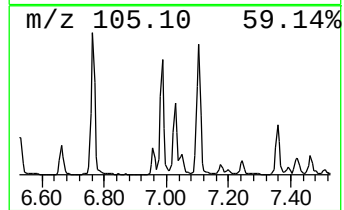
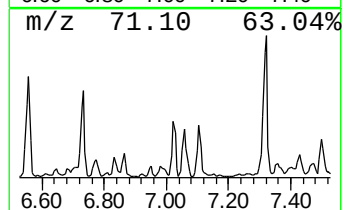
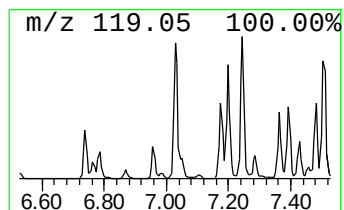
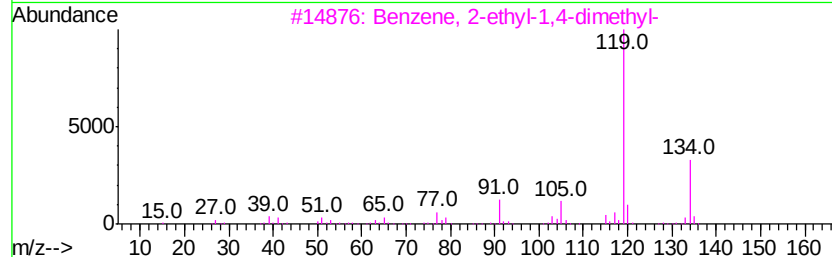
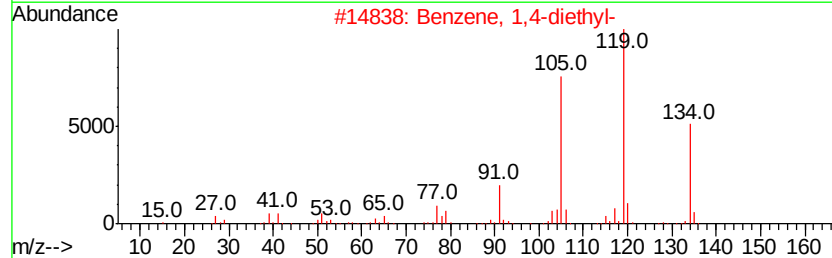
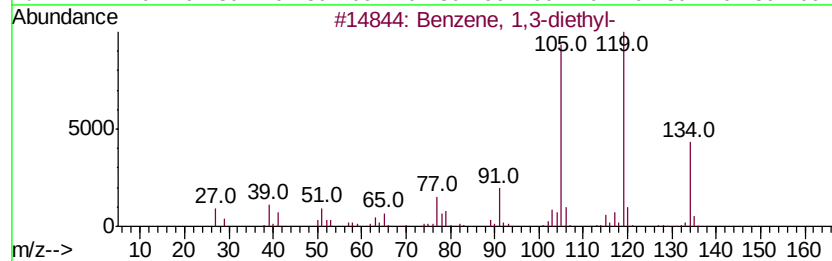
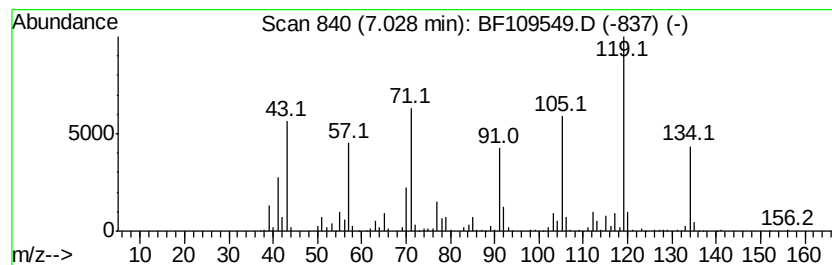
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	27.25 ng	1024840	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4		o-Cymene	134	C10H14	000527-84-4	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
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Misc :
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ClientSampleId :
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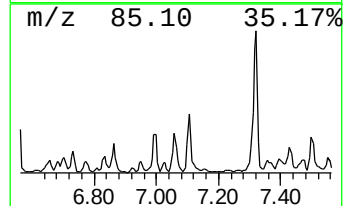
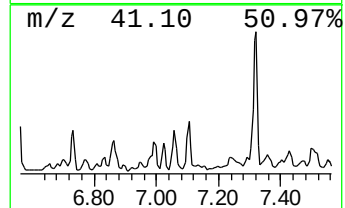
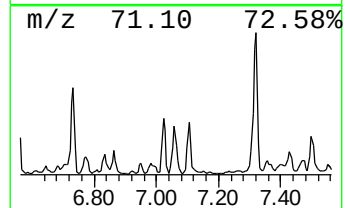
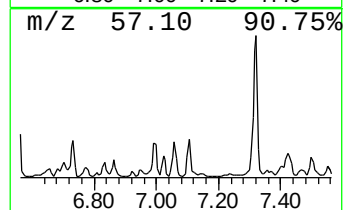
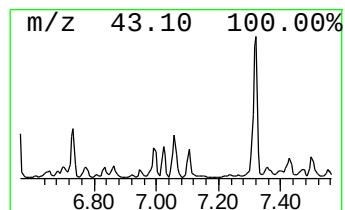
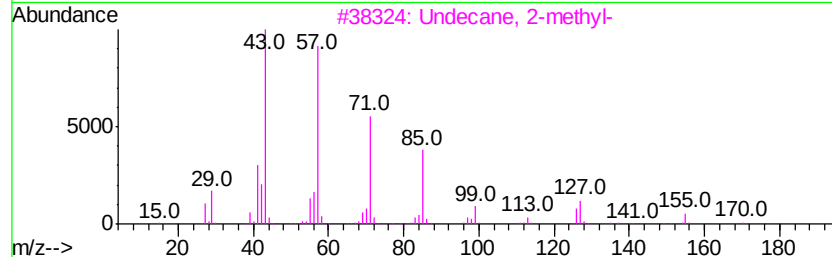
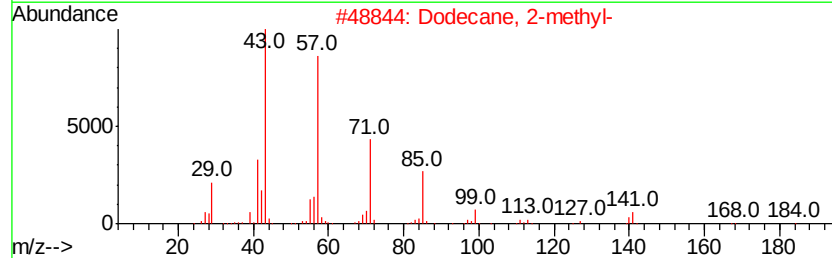
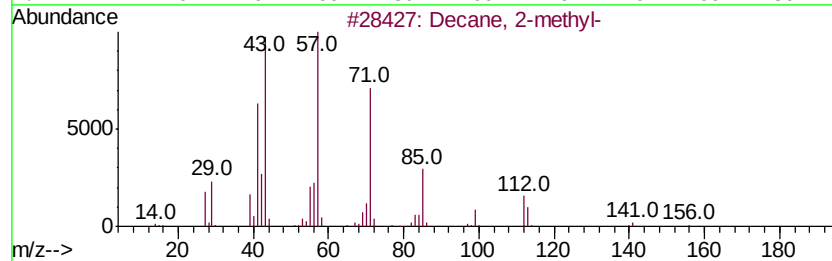
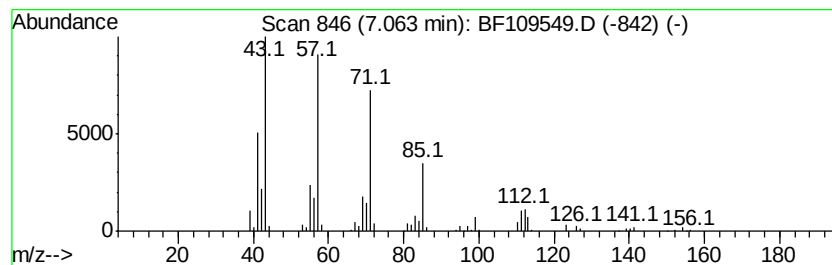
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	23.01 ng	865582	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
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HR-06-100218-A

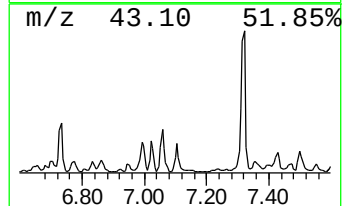
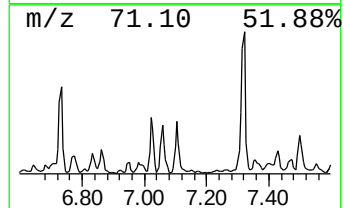
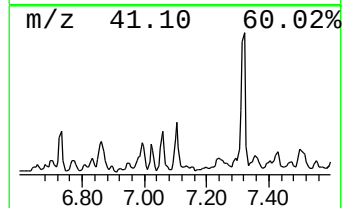
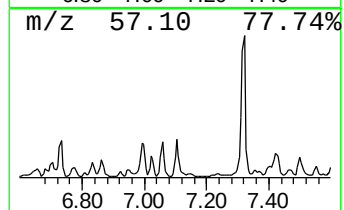
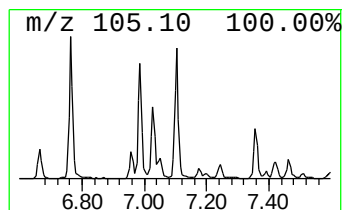
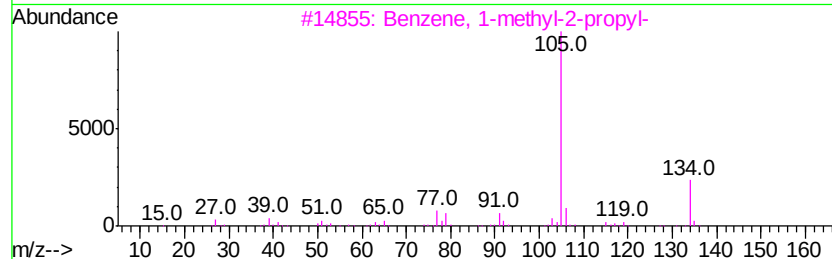
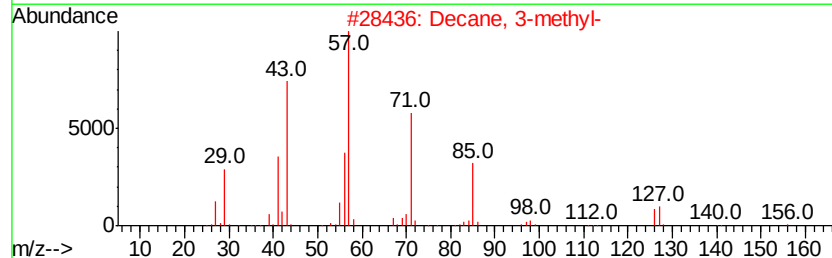
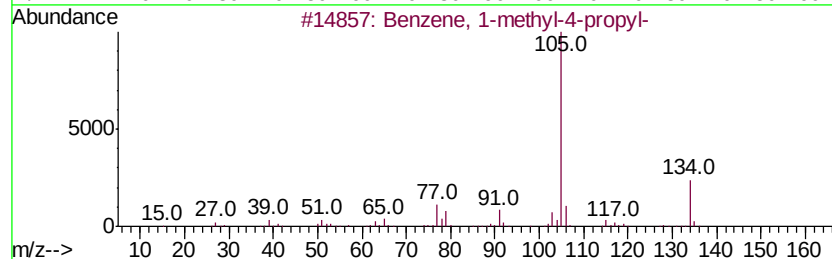
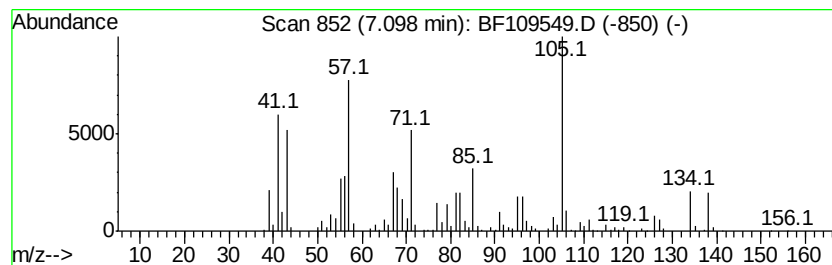
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	35.38 ng	1330880	1,4-Dichlorobenzene-d4	6.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2		Decane, 3-methyl-	156	C11H24	013151-34-3	55
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
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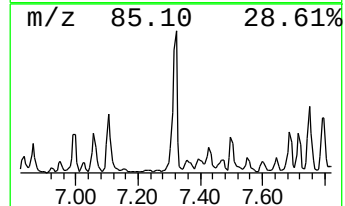
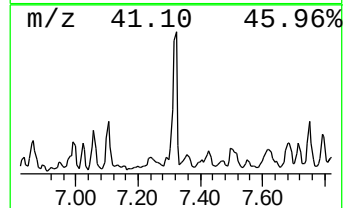
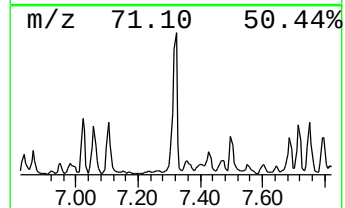
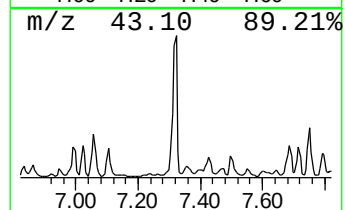
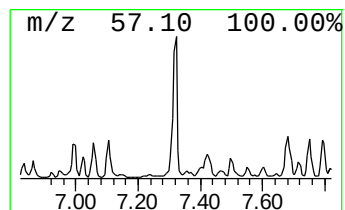
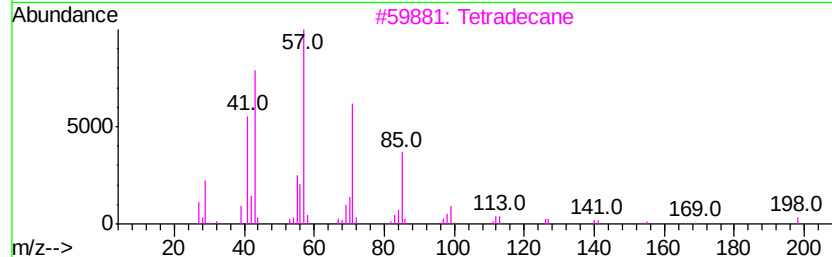
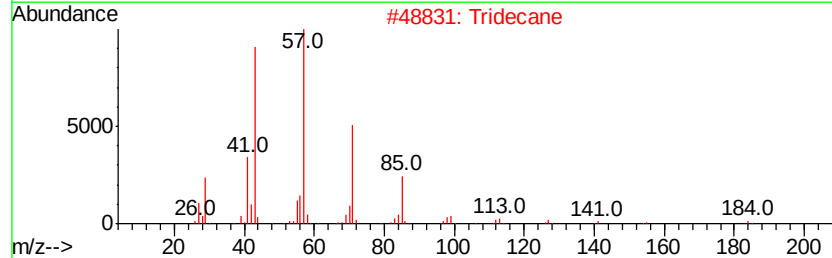
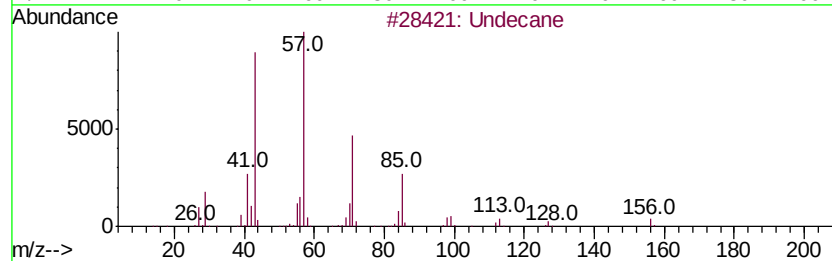
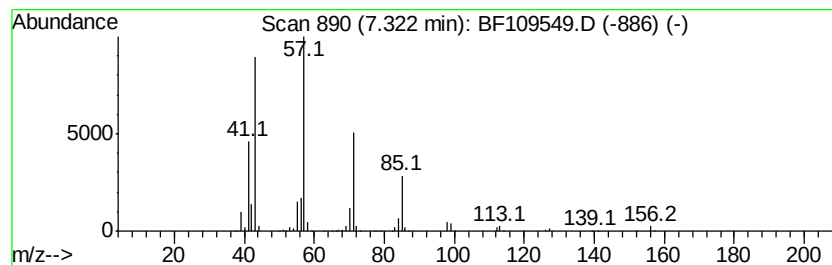
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	71.82 ng	2701480	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
5		Decane	142	C10H22	000124-18-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
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ClientSampleId :
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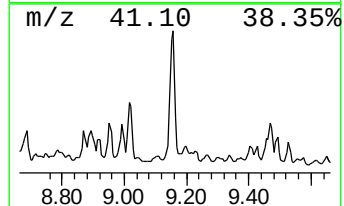
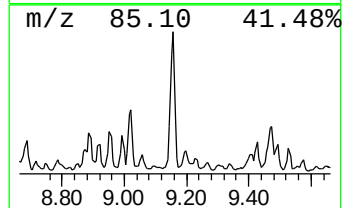
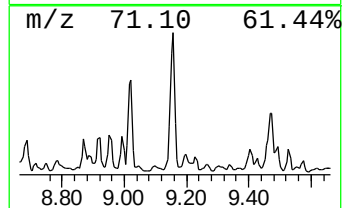
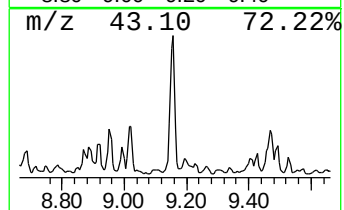
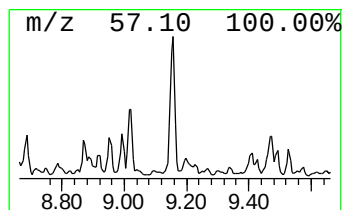
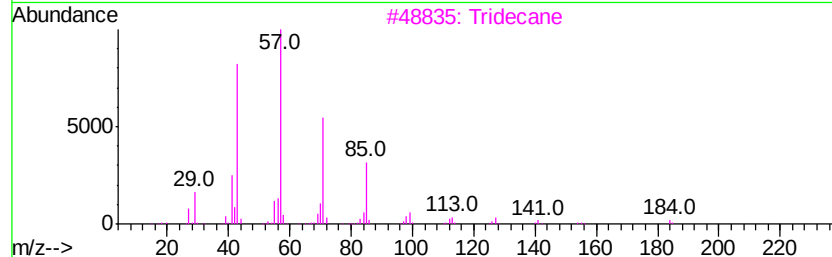
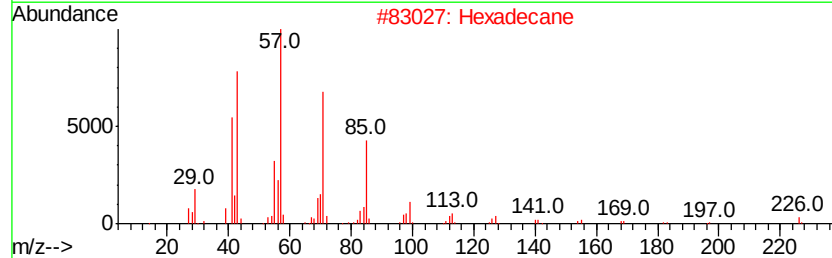
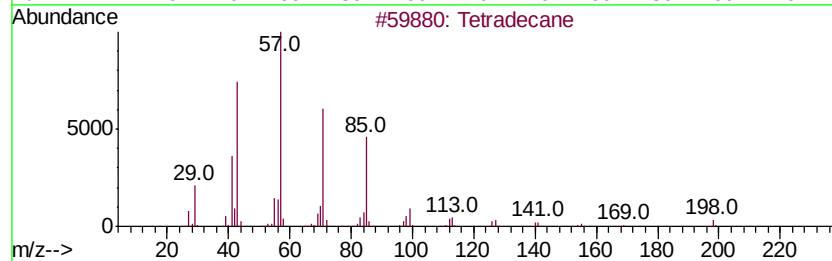
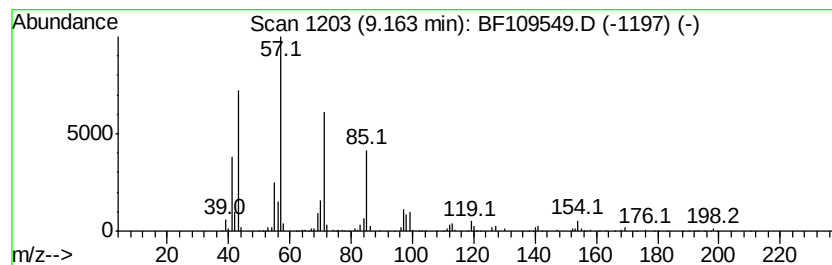
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	53.73 ng	2321460	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-100218-A

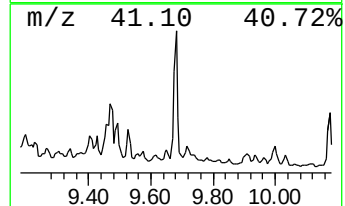
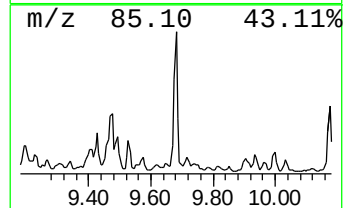
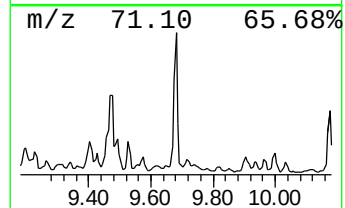
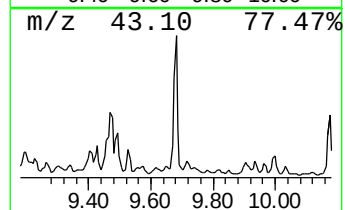
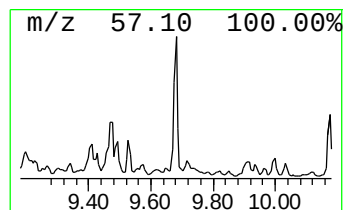
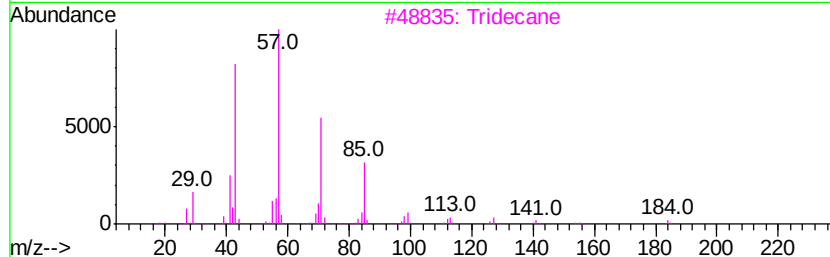
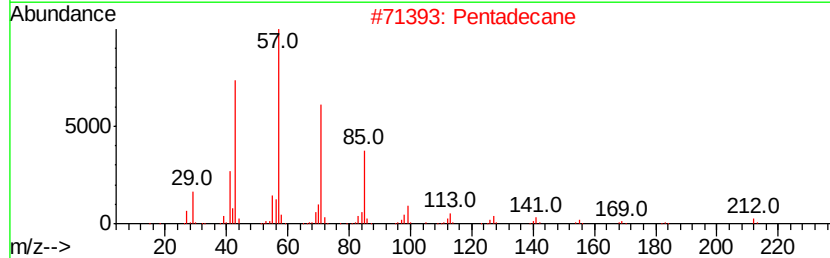
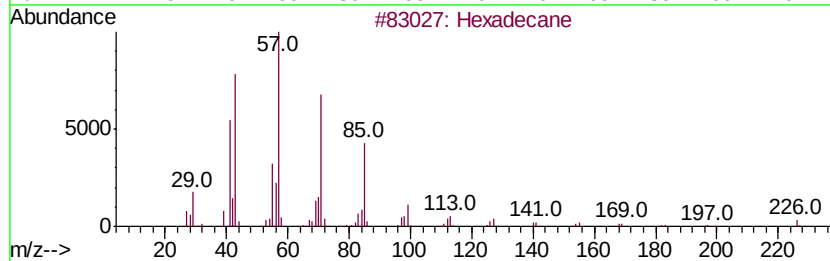
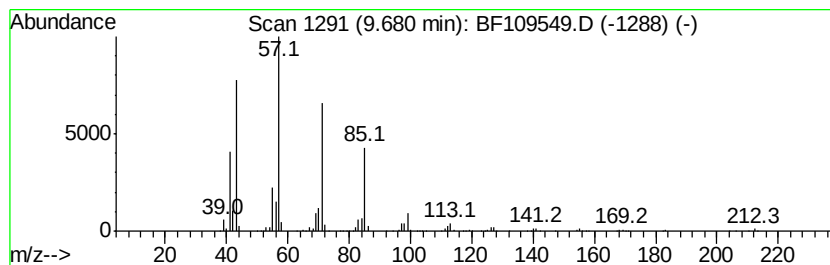
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	30.49 ng	1317540	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
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HR-06-100218-A

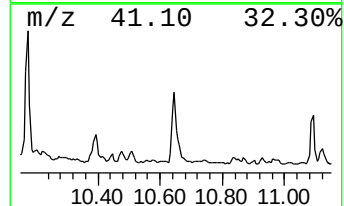
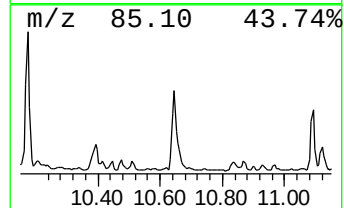
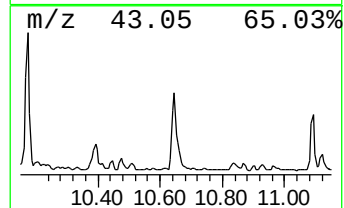
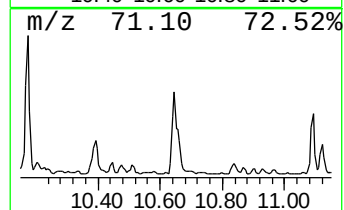
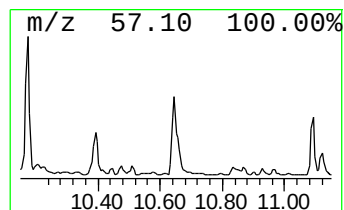
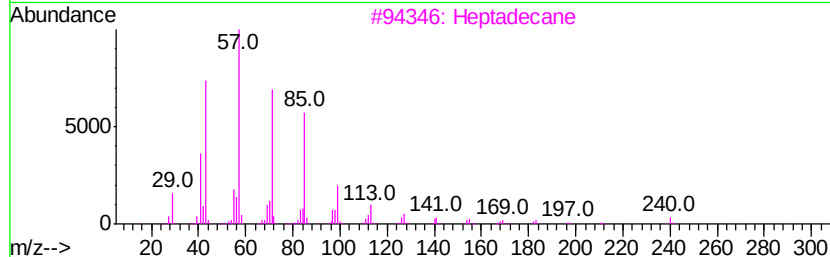
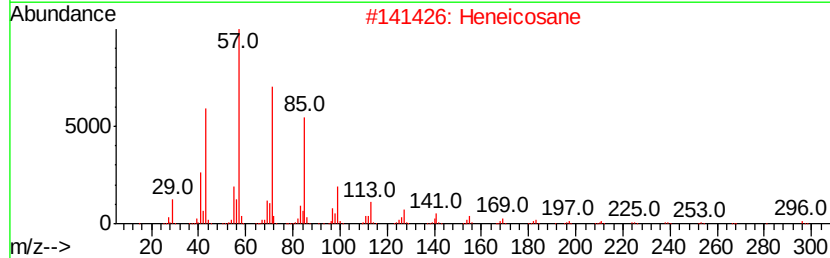
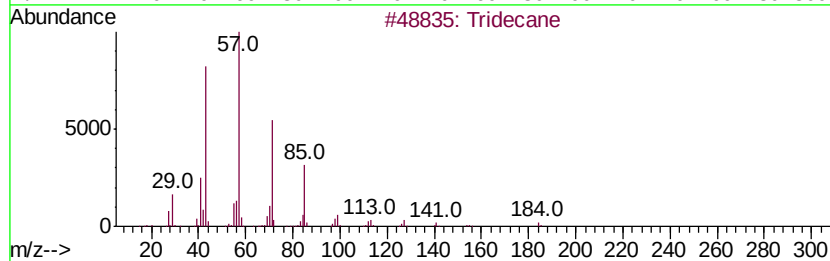
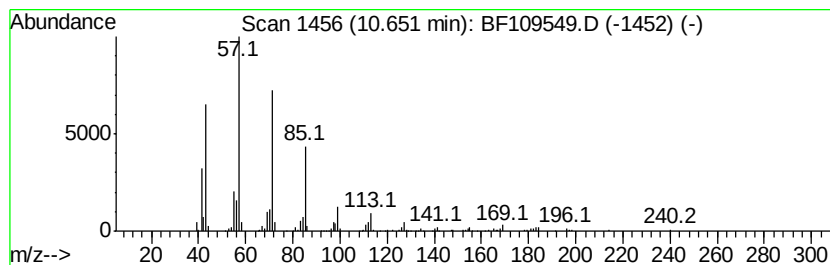
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	18.47 ng	537192	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
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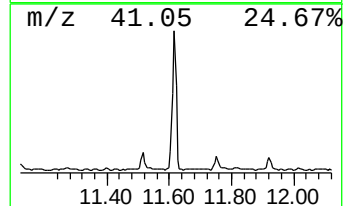
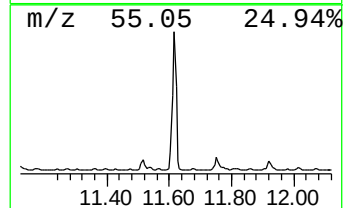
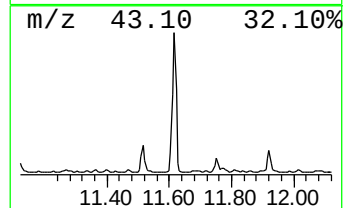
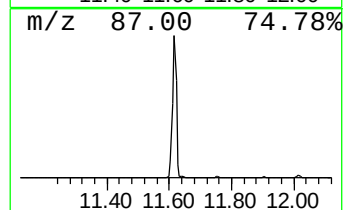
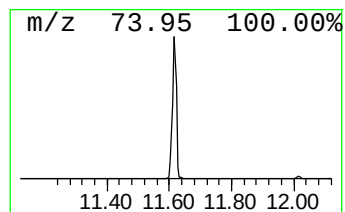
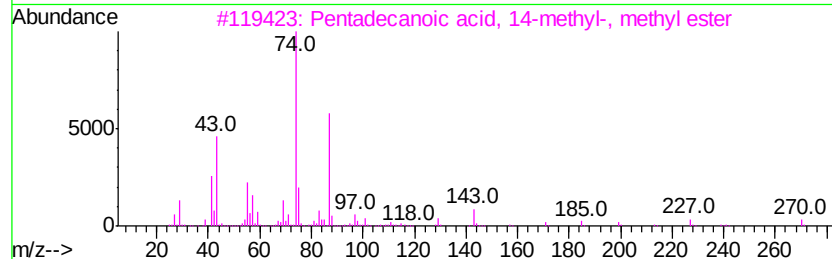
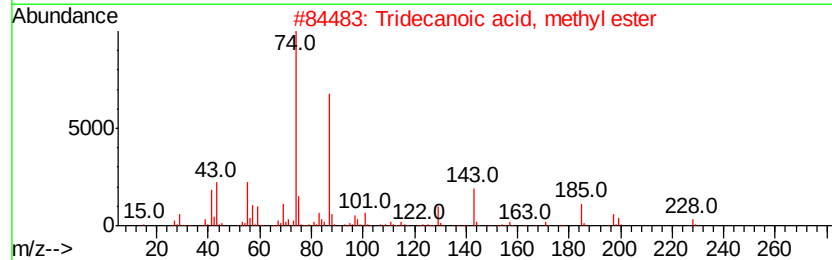
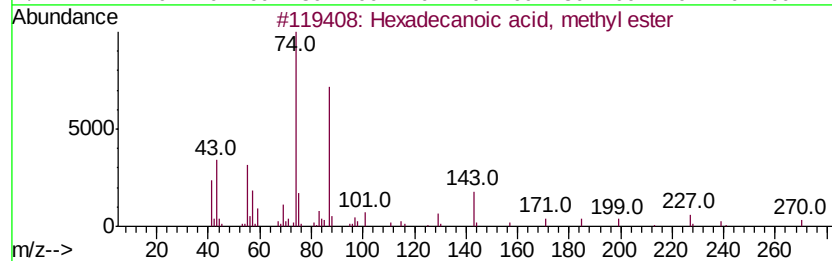
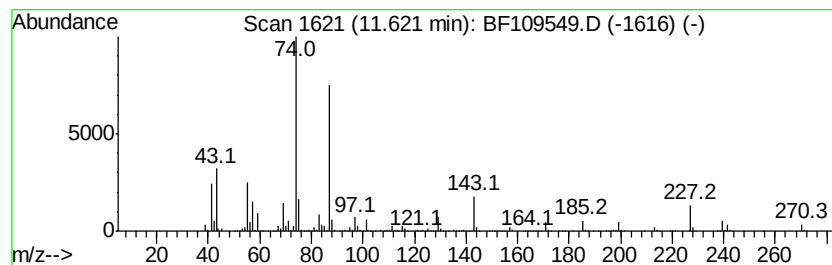
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	92.35 ng	2685960	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
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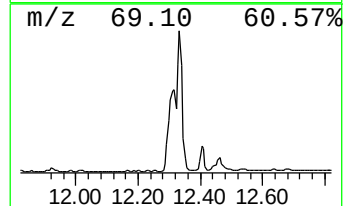
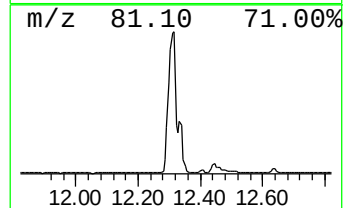
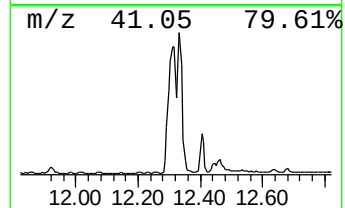
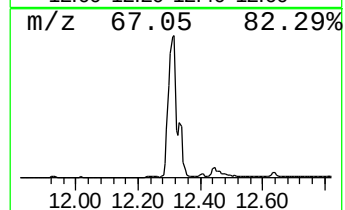
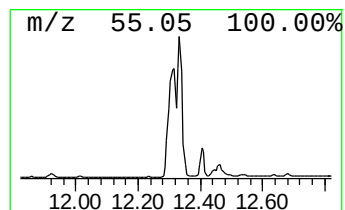
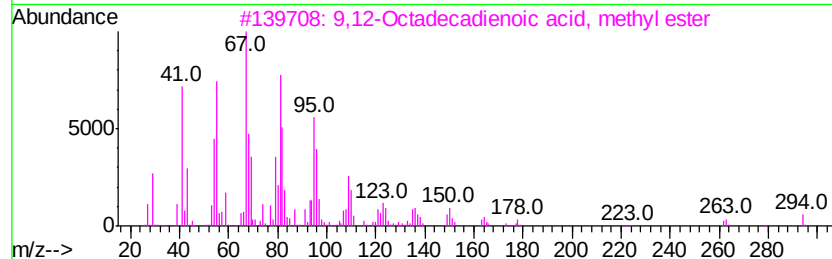
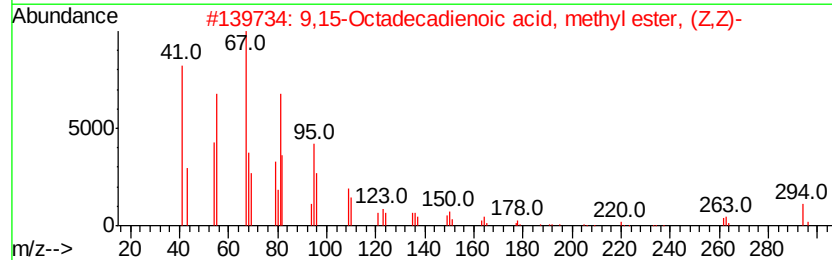
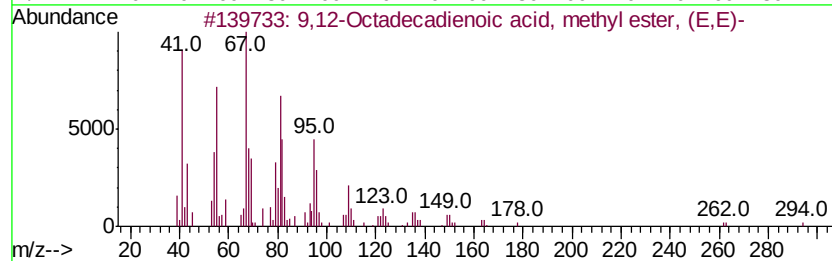
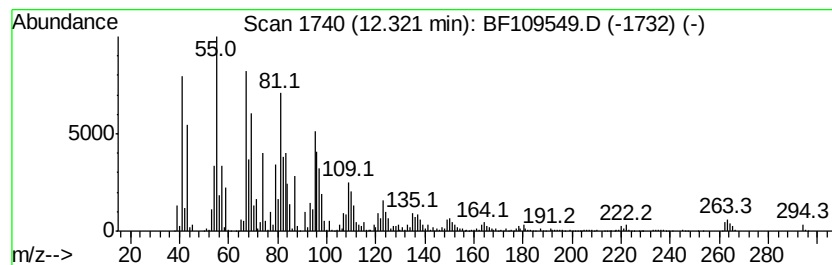
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	336.07 ng	9774880	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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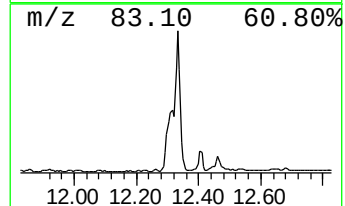
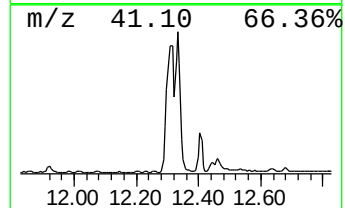
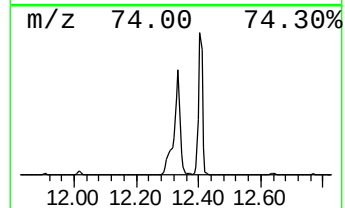
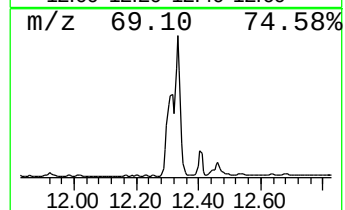
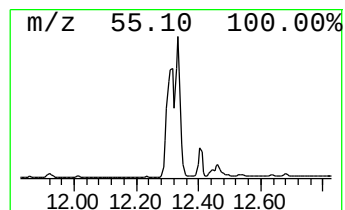
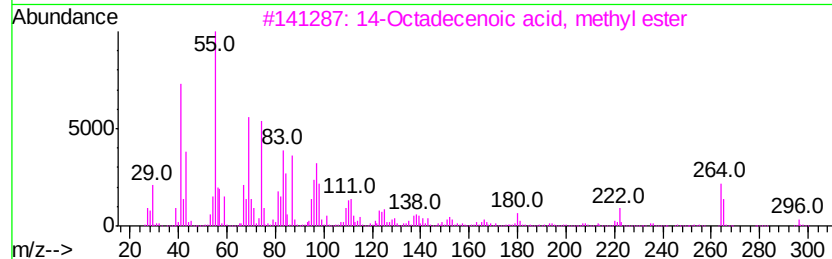
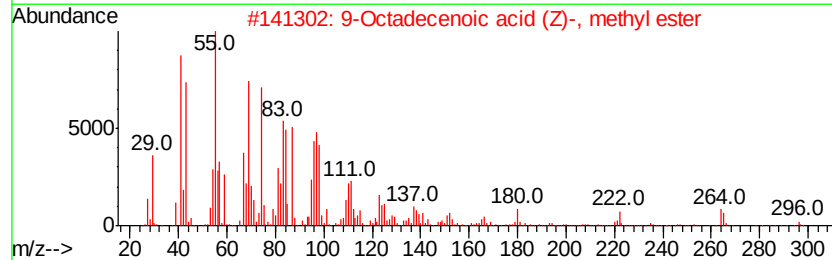
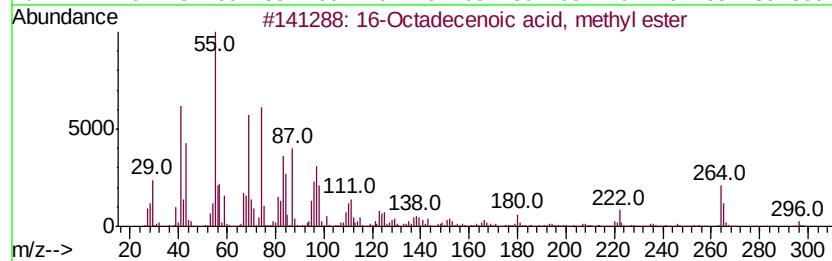
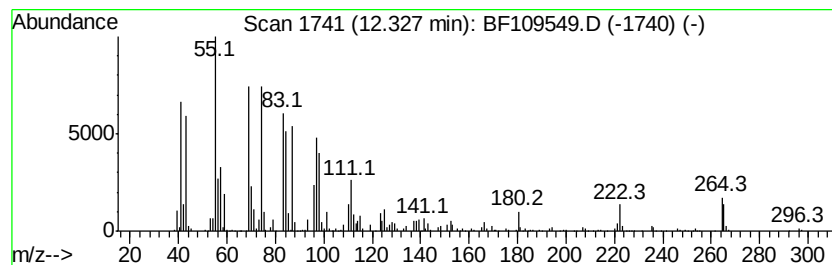
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	227.90 ng	6628590	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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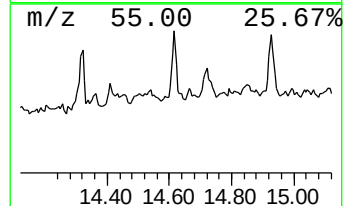
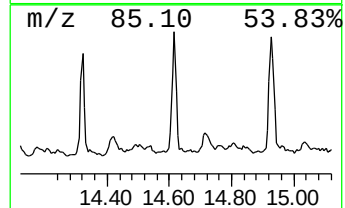
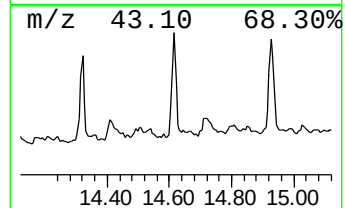
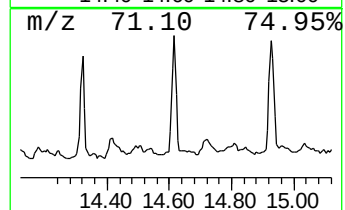
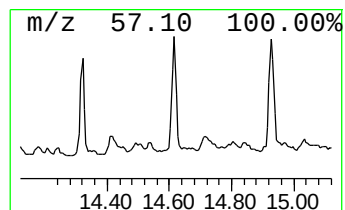
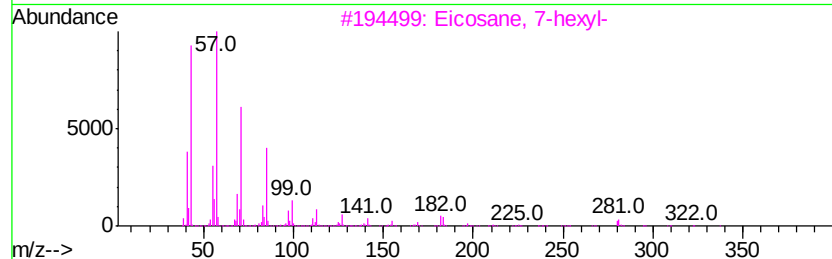
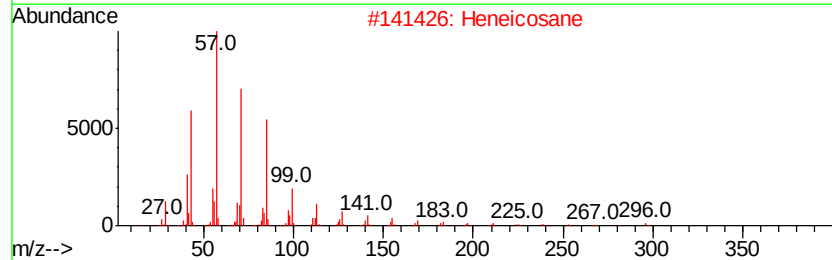
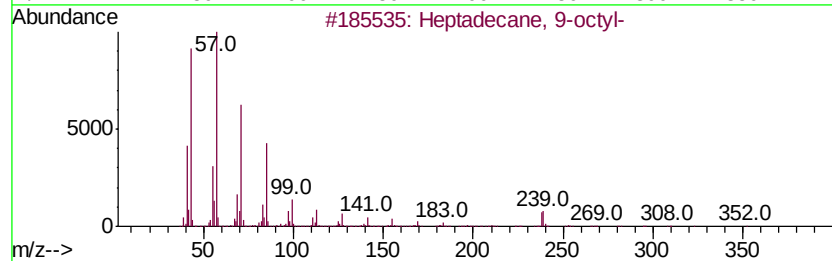
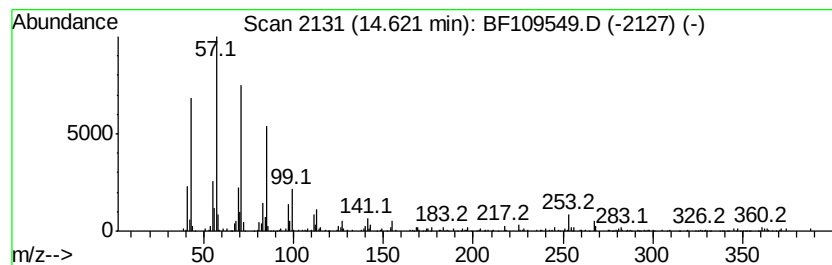
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	17.01 ng	333272	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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Sample : J5194-01 2X
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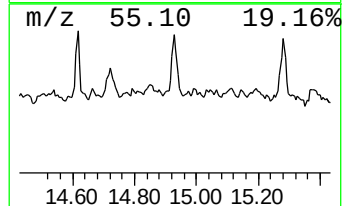
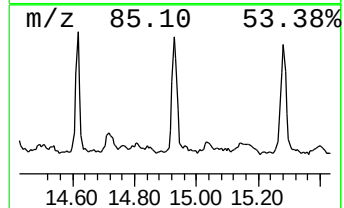
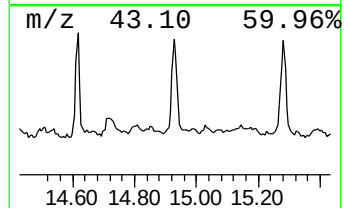
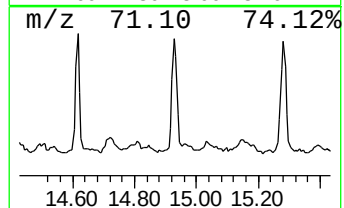
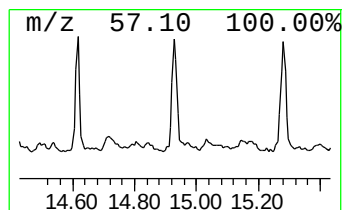
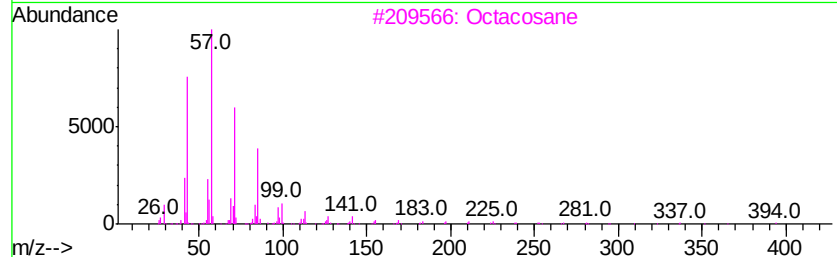
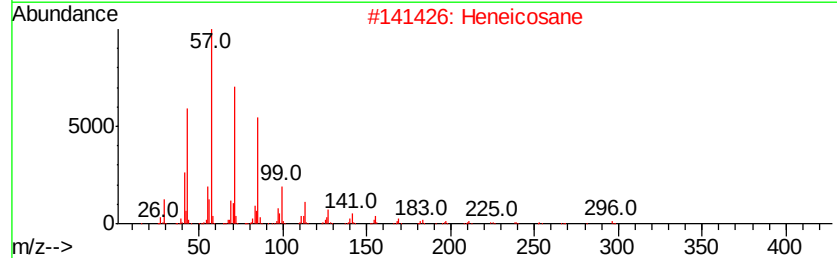
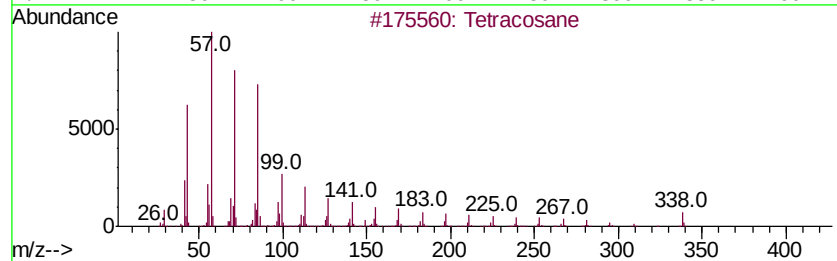
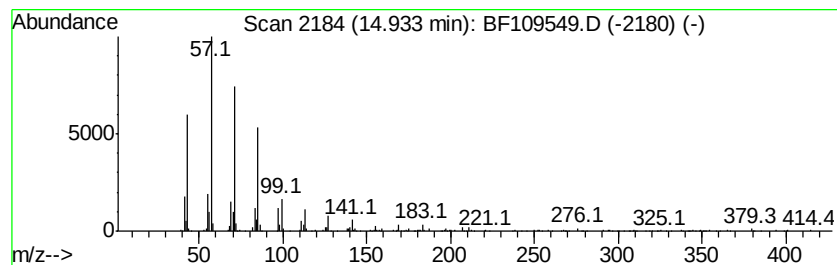
Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

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 18 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.93	17.64 ng	345687	Perylene-d12		15.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	83
3		Octacosane	394	C28H58	000630-02-4	81
4		Tetratetracontane	619	C44H90	007098-22-8	81
5		Hexatriacontane	507	C36H74	000630-06-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

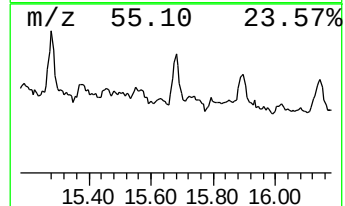
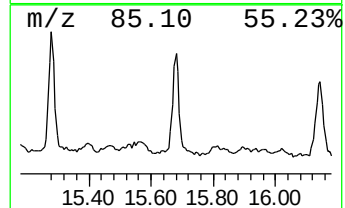
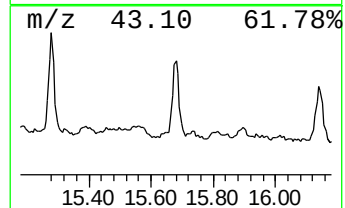
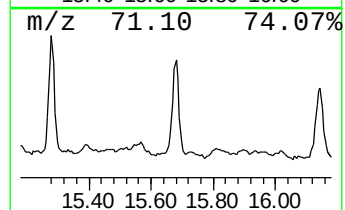
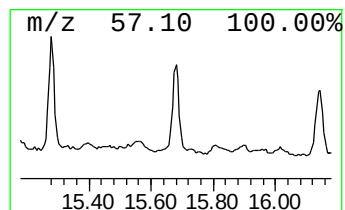
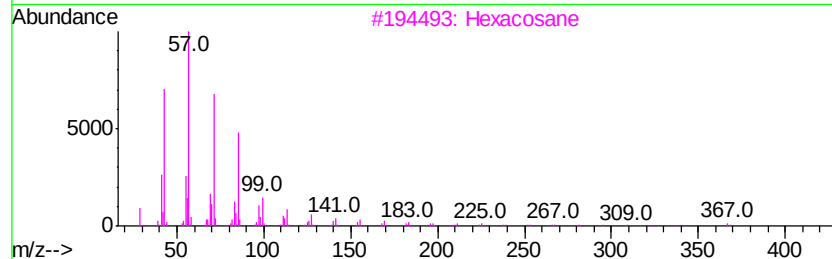
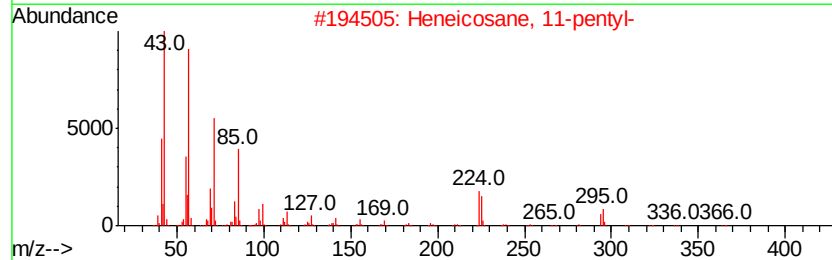
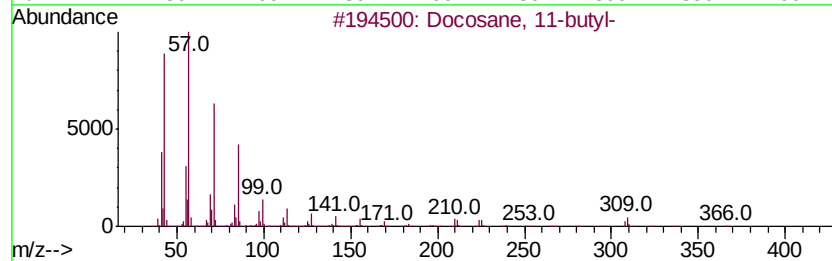
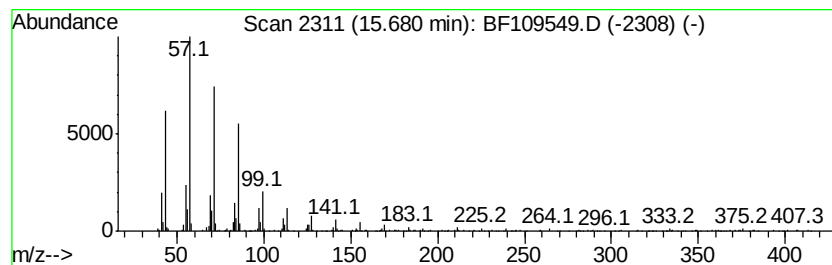
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane, 11-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	15.74 ng	308431	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

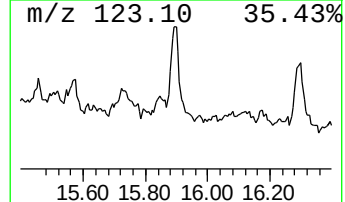
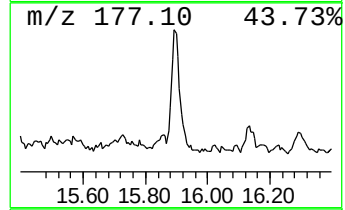
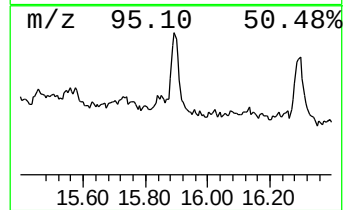
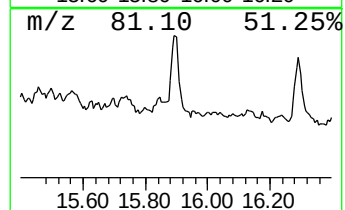
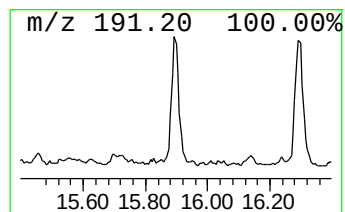
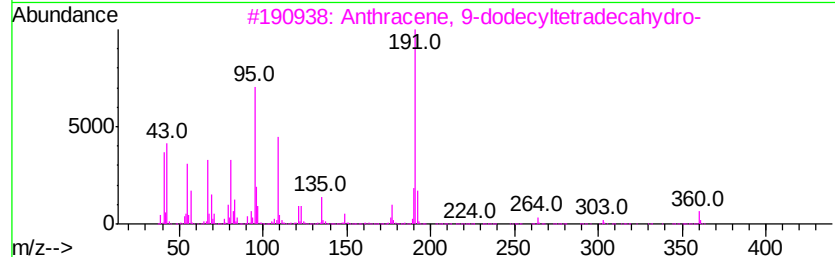
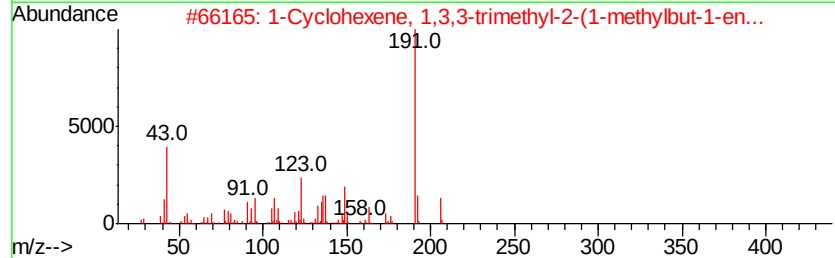
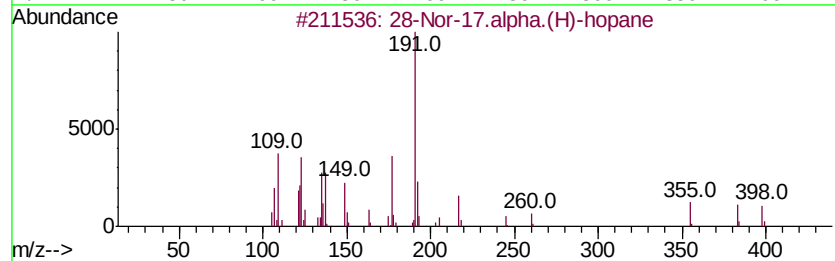
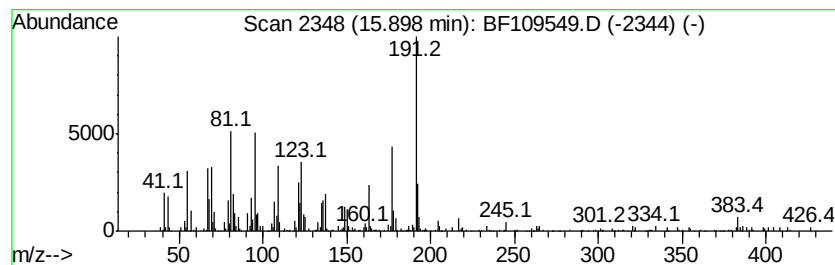
Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

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 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	16.79 ng	328997	Perylene-d12	15.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	59
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	43
3	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	40
4	Anthracene, 9-cyclohexyltetradec...	274 C20H34	055255-70-4	40
5	5-(p-Aminophenyl)-2-thiazolamine	191 C9H9N3S	090349-87-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109549.D
 Acq On : 3 Oct 2018 16:33
 Operator : JU/SJ
 Sample : J5194-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100218-A

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
Nonane, 3-methyl-	5.96	16.7	ng	628499	1	6.70	752277	20.0
unknown6.47	6.47	25.7	ng	967265	1	6.70	752277	20.0
Decane	6.56	67.5	ng	2539620	1	6.70	752277	20.0
Benzene, 1,2,3-tr...	6.76	19.5	ng	734292	1	6.70	752277	20.0
Decane, 5-methyl-	6.99	28.9	ng	1086260	1	6.70	752277	20.0
Benzene, 1,3-diet...	7.03	27.3	ng	1024840	1	6.70	752277	20.0
Decane, 2-methyl-	7.06	23.0	ng	865582	1	6.70	752277	20.0
Benzene, 1-methyl...	7.10	35.4	ng	1330880	1	6.70	752277	20.0
Undecane	7.32	71.8	ng	2701480	1	6.70	752277	20.0
Tetradecane	9.16	53.7	ng	2321460	3	9.73	864194	20.0
Hexadecane	9.68	30.5	ng	1317540	3	9.73	864194	20.0
Tridecane	10.65	18.5	ng	537192	4	11.21	581722	20.0
Hexadecanoic acid...	11.62	92.3	ng	2685960	4	11.21	581722	20.0
9,12-Octadecadien...	12.32	336.1	ng	9774880	4	11.21	581722	20.0
16-Octadecenoic a...	12.33	227.9	ng	6628590	4	11.21	581722	20.0
Heptadecane, 9-oc...	14.62	17.0	ng	333272	6	15.24	391860	20.0
Tetracosane	14.93	17.6	ng	345687	6	15.24	391860	20.0
Docosane, 11-butyl-	15.68	15.7	ng	308431	6	15.24	391860	20.0
28-Nor-17.alpha.(...	15.90	16.8	ng	328997	6	15.24	391860	20.0