

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102996.D
 Acq On : 14 Feb 2018 18:19
 Operator : SJ/JU
 Sample : J1539-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1-NW(0-4)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	23	rVB	732217	982519	22.01%	1.043%
2	5.098	508	512	519	rVB	136663	172275	3.86%	0.183%
3	5.493	575	579	583	rVB	3144944	3228037	72.33%	3.426%
4	6.116	681	685	689	rBV2	119200	171765	3.85%	0.182%
5	6.151	689	691	693	rVV	157597	141987	3.18%	0.151%
6	6.310	713	718	721	rBV4	80834	125808	2.82%	0.134%
7	6.404	731	734	737	rBV3	204149	266594	5.97%	0.283%
8	6.457	741	743	747	rBV3	71316	114020	2.55%	0.121%
9	6.504	747	751	756	rVB	3068814	3230884	72.39%	3.429%
10	6.645	771	775	778	rVV	3563243	3415807	76.54%	3.625%
11	6.704	782	785	788	rBV2	709680	597972	13.40%	0.635%
12	6.875	811	814	818	rVB2	1188199	1054774	23.63%	1.119%
13	6.987	831	833	836	rVB	196257	166025	3.72%	0.176%
14	7.034	836	841	844	rBV	2791093	2577703	57.76%	2.735%
15	7.145	857	860	863	rVV	329680	284569	6.38%	0.302%
16	7.192	866	868	869	rVV	131636	115898	2.60%	0.123%
17	7.204	869	870	875	rVB3	177575	163034	3.65%	0.173%
18	7.269	875	881	884	rBV3	244852	401760	9.00%	0.426%
19	7.410	899	905	906	rBV3	284160	388432	8.70%	0.412%
20	7.439	906	910	912	rVV	2243002	2083136	46.68%	2.211%
21	7.463	912	914	918	rVB	1205690	1043582	23.38%	1.107%
22	7.516	918	923	926	rBV4	302166	423966	9.50%	0.450%
23	7.575	926	933	937	rBV6	148251	287839	6.45%	0.305%
24	7.645	943	945	947	rBV2	201198	168512	3.78%	0.179%
25	7.681	947	951	953	rVB2	224983	265538	5.95%	0.282%
26	7.751	959	963	965	rBV4	120449	142639	3.20%	0.151%
27	7.775	965	967	969	rVV	274729	229249	5.14%	0.243%
28	7.798	969	971	974	rVV2	354624	334132	7.49%	0.355%
29	7.828	974	976	980	rVB2	257421	300285	6.73%	0.319%
30	7.869	980	983	985	rBV3	256875	246493	5.52%	0.262%
31	7.898	985	988	991	rBV2	460755	455001	10.19%	0.483%
32	7.945	993	996	998	rBV2	210261	136644	3.06%	0.145%
33	7.975	998	1001	1004	rVB3	134328	141021	3.16%	0.150%
34	8.028	1007	1010	1013	rBV2	235961	259715	5.82%	0.276%

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35	8.134	1025	1028	1030	rVV	1742496	1421083	31.84%	1.508%
36	8.157	1030	1032	1035	rVV	1249033	1204455	26.99%	1.278%
37	8.181	1035	1036	1038	rVV	472361	255958	5.74%	0.272%
38	8.210	1038	1041	1044	rVB	1206177	1089178	24.40%	1.156%
39	8.245	1044	1047	1054	rBV5	290773	467013	10.46%	0.496%
40	8.310	1054	1058	1059	rBV3	172006	203448	4.56%	0.216%
41	8.363	1063	1067	1069	rBV	255966	234728	5.26%	0.249%
42	8.445	1073	1081	1086	rBV6	817297	1345085	30.14%	1.427%
43	8.498	1086	1090	1093	rBV4	330429	422016	9.46%	0.448%
44	8.528	1093	1095	1100	rVB3	518375	568925	12.75%	0.604%
45	8.575	1100	1103	1105	rBV	1598122	1360923	30.49%	1.444%
46	8.598	1105	1107	1109	rVV2	266890	191846	4.30%	0.204%
47	8.663	1115	1118	1120	rBV2	395288	315224	7.06%	0.335%
48	8.698	1120	1124	1126	rBV4	358694	392127	8.79%	0.416%
49	8.745	1129	1132	1136	rBV	2716883	2254799	50.52%	2.393%
50	8.786	1136	1139	1140	rBV3	246409	271499	6.08%	0.288%
51	8.839	1145	1148	1151	rVB2	765438	837787	18.77%	0.889%
52	8.869	1151	1153	1157	rBV2	452691	463664	10.39%	0.492%
53	8.904	1157	1159	1161	rVB2	327414	245647	5.50%	0.261%
54	8.933	1161	1164	1166	rBV3	385032	451501	10.12%	0.479%
55	9.004	1174	1176	1177	rVB2	213195	147018	3.29%	0.156%
56	9.028	1177	1180	1181	rBV	654018	588601	13.19%	0.625%
57	9.063	1184	1186	1190	rVB3	625767	846463	18.97%	0.898%
58	9.104	1190	1193	1197	rBV	761232	786838	17.63%	0.835%
59	9.151	1198	1201	1202	rBV	669710	545778	12.23%	0.579%
60	9.175	1202	1205	1211	rVB	2194133	1817247	40.72%	1.928%
61	9.233	1211	1215	1219	rBV	2976446	2658325	59.56%	2.821%
62	9.269	1219	1221	1224	rBV3	152565	133430	2.99%	0.142%
63	9.310	1224	1228	1233	rBV	3553944	3939989	88.28%	4.181%
64	9.351	1233	1235	1237	rVV	312551	212458	4.76%	0.225%
65	9.428	1246	1248	1250	rBV2	373645	295759	6.63%	0.314%
66	9.498	1257	1260	1263	rBV2	619593	724438	16.23%	0.769%
67	9.545	1266	1268	1269	rBV2	215604	185906	4.17%	0.197%
68	9.569	1269	1272	1274	rBV3	797165	781045	17.50%	0.829%
69	9.628	1279	1282	1285	rVV3	2699841	3345377	74.96%	3.550%
70	9.686	1289	1292	1295	rBV	784126	704941	15.80%	0.748%
71	9.716	1295	1297	1298	rBV2	189451	180367	4.04%	0.191%

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72	9.733	1298	1300	1302	rVB	473113	341955	7.66%	0.363%
73	9.780	1305	1308	1310	rBV3	567229	536166	12.01%	0.569%
74	9.845	1310	1319	1323	rBV	3661040	4463056	100.00%	4.736%
75	9.880	1323	1325	1327	rVV2	496939	524964	11.76%	0.557%
76	9.916	1328	1331	1334	rVB2	912055	907085	20.32%	0.963%
77	9.945	1334	1336	1338	rBV2	427029	352678	7.90%	0.374%
78	10.016	1345	1348	1353	rBV	623151	725660	16.26%	0.770%
79	10.069	1353	1357	1360	rBV3	823050	1266115	28.37%	1.344%
80	10.098	1360	1362	1364	rBV	690380	651347	14.59%	0.691%
81	10.163	1369	1373	1377	rVV3	1501689	2014538	45.14%	2.138%
82	10.198	1377	1379	1382	rVB	651157	544202	12.19%	0.578%
83	10.233	1382	1385	1387	rBV	724681	755468	16.93%	0.802%
84	10.263	1388	1390	1391	rVV	343511	243941	5.47%	0.259%
85	10.280	1391	1393	1397	rVB2	626908	664058	14.88%	0.705%
86	10.345	1397	1404	1406	rBV	3736983	4279736	95.89%	4.542%
87	10.369	1406	1408	1411	rBV2	525330	492535	11.04%	0.523%
88	10.398	1411	1413	1417	rBV4	390117	498961	11.18%	0.529%
89	10.563	1436	1441	1447	rBV	2813651	3894104	87.25%	4.132%
90	10.616	1447	1450	1452	rBV2	569996	533674	11.96%	0.566%
91	10.680	1459	1461	1463	rVB2	955791	696048	15.60%	0.739%
92	10.710	1463	1466	1470	rBV2	975041	1094817	24.53%	1.162%
93	11.010	1514	1517	1519	rBV3	632346	738784	16.55%	0.784%
94	11.269	1557	1561	1563	rBV	2412538	2352858	52.72%	2.497%
95	11.298	1563	1566	1572	rVB	2742680	3028142	67.85%	3.213%
96	11.410	1582	1585	1587	rBV2	1089679	1252035	28.05%	1.329%
97	11.433	1587	1589	1596	rVB2	1008397	1357176	30.41%	1.440%
98	11.651	1623	1626	1629	rBV	1090492	1140371	25.55%	1.210%
99	11.698	1631	1634	1637	rVB	1807830	1687508	37.81%	1.791%
100	12.116	1702	1705	1707	rBV	1184494	1187610	26.61%	1.260%

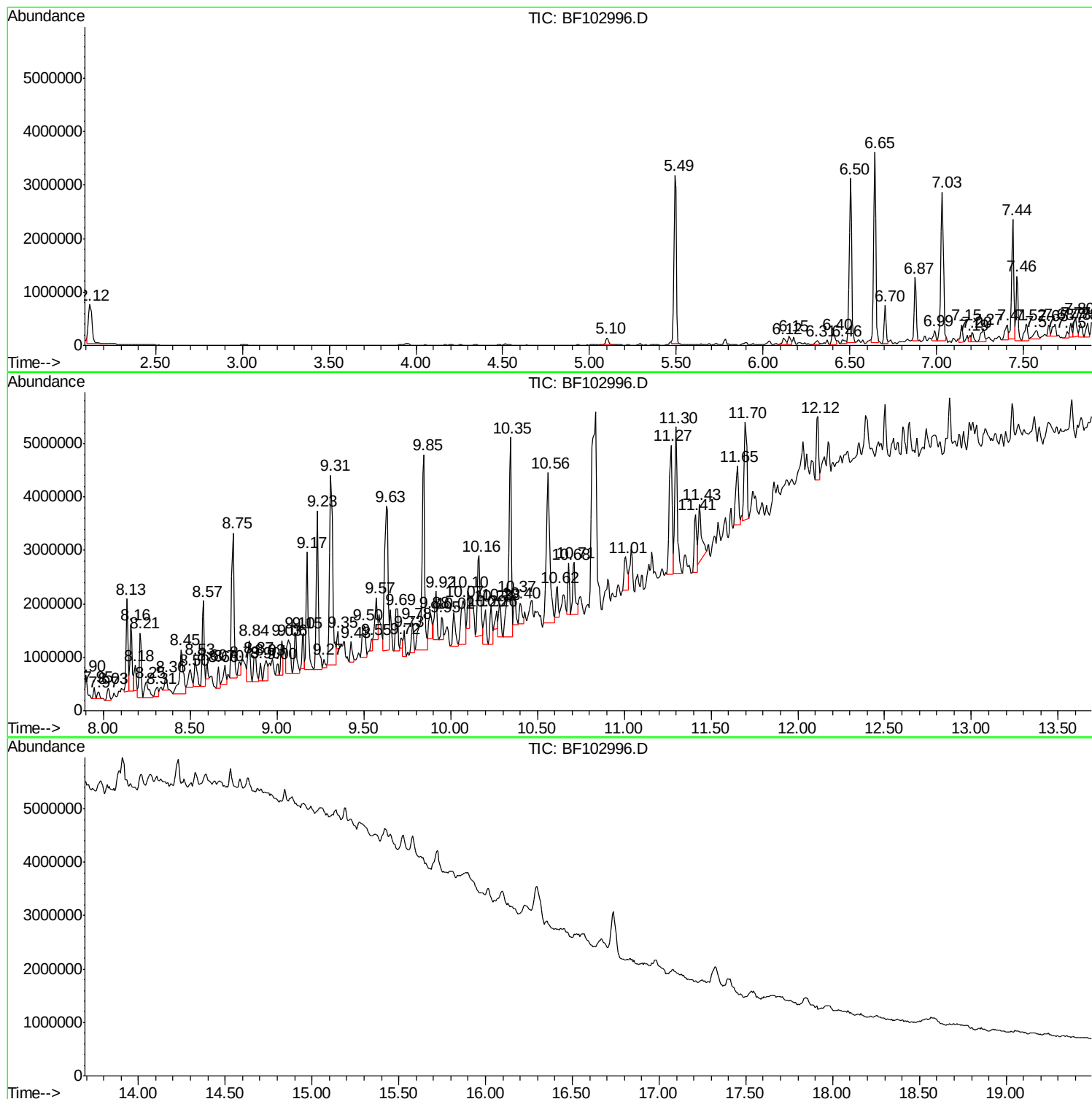
Sum of corrected areas: 94234093

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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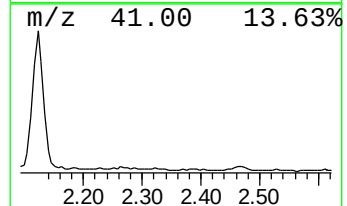
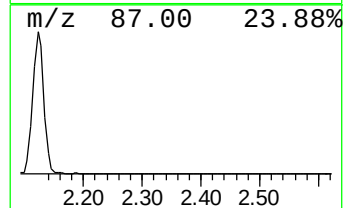
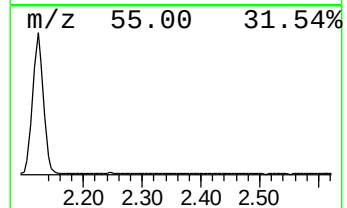
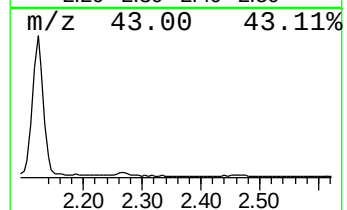
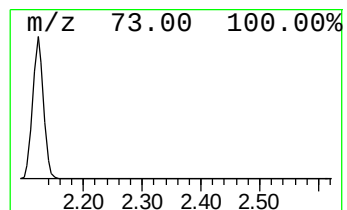
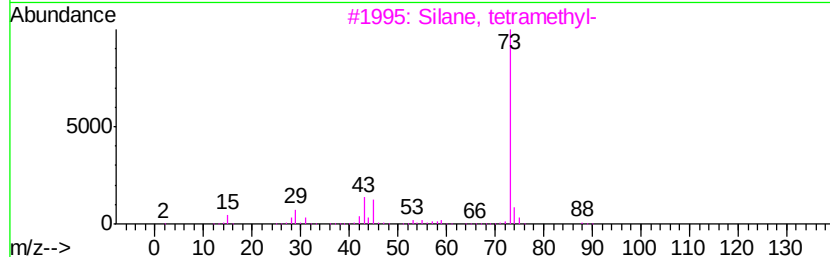
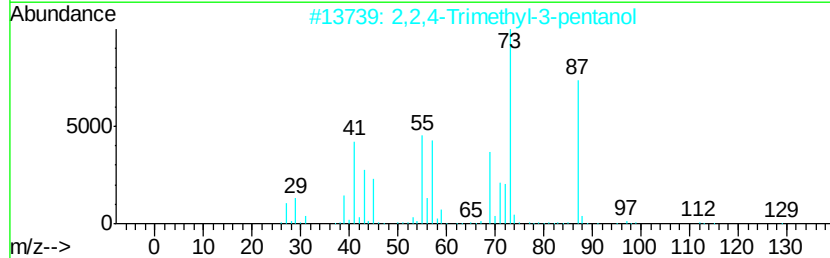
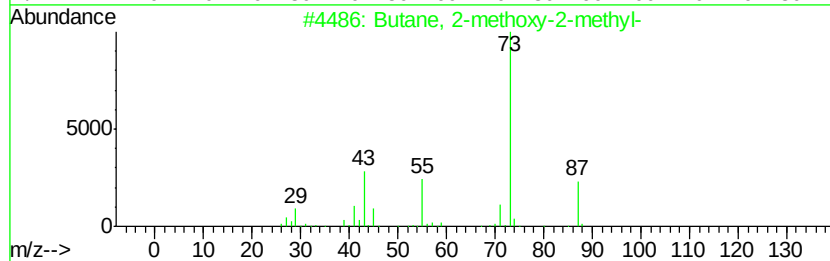
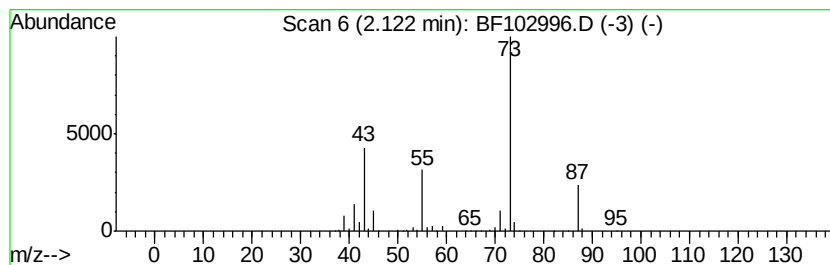
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	18.63 ng	982519	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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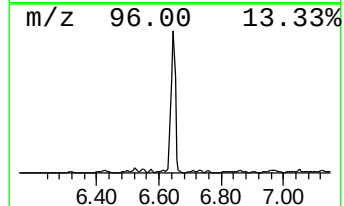
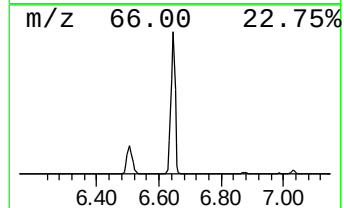
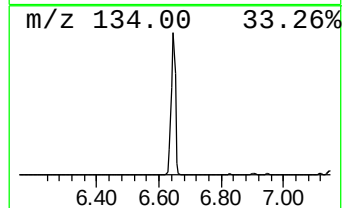
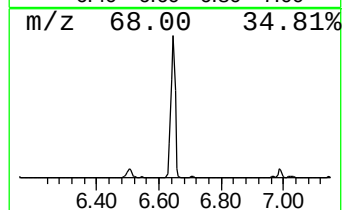
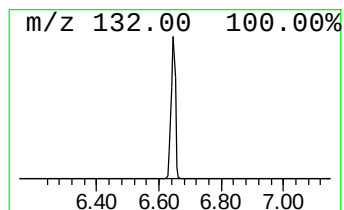
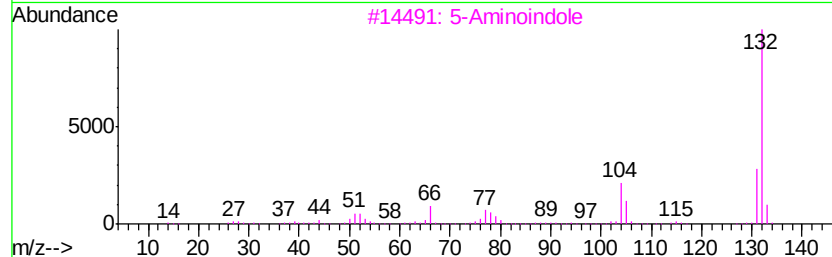
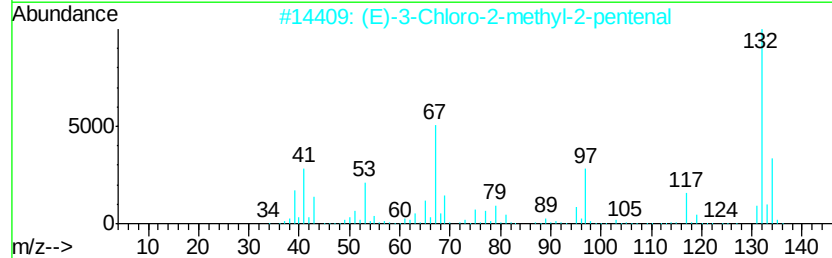
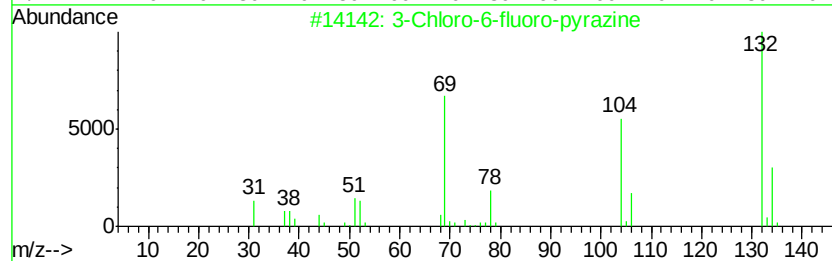
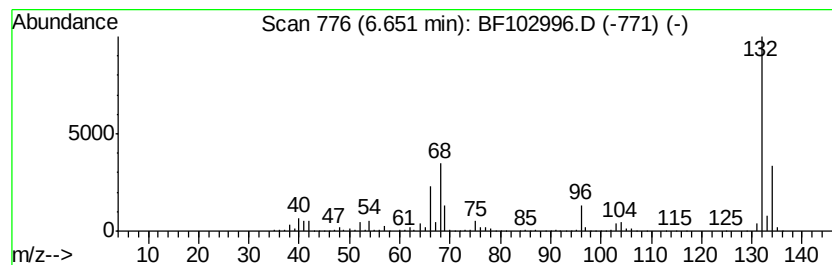
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Peak Number 2 unknown6.65 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	64.77 ng	3415810	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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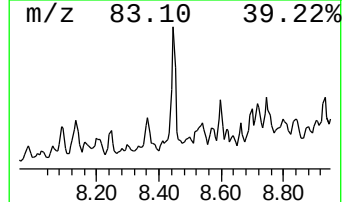
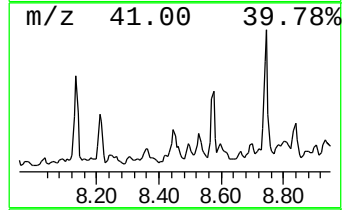
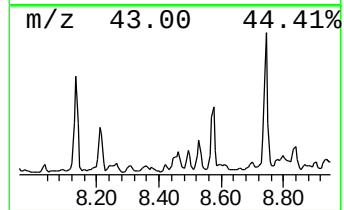
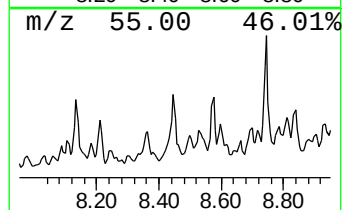
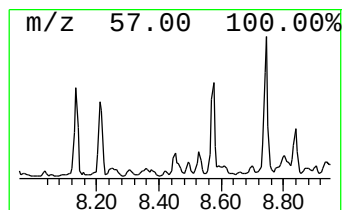
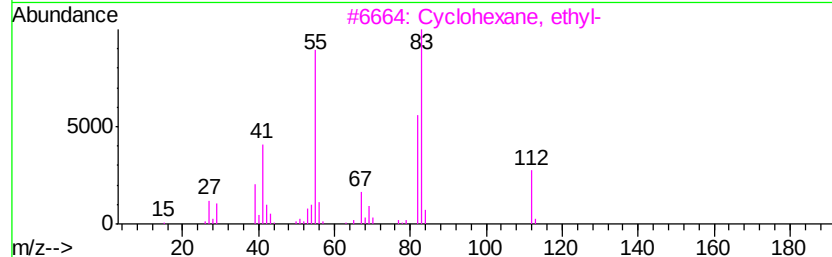
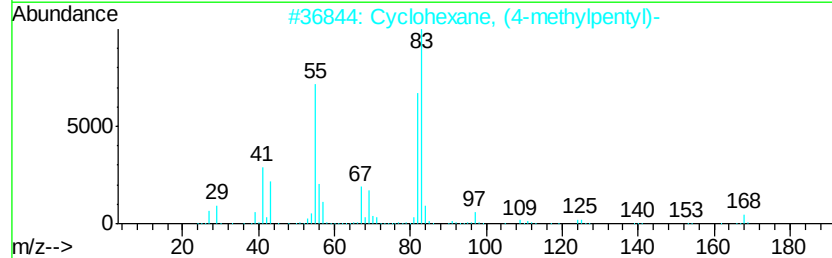
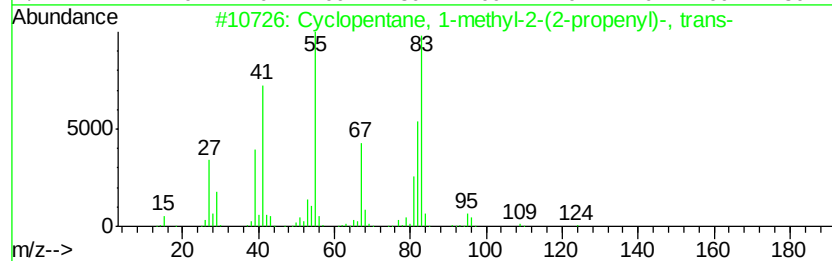
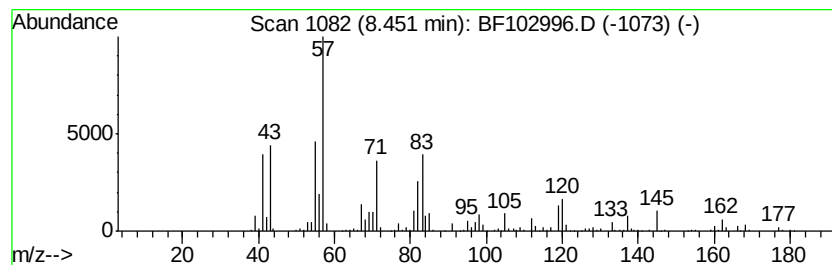
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, 1-methyl-2-(2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	22.34 ng	1345090	Napthalene-d8	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-methyl-2-(2-prop...	124 C9H16	050746-53-7 58
2		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 50
3		Cyclohexane, ethyl-	112 C8H16	001678-91-7 49
4		Cyclopentanone, 3-methyl-2-(2-pe...	166 C11H18O	007051-39-0 43
5		2-Pentene, 2,4-dimethyl-	98 C7H14	000625-65-0 38



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Operator : SJ/JU
Sample : J1539-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB-1-NW(0-4)

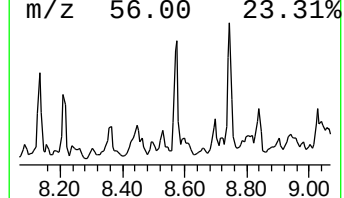
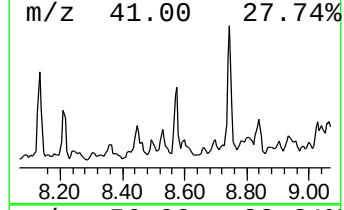
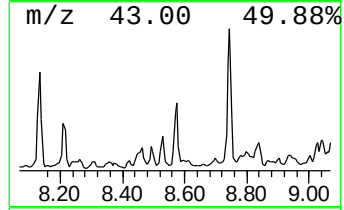
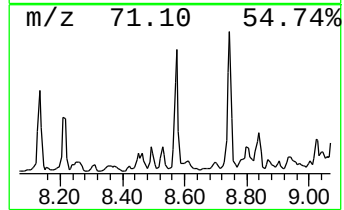
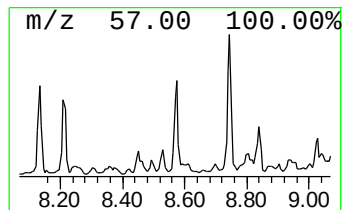
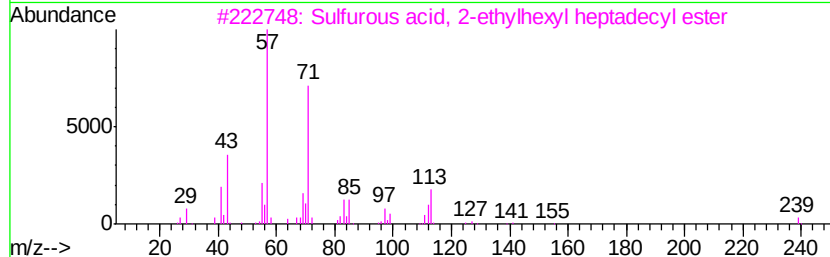
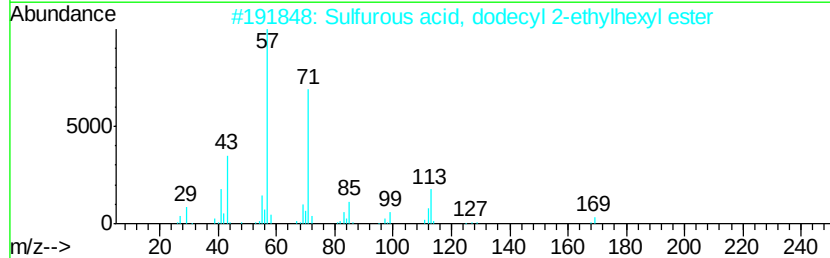
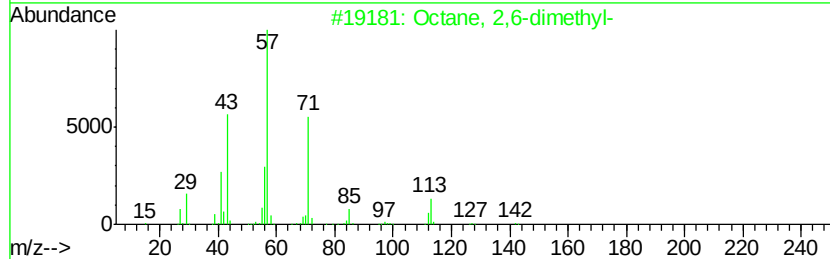
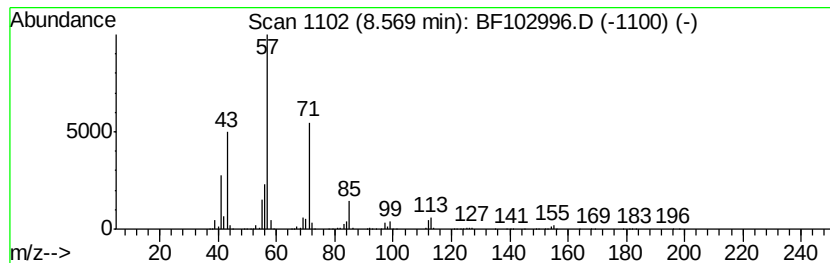
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	22.60 ng	1360920	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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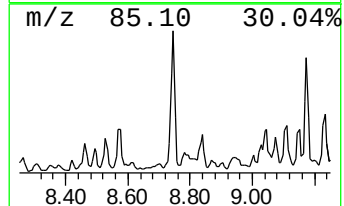
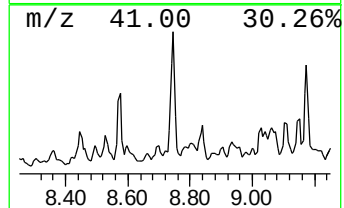
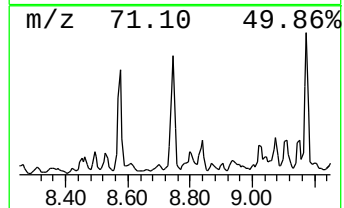
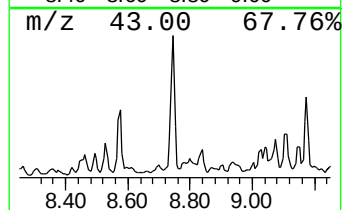
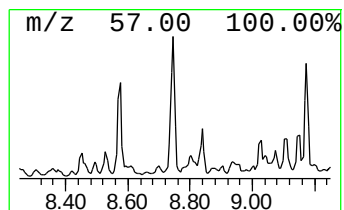
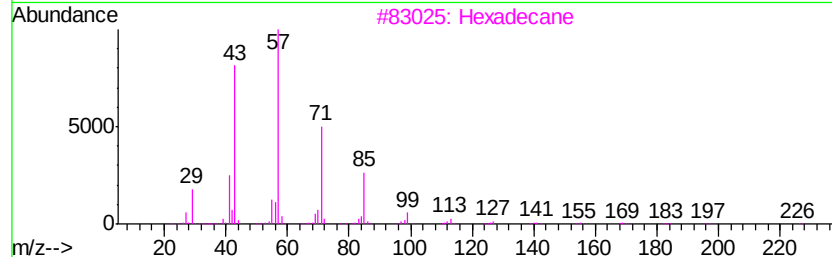
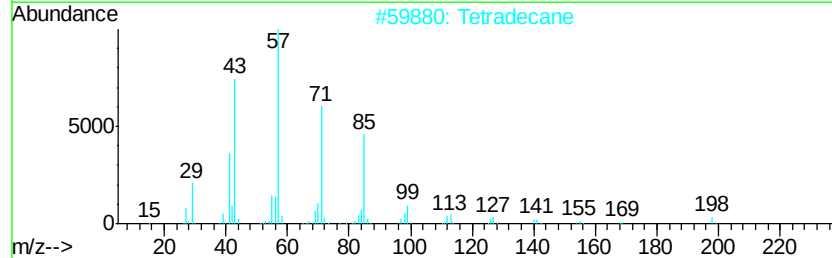
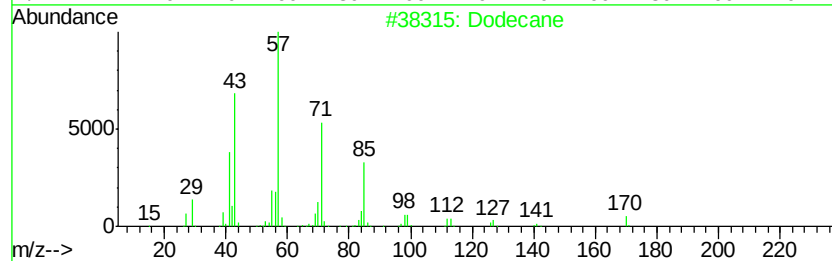
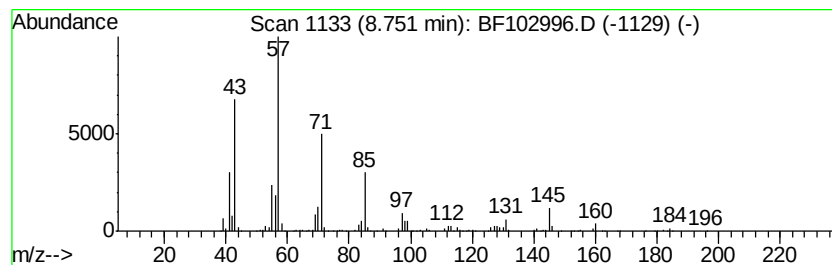
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	37.44 ng	2254800	Napthalene-d8	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	86
2	Tetradecane	198 C14H30	000629-59-4	86
3	Hexadecane	226 C16H34	000544-76-3	80
4	Tridecane	184 C13H28	000629-50-5	80
5	Pentadecane	212 C15H32	000629-62-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Sample : J1539-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

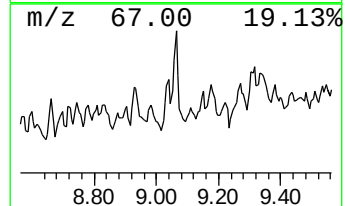
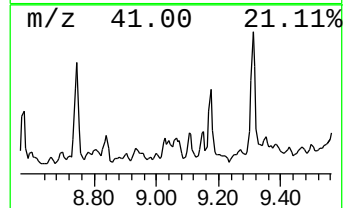
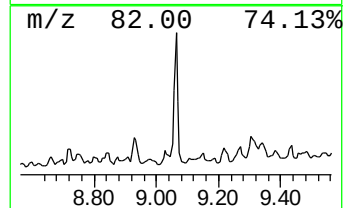
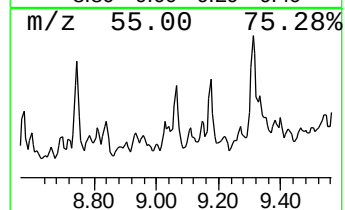
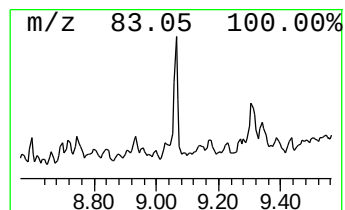
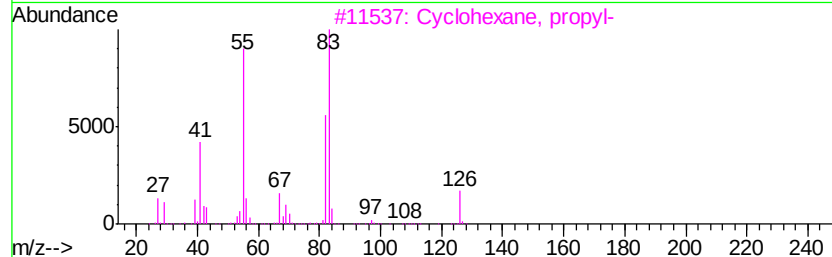
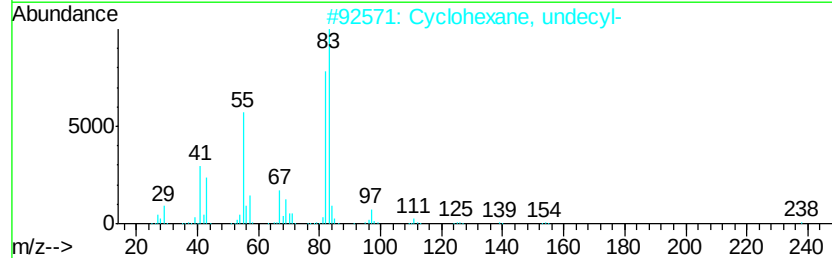
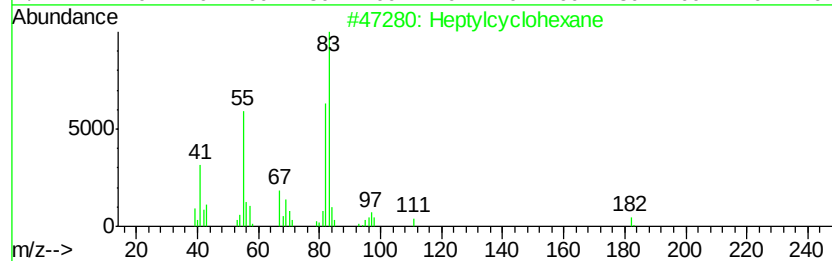
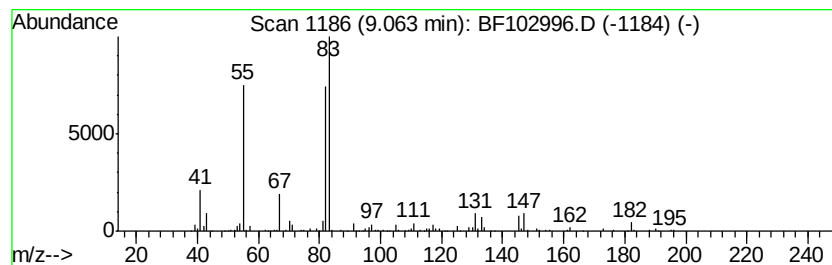
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.06	18.66 ng	846463	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	56
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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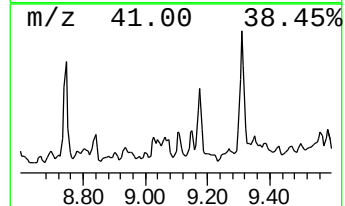
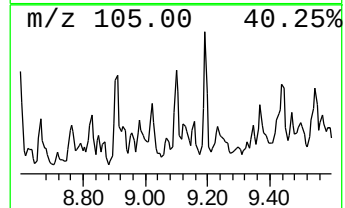
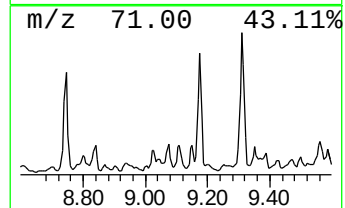
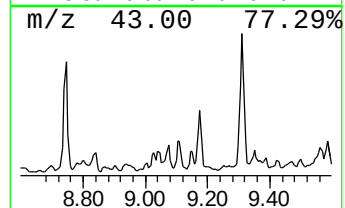
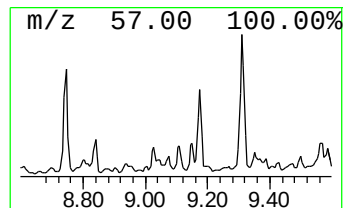
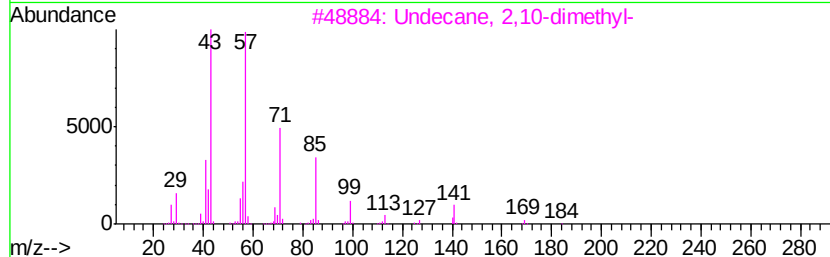
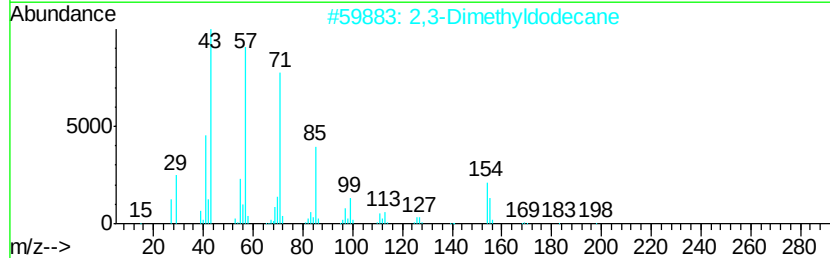
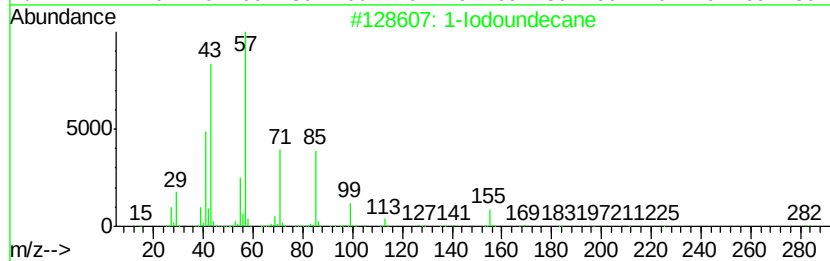
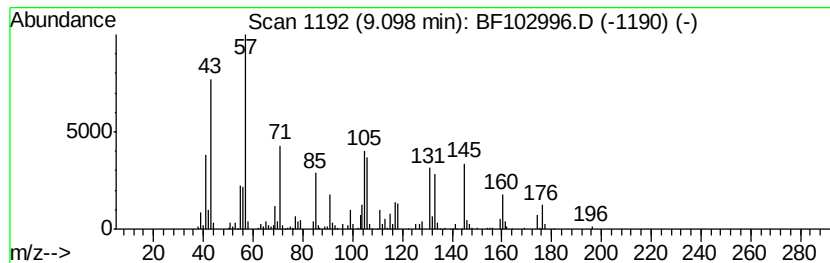
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Iodoundecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	17.35 ng	786838	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Iodoundecane	282 C11H23I	004282-44-4	64
2	2,3-Dimethyldodecane	198 C14H30	006117-98-2	62
3	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	59
4	Tridecane, 3-methyl-	198 C14H30	006418-41-3	58
5	Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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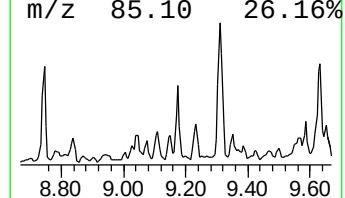
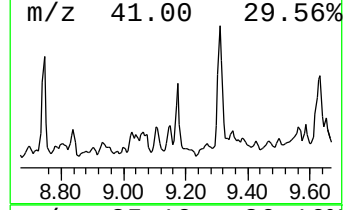
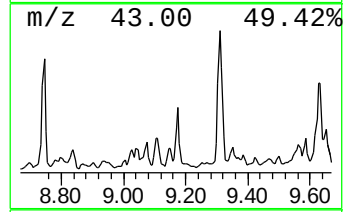
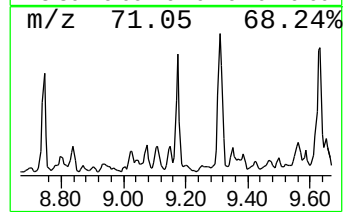
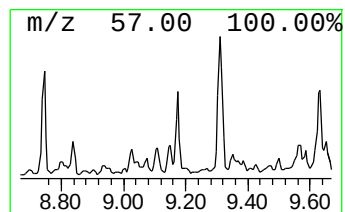
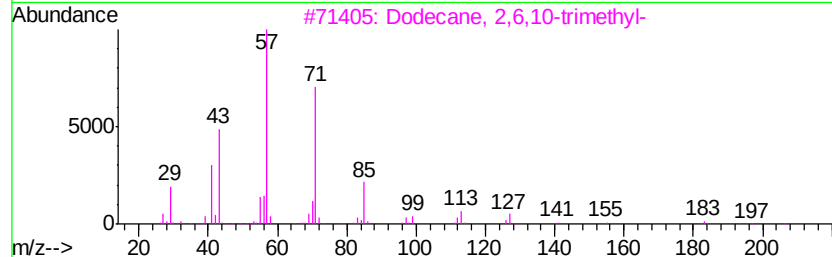
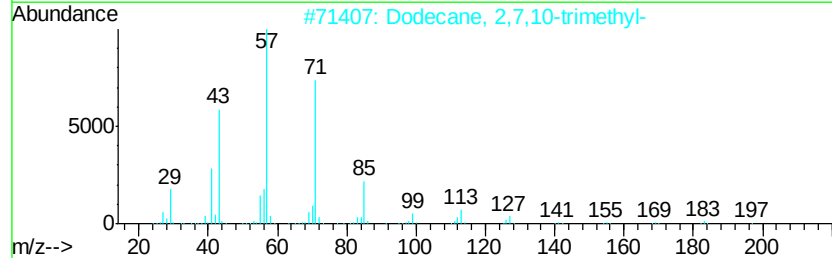
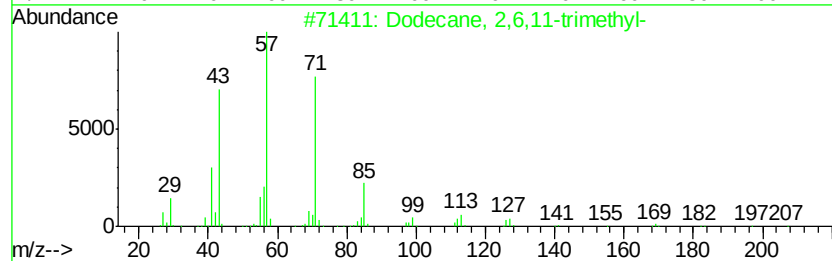
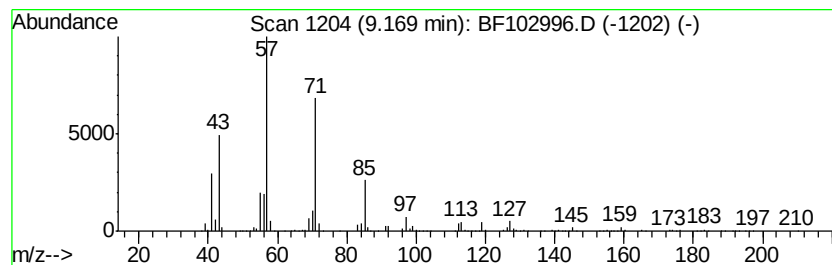
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	40.07 ng	1817250	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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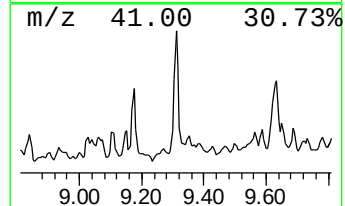
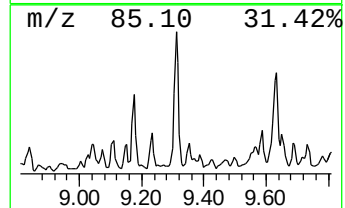
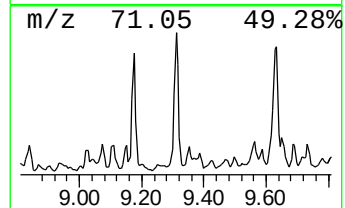
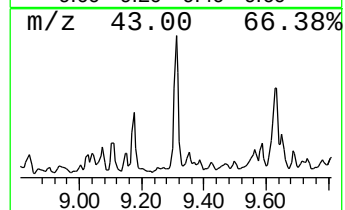
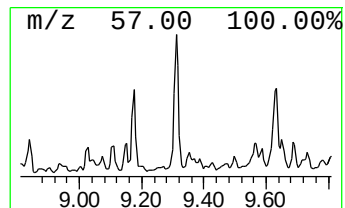
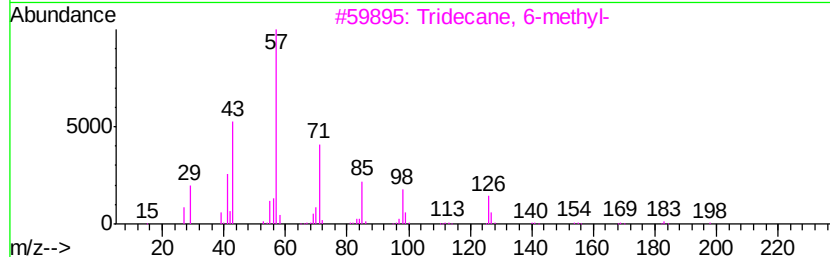
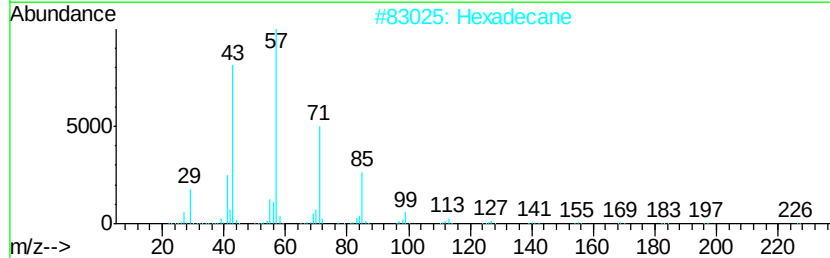
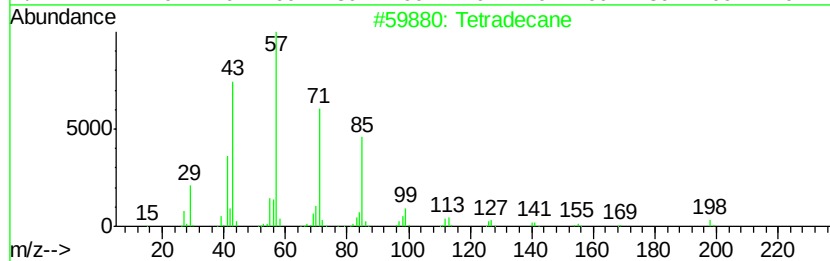
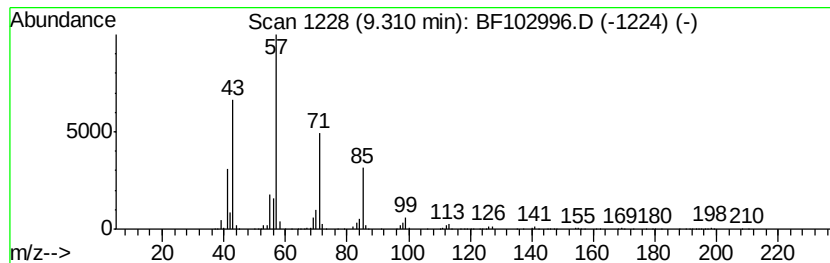
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	86.87 ng	3939990	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 94
2		Hexadecane	226 C16H34	000544-76-3 91
3		Tridecane, 6-methyl-	198 C14H30	013287-21-3 91
4		Pentadecane	212 C15H32	000629-62-9 90
5		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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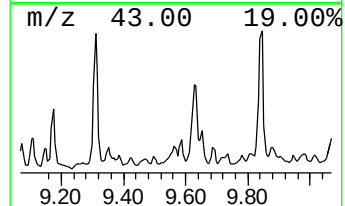
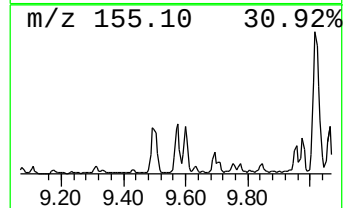
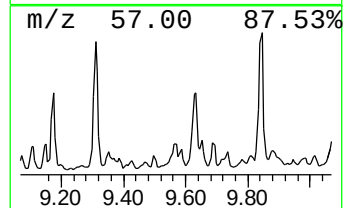
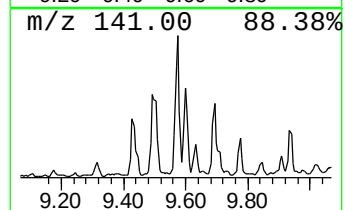
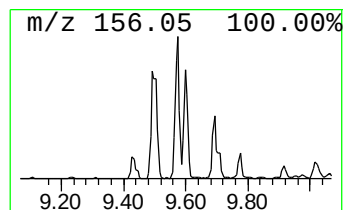
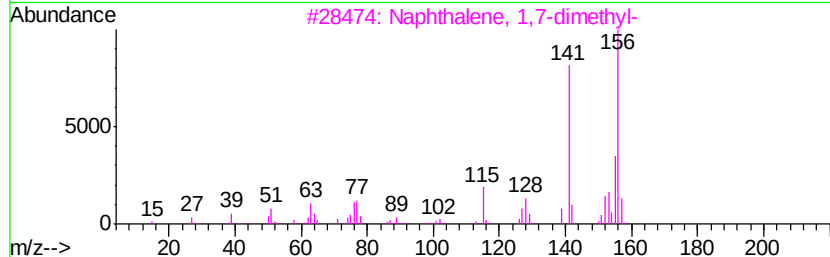
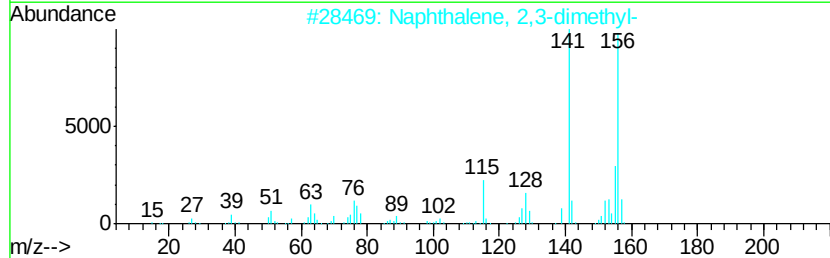
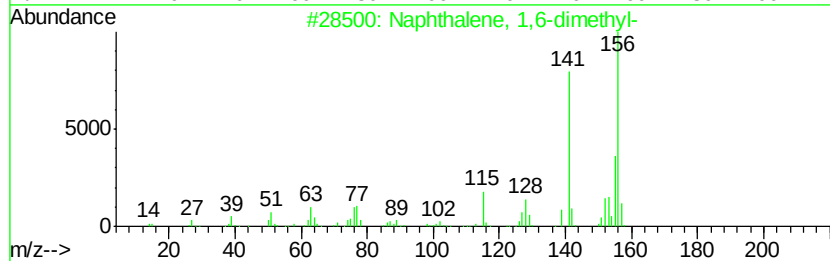
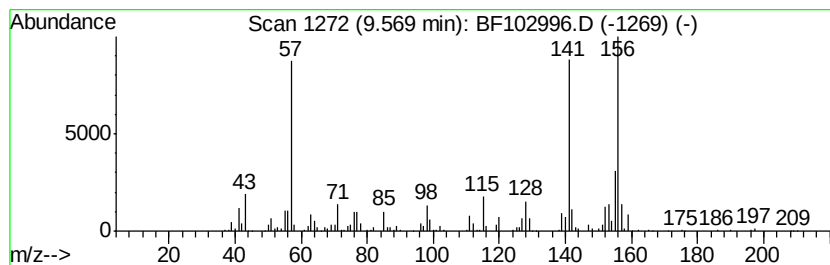
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	17.22 ng	781045	Acenaphthene-d10	9.92

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102996.D
Acq On : 14 Feb 2018 18:19
Operator : SJ/JU
Sample : J1539-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

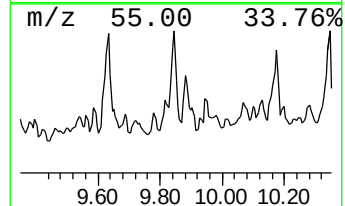
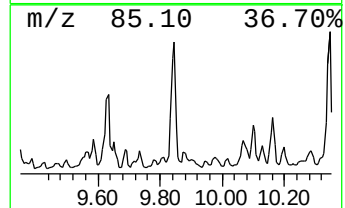
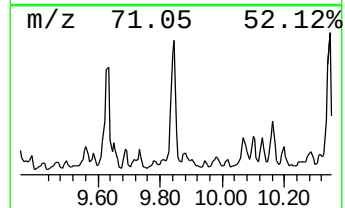
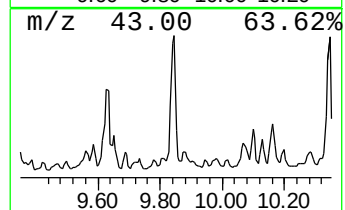
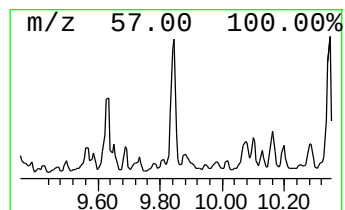
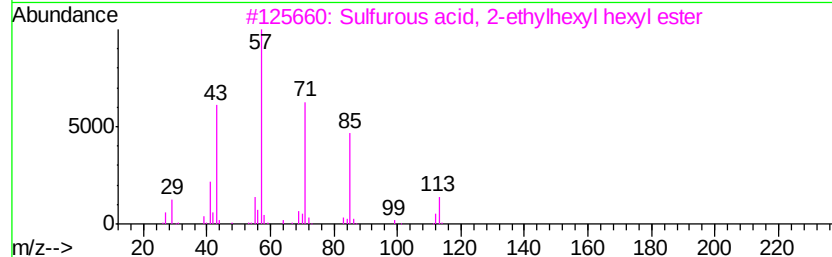
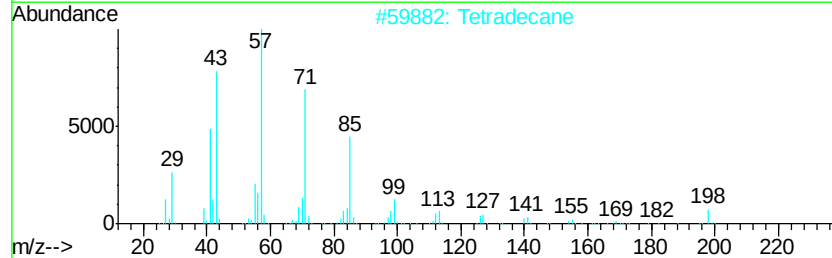
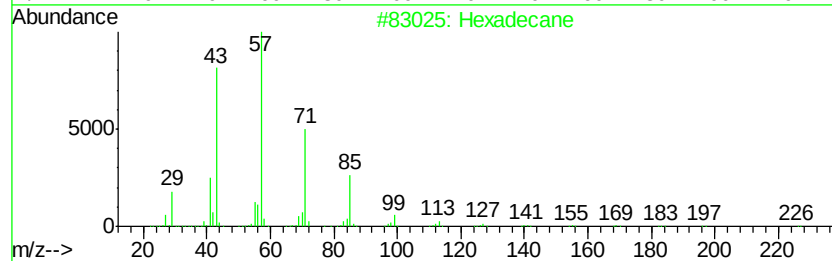
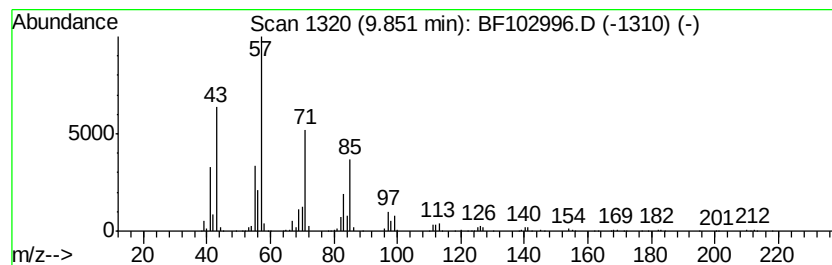
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ClientSampleId :
CB-1-NW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	98.40 ng	4463060	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	87
2	Tetradecane	198 C14H30	000629-59-4	80
3	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	72
5	Tridecane	184 C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102996.D
Acq On : 14 Feb 2018 18:19
Operator : SJ/JU
Sample : J1539-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB-1-NW(0-4)

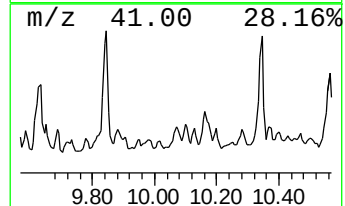
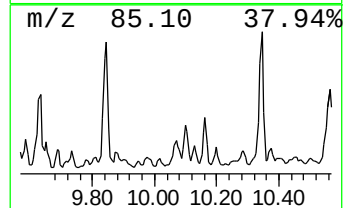
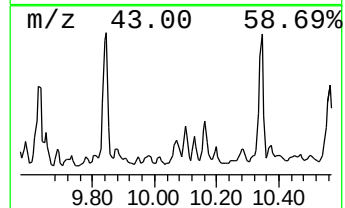
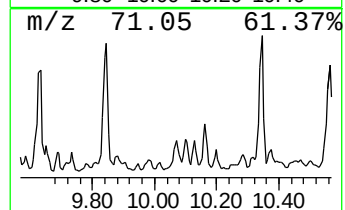
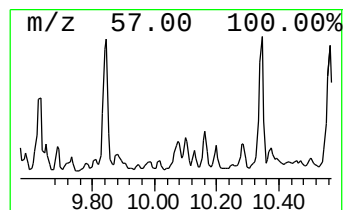
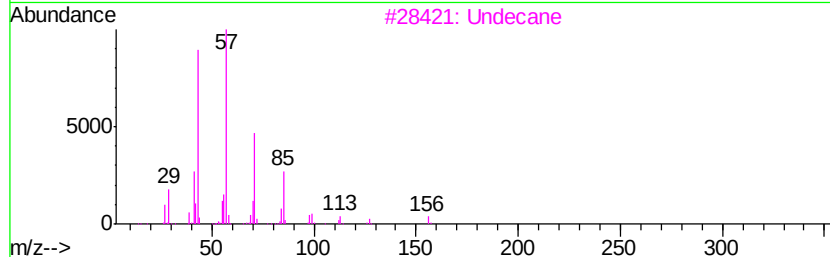
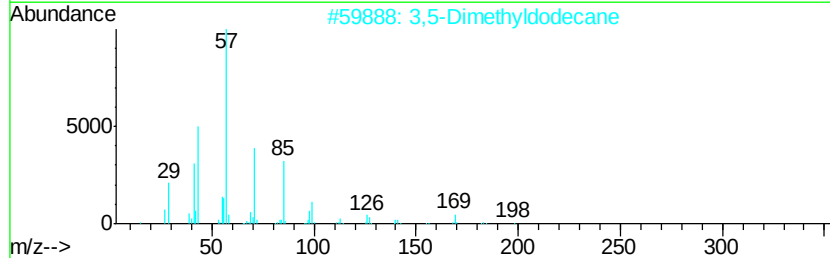
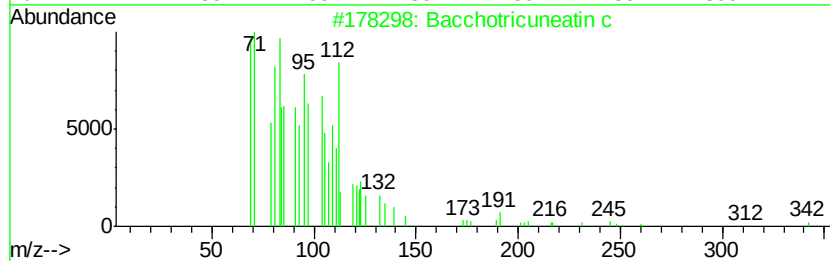
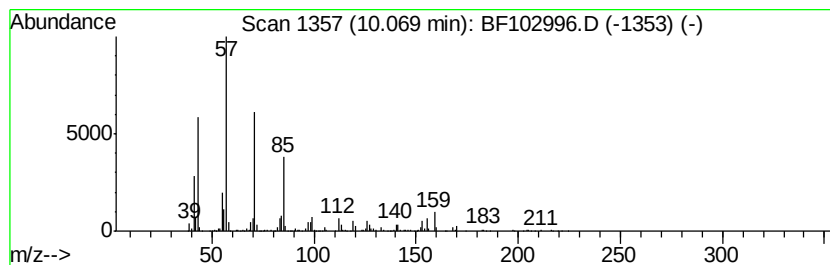
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	27.92 ng	1266120	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3		Undecane	156	C11H24	001120-21-4	64
4		Dodecane	170	C12H26	000112-40-3	64
5		5,8-Tridecadione	212	C13H24O2	067238-16-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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Operator : SJ/JU
Sample : J1539-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

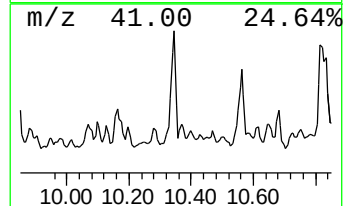
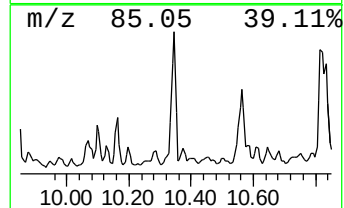
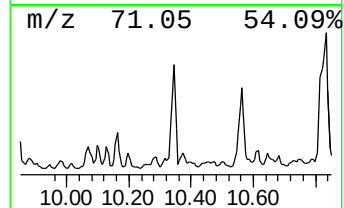
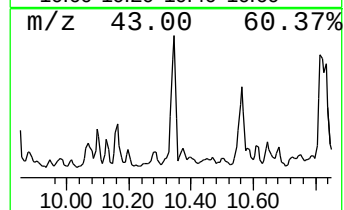
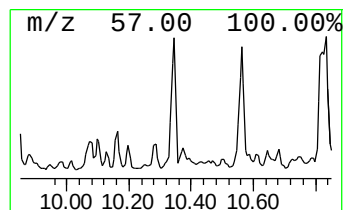
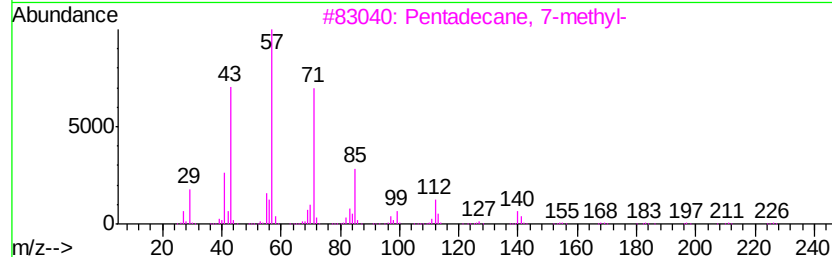
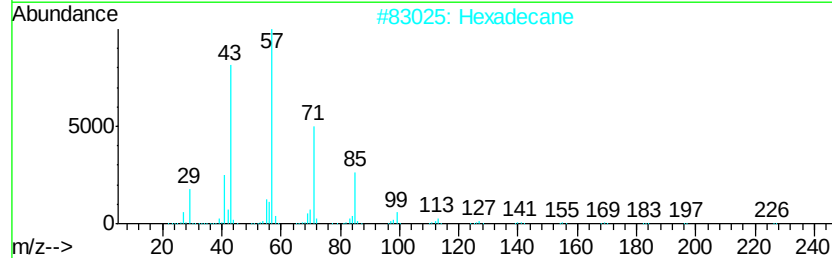
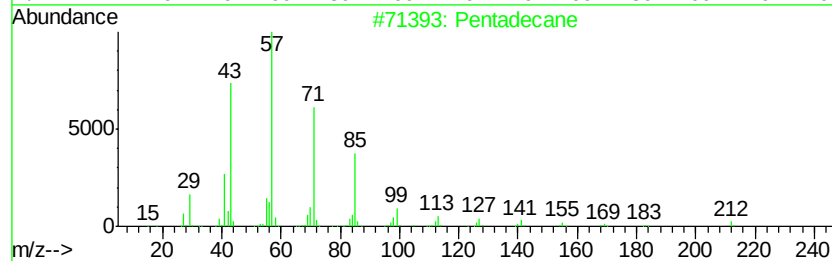
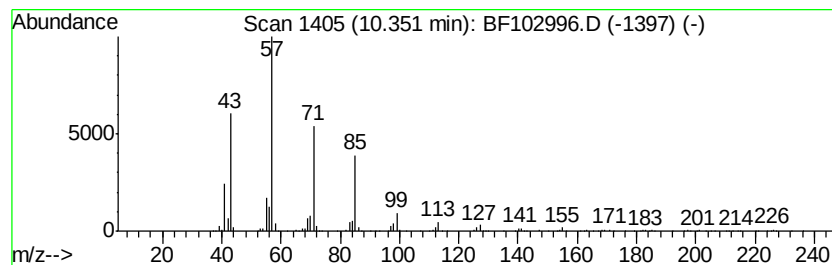
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ClientSampleId :
CB-1-NW(0-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.35	94.36 ng	4279740	Acenaphthene-d10		9.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	5-Ethyldecane	170	C12H26	017302-36-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Sample : J1539-17
Misc :
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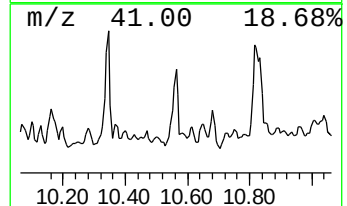
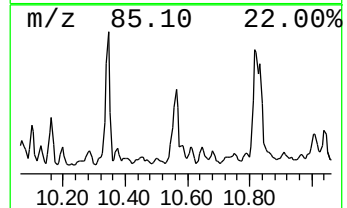
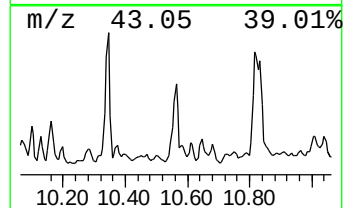
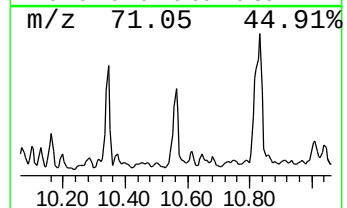
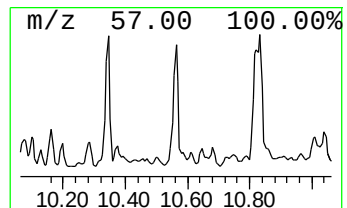
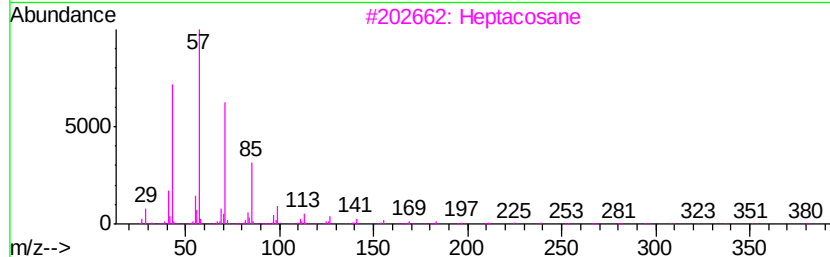
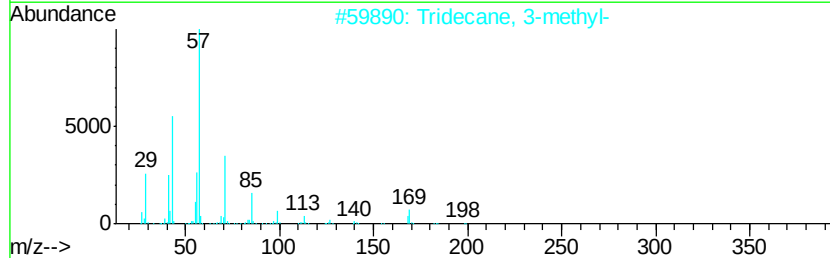
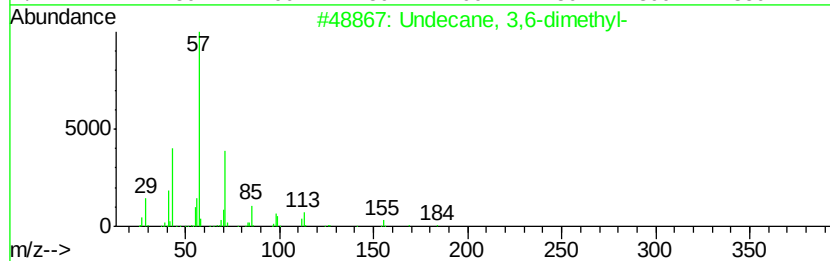
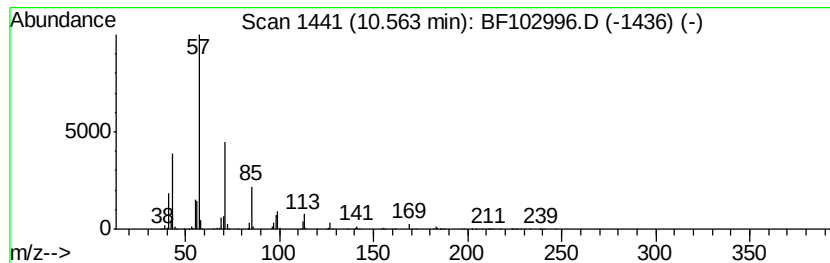
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	85.86 ng	3894100	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	90
2	Tridecane, 3-methyl-	198 C14H30	006418-41-3	81
3	Heptacosane	380 C27H56	000593-49-7	80
4	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	72
5	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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Acq On : 14 Feb 2018 18:19
Operator : SJ/JU
Sample : J1539-17
Misc :
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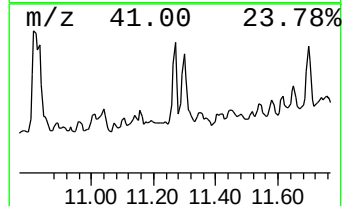
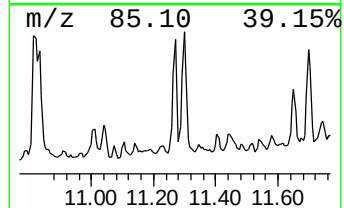
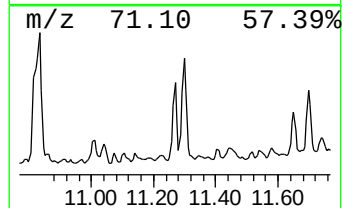
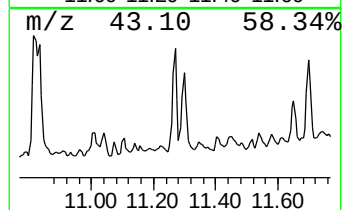
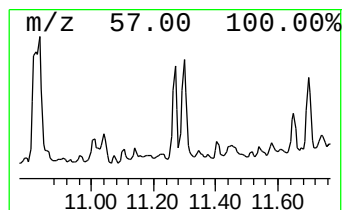
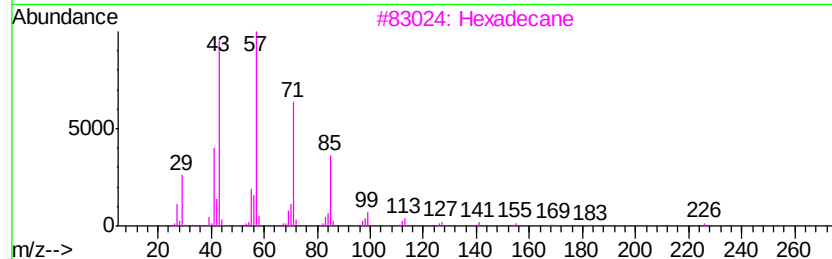
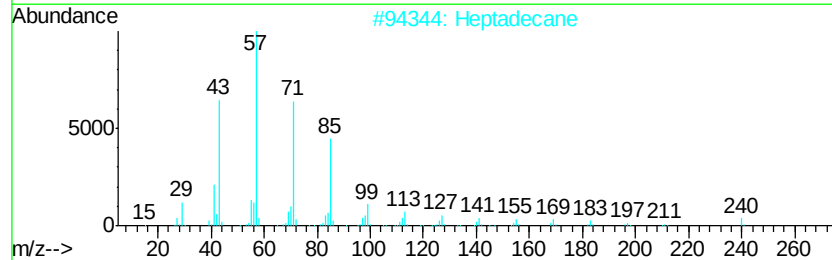
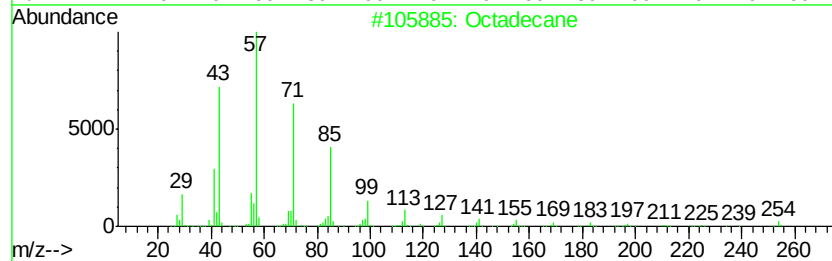
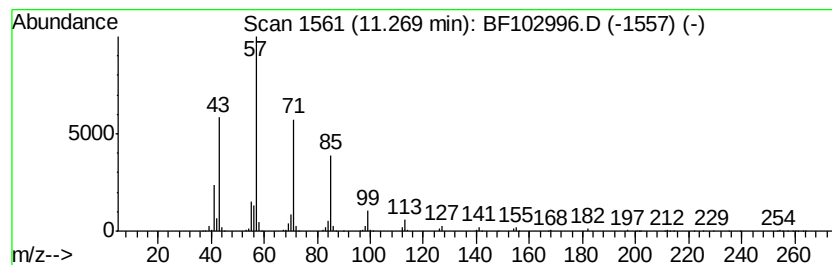
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.27	37.58 ng	2352860	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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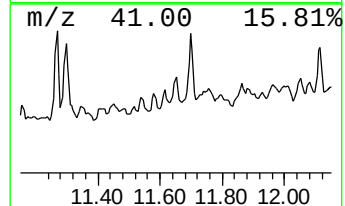
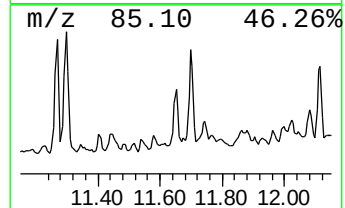
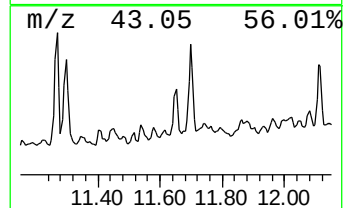
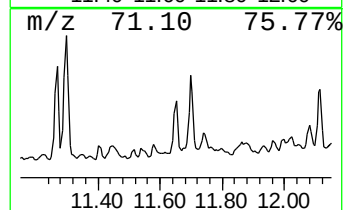
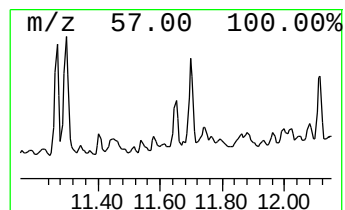
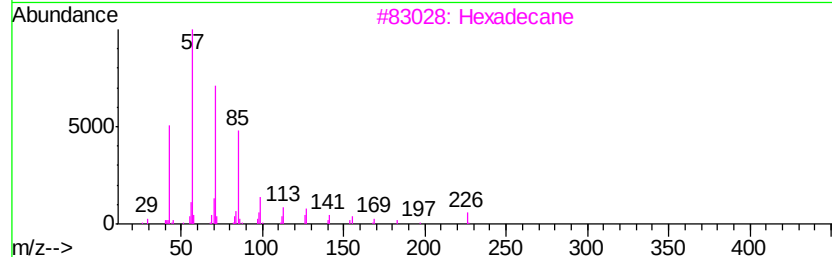
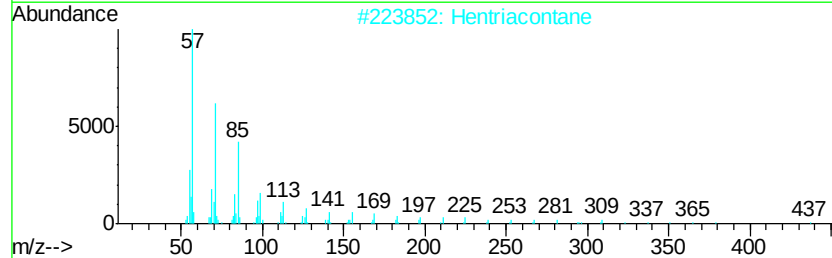
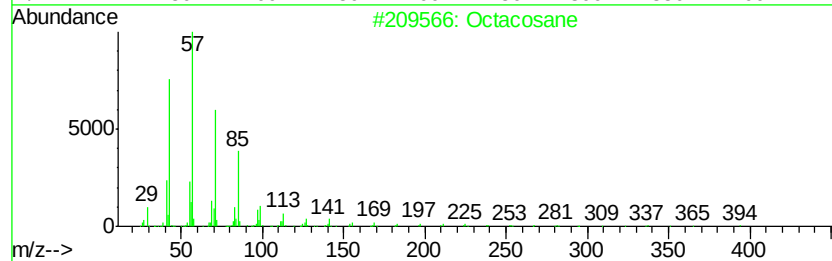
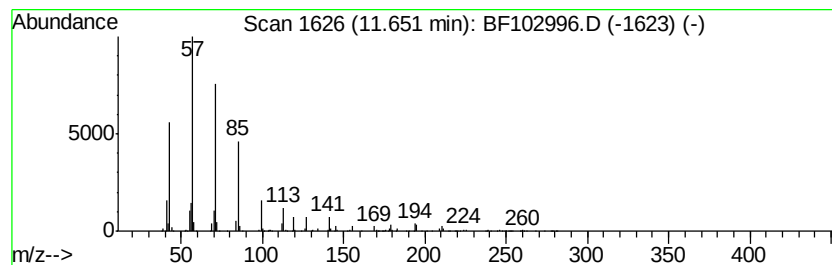
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	18.22 ng	1140370	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	86
2	Hentriacontane	437 C31H64	000630-04-6	86
3	Hexadecane	226 C16H34	000544-76-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	86
5	Heptadecane	240 C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
 Data File : BF102996.D
 Acq On : 14 Feb 2018 18:19
 Operator : SJ/JU
 Sample : J1539-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CB-1-NW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
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unknown6.65	6.65	64.8	ng	3415810	1	6.87	1054770	20.0
Cyclopentane, 1-m...	8.45	22.3	ng	1345090	2	8.16	1204460	20.0
Octane, 2,6-dimet...	8.57	22.6	ng	1360920	2	8.16	1204460	20.0
Dodecane	8.75	37.4	ng	2254800	2	8.16	1204460	20.0
Heptylcyclohexane	9.06	18.7	ng	846463	3	9.92	907085	20.0
1-Iodoundecane	9.10	17.4	ng	786838	3	9.92	907085	20.0
Dodecane, 2,6,11-...	9.17	40.1	ng	1817250	3	9.92	907085	20.0
Tetradecane	9.31	86.9	ng	3939990	3	9.92	907085	20.0
Naphthalene, 1,6-...	9.57	17.2	ng	781045	3	9.92	907085	20.0
Hexadecane	9.85	98.4	ng	4463060	3	9.92	907085	20.0
Bacchotricuneatin c	10.07	27.9	ng	1266120	3	9.92	907085	20.0
Pentadecane	10.35	94.4	ng	4279740	3	9.92	907085	20.0
Undecane, 3,6-dim...	10.56	85.9	ng	3894100	3	9.92	907085	20.0
Octadecane	11.27	37.6	ng	2352860	4	11.41	1252040	20.0
Octacosane	11.65	18.2	ng	1140370	4	11.41	1252040	20.0