

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108292.D
 Acq On : 20 Aug 2018 16:16
 Operator : JU/SJ
 Sample : J4537-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

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-BF080818.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	2.378	3	7	15	rVB	455643	644775	5.92%	0.276%
2	5.266	493	498	504	rBV2	222648	281774	2.59%	0.121%
3	5.648	555	563	566	rBV	3880245	4039785	37.11%	1.729%
4	6.637	726	731	734	rBV	3700572	4364443	40.10%	1.868%
5	6.789	752	757	760	rVB	4302011	4290226	39.42%	1.836%
6	6.837	762	765	769	rBV	813440	679002	6.24%	0.291%
7	7.013	791	795	798	rVB	1742981	1571984	14.44%	0.673%
8	7.172	816	822	827	rVB	3484552	3753646	34.49%	1.606%
9	7.278	835	840	843	rBV3	486407	640144	5.88%	0.274%
10	7.384	855	858	860	rBV	355631	319493	2.94%	0.137%
11	7.436	865	867	871	rVB3	220584	266147	2.45%	0.114%
12	7.484	871	875	879	rBV5	174813	297019	2.73%	0.127%
13	7.536	879	884	887	rBV2	707146	1065621	9.79%	0.456%
14	7.578	887	891	897	rVB2	2823998	4399935	40.42%	1.883%
15	7.654	898	904	907	rVB4	492008	818735	7.52%	0.350%
16	7.701	907	912	915	rBV4	416582	705089	6.48%	0.302%
17	7.778	922	925	928	rVB2	557410	476371	4.38%	0.204%
18	7.819	928	932	937	rVB3	867402	1036679	9.52%	0.444%
19	7.878	938	942	944	rBV3	239461	362630	3.33%	0.155%
20	7.907	944	947	949	rBV	712216	547573	5.03%	0.234%
21	7.936	949	952	954	rBV2	893079	723669	6.65%	0.310%
22	7.960	954	956	959	rVB2	470040	423025	3.89%	0.181%
23	7.995	959	962	965	rBV3	470323	432412	3.97%	0.185%
24	8.031	965	968	971	rBV	912026	788176	7.24%	0.337%
25	8.078	973	976	978	rVB2	480372	397617	3.65%	0.170%
26	8.107	978	981	985	rVB4	260054	320360	2.94%	0.137%
27	8.166	987	991	993	rBV4	453474	493220	4.53%	0.211%
28	8.195	993	996	997	rBV2	437712	419236	3.85%	0.179%
29	8.266	1002	1008	1010	rBV	3694156	3511935	32.27%	1.503%
30	8.301	1012	1014	1018	rVB	2062839	1548612	14.23%	0.663%
31	8.342	1018	1021	1024	rVB	3529133	3426866	31.48%	1.467%
32	8.383	1024	1028	1033	rBV3	681775	1020212	9.37%	0.437%
33	8.472	1041	1043	1045	rBV2	477905	467218	4.29%	0.200%
34	8.501	1045	1048	1051	rVB	1251590	1166166	10.71%	0.499%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108292.D
 Acq On : 20 Aug 2018 16:16
 Operator : JU/SJ
 Sample : J4537-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

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-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.583	1053	1062	1066	rBV3	2358623	3802926	34.94%	1.628%
36	8.625	1067	1069	1073	rBV5	615523	1044358	9.59%	0.447%
37	8.660	1073	1075	1080	rVV4	1165579	1577203	14.49%	0.675%
38	8.707	1080	1083	1086	rVV	4512257	4243392	38.99%	1.816%
39	8.736	1086	1088	1091	rVB2	904763	764298	7.02%	0.327%
40	8.807	1097	1100	1102	rBV	1173226	1088740	10.00%	0.466%
41	8.836	1102	1105	1107	rVV	2117030	1954433	17.96%	0.836%
42	8.883	1107	1113	1117	rVV	6045015	6410055	58.89%	2.743%
43	8.978	1126	1129	1133	rVB	2347317	2318149	21.30%	0.992%
44	9.078	1143	1146	1148	rBV3	856803	895803	8.23%	0.383%
45	9.166	1158	1161	1162	rBV2	1076675	977776	8.98%	0.418%
46	9.207	1165	1168	1171	rVB3	2102861	2637277	24.23%	1.129%
47	9.248	1171	1175	1178	rBV2	1932364	1936613	17.79%	0.829%
48	9.289	1179	1182	1183	rBV	1445212	1417377	13.02%	0.607%
49	9.319	1183	1187	1193	rVB	6659218	7543103	69.30%	3.228%
50	9.378	1193	1197	1200	rBV	4756541	5165118	47.45%	2.211%
51	9.454	1205	1210	1214	rBV	7398742	9955230	91.46%	4.261%
52	9.642	1239	1242	1246	rBV6	885456	1369606	12.58%	0.586%
53	9.777	1260	1265	1271	rVB2	7393470	10381614	95.38%	4.443%
54	9.830	1272	1274	1277	rVB2	1388741	1141619	10.49%	0.489%
55	9.860	1277	1279	1281	rBV3	804482	914959	8.41%	0.392%
56	9.930	1289	1291	1293	rBV	1038523	864187	7.94%	0.370%
57	9.995	1297	1302	1305	rVV	7372217	8742186	80.32%	3.741%
58	10.030	1305	1308	1310	rVV2	809080	1057108	9.71%	0.452%
59	10.072	1313	1315	1318	rVB2	1304145	1035294	9.51%	0.443%
60	10.219	1337	1340	1343	rBV3	1125207	1709117	15.70%	0.731%
61	10.248	1343	1345	1347	rVV	1855602	1350667	12.41%	0.578%
62	10.272	1347	1349	1352	rVB2	1853495	1552160	14.26%	0.664%
63	10.307	1352	1355	1360	rBV4	3459854	4834817	44.42%	2.069%
64	10.389	1366	1369	1371	rBV	1510581	1540750	14.16%	0.659%
65	10.425	1371	1375	1378	rVV3	1651828	2512132	23.08%	1.075%
66	10.495	1382	1387	1389	rVV	7761145	9333773	85.75%	3.995%
67	10.519	1389	1391	1394	rVB	1298085	1203453	11.06%	0.515%
68	10.713	1419	1424	1426	rBV	6257795	8213639	75.46%	3.515%
69	10.766	1430	1433	1435	rBV	1534979	1446005	13.28%	0.619%
70	10.795	1435	1438	1439	rVV	1120409	1069371	9.82%	0.458%
71	10.830	1442	1444	1448	rVB3	2354324	2406677	22.11%	1.030%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108292.D
 Acq On : 20 Aug 2018 16:16
 Operator : JU/SJ
 Sample : J4537-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.872	1448	1451	1454	rBV4	2319255	2888838	26.54%	1.236%
73	10.977	1464	1469	1470	rBV	7342982	10884531	100.00%	4.658%
74	11.042	1478	1480	1482	rBV2	880805	924812	8.50%	0.396%
75	11.154	1497	1499	1501	rBV	1255028	1211599	11.13%	0.519%
76	11.189	1503	1505	1508	rVB	2317550	1936963	17.80%	0.829%
77	11.289	1519	1522	1524	rBV2	1295642	1504996	13.83%	0.644%
78	11.419	1540	1544	1546	rBV	6153390	6342690	58.27%	2.714%
79	11.448	1546	1549	1552	rVB	4889184	4718445	43.35%	2.019%
80	11.577	1568	1571	1578	rVB3	1340029	2193680	20.15%	0.939%
81	11.683	1587	1589	1593	rVB	1376438	1347347	12.38%	0.577%
82	11.724	1594	1596	1599	rBV3	1095226	1042650	9.58%	0.446%
83	11.795	1605	1608	1611	rBV	1585483	1748918	16.07%	0.748%
84	11.848	1613	1617	1620	rVB	6930010	6761031	62.12%	2.894%
85	12.101	1657	1660	1663	rVB4	1181856	1255483	11.53%	0.537%
86	12.254	1682	1686	1689	rVB	5033976	4708147	43.26%	2.015%
87	12.524	1730	1732	1735	rVB2	1156884	1203415	11.06%	0.515%
88	12.636	1747	1751	1754	rBV2	4498301	4274252	39.27%	1.829%
89	13.007	1811	1814	1817	rBV	3024935	2489964	22.88%	1.066%
90	13.154	1836	1839	1842	rVB	3080047	3032043	27.86%	1.298%
91	13.360	1872	1874	1877	rVB	2474828	2091125	19.21%	0.895%
92	13.701	1929	1932	1937	rVB	1736305	1651682	15.17%	0.707%
93	14.030	1986	1988	1991	rVB	1259168	999649	9.18%	0.428%
94	14.218	2017	2020	2023	rBV	1064466	1101380	10.12%	0.471%
95	14.348	2039	2042	2045	rVB	923942	831531	7.64%	0.356%
96	14.654	2091	2094	2100	rVB	873971	863269	7.93%	0.369%
97	14.983	2147	2150	2153	rVB	503577	496287	4.56%	0.212%
98	15.348	2209	2212	2223	rVB	543322	879903	8.08%	0.377%
99	15.783	2280	2286	2297	rVB2	865165	1689397	15.52%	0.723%
100	16.242	2360	2364	2370	rVB	307440	475079	4.36%	0.203%

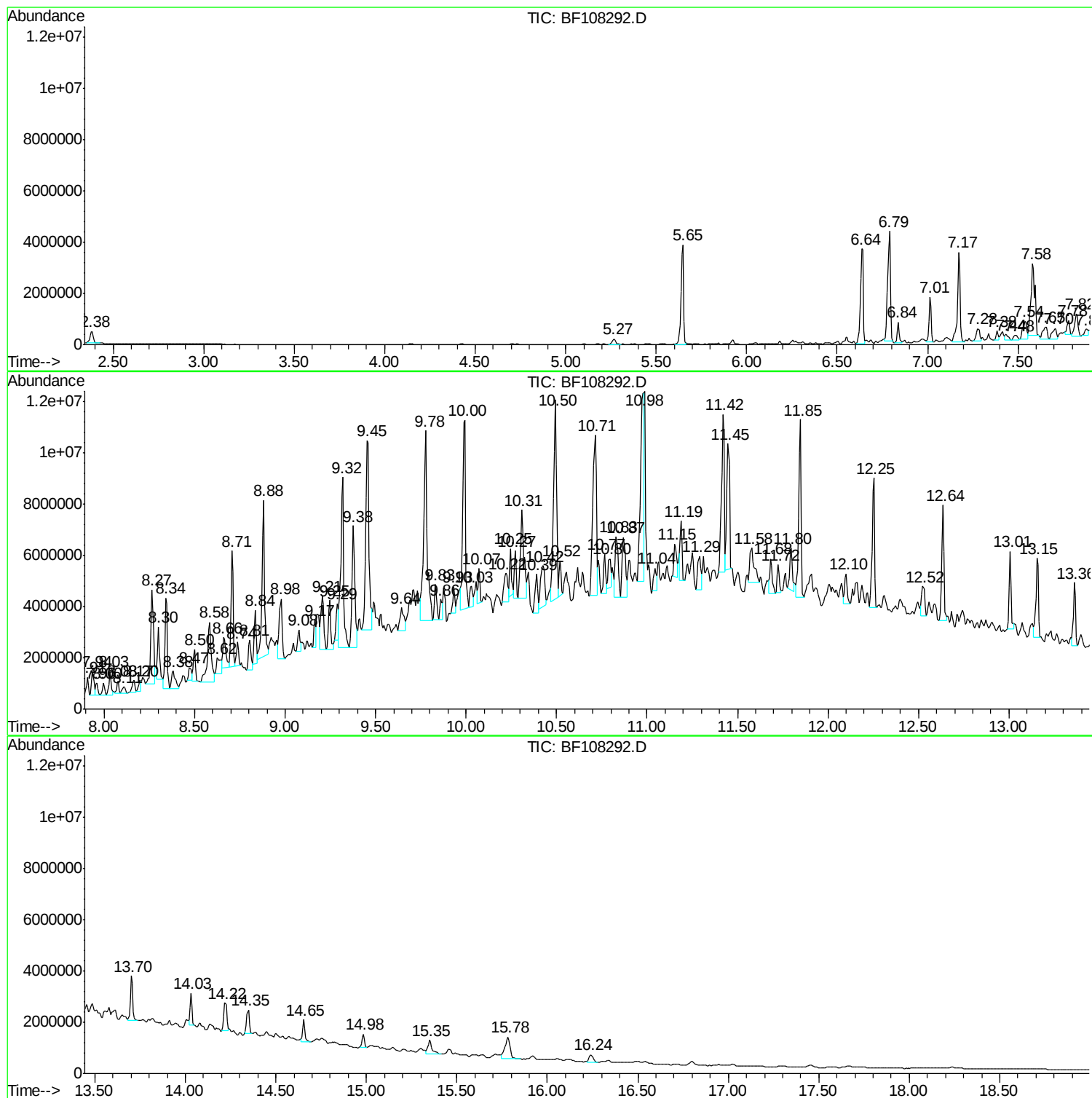
Sum of corrected areas: 233659886

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

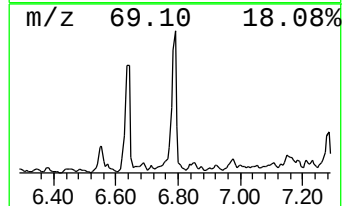
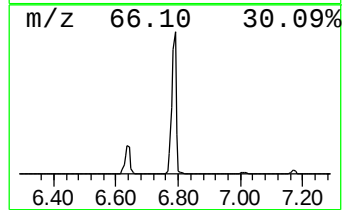
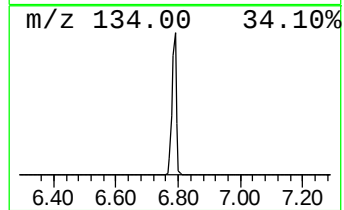
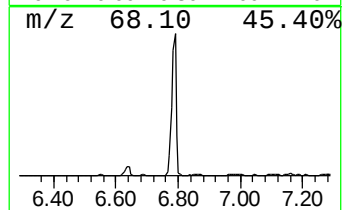
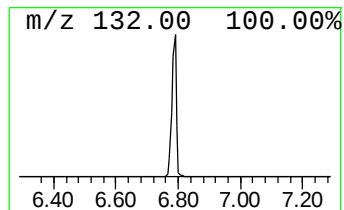
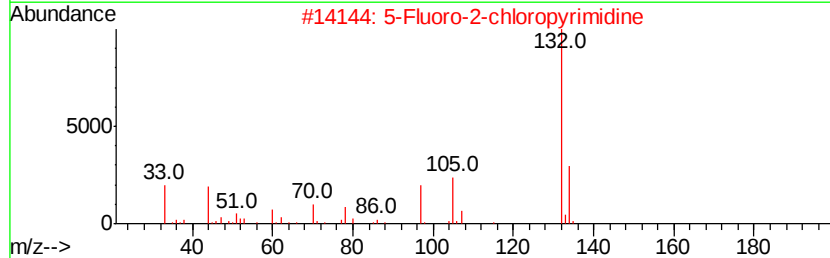
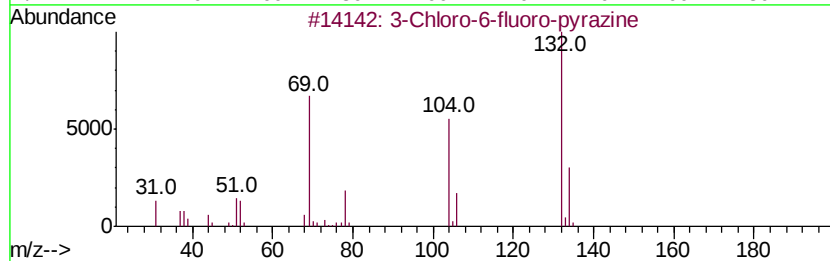
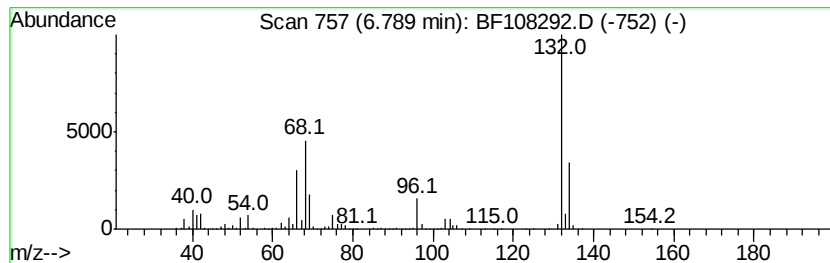
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.79 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	54.58 ng	4290230	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

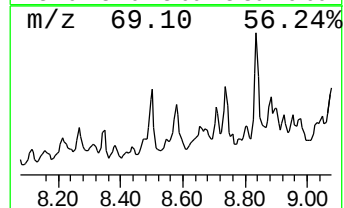
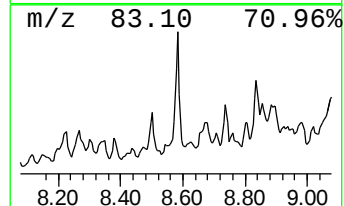
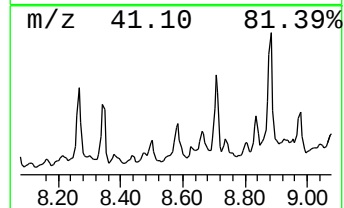
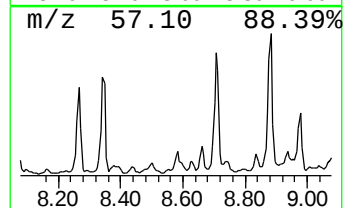
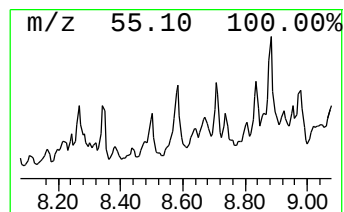
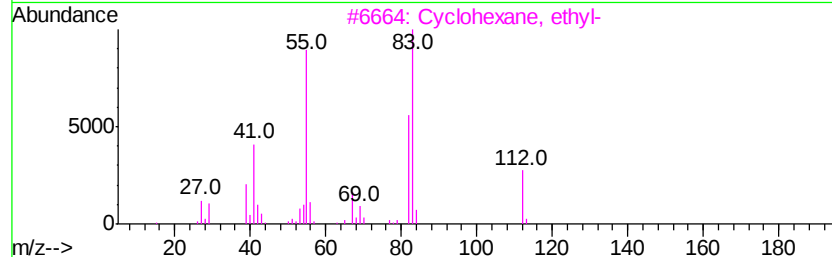
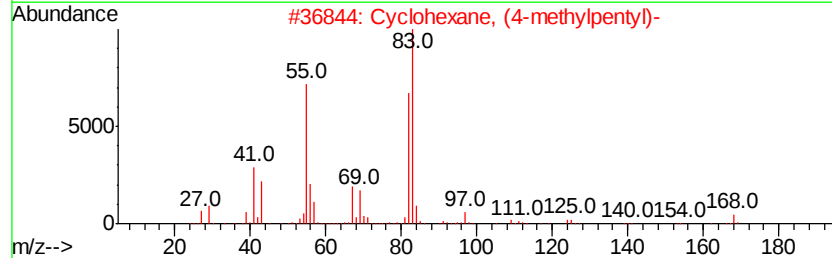
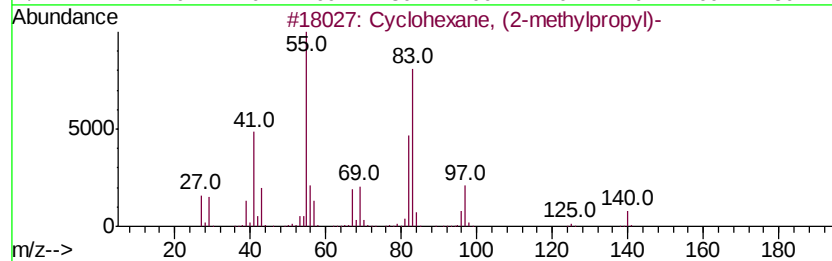
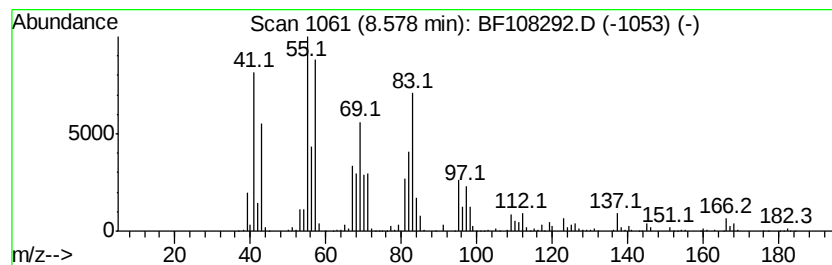
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	49.11 ng	3802930	Napthalene-d8	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4		1-Propenylaziridine	83	C5H9N	1000192-51-0	38
5		1,1'-Bicyclohexyl	166	C12H22	000092-51-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

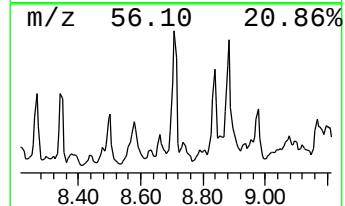
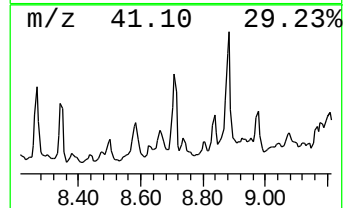
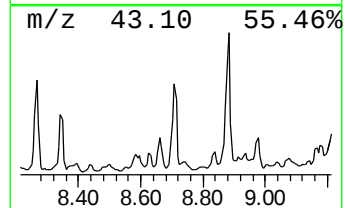
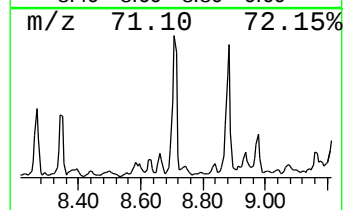
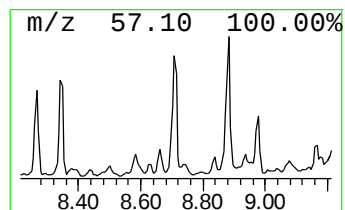
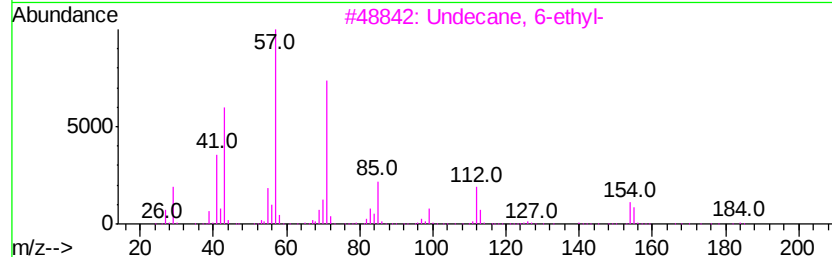
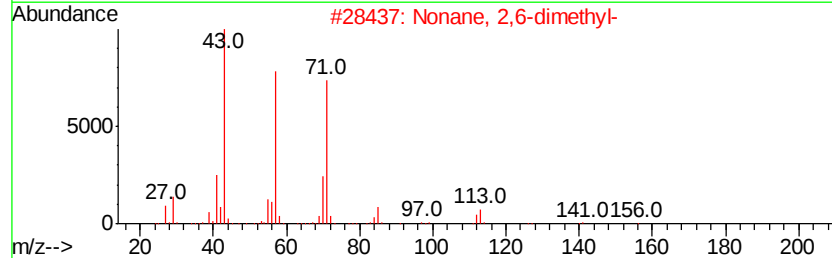
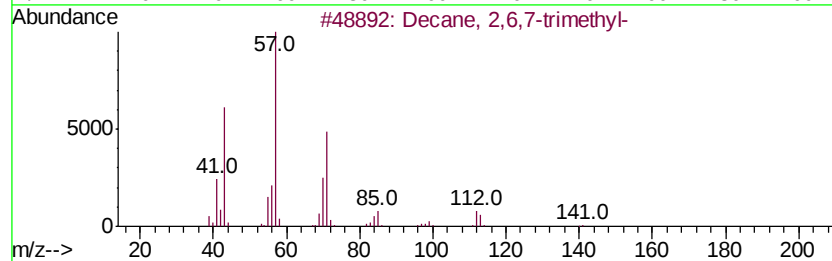
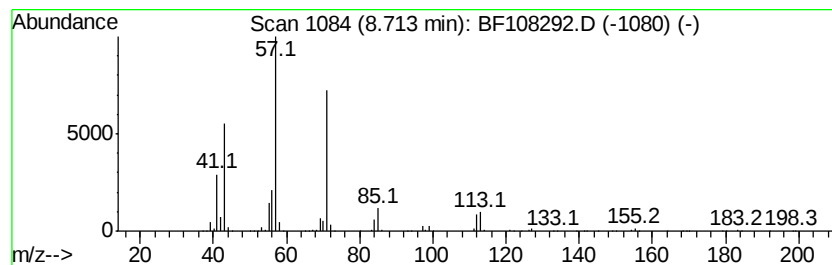
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	54.80 ng	4243390	Naphthalene-d8	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

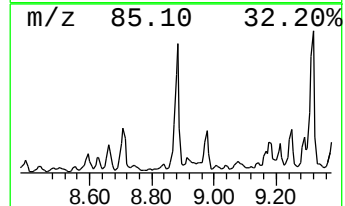
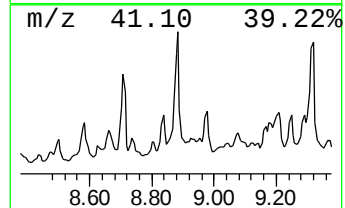
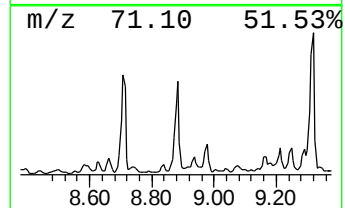
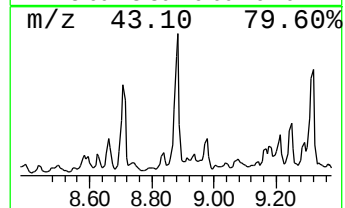
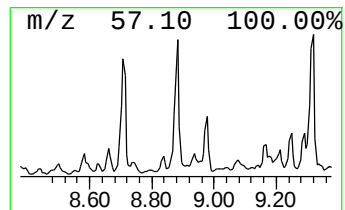
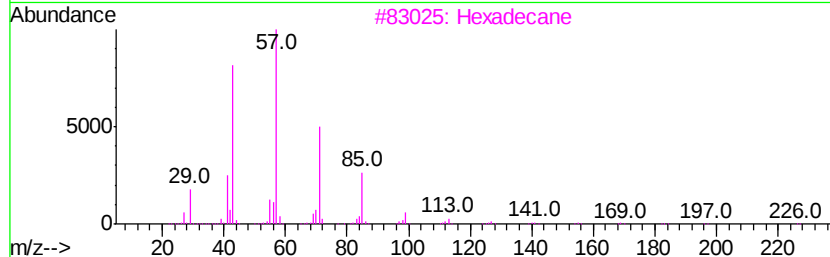
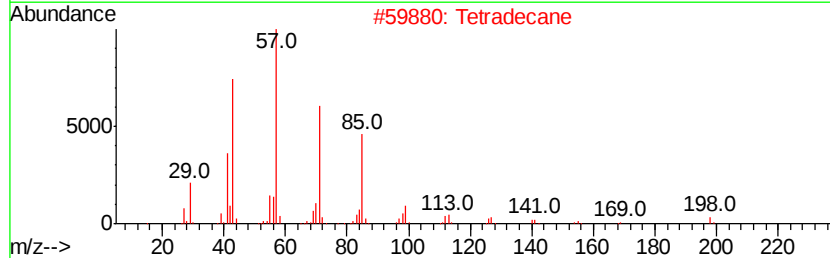
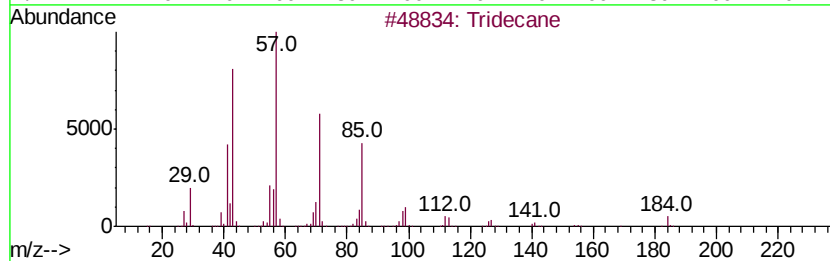
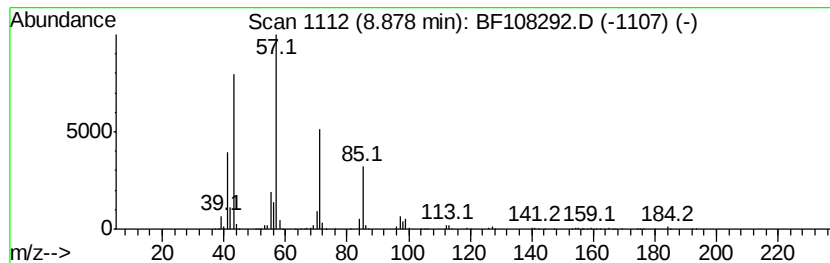
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	82.78 ng	6410060	Naphthalene-d8	8.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Tetradecane		198	C14H30	000629-59-4	86
3	Hexadecane		226	C16H34	000544-76-3	78
4	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	78
5	Heptadecane		240	C17H36	000629-78-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

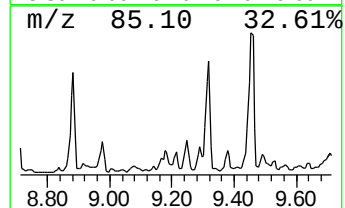
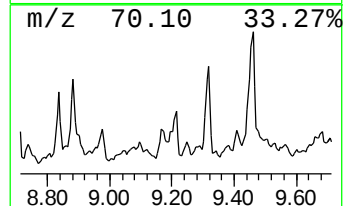
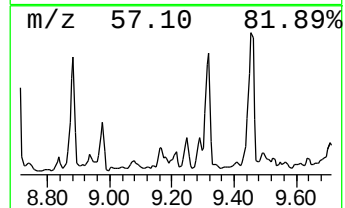
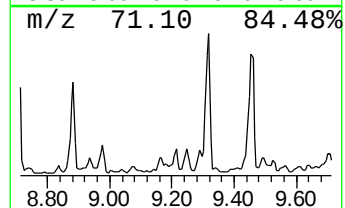
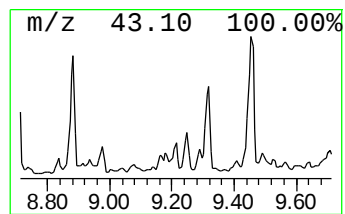
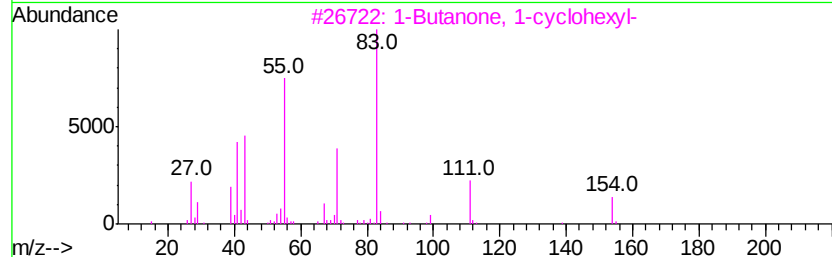
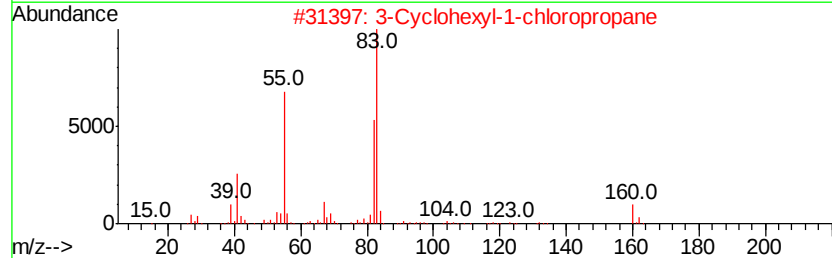
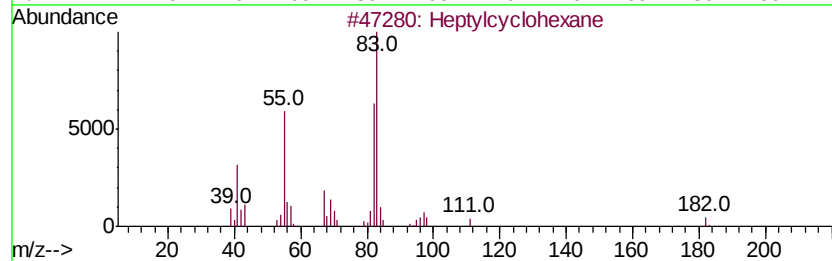
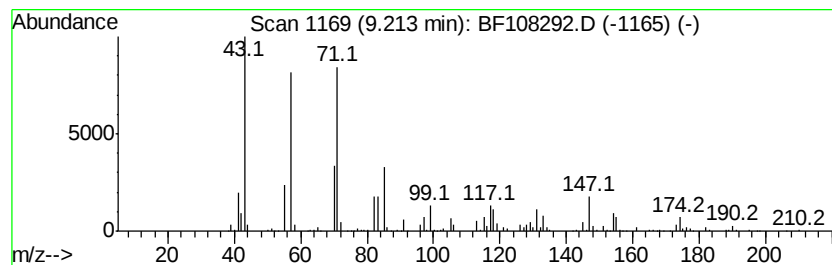
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	50.95 ng	2637280	Acenaphthene-d10	10.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	50
2			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	47
3			1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	47
4			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

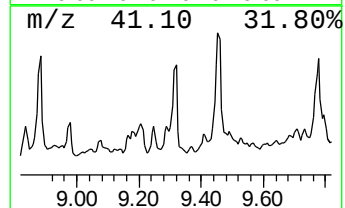
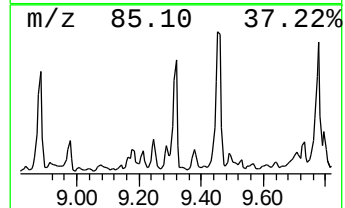
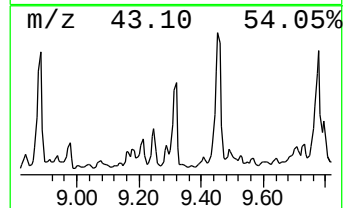
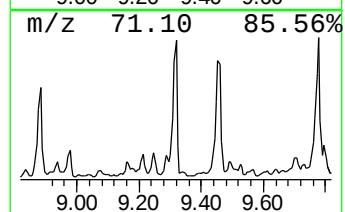
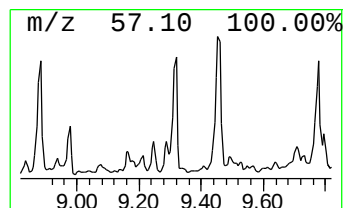
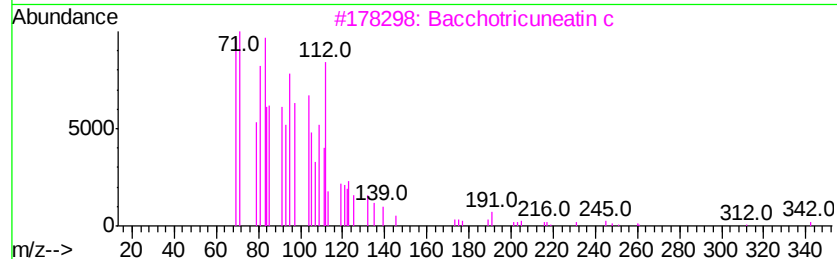
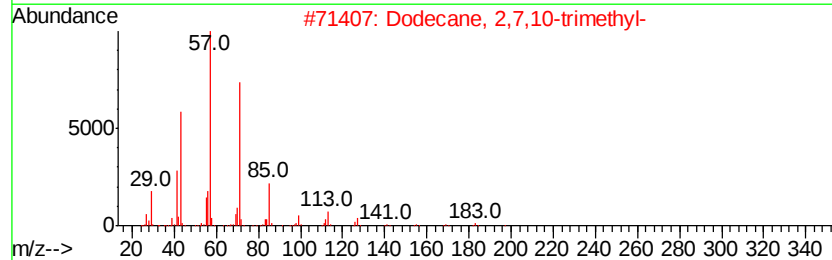
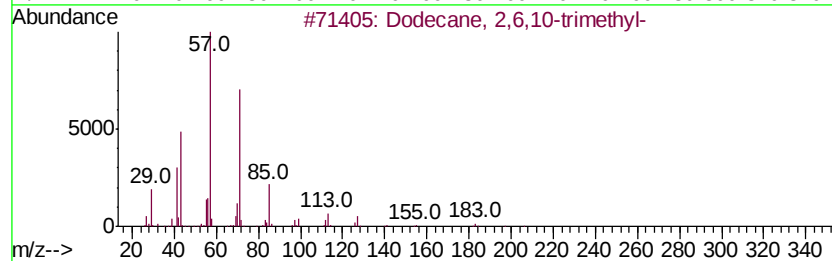
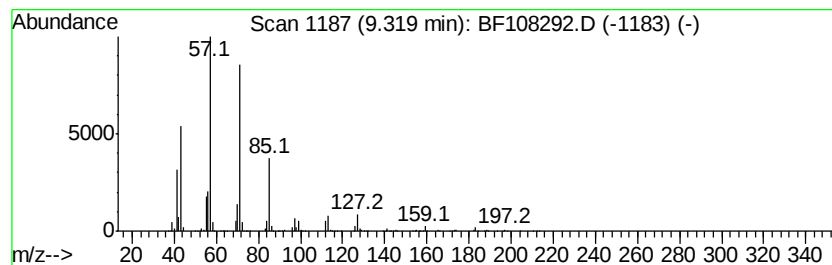
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	145.72 ng	7543100	Acenaphthene-d10	10.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

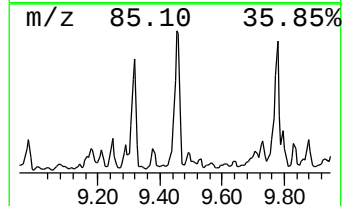
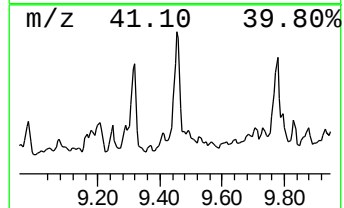
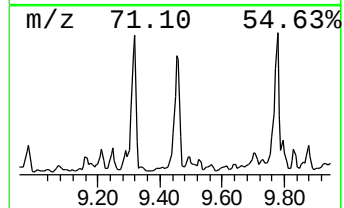
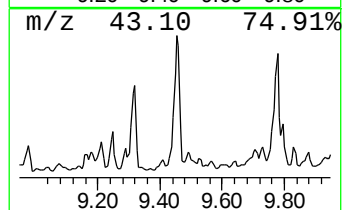
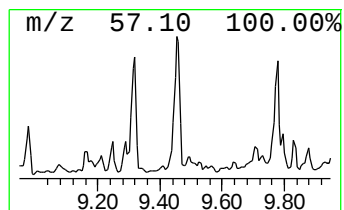
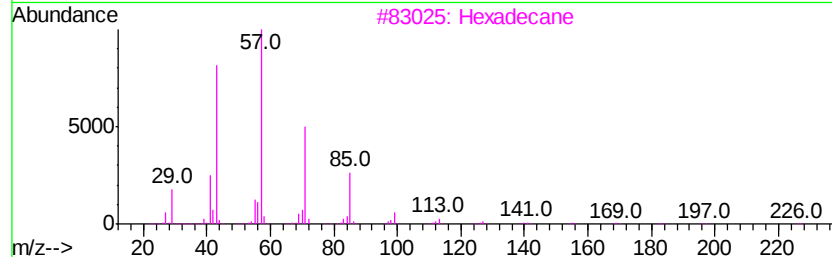
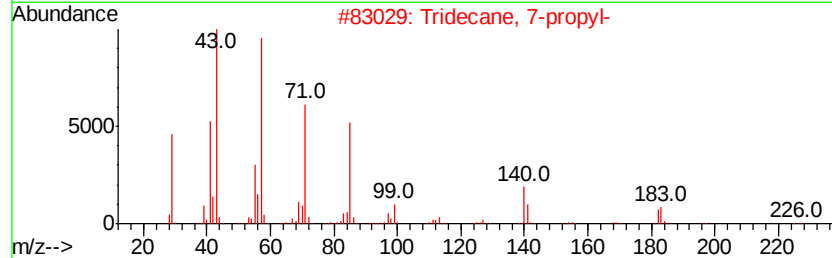
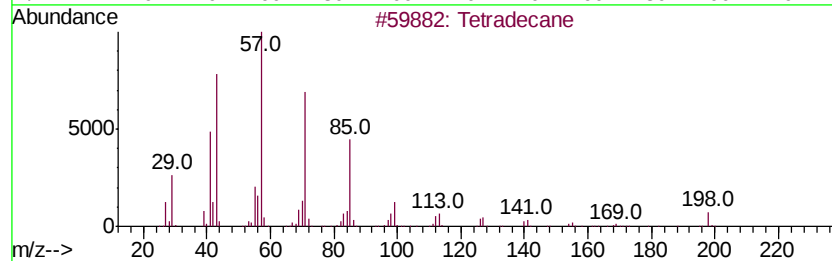
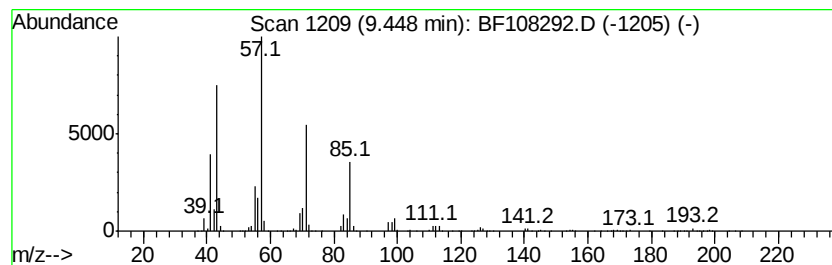
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	192.32 ng	9955230	Acenaphthene-d10	10.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
3		Hexadecane	226	C16H34	000544-76-3	80
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

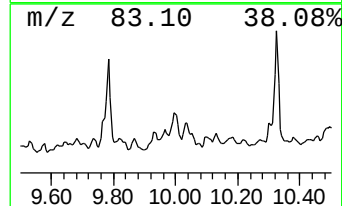
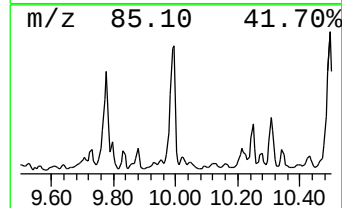
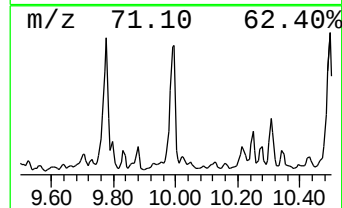
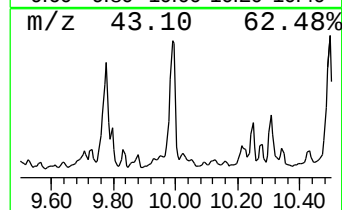
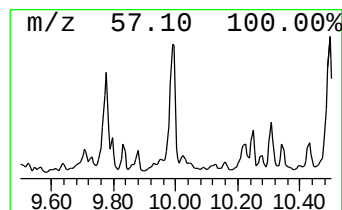
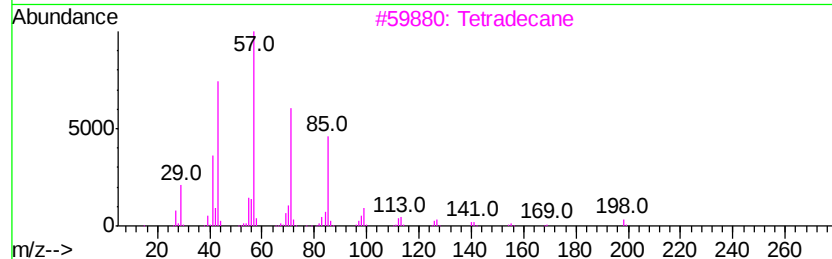
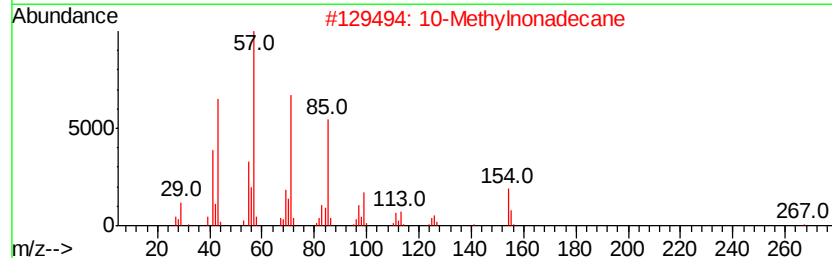
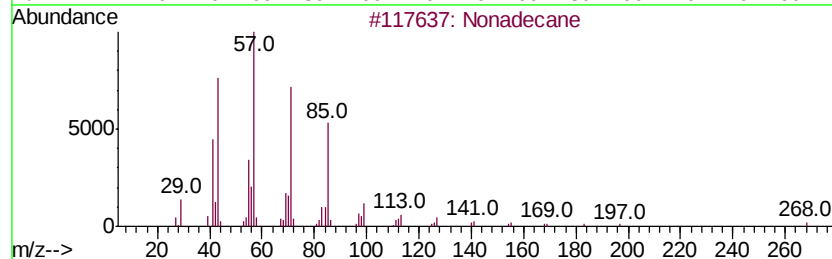
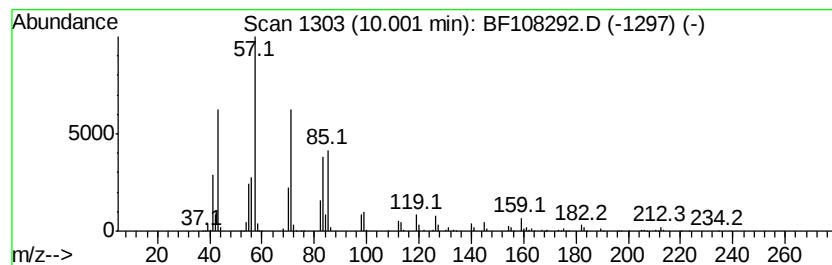
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	168.88 ng	8742190	Acenaphthene-d10	10.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	10-Methylnonadecane		282	C20H42	056862-62-5	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	9-methylheptadecane		254	C18H38	026741-18-4	90
5	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108292.D
 Acq On : 20 Aug 2018 16:16
 Operator : JU/SJ
 Sample : J4537-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

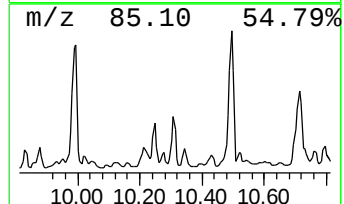
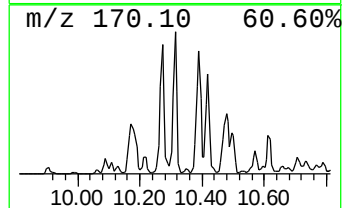
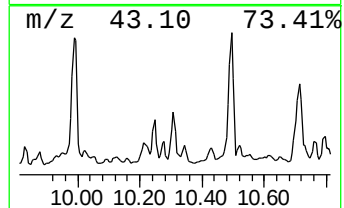
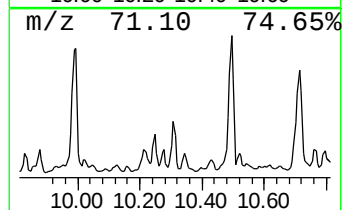
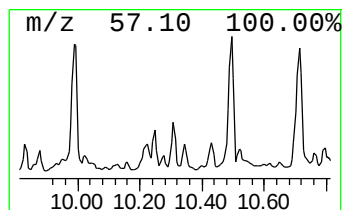
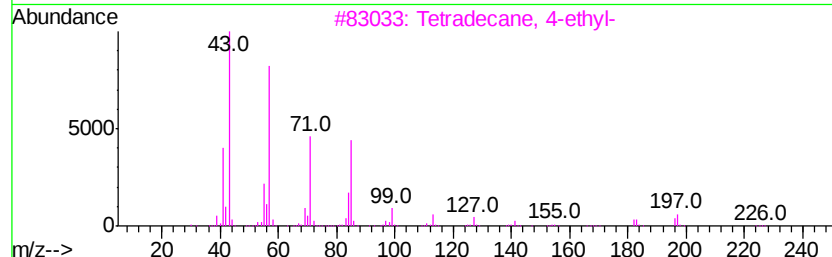
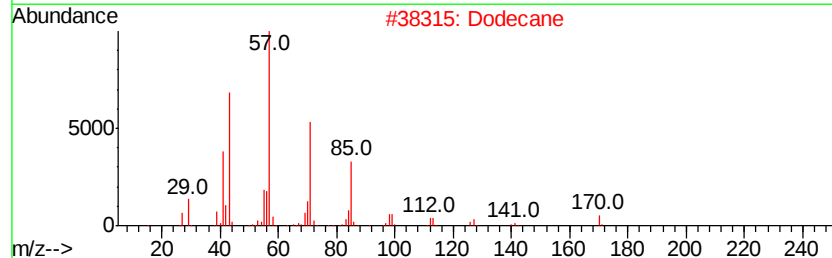
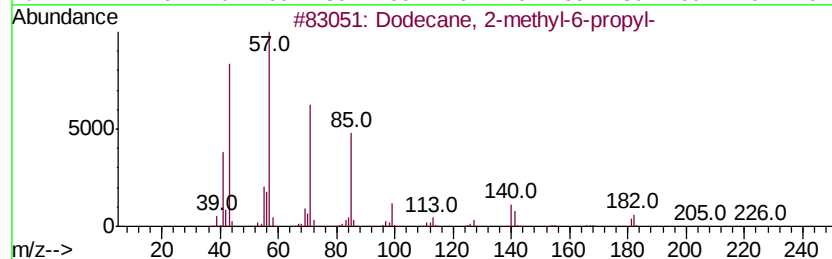
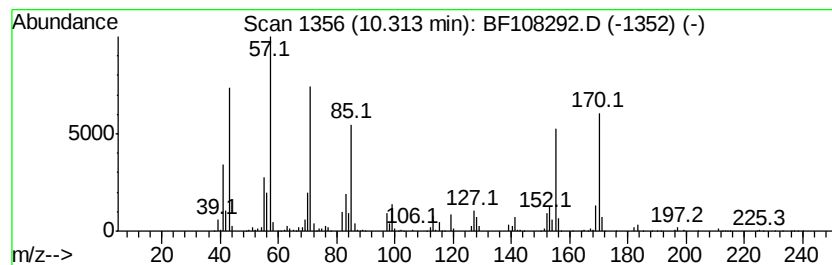
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	93.40 ng	4834820	Acenaphthene-d10	10.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	89
2		Dodecane	170	C12H26	000112-40-3	87
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	70
4		Heneicosane	296	C21H44	000629-94-7	68
5		Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

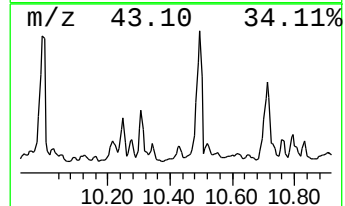
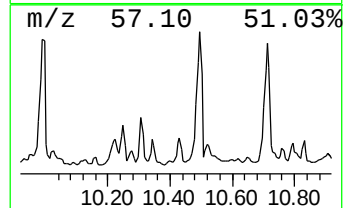
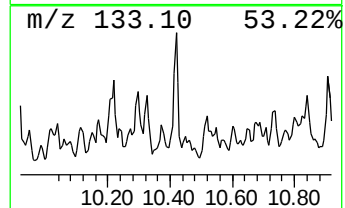
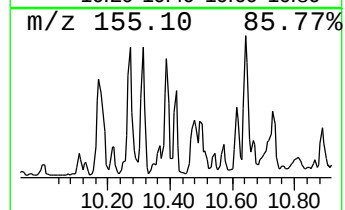
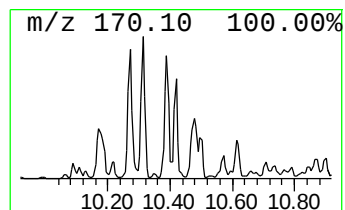
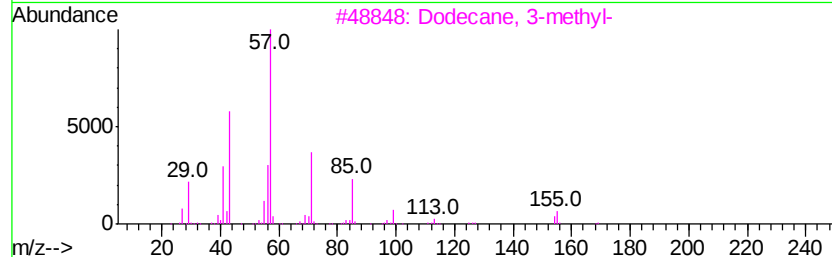
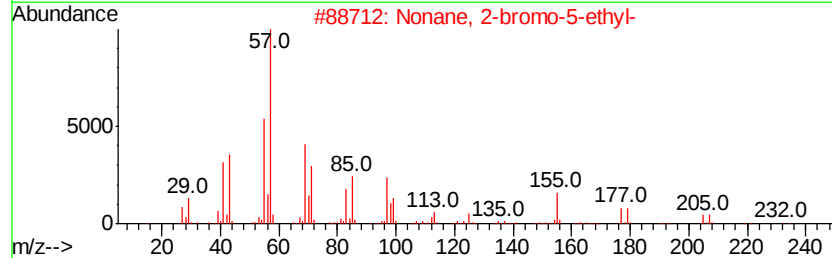
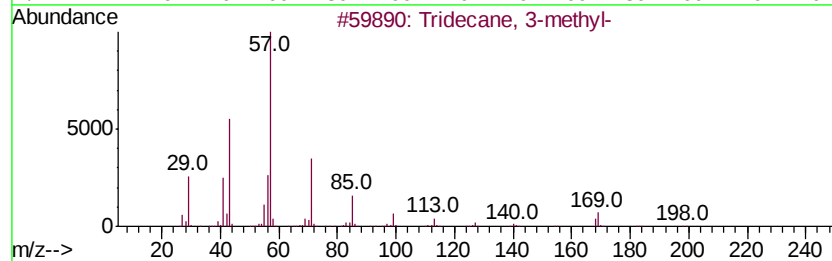
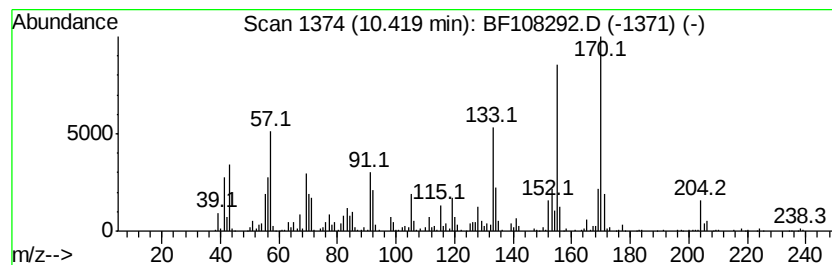
Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	48.53 ng	2512130	Acenaphthene-d10	10.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2	Nonane, 2-bromo-5-ethyl-	234	C11H23Br	055162-38-4	58
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	43
5	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

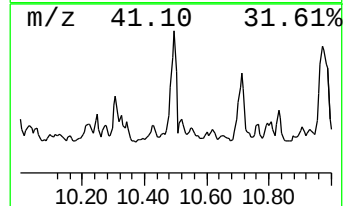
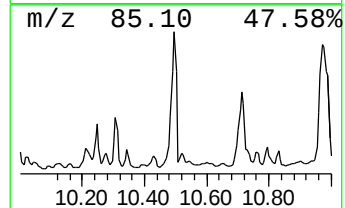
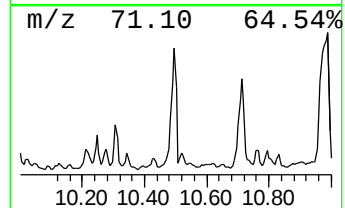
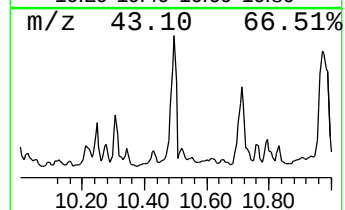
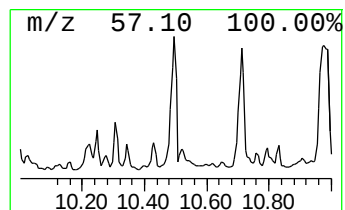
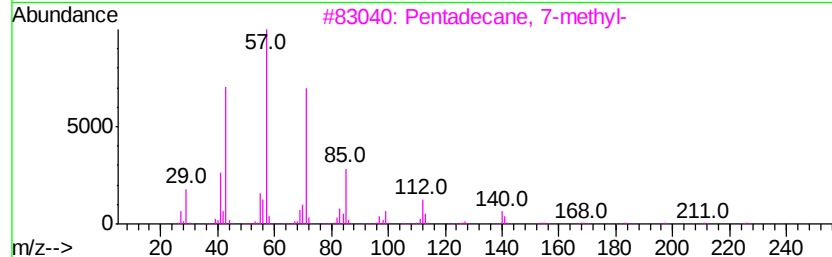
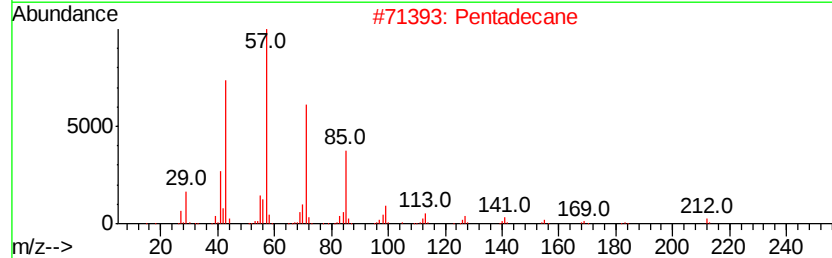
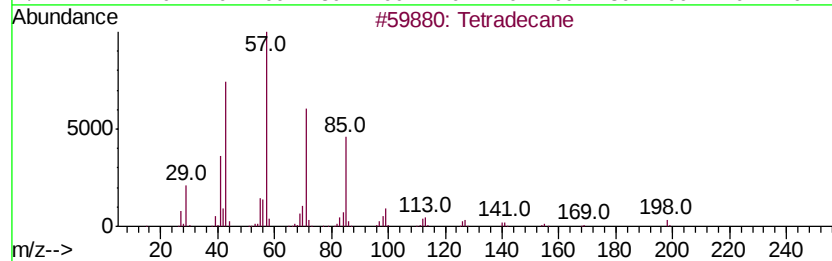
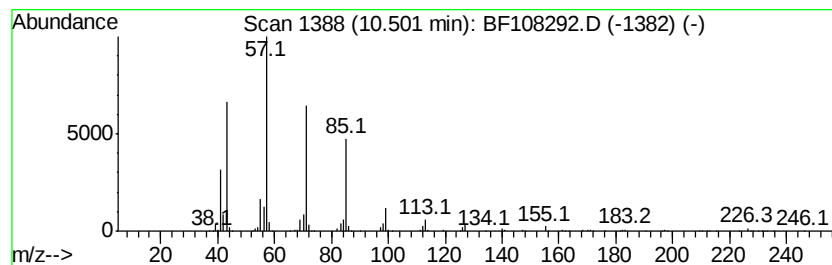
Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	180.31 ng	9333770	Acenaphthene-d10	10.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Pentadecane	212 C15H32	000629-62-9 90
3		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 87
4		Hexadecane	226 C16H34	000544-76-3 87
5		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

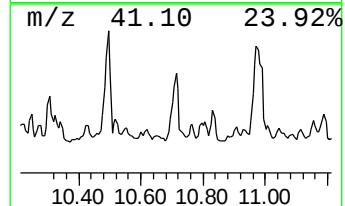
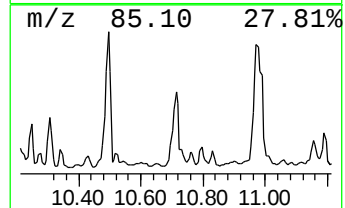
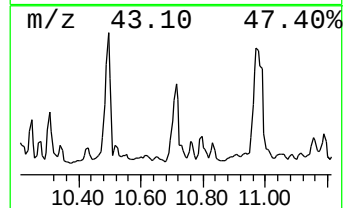
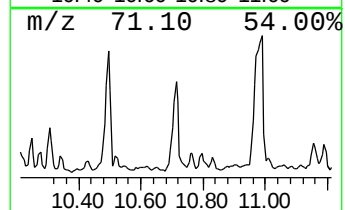
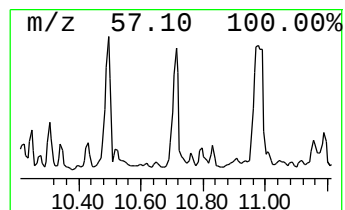
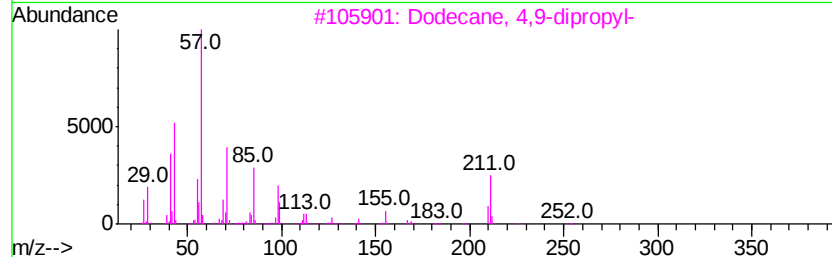
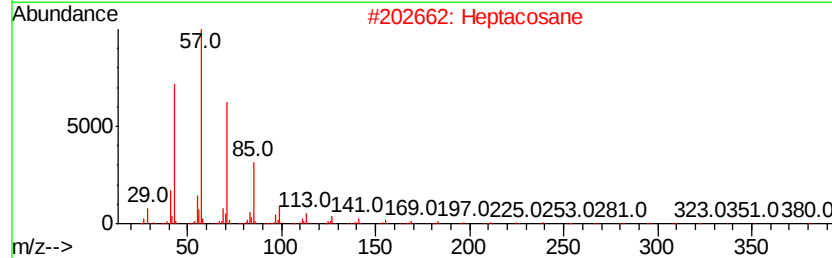
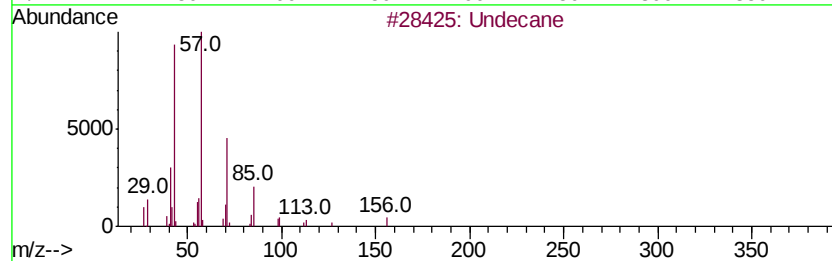
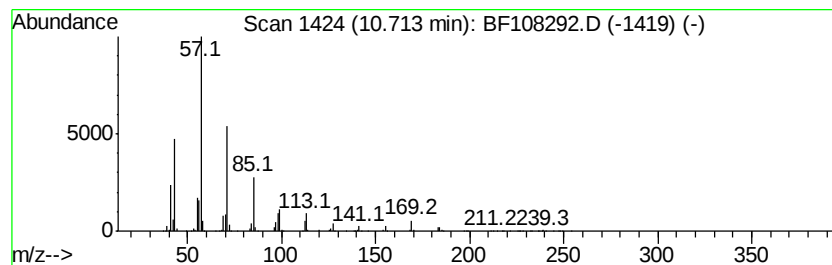
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	158.67 ng	8213640	Acenaphthene-d10	10.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Heptacosane	380	C27H56	000593-49-7	83
3		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	80
4		Hexadecane	226	C16H34	000544-76-3	72
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

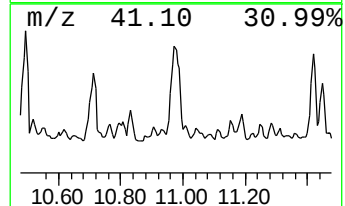
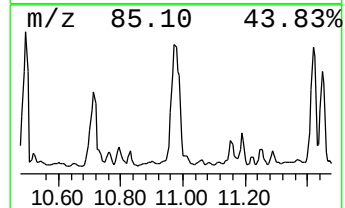
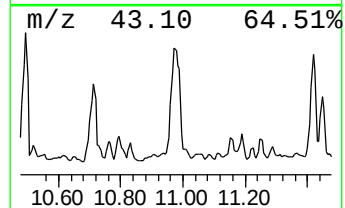
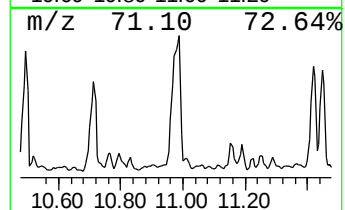
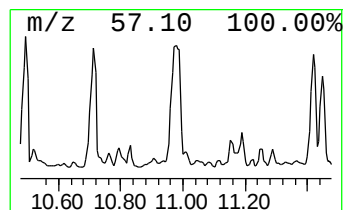
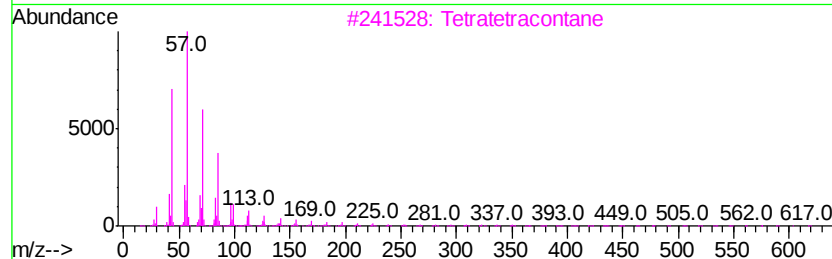
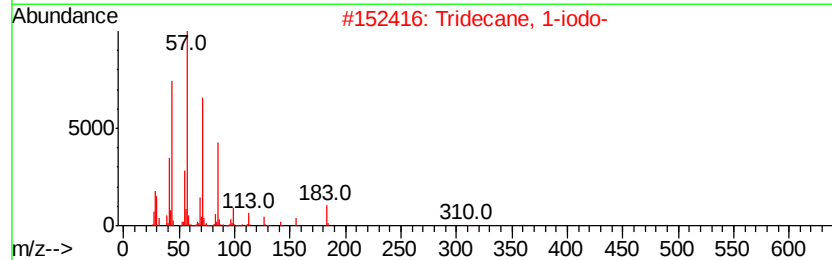
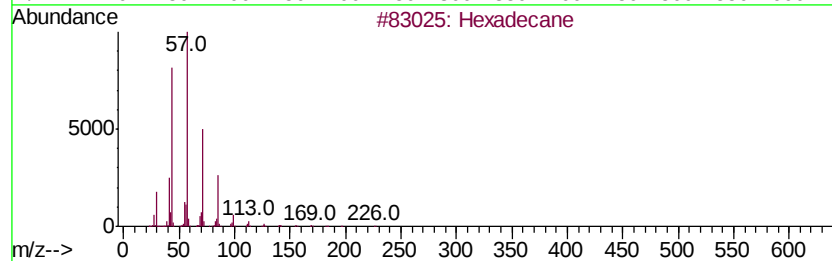
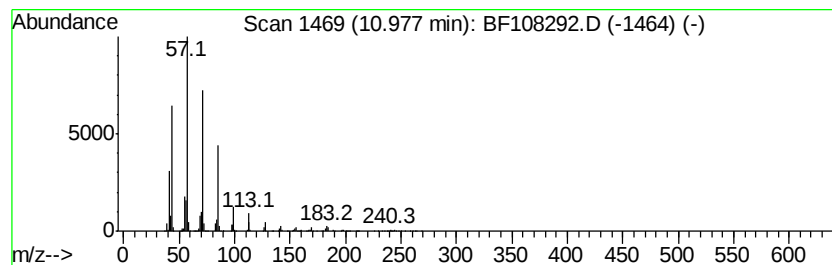
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	99.24 ng	10884500	Phenanthrene-d10	11.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Tetratetracontane	619	C44H90	007098-22-8	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

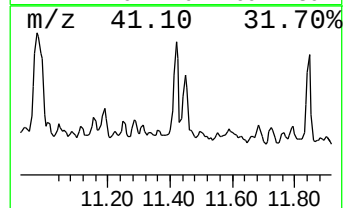
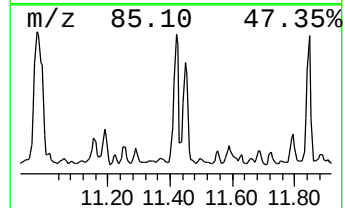
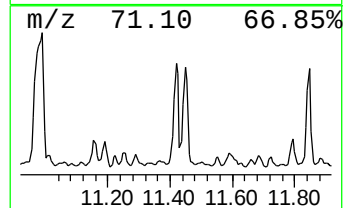
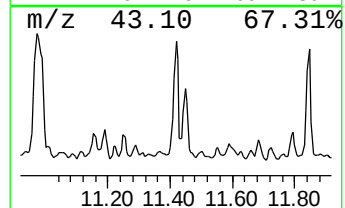
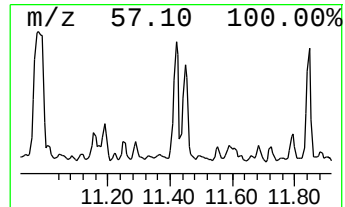
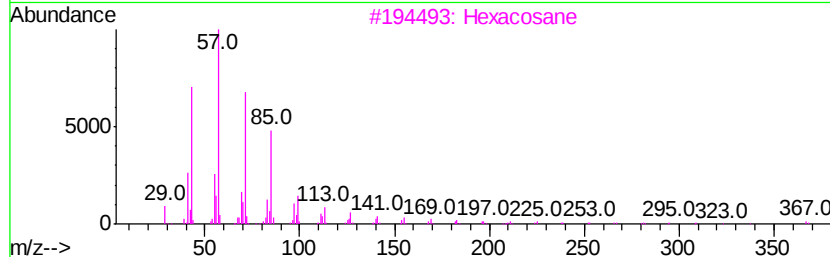
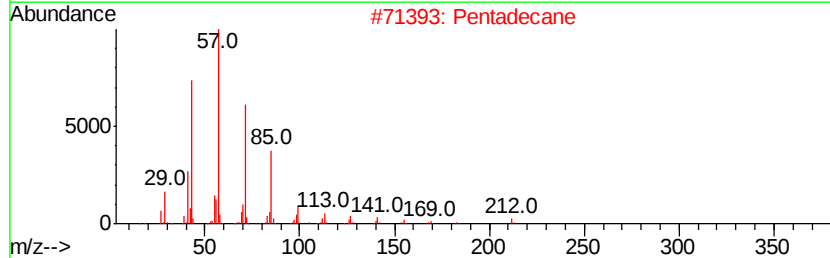
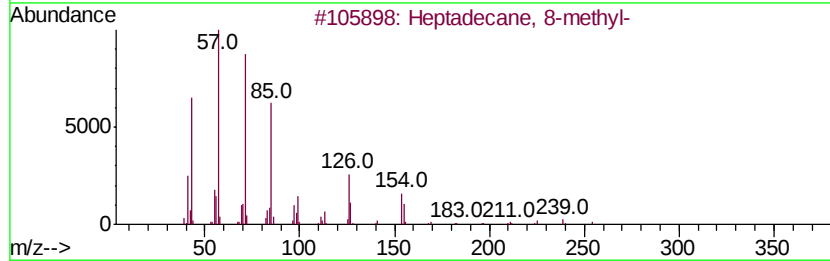
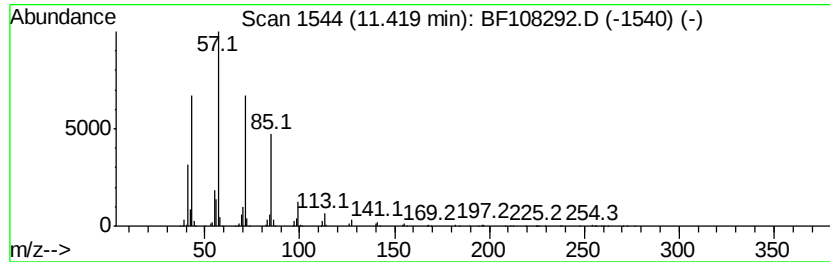
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 8-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	57.83 ng	6342690	Phenanthrene-d10	11.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexacosane	366	C26H54	000630-01-3	83
4		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	83
5		Decane, 3-methyl-	156	C11H24	013151-34-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

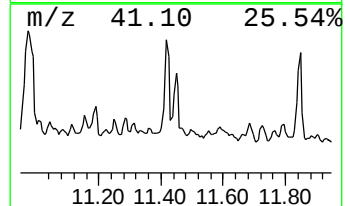
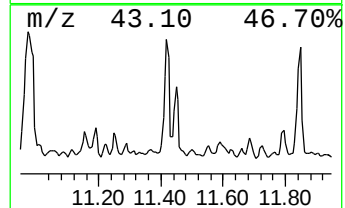
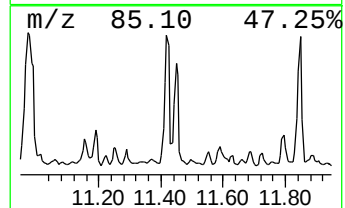
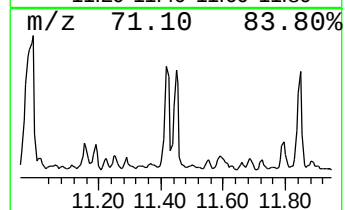
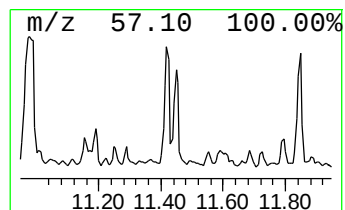
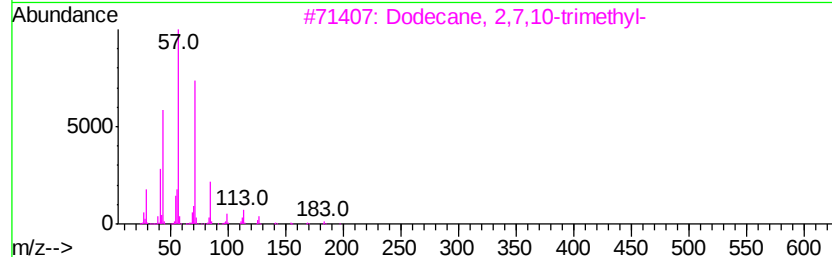
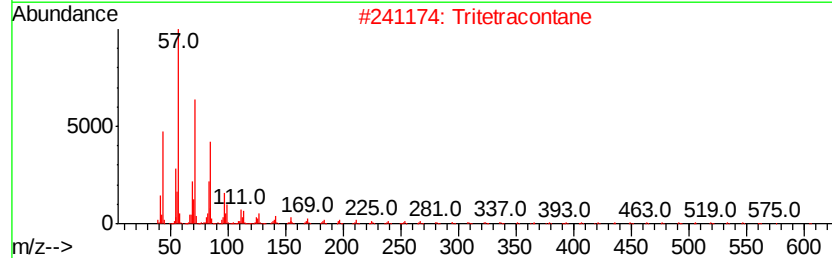
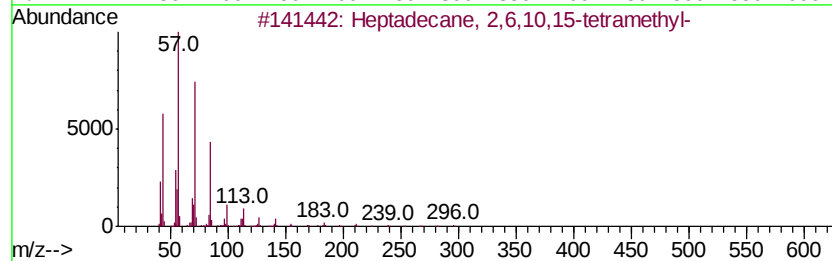
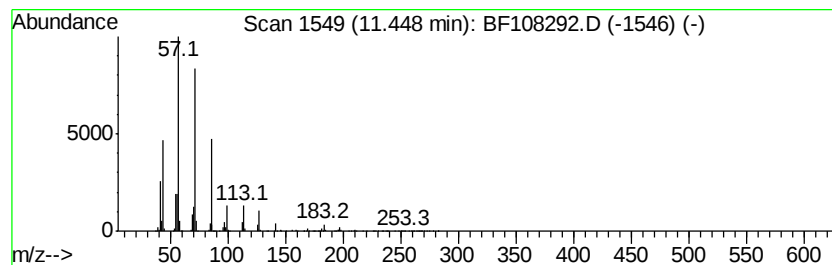
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	43.02 ng	4718450	Phenanthrene-d10	11.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Tritetracontane	605	C43H88	007098-21-7	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

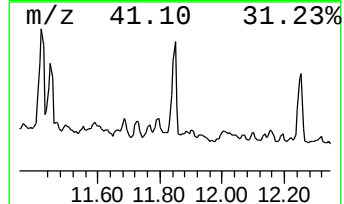
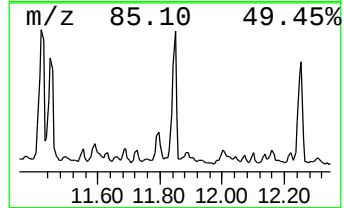
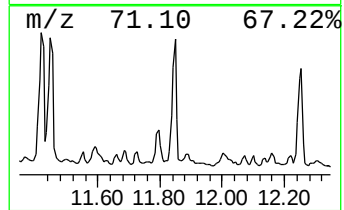
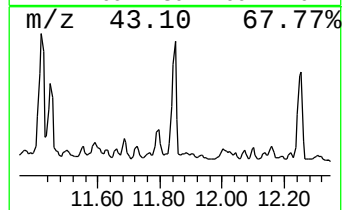
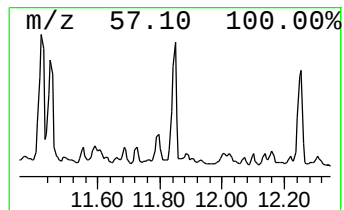
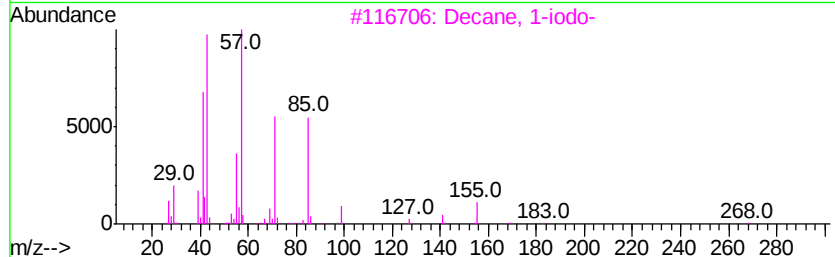
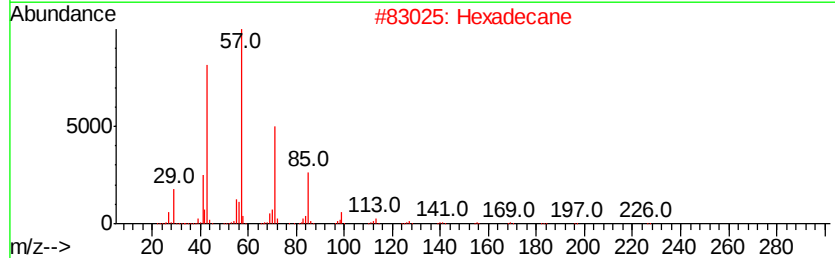
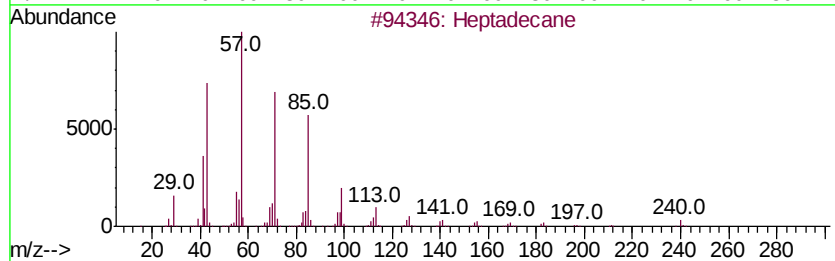
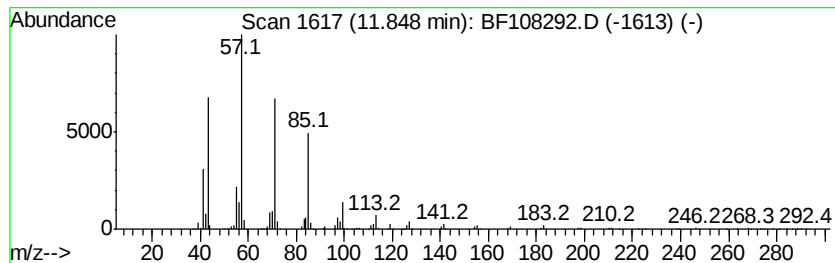
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	61.64 ng	6761030	Phenanthrene-d10	11.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Decane, 1-iodo-		268	C10H21I	002050-77-3	87
4	Tetradecane		198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

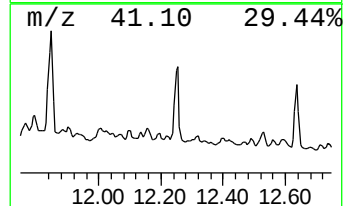
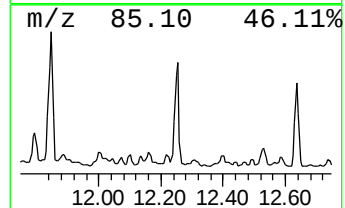
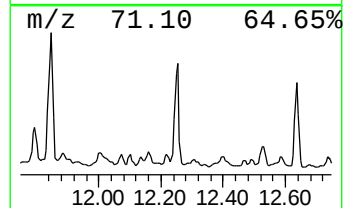
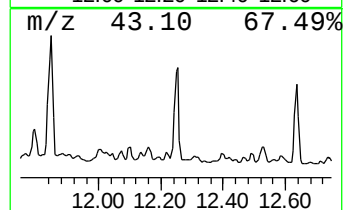
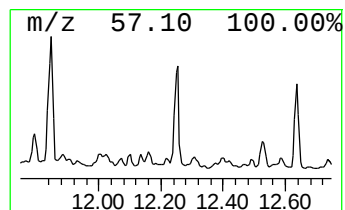
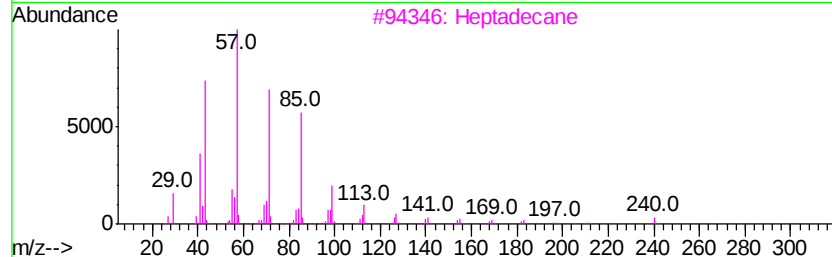
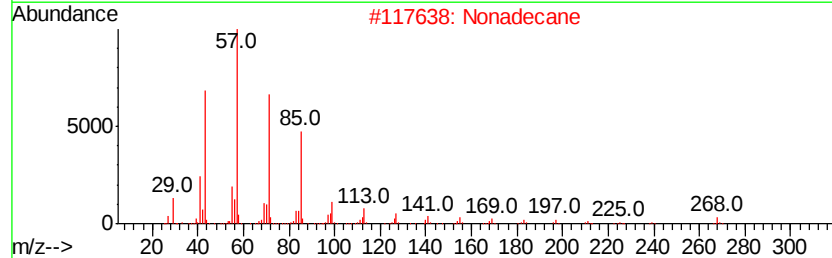
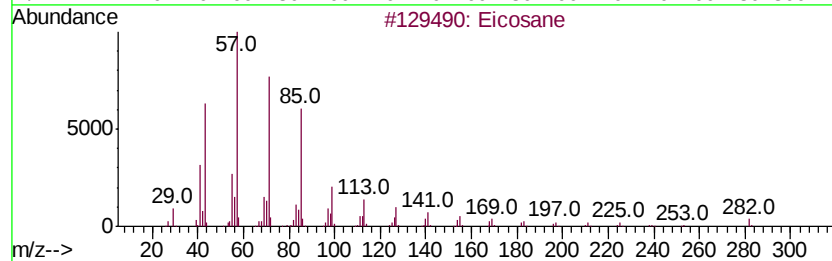
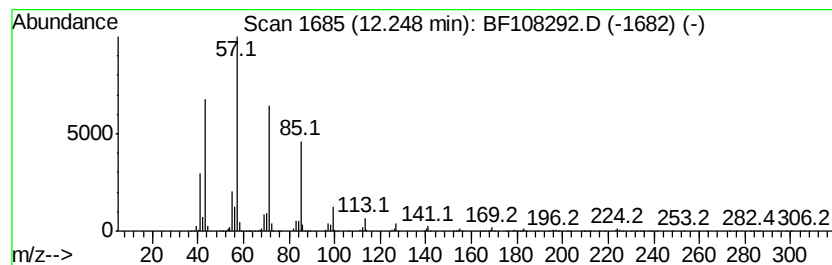
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	42.92 ng	4708150	Phenanthrene-d10	11.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heptacosane	380	C27H56	000593-49-7	83
5		Hexadecane	226	C16H34	000544-76-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

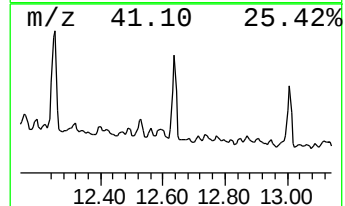
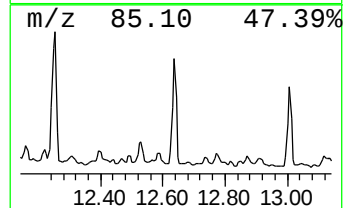
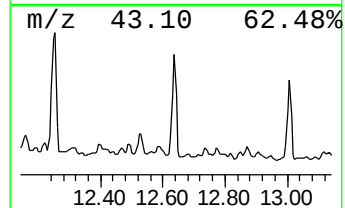
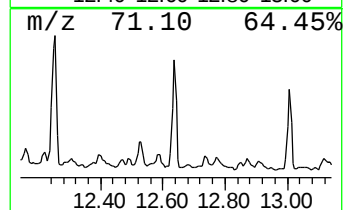
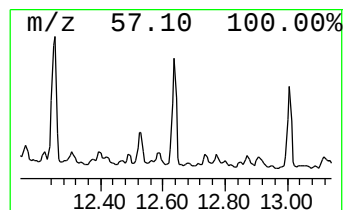
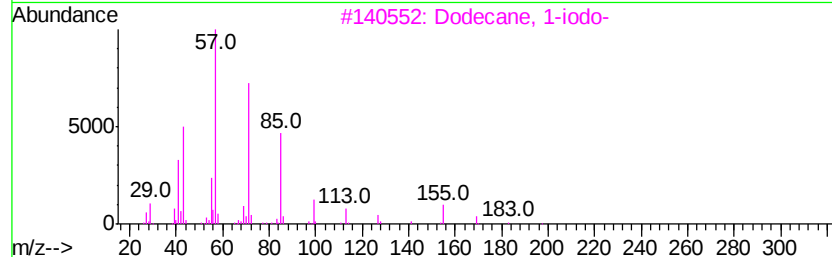
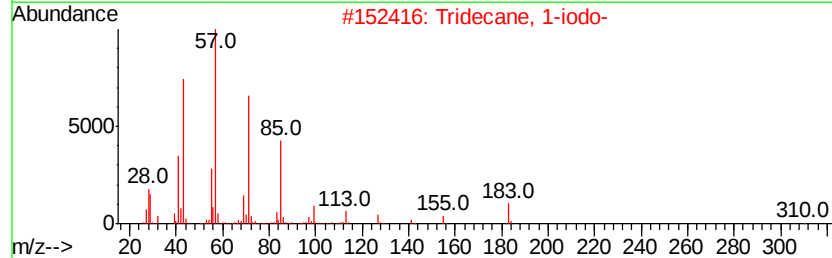
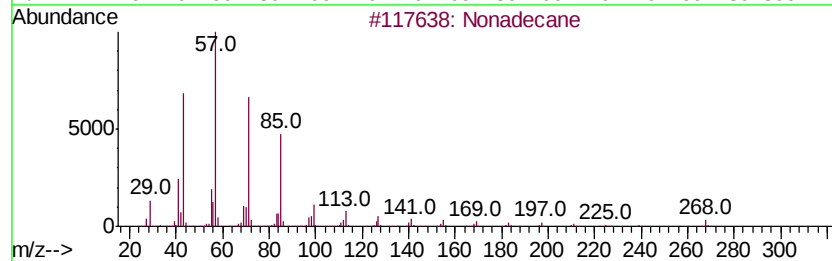
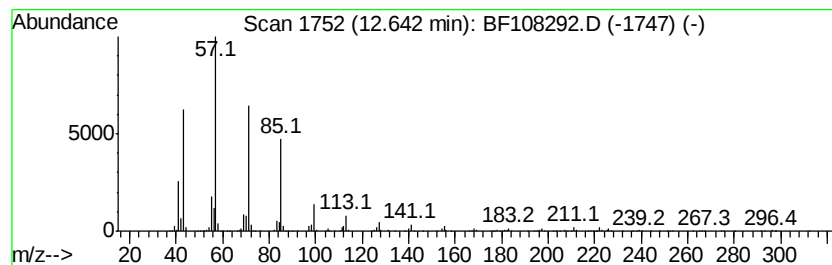
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	38.97 ng	4274250	Phenanthrene-d10	11.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	78
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

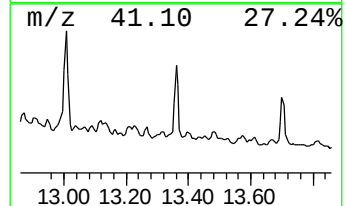
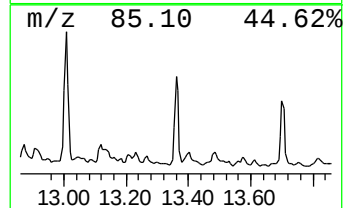
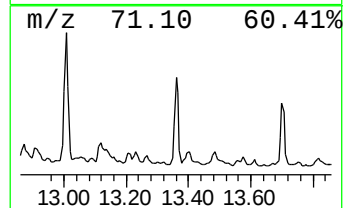
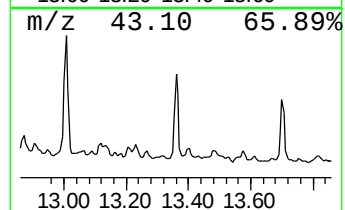
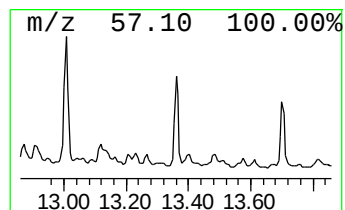
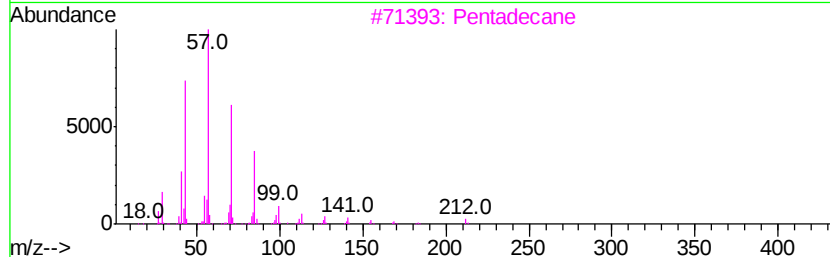
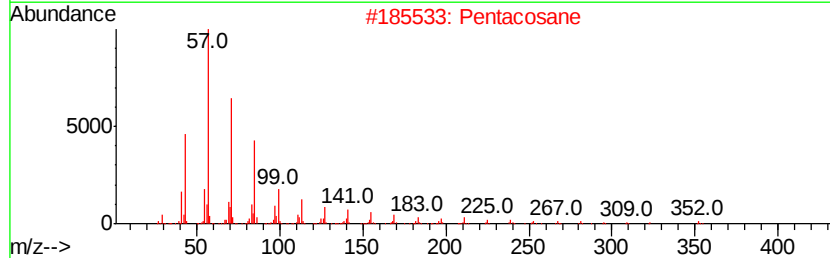
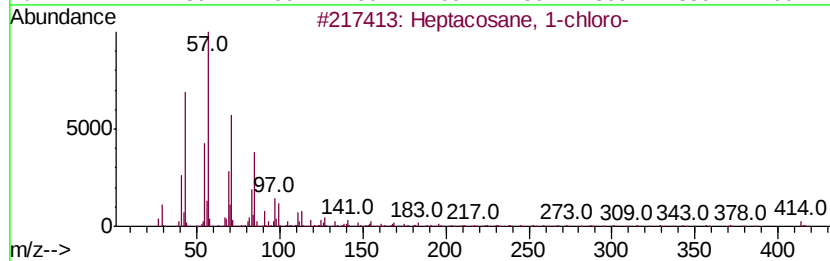
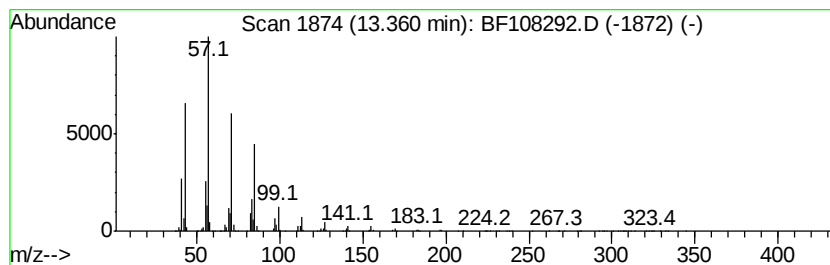
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane, 1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	37.97 ng	2091130	Chrysene-d12	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Pentadecane	212	C15H32	000629-62-9	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108292.D
 Acq On : 20 Aug 2018 16:16
 Operator : JU/SJ
 Sample : J4537-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.79	6.79	54.6	ng	4290230	1	7.02	1571980	20.0
Cyclohexane, (2-m...	8.58	49.1	ng	3802930	2	8.30	1548610	20.0
Decane, 2,6,7-tri...	8.71	54.8	ng	4243390	2	8.30	1548610	20.0
Tridecane	8.88	82.8	ng	6410060	2	8.30	1548610	20.0
Heptylcyclohexane	9.21	51.0	ng	2637280	3	10.07	1035290	20.0
Dodecane, 2,6,10-...	9.32	145.7	ng	7543100	3	10.07	1035290	20.0
Tetradecane	9.45	192.3	ng	9955230	3	10.07	1035290	20.0
Nonadecane	10.00	168.9	ng	8742190	3	10.07	1035290	20.0
Dodecane, 2-methy...	10.31	93.4	ng	4834820	3	10.07	1035290	20.0
Tridecane, 3-methyl-	10.42	48.5	ng	2512130	3	10.07	1035290	20.0
Pentadecane	10.50	180.3	ng	9333770	3	10.07	1035290	20.0
Undecane	10.71	158.7	ng	8213640	3	10.07	1035290	20.0
Hexadecane	10.98	99.2	ng	10884500	4	11.58	2193680	20.0
Heptadecane, 8-me...	11.42	57.8	ng	6342690	4	11.58	2193680	20.0
Heptadecane, 2,6,...	11.45	43.0	ng	4718450	4	11.58	2193680	20.0
Heptadecane	11.85	61.6	ng	6761030	4	11.58	2193680	20.0
Eicosane	12.25	42.9	ng	4708150	4	11.58	2193680	20.0
Tridecane, 1-iodo-	12.64	39.0	ng	4274250	4	11.58	2193680	20.0
Heptacosane, 1-ch...	13.36	38.0	ng	2091130	5	14.22	1101380	20.0