

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098020.D
 Acq On : 24 Aug 2017 23:47
 Operator : SJ/JU
 Sample : I4920-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.946	482	486	498	rVB	232516	370926	9.40%	1.065%
2	5.351	549	555	558	rBV	3378029	3765868	95.46%	10.814%
3	6.381	724	730	733	rBV	3347093	3944854	100.00%	11.328%
4	6.510	747	752	755	rVB	3514116	3672876	93.11%	10.547%
5	6.740	787	791	794	rBV	925445	780526	19.79%	2.241%
6	6.898	813	818	821	rBV	2857476	2791358	70.76%	8.016%
7	7.134	854	858	862	rBV3	38455	40377	1.02%	0.116%
8	7.304	876	887	890	rBV	2257747	2499616	63.36%	7.178%
9	7.340	890	893	896	rVV2	49942	50616	1.28%	0.145%
10	7.387	896	901	904	rVB4	44219	58018	1.47%	0.167%
11	7.545	925	928	932	rVB3	46516	47466	1.20%	0.136%
12	7.657	946	947	952	rVB5	38520	43130	1.09%	0.124%
13	8.022	1003	1009	1012	rBV	1126794	1020871	25.88%	2.932%
14	8.087	1018	1020	1022	rVB	56861	40409	1.02%	0.116%
15	8.316	1054	1059	1062	rBV6	37455	48755	1.24%	0.140%
16	8.445	1077	1081	1083	rBV	74518	74337	1.88%	0.213%
17	8.616	1107	1110	1113	rBV	71244	61554	1.56%	0.177%
18	8.710	1123	1126	1132	rVB4	33038	48909	1.24%	0.140%
19	8.845	1139	1149	1151	rBV7	29401	57536	1.46%	0.165%
20	9.045	1180	1183	1187	rBV	75775	64756	1.64%	0.186%
21	9.098	1187	1192	1195	rBV	3483049	3501695	88.77%	10.055%
22	9.181	1201	1206	1211	rBV2	103434	131818	3.34%	0.379%
23	9.434	1246	1249	1251	rBV2	44470	39961	1.01%	0.115%
24	9.492	1255	1259	1263	rBV	613824	595441	15.09%	1.710%
25	9.710	1294	1296	1300	rVB	125832	96688	2.45%	0.278%
26	9.775	1300	1307	1310	rBV	927797	946500	23.99%	2.718%
27	9.945	1329	1336	1338	rBV7	25269	53072	1.35%	0.152%
28	9.975	1338	1341	1343	rVB	59370	54567	1.38%	0.157%
29	10.034	1349	1351	1355	rVB2	51123	46925	1.19%	0.135%
30	10.210	1378	1381	1384	rVB	189296	142389	3.61%	0.409%
31	10.316	1396	1399	1401	rBV2	39259	40131	1.02%	0.115%
32	10.428	1412	1418	1424	rBV	121480	164941	4.18%	0.474%
33	10.557	1435	1440	1444	rBV	1755304	1764517	44.73%	5.067%
34	10.681	1458	1461	1469	rBV2	292456	410899	10.42%	1.180%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
 Data File : BF098020.D
 Acq On : 24 Aug 2017 23:47
 Operator : SJ/JU
 Sample : I4920-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.128	1534	1537	1540	rBV	215338	184738	4.68%	0.530%
36	11.157	1540	1542	1548	rVB2	118249	126297	3.20%	0.363%
37	11.251	1554	1558	1561	rBV	850419	795259	20.16%	2.284%
38	11.275	1561	1562	1565	rVV	215657	125745	3.19%	0.361%
39	11.322	1567	1570	1575	rVB2	61578	72524	1.84%	0.208%
40	11.557	1607	1610	1612	rBV	151001	129661	3.29%	0.372%
41	11.780	1646	1648	1651	rVB	69558	54940	1.39%	0.158%
42	11.863	1658	1662	1664	rBV2	61688	73403	1.86%	0.211%
43	11.963	1676	1679	1681	rBV	131475	106301	2.69%	0.305%
44	12.245	1722	1727	1730	rVV4	34537	59198	1.50%	0.170%
45	12.304	1734	1737	1739	rVV2	61148	60308	1.53%	0.173%
46	12.351	1742	1745	1748	rVB	132814	145808	3.70%	0.419%
47	12.457	1760	1763	1767	rBV	200087	193407	4.90%	0.555%
48	12.686	1799	1802	1806	rBV	159199	162353	4.12%	0.466%
49	12.722	1806	1808	1811	rVB	109595	80790	2.05%	0.232%
50	12.839	1824	1828	1832	rBV	2453433	2520747	63.90%	7.239%
51	13.074	1865	1868	1872	rVB2	129857	129037	3.27%	0.371%
52	13.416	1924	1926	1929	rBV2	120559	111616	2.83%	0.321%
53	13.739	1978	1981	1991	rVB2	294258	411706	10.44%	1.182%
54	13.886	2002	2006	2008	rBV	732610	743425	18.85%	2.135%
55	14.063	2034	2036	2040	rVB	146237	114865	2.91%	0.330%
56	14.369	2085	2088	2092	rBV	220266	257374	6.52%	0.739%
57	14.669	2136	2139	2141	rBV	136981	146389	3.71%	0.420%
58	14.986	2191	2193	2197	rVB	130607	124395	3.15%	0.357%
59	15.304	2243	2247	2250	rBV	386585	421186	10.68%	1.209%

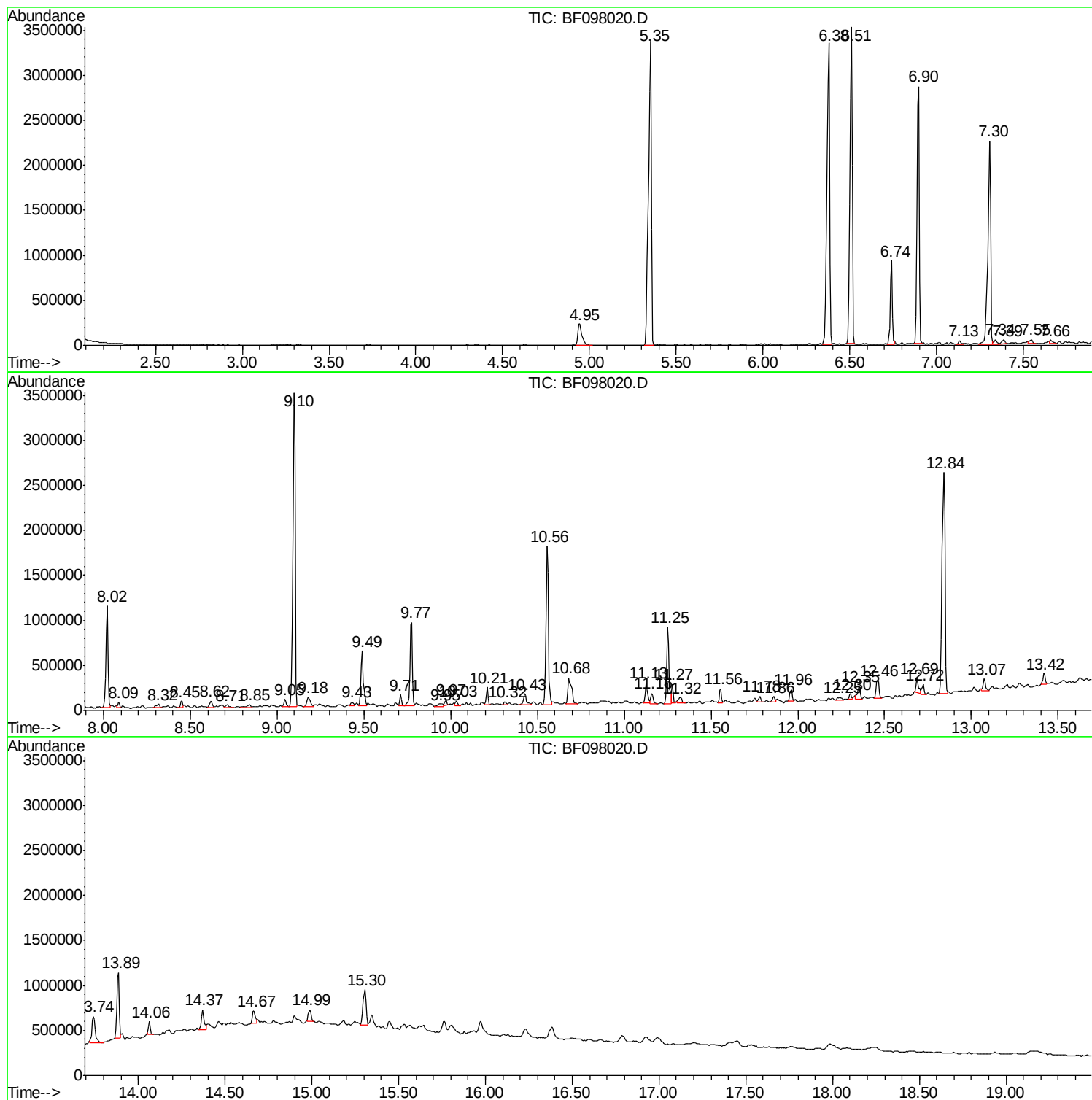
Sum of corrected areas: 34823774

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

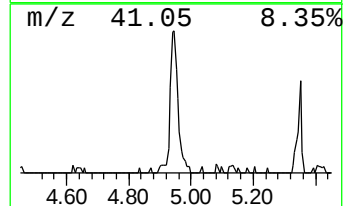
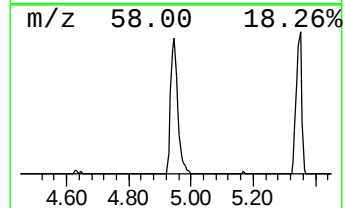
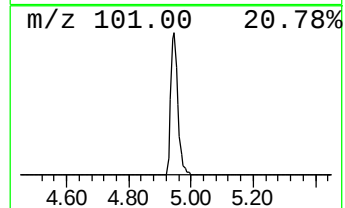
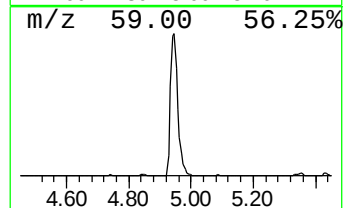
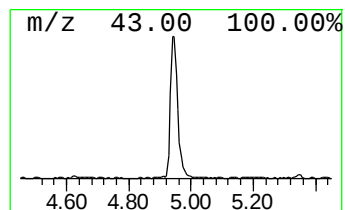
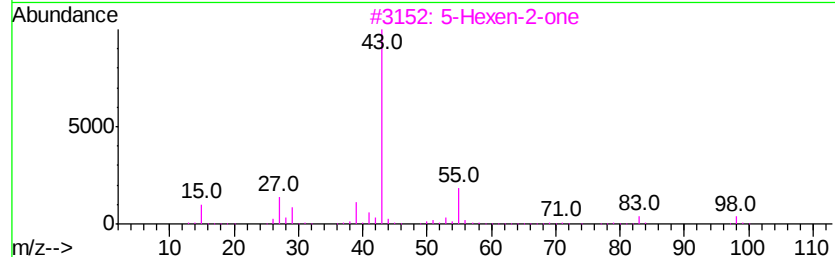
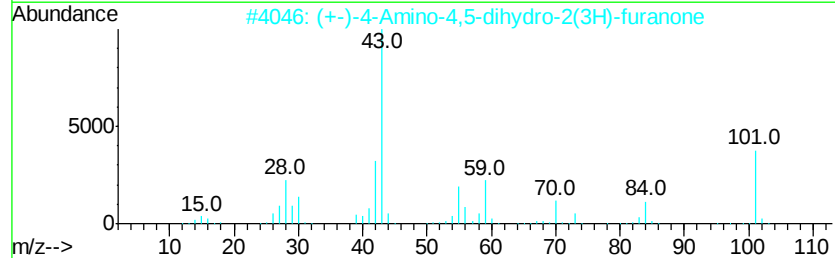
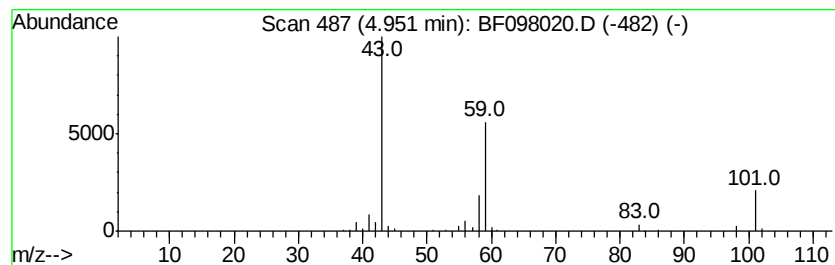
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	9.50 ng	370926	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

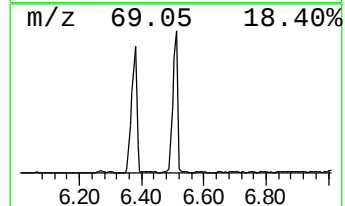
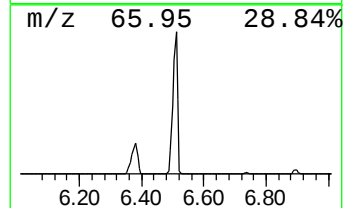
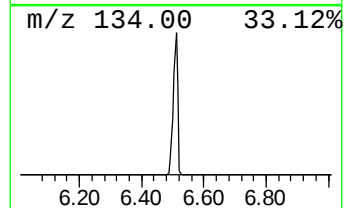
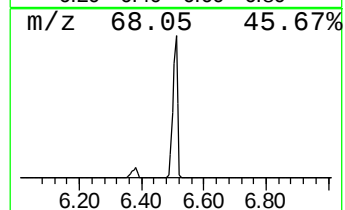
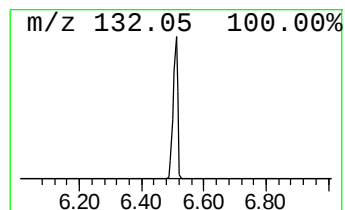
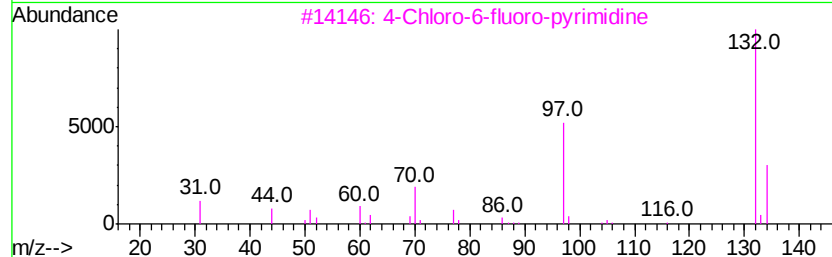
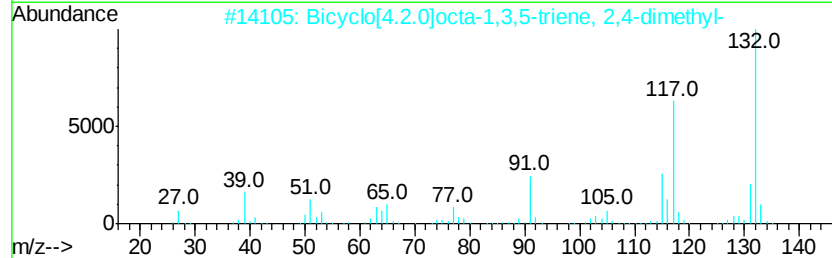
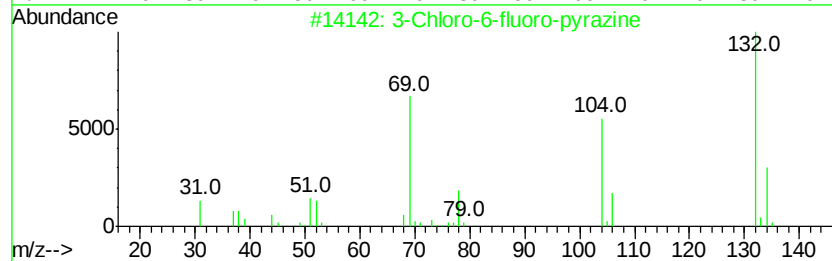
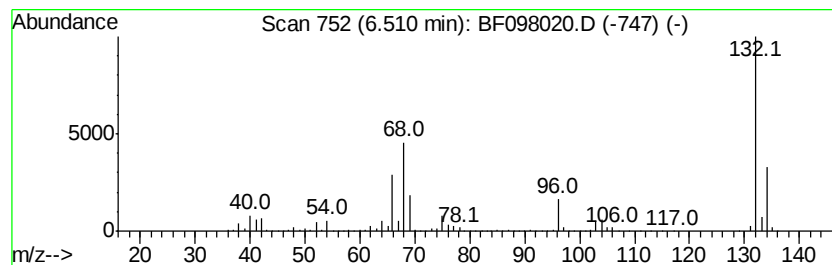
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	94.11 ng	3672880	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

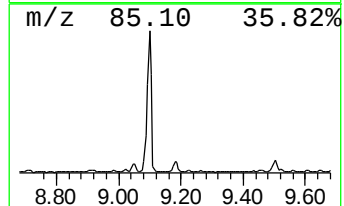
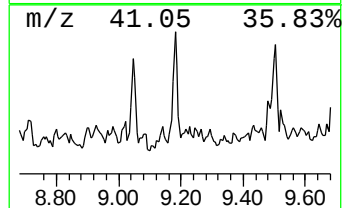
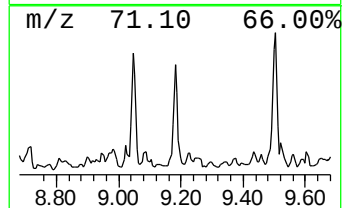
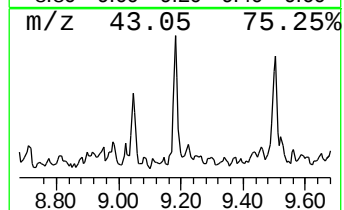
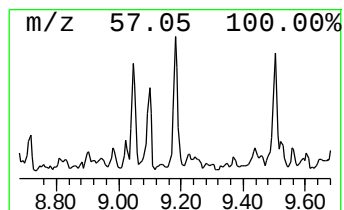
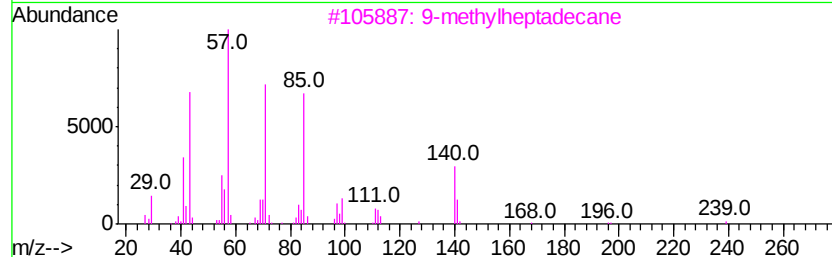
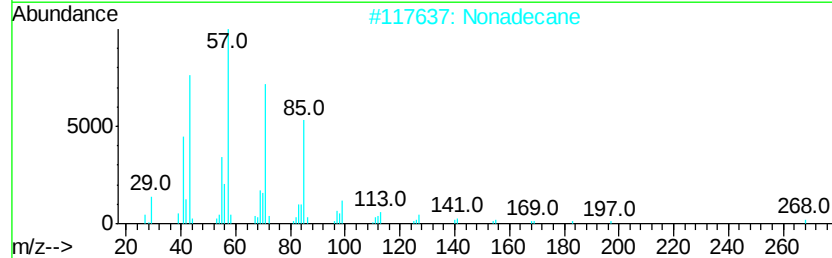
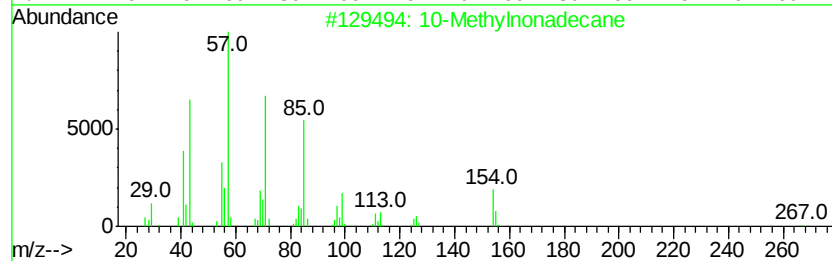
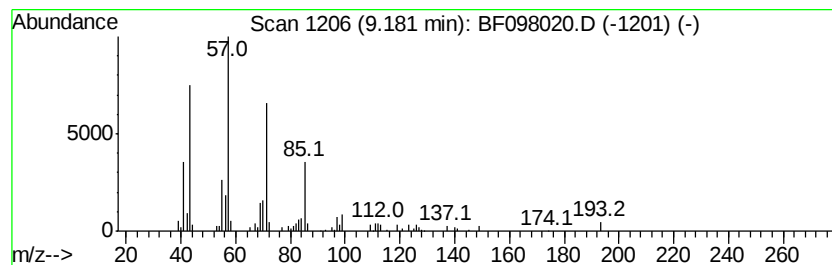
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 10-Methylnonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	2.79 ng	131818	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	83
2		Nonadecane	268	C19H40	000629-92-5	80
3		9-methylheptadecane	254	C18H38	026741-18-4	78
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

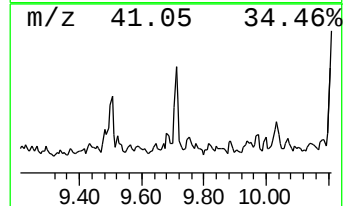
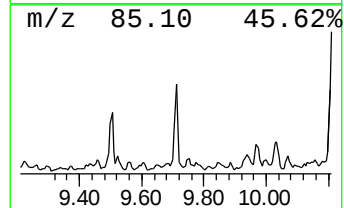
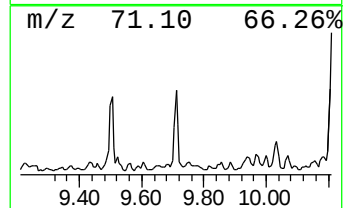
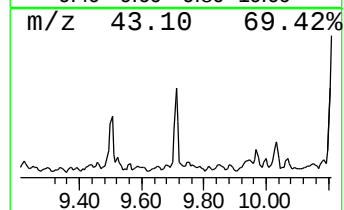
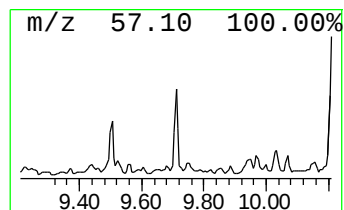
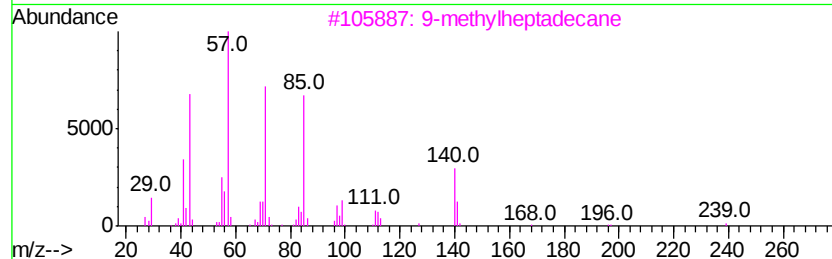
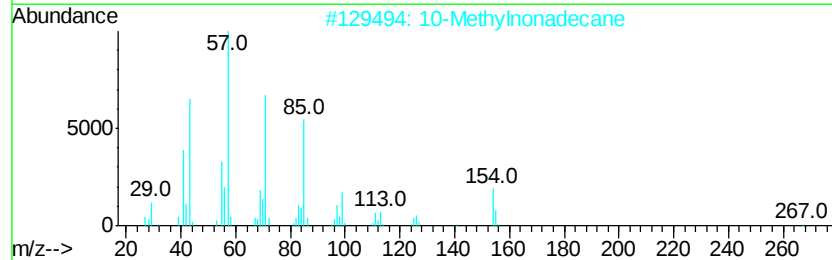
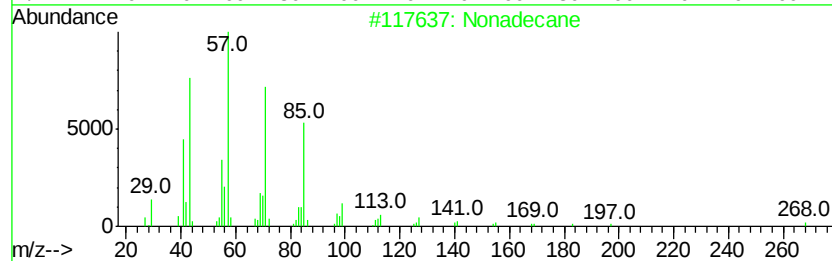
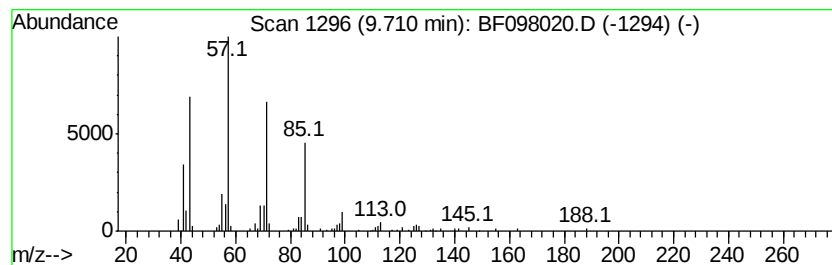
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.04 ng	96688	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			10-Methylnonadecane	282	C20H42	056862-62-5	90
3			9-methylheptadecane	254	C18H38	026741-18-4	90
4			Pentadecane	212	C15H32	000629-62-9	83
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

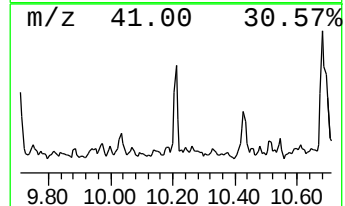
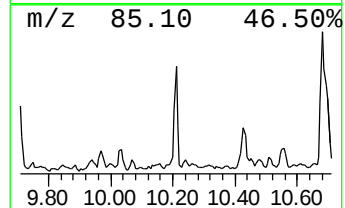
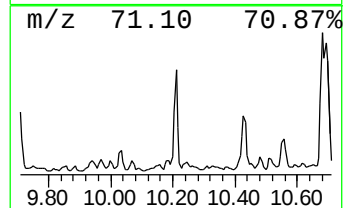
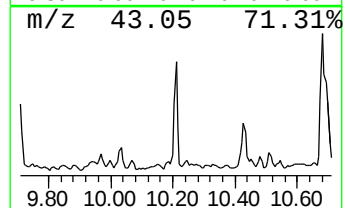
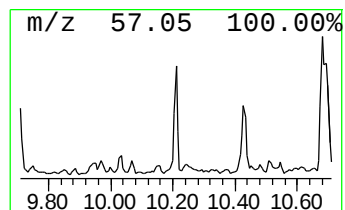
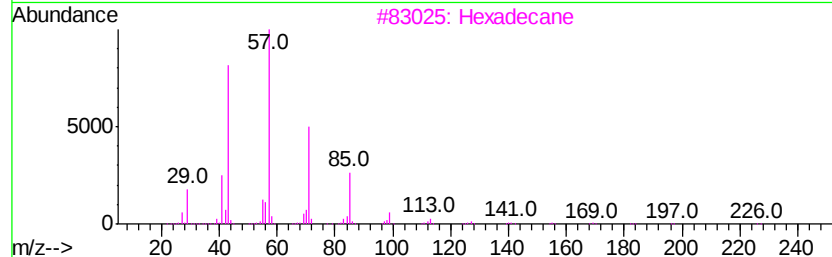
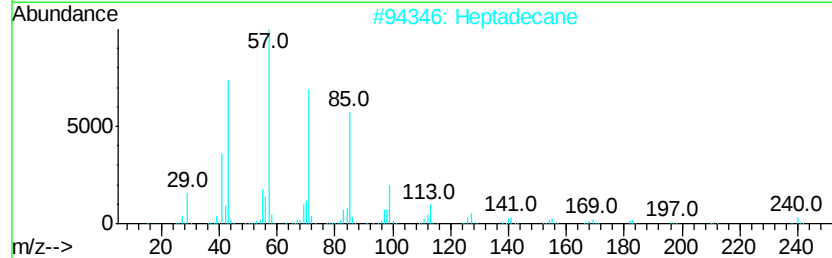
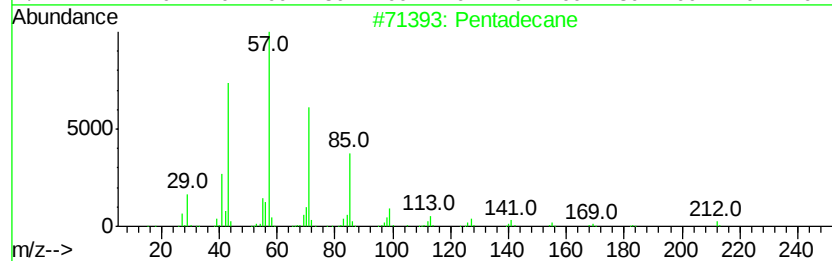
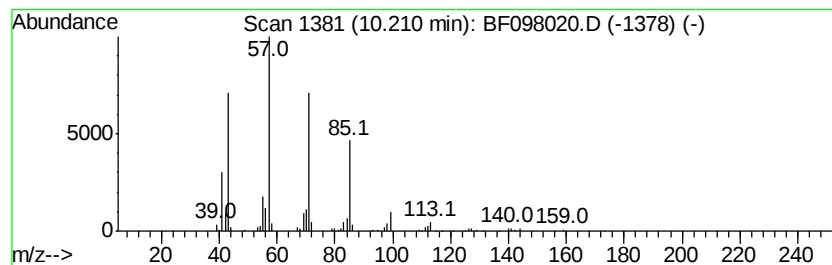
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	3.01 ng	142389	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Heptadecane	240	C17H36	000629-78-7	83
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tetradecane	198	C14H30	000629-59-4	78
5		9-methylheptadecane	254	C18H38	026741-18-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

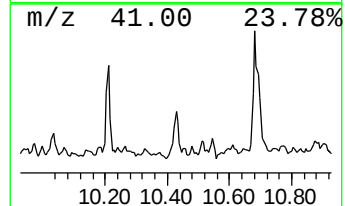
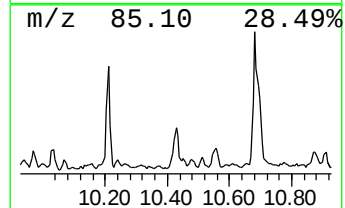
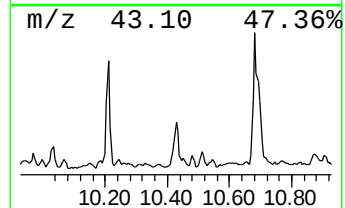
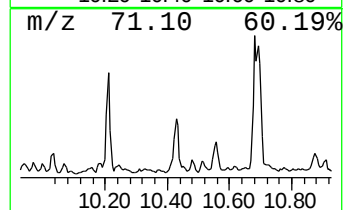
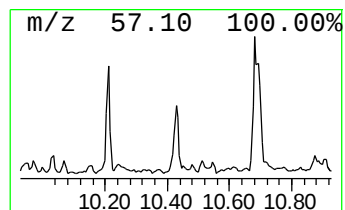
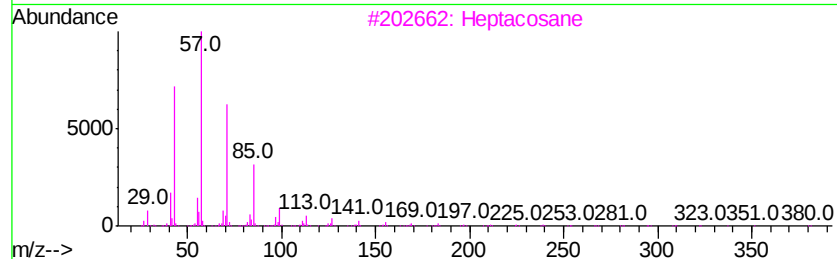
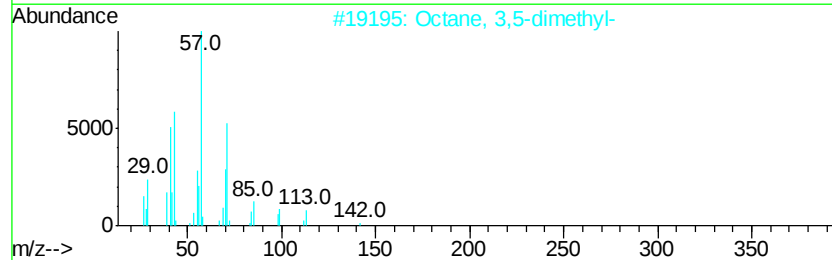
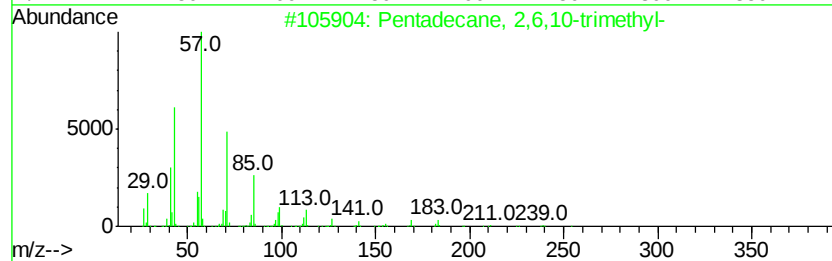
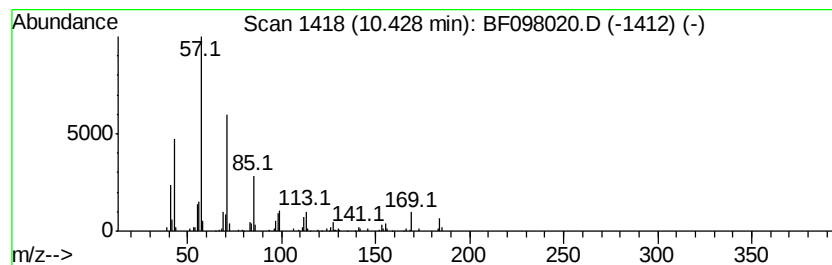
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.49 ng	164941	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3		Heptacosane	380	C27H56	000593-49-7	64
4		Decane, 2-methyl-	156	C11H24	006975-98-0	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

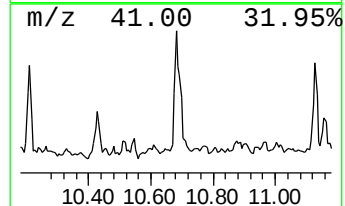
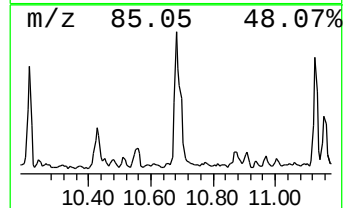
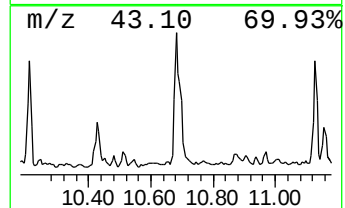
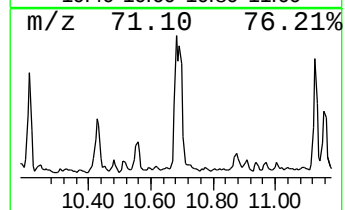
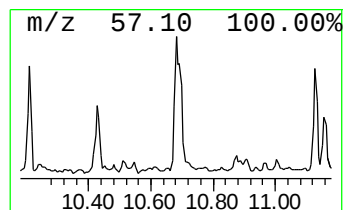
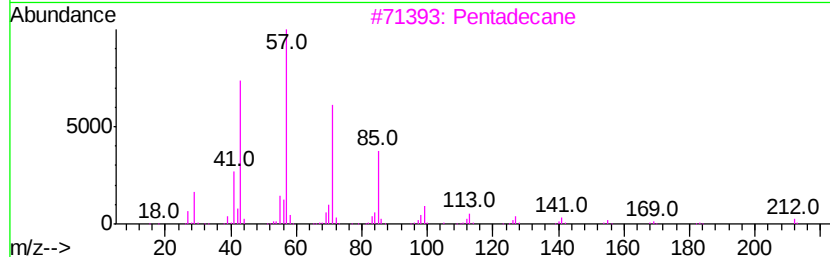
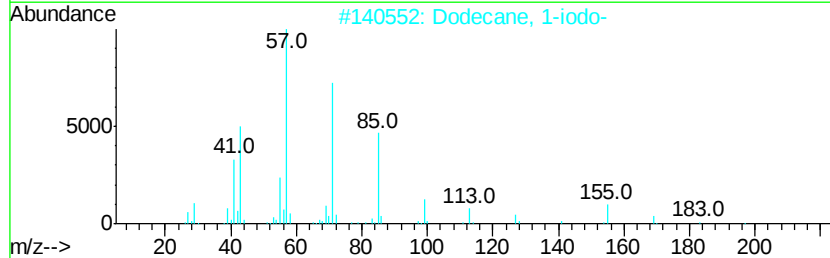
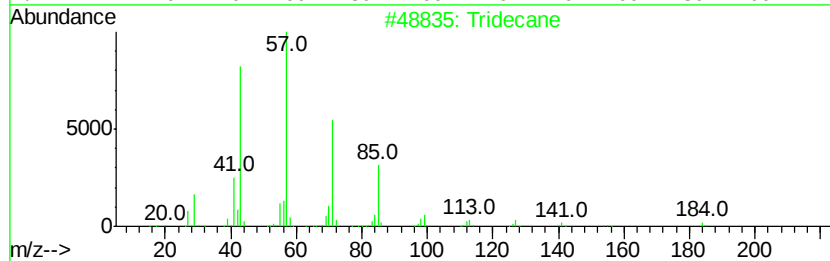
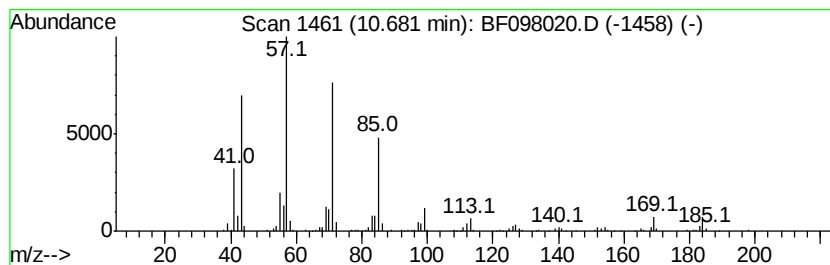
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	10.33 ng	410899	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3		Pentadecane	212	C15H32	000629-62-9	86
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

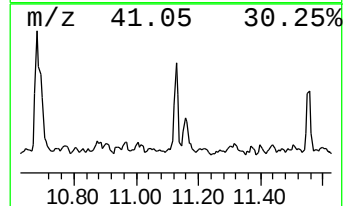
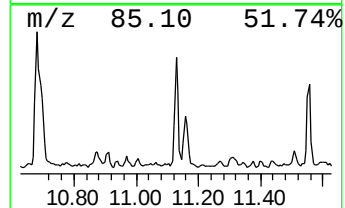
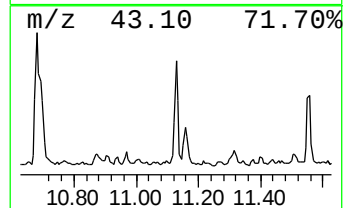
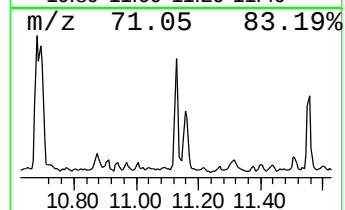
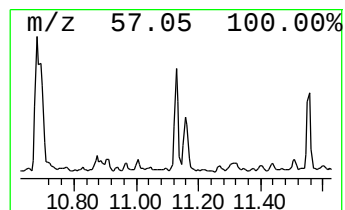
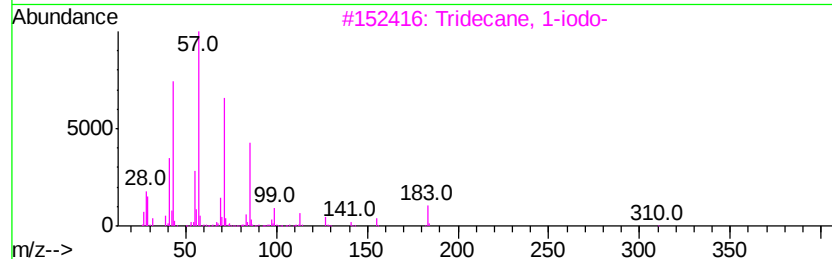
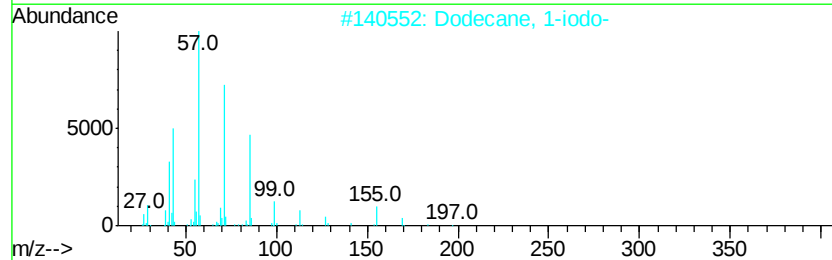
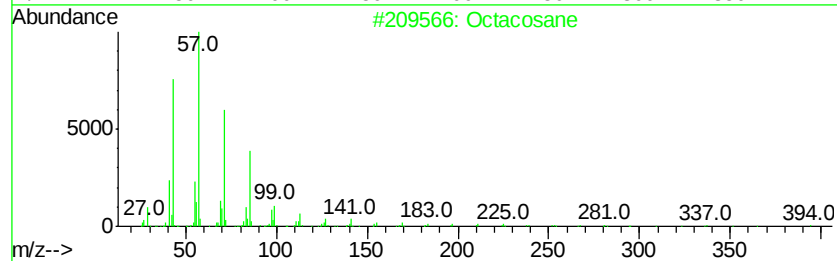
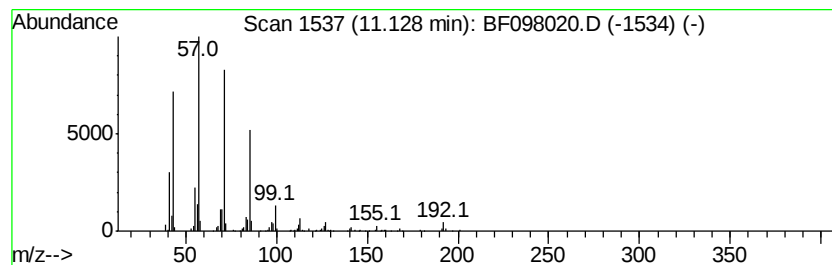
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.65 ng	184738	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	86
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	83
4	Heptacosane		380	C27H56	000593-49-7	80
5	Hexadecane		226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

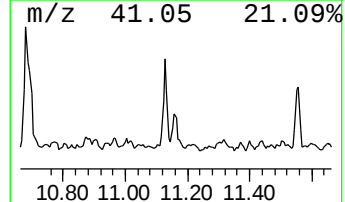
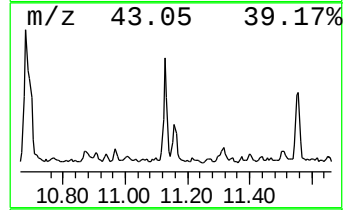
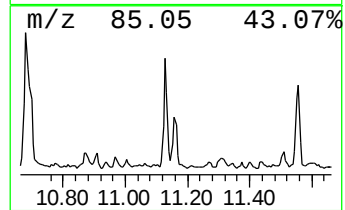
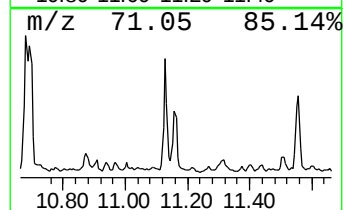
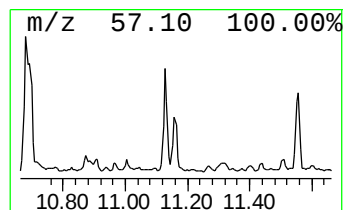
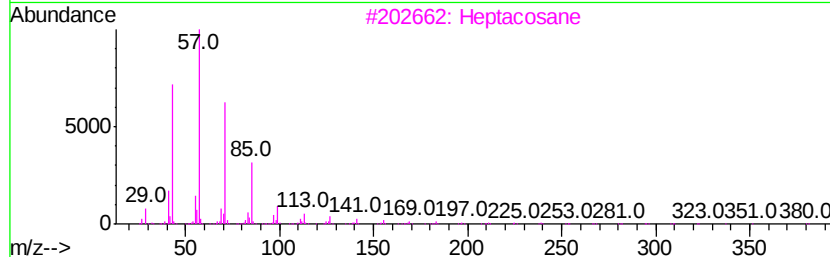
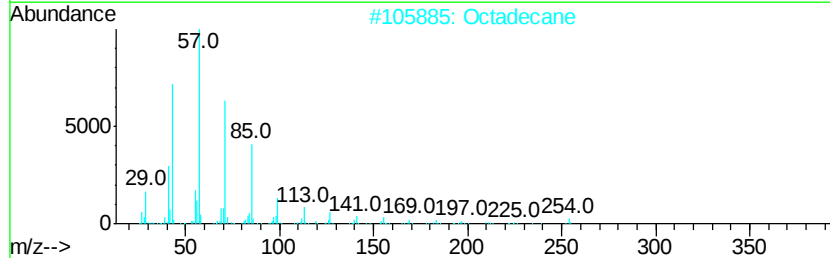
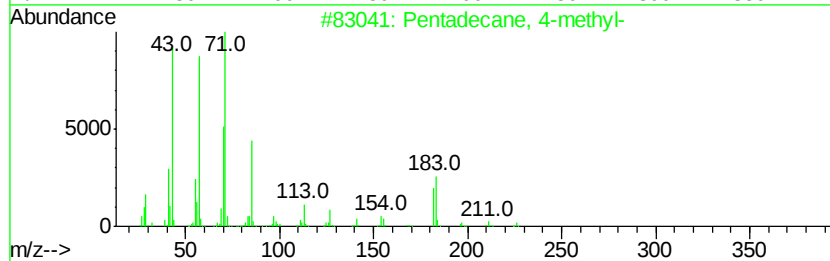
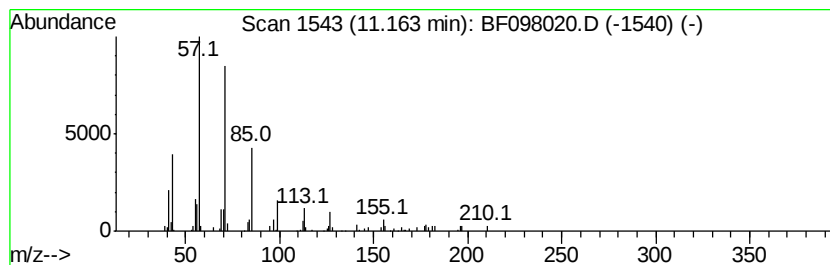
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.18 ng	126297	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
2			Octadecane	254	C18H38	000593-45-3	83
3			Heptacosane	380	C27H56	000593-49-7	83
4			Docosane	310	C22H46	000629-97-0	83
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

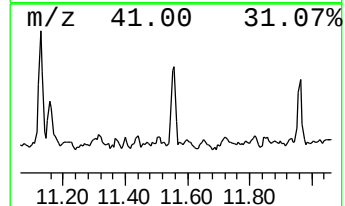
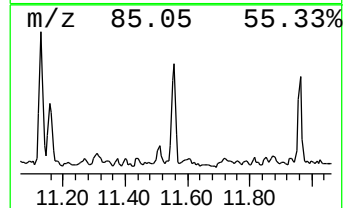
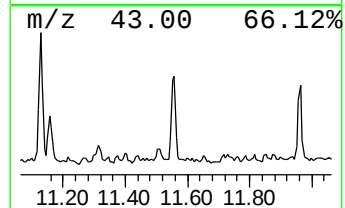
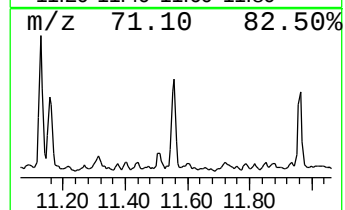
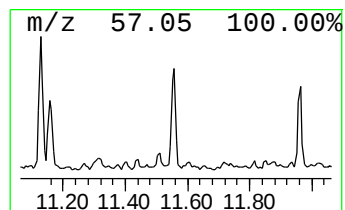
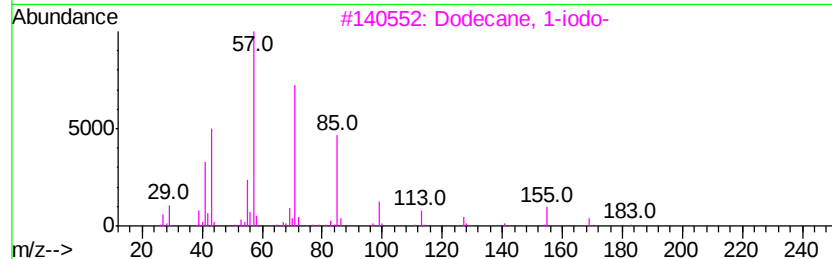
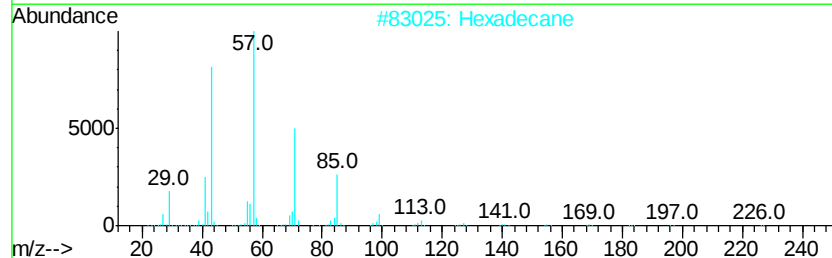
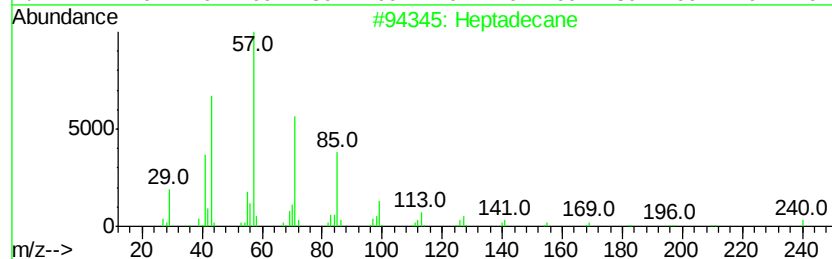
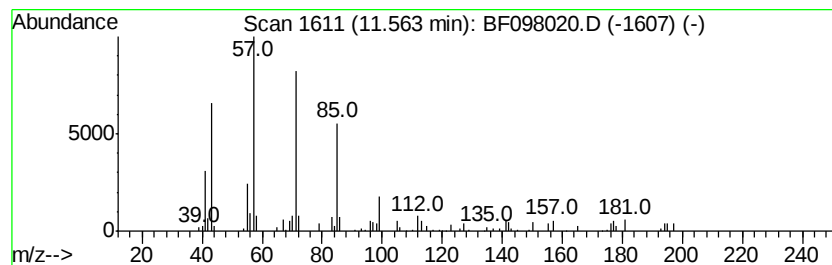
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.56	3.26 ng	129661	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

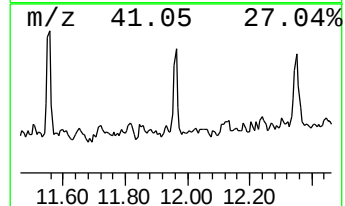
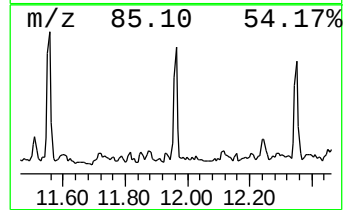
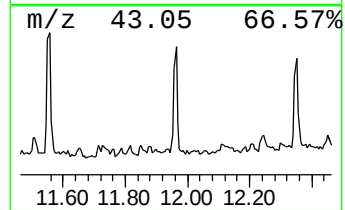
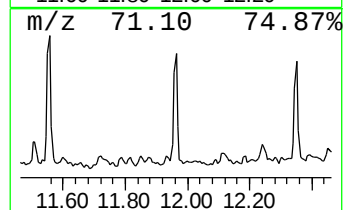
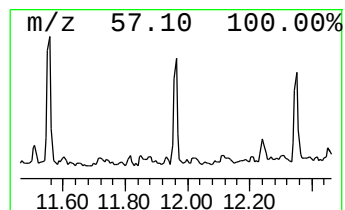
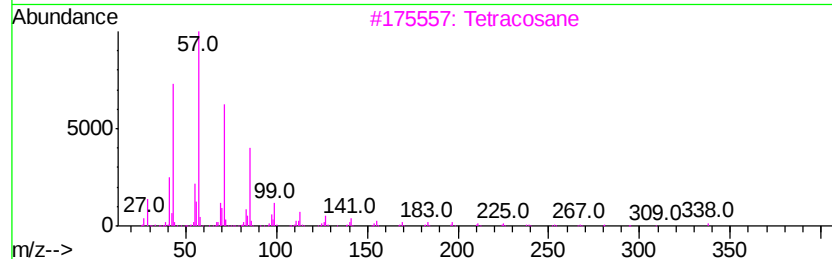
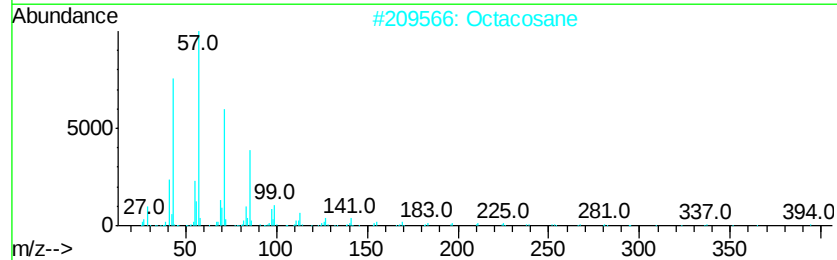
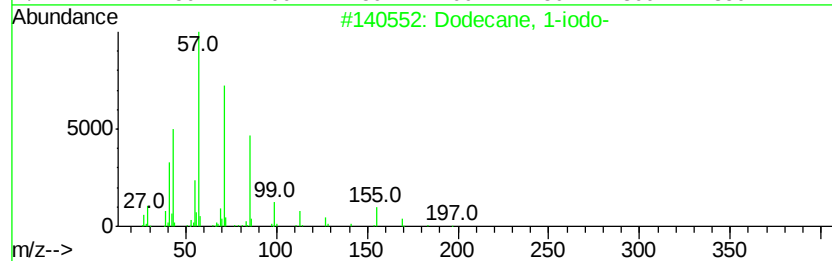
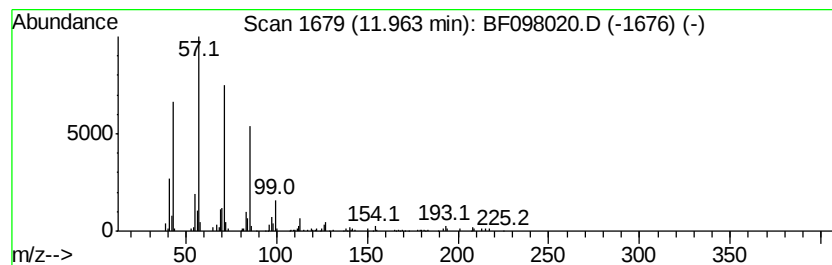
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.67 ng	106301	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2			Octacosane	394	C28H58	000630-02-4	80
3			Tetracosane	338	C24H50	000646-31-1	80
4			Heptacosane	380	C27H56	000593-49-7	72
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

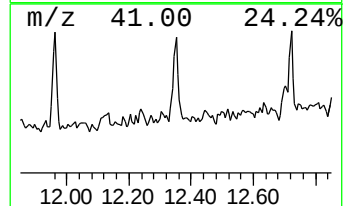
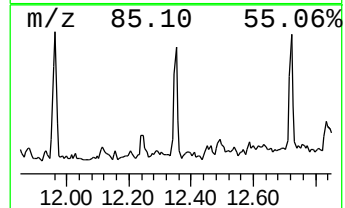
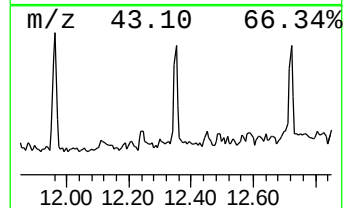
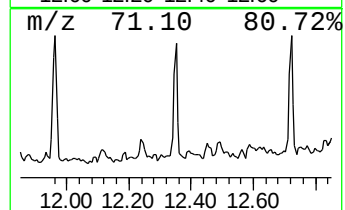
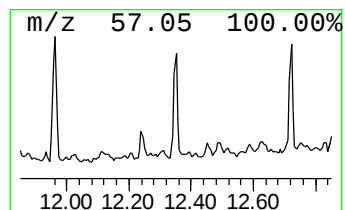
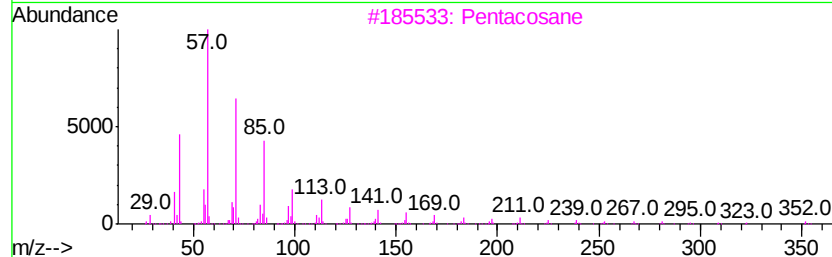
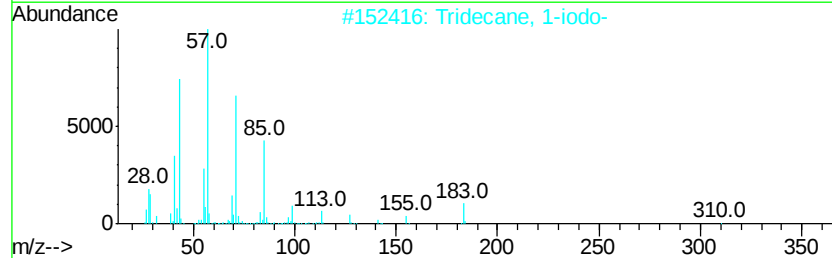
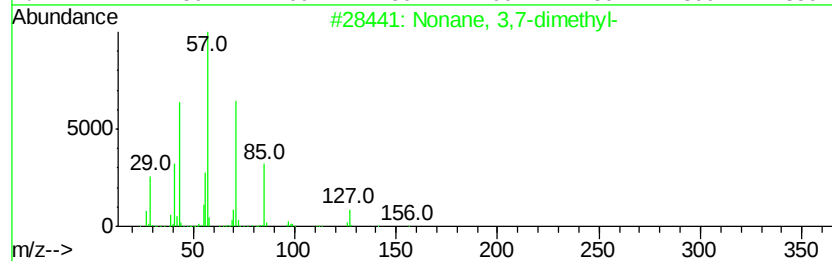
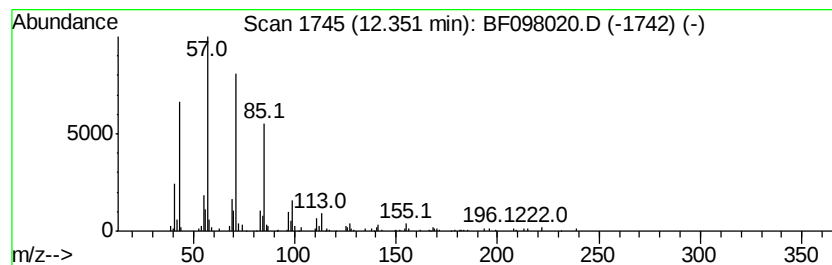
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.67 ng	145808	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	86
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Pentacosane	352	C25H52	000629-99-2	80
4		Decane, 3-methyl-	156	C11H24	013151-34-3	80
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

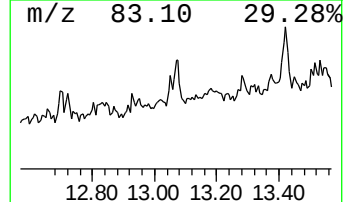
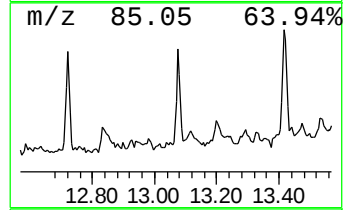
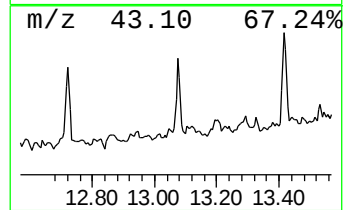
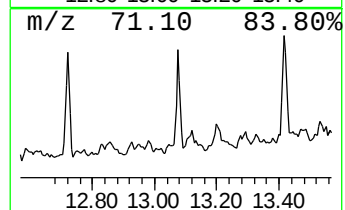
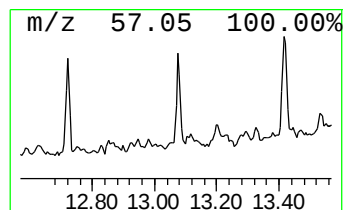
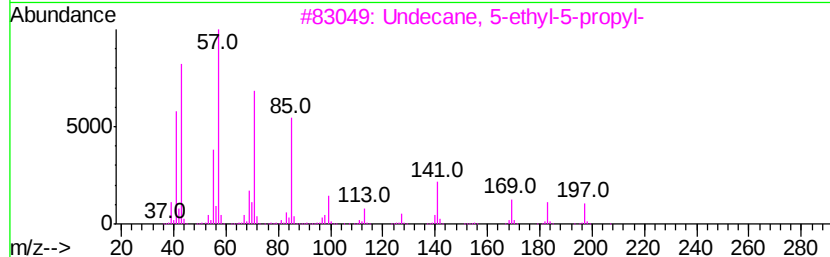
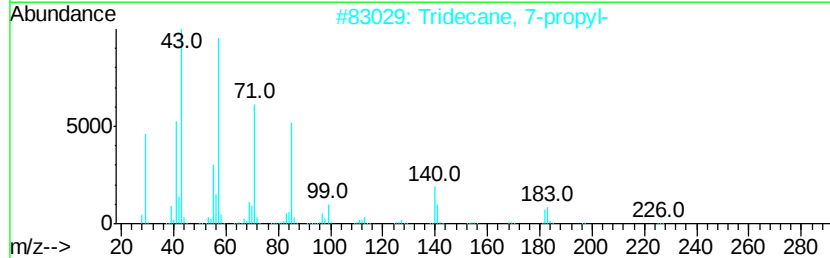
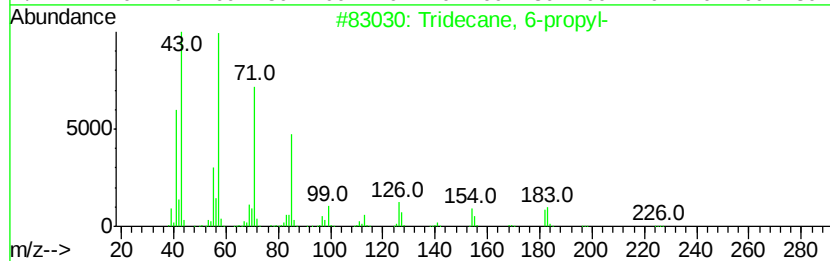
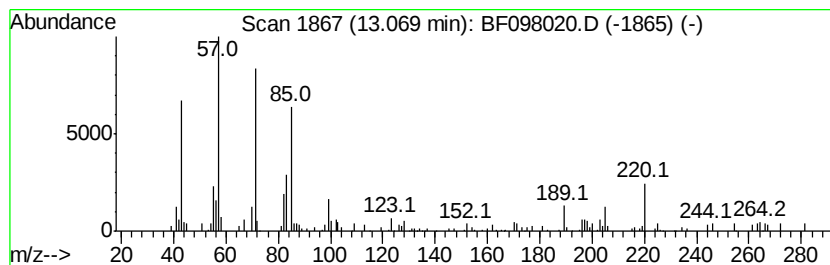
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.07	3.47 ng	129037	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	86
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

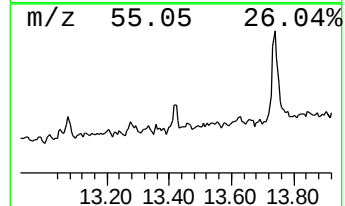
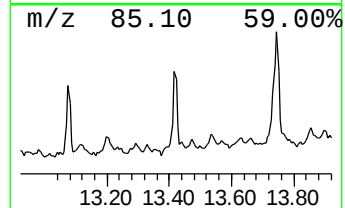
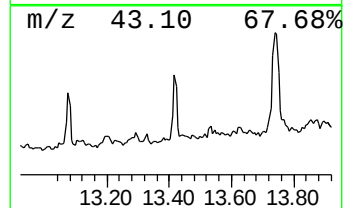
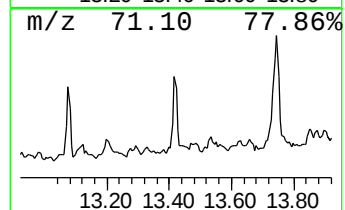
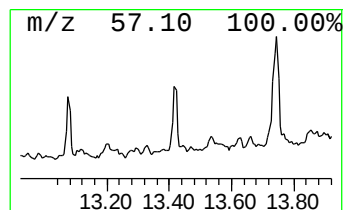
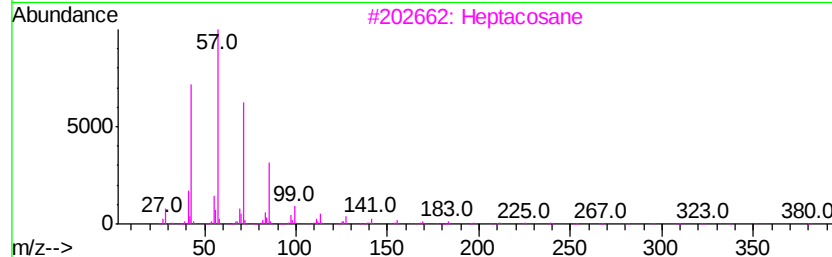
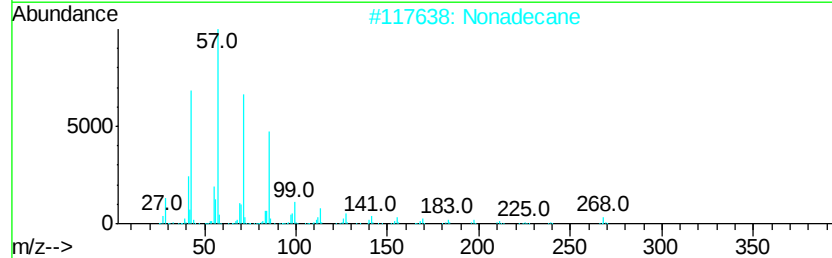
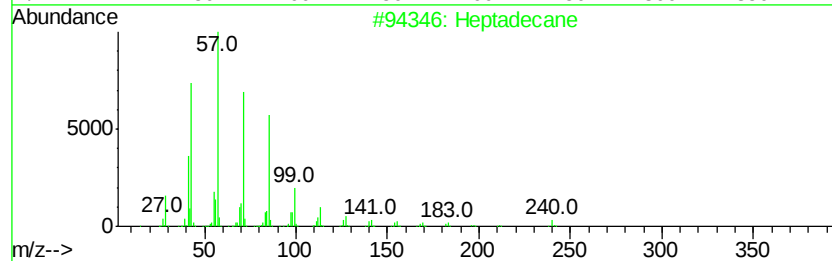
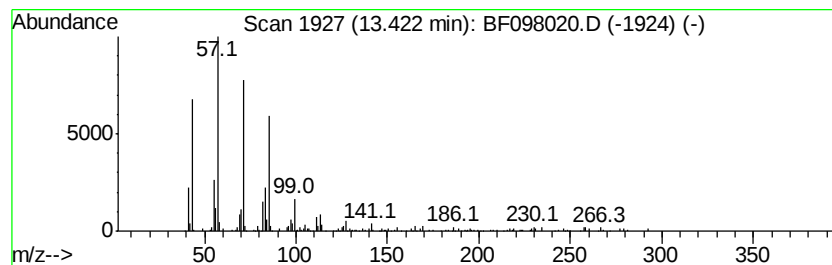
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.42	3.00 ng	111616	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptacosane	380	C27H56	000593-49-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

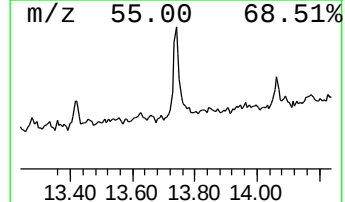
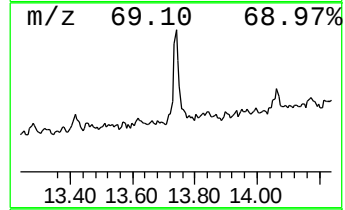
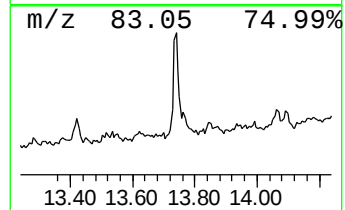
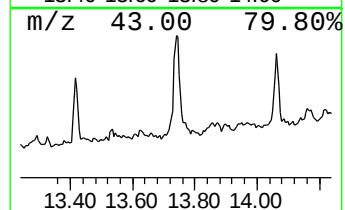
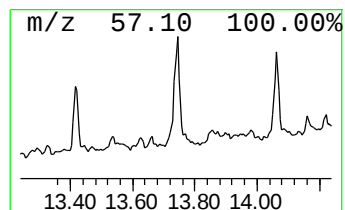
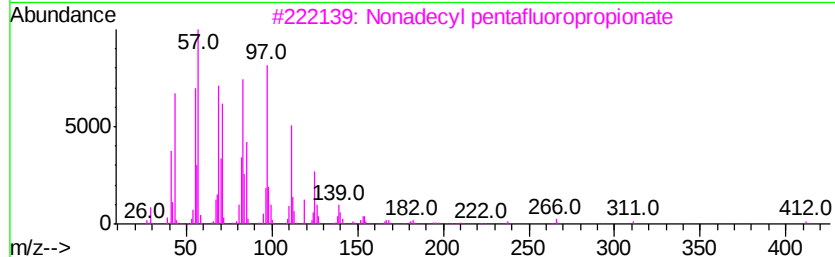
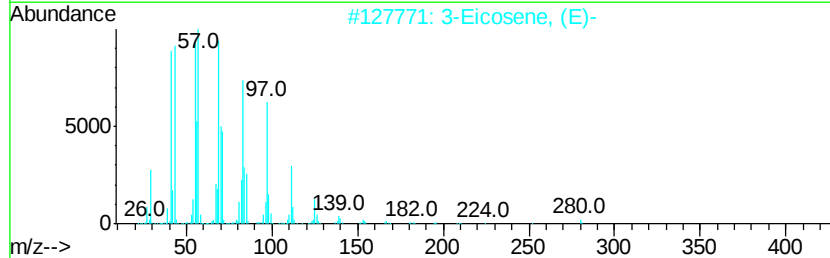
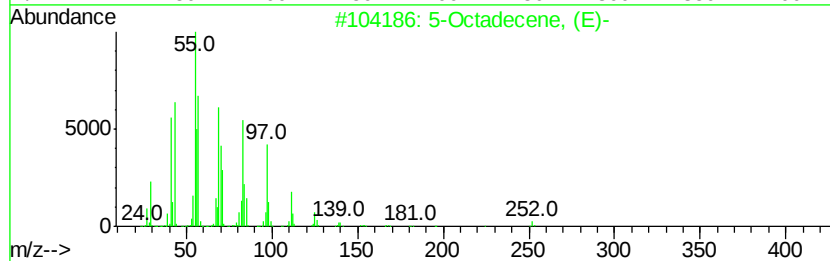
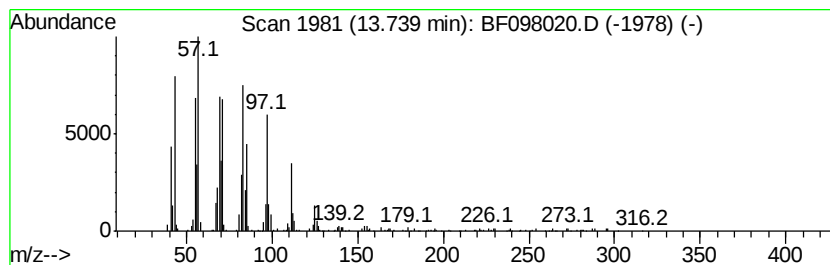
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	11.08 ng	411706	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

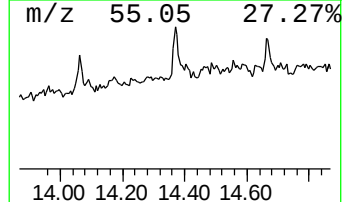
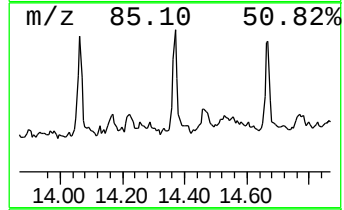
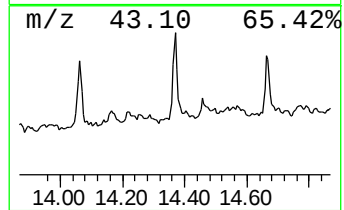
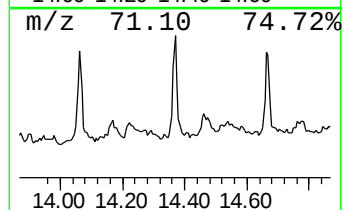
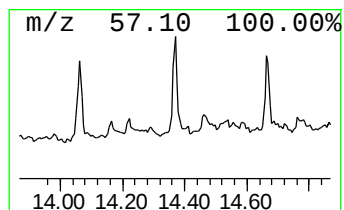
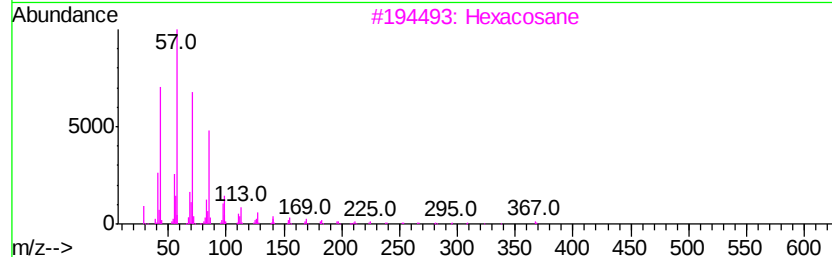
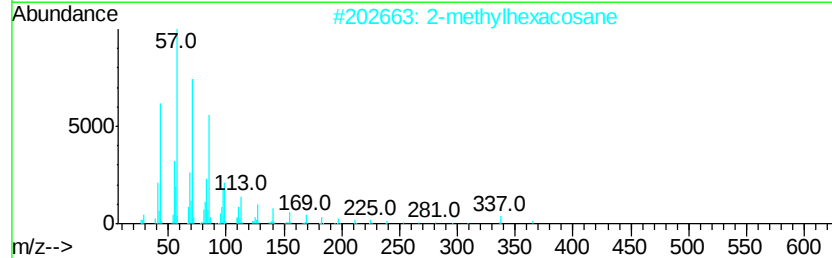
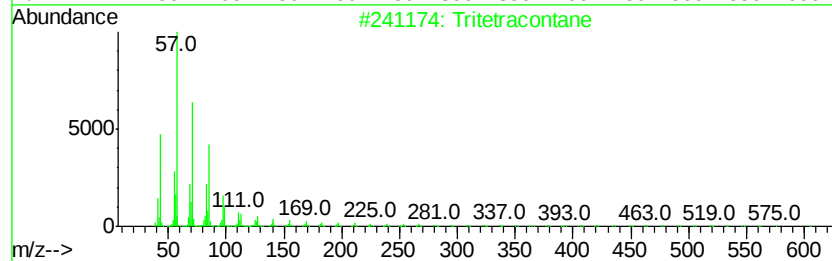
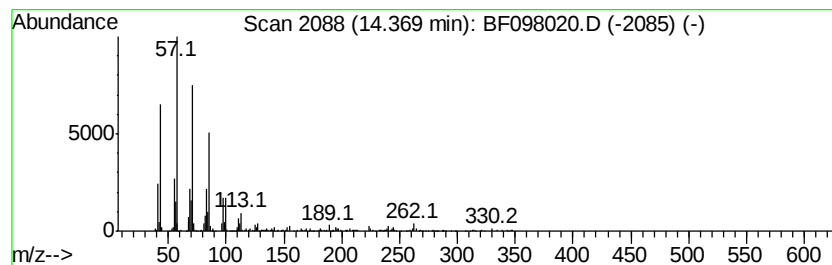
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	6.92 ng	257374	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	90
2		2-methylhexacosane	380	C27H56	1000376-72-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

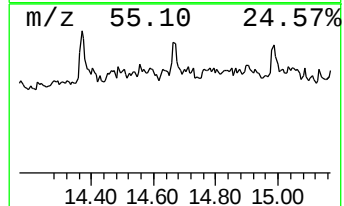
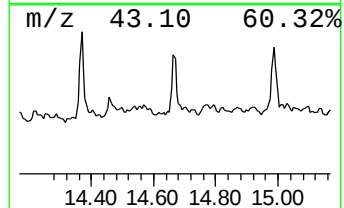
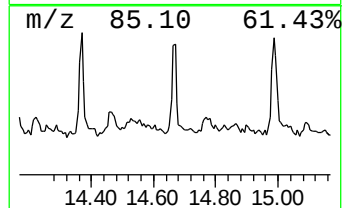
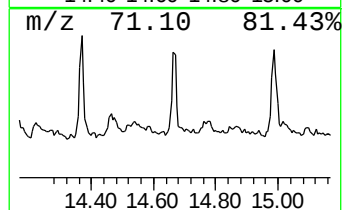
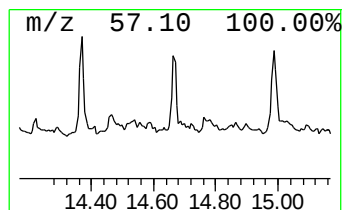
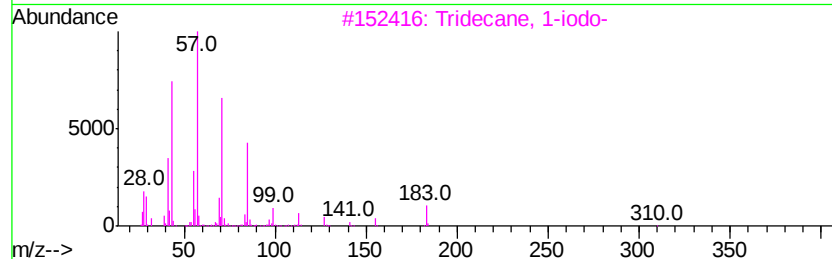
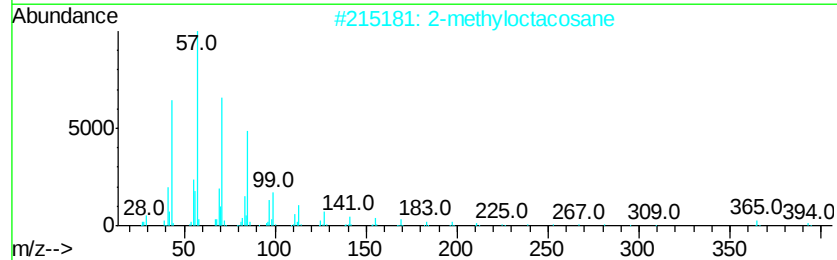
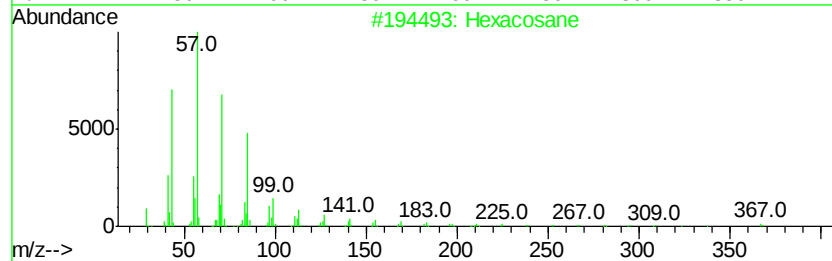
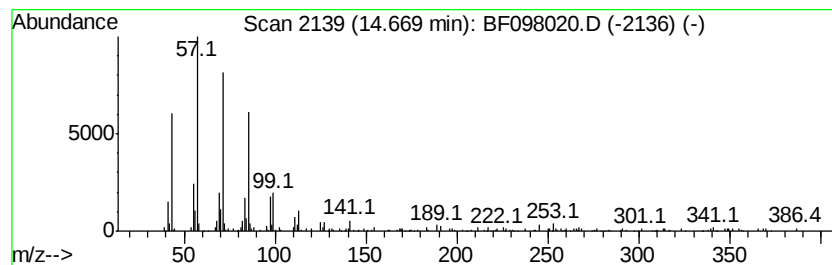
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.95 ng	146389	Perylene-d12	15.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	90
2	2-methyloctacosane	408 C29H60	1000376-72-8	90
3	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	87
4	Tetratetracontane	619 C44H90	007098-22-8	80
5	Nonadecane	268 C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

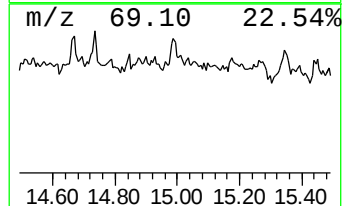
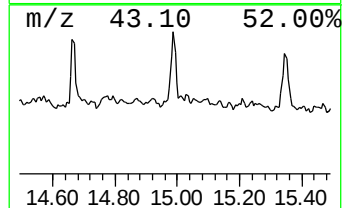
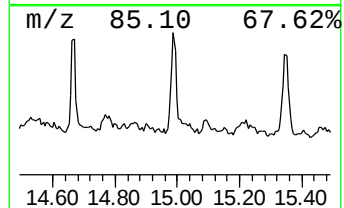
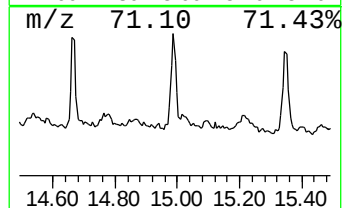
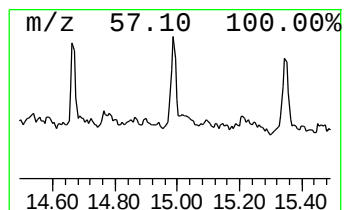
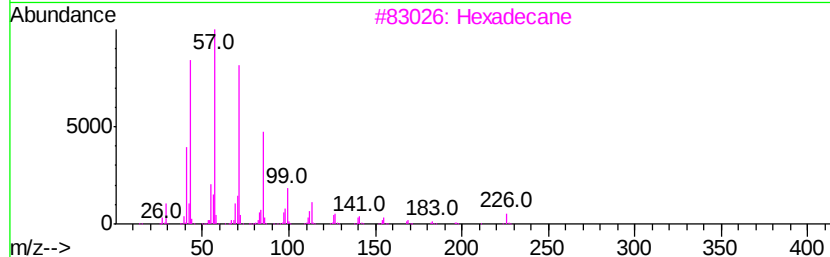
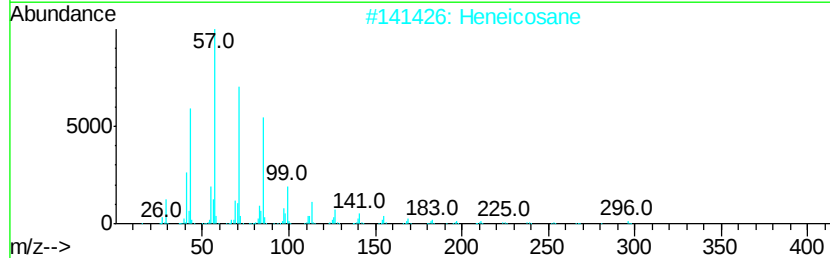
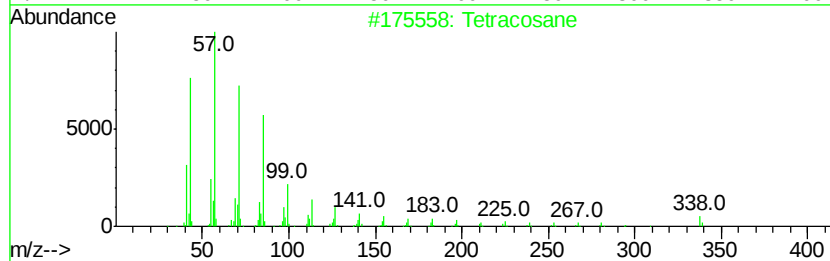
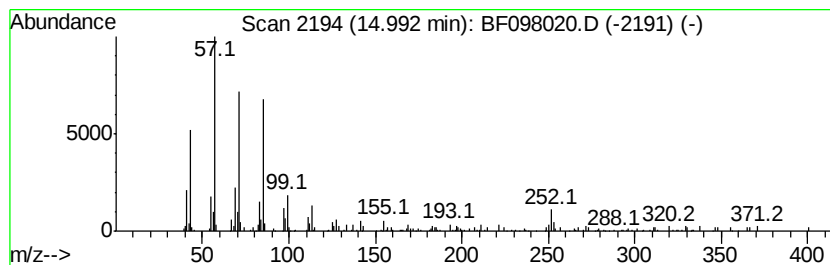
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.91 ng	124395	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082417\
 Data File : BF098020.D
 Acq On : 24 Aug 2017 23:47
 Operator : SJ/JU
 Sample : I4920-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
2-Pentanone, 4-hy...	4.95	9.5	ng	370926	1	6.74	780526	20.0
unknown6.51	6.51	94.1	ng	3672880	1	6.74	780526	20.0
10-Methylnonadecane	9.18	2.8	ng	131818	3	9.77	946500	20.0
Nonadecane	9.71	2.0	ng	96688	3	9.77	946500	20.0
Pentadecane	10.21	3.0	ng	142389	3	9.77	946500	20.0
Pentadecane, 2,6,...	10.43	3.5	ng	164941	3	9.77	946500	20.0
Tridecane	10.68	10.3	ng	410899	4	11.25	795259	20.0
Octacosane	11.13	4.7	ng	184738	4	11.25	795259	20.0
Pentadecane, 4-me...	11.16	3.2	ng	126297	4	11.25	795259	20.0
Heptadecane	11.56	3.3	ng	129661	4	11.25	795259	20.0
Dodecane, 1-iodo-	11.96	2.7	ng	106301	4	11.25	795259	20.0
Nonane, 3,7-dimet...	12.35	3.7	ng	145808	4	11.25	795259	20.0
Tridecane, 6-propyl-	13.07	3.5	ng	129037	5	13.89	743425	20.0
Heptacosane	13.42	3.0	ng	111616	5	13.89	743425	20.0
5-Octadecene, (E)-	13.74	11.1	ng	411706	5	13.89	743425	20.0
Tritetracontane	14.37	6.9	ng	257374	5	13.89	743425	20.0
Hexacosane	14.67	7.0	ng	146389	6	15.30	421186	20.0
Tetracosane	14.99	5.9	ng	124395	6	15.30	421186	20.0