

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112544.D
 Acq On : 13 Feb 2019 17:42
 Operator : JU/SJ
 Sample : K1343-25 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-M

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-BF012519.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	573	576	597	rBV	275254	409453	6.80%	1.549%
2	6.486	745	748	765	rBV	295281	455073	7.56%	1.722%
3	6.610	766	769	776	rBV	435934	476369	7.92%	1.803%
4	6.833	804	807	814	rBV	651083	577798	9.60%	2.186%
5	6.992	830	834	841	rBV	401907	376028	6.25%	1.423%
6	7.398	900	903	906	rBV	227788	231449	3.85%	0.876%
7	7.428	906	908	912	rVB	74663	63911	1.06%	0.242%
8	8.098	1019	1022	1023	rBV	150410	137794	2.29%	0.521%
9	8.116	1023	1025	1031	rVV	790134	754180	12.53%	2.854%
10	8.175	1031	1035	1037	rVB2	65647	80806	1.34%	0.306%
11	8.404	1069	1074	1079	rBV6	59018	81427	1.35%	0.308%
12	8.622	1107	1111	1113	rBV	89135	82428	1.37%	0.312%
13	8.704	1122	1125	1129	rBV	257491	212611	3.53%	0.804%
14	8.939	1162	1165	1167	rBV	88050	69916	1.16%	0.265%
15	9.069	1183	1187	1191	rVB5	58060	82552	1.37%	0.312%
16	9.133	1196	1198	1200	rVV2	86516	64151	1.07%	0.243%
17	9.192	1204	1208	1212	rBV	525338	502412	8.35%	1.901%
18	9.269	1217	1221	1224	rBV	327412	274500	4.56%	1.039%
19	9.345	1231	1234	1236	rVB	70824	62441	1.04%	0.236%
20	9.586	1271	1275	1278	rBV3	137509	171272	2.85%	0.648%
21	9.798	1304	1311	1315	rBV	358052	330917	5.50%	1.252%
22	9.874	1320	1324	1328	rVB	890918	773524	12.85%	2.927%
23	10.033	1346	1351	1353	rBV3	50988	75458	1.25%	0.286%
24	10.121	1362	1366	1370	rBV5	82868	110915	1.84%	0.420%
25	10.298	1390	1396	1399	rBV	381333	337433	5.61%	1.277%
26	10.351	1403	1405	1411	rVB3	35383	60180	1.00%	0.228%
27	10.516	1429	1433	1436	rBV	106364	120565	2.00%	0.456%
28	10.669	1456	1459	1469	rBV	248407	298228	4.96%	1.128%
29	10.769	1473	1476	1486	rVB	357235	387916	6.45%	1.468%
30	11.216	1549	1552	1555	rBV	285929	237622	3.95%	0.899%
31	11.245	1555	1557	1564	rVB2	106973	132464	2.20%	0.501%
32	11.363	1574	1577	1581	rBV	726151	730946	12.15%	2.766%
33	11.645	1622	1625	1627	rBV	241832	191602	3.18%	0.725%
34	11.745	1638	1642	1645	rBV	2313008	1795741	29.84%	6.795%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.880	1662	1665	1667	rBV2	81317	81070	1.35%	0.307%
36	12.051	1690	1694	1699	rVB	196512	182549	3.03%	0.691%
37	12.433	1755	1759	1761	rBV	4344346	4815051	80.01%	18.219%
38	12.457	1761	1763	1769	rVV	5796918	6017764	100.00%	22.770%
39	12.533	1773	1776	1781	rVB	851024	730951	12.15%	2.766%
40	12.592	1781	1786	1788	rBV3	174848	265422	4.41%	1.004%
41	12.768	1813	1816	1820	rVB	182812	180435	3.00%	0.683%
42	12.810	1820	1823	1830	rVB2	164257	187291	3.11%	0.709%
43	12.945	1842	1846	1849	rBV	503180	422860	7.03%	1.600%
44	13.092	1868	1871	1874	rBV	130992	139486	2.32%	0.528%
45	13.121	1874	1876	1881	rVB6	46050	66709	1.11%	0.252%
46	13.168	1881	1884	1885	rBV	116439	97599	1.62%	0.369%
47	13.257	1896	1899	1903	rBV	137736	141633	2.35%	0.536%
48	13.368	1916	1918	1922	rBV4	49524	63727	1.06%	0.241%
49	13.509	1939	1942	1946	rBV	100990	98143	1.63%	0.371%
50	13.839	1995	1998	2003	rBV	96122	97405	1.62%	0.369%
51	13.927	2010	2013	2015	rBV	106168	96991	1.61%	0.367%
52	14.015	2024	2028	2031	rBV	698195	663700	11.03%	2.511%
53	14.151	2049	2051	2054	rBV	106263	85904	1.43%	0.325%
54	14.762	2152	2155	2158	rBV	123526	109293	1.82%	0.414%
55	14.880	2171	2175	2183	rVB	235477	338003	5.62%	1.279%
56	15.092	2209	2211	2222	rVB	171353	261215	4.34%	0.988%
57	15.474	2273	2276	2277	rBV	104743	120702	2.01%	0.457%
58	15.498	2277	2280	2286	rVB	327298	414066	6.88%	1.567%

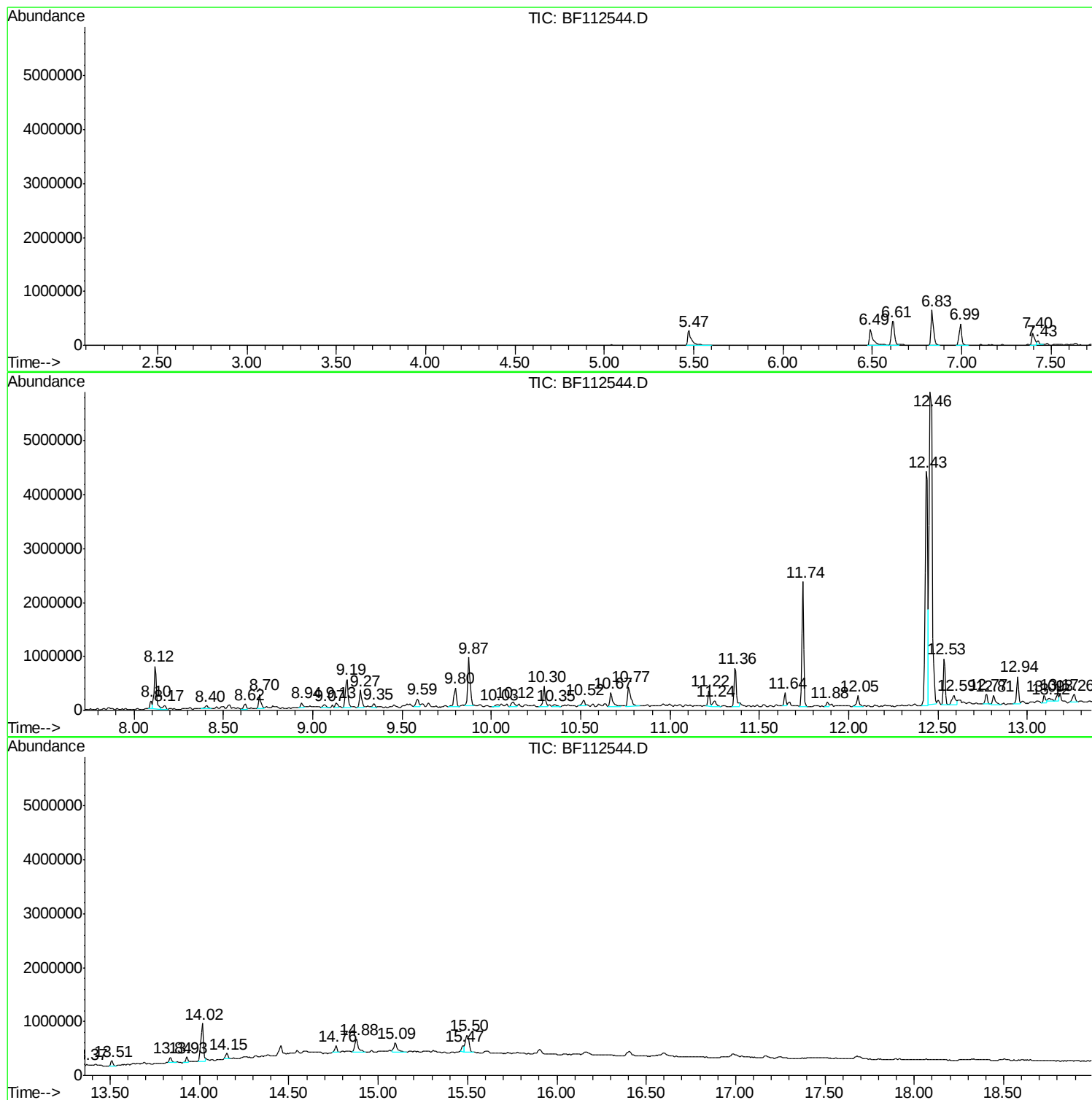
Sum of corrected areas: 26428051

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

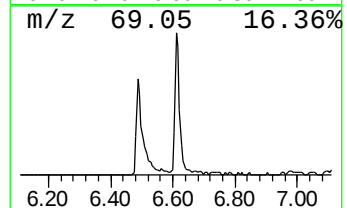
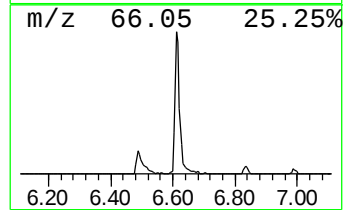
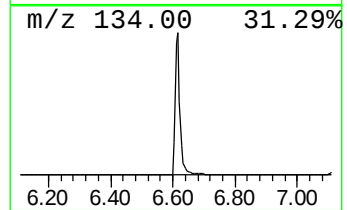
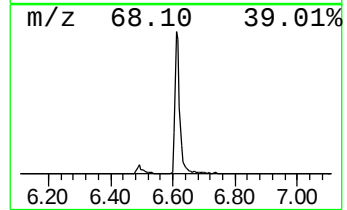
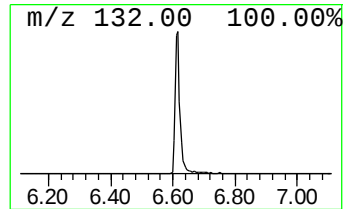
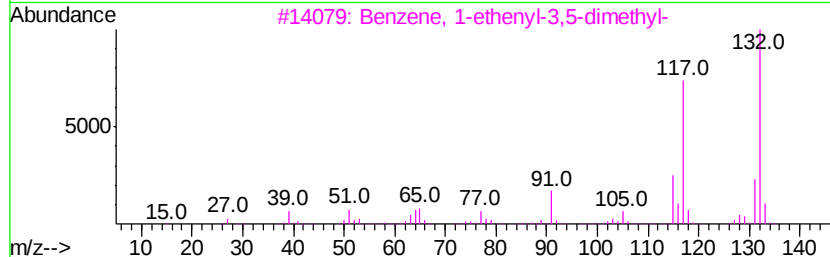
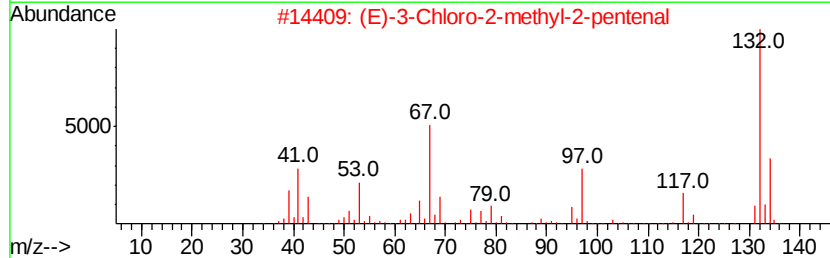
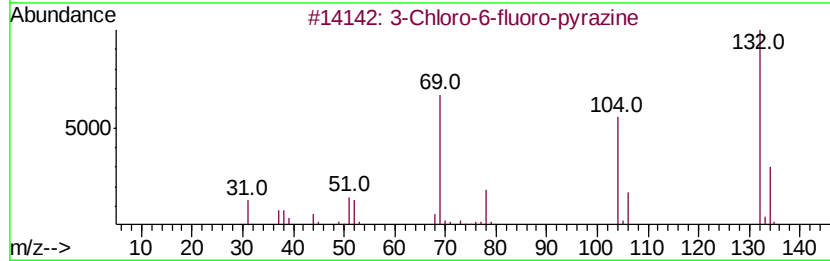
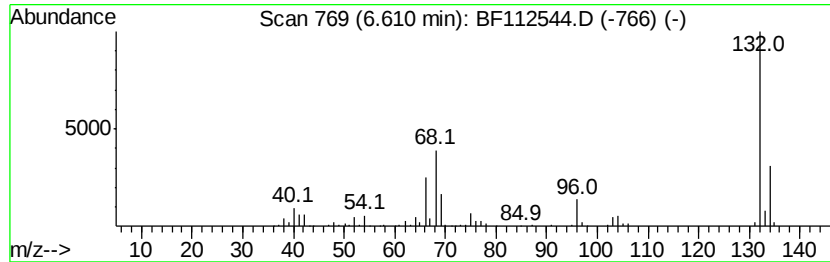
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	16.49 ng	476369	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

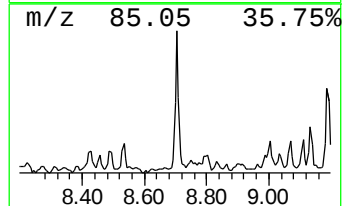
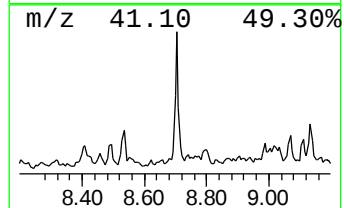
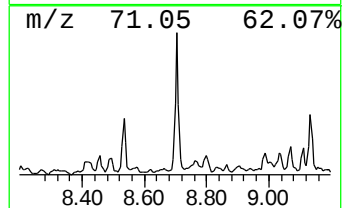
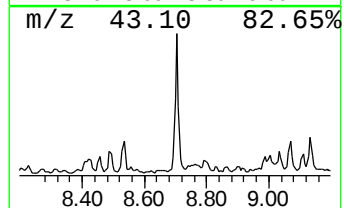
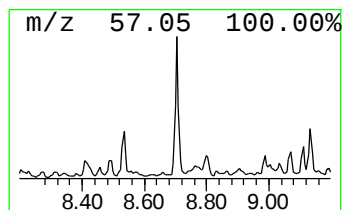
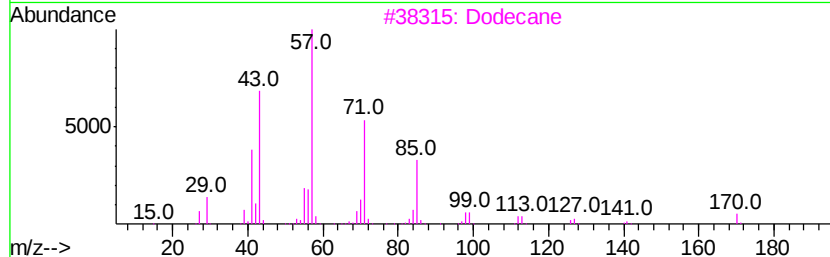
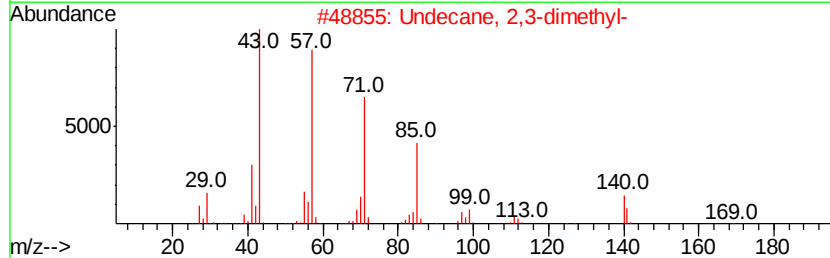
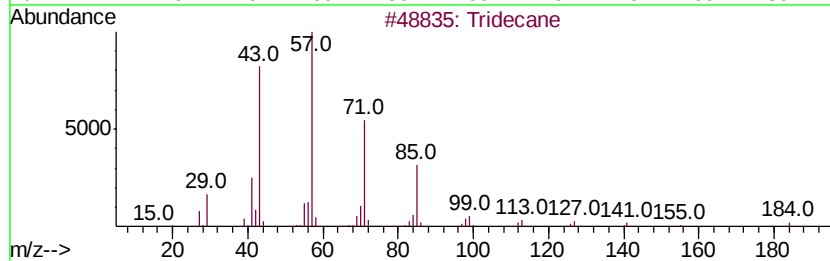
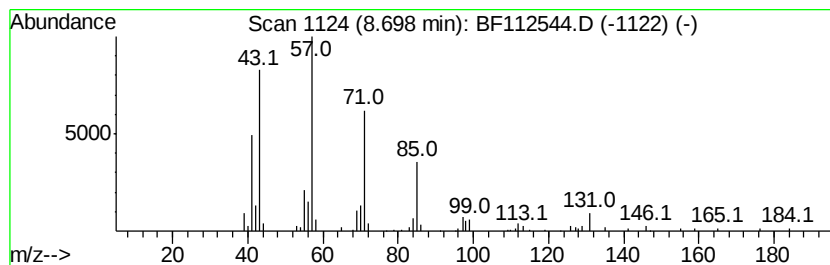
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	5.64 ng	212611	Naphthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3	Dodecane	170	C12H26	000112-40-3	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

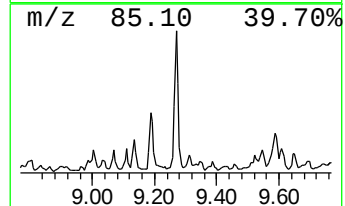
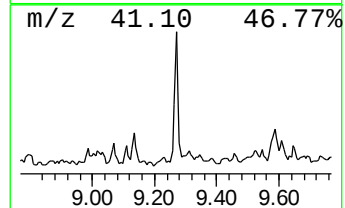
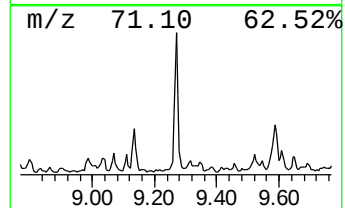
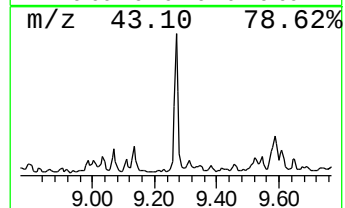
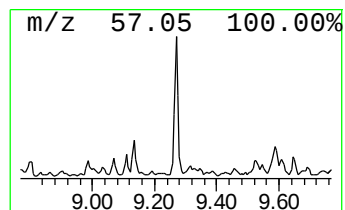
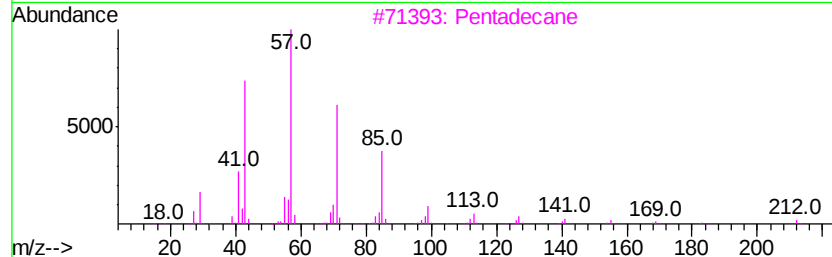
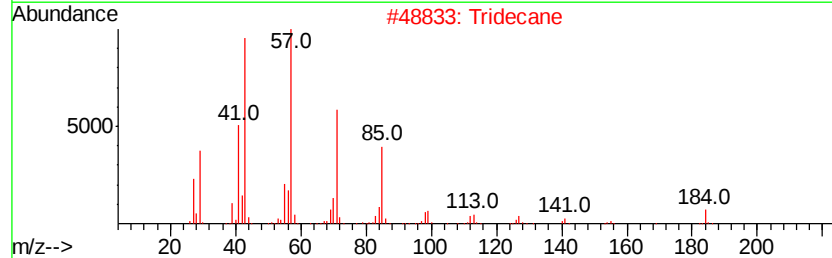
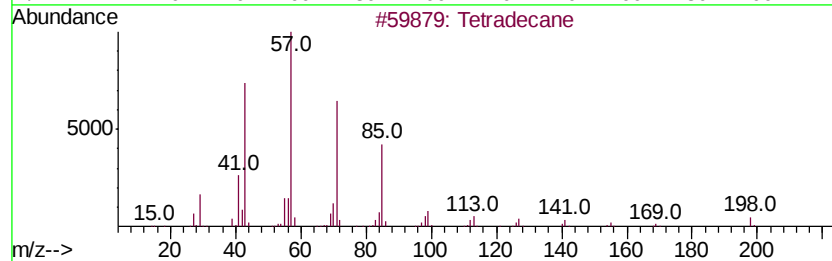
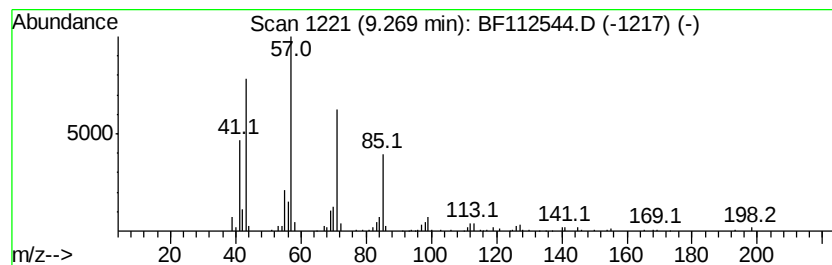
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	7.10 ng	274500	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

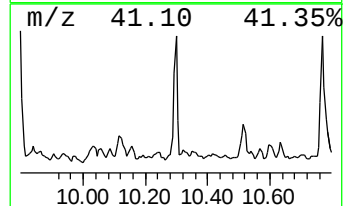
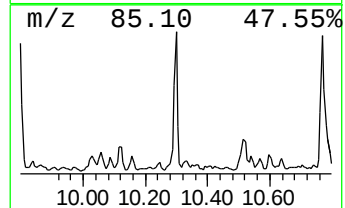
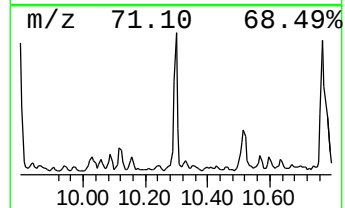
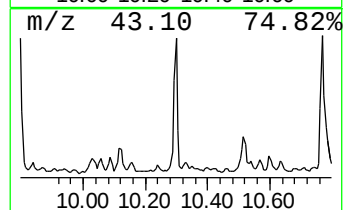
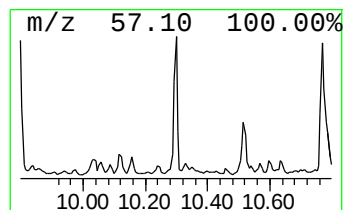
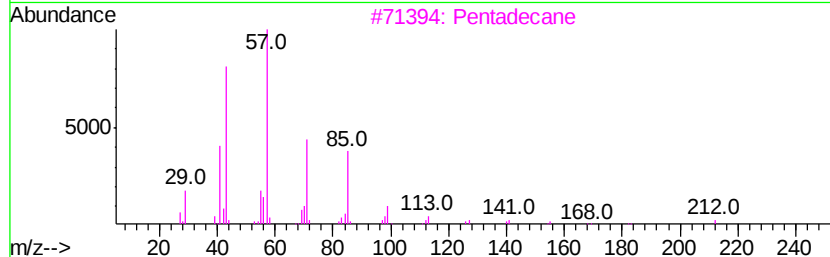
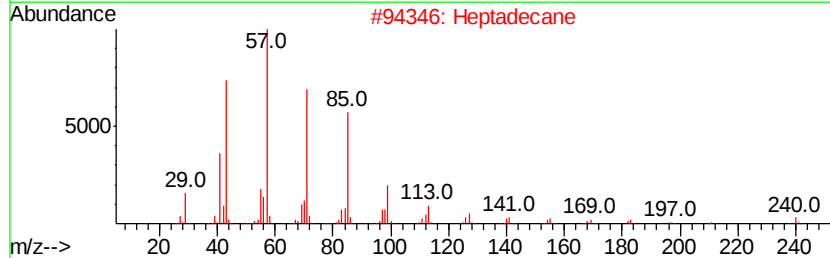
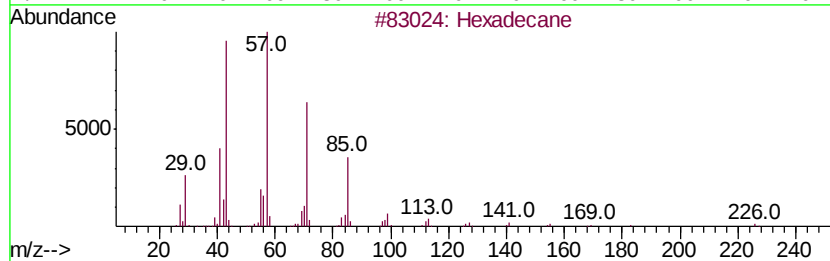
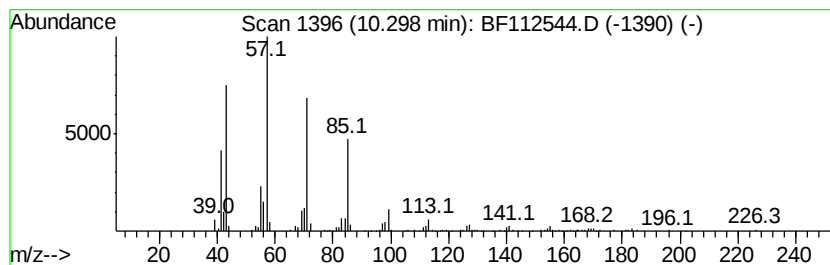
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.30	8.72 ng	337433	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

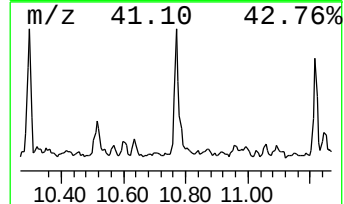
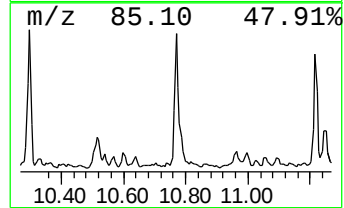
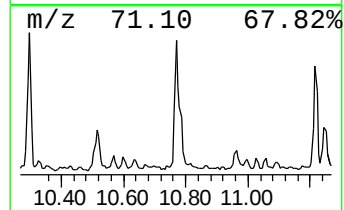
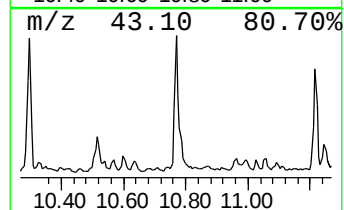
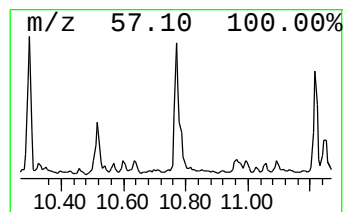
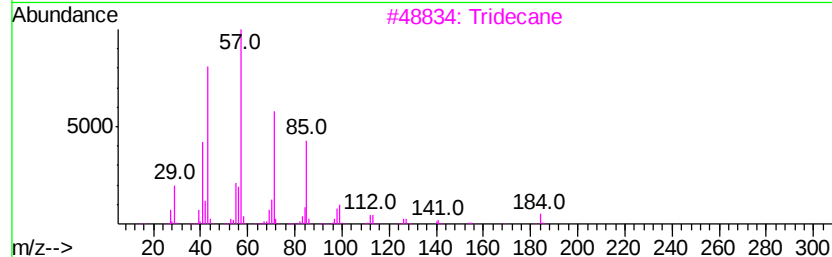
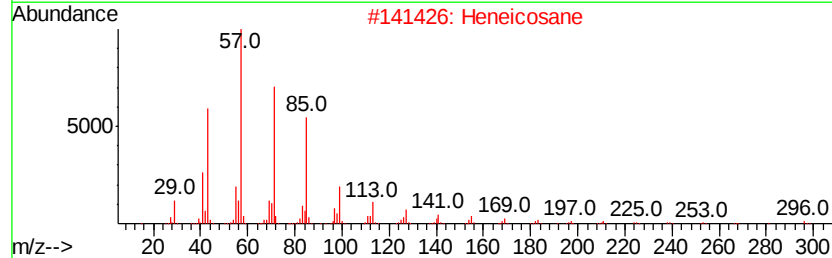
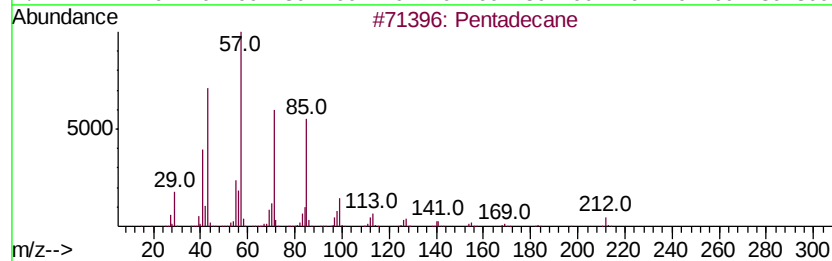
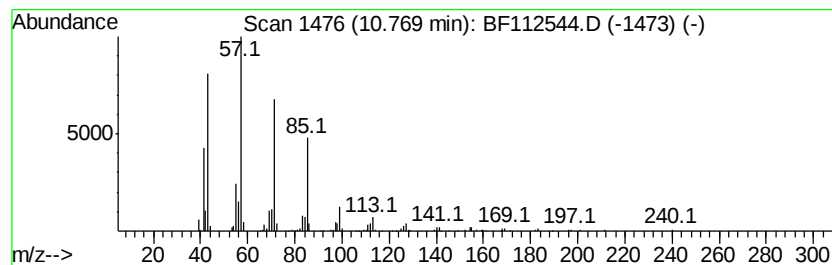
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	10.61 ng	387916	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tridecane		184	C13H28	000629-50-5	87
4	Tetradecane		198	C14H30	000629-59-4	87
5	Nonadecane		268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

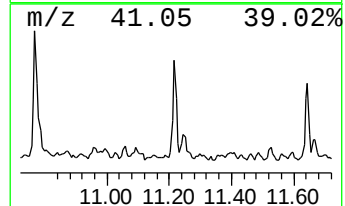
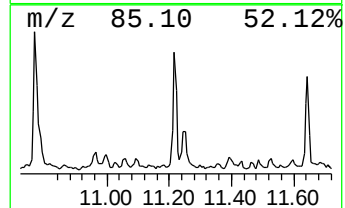
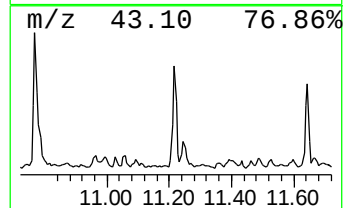
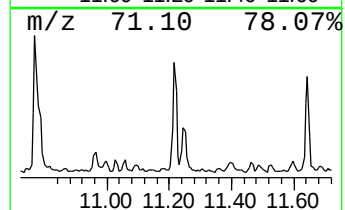
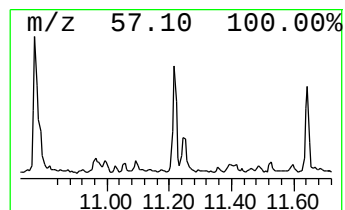
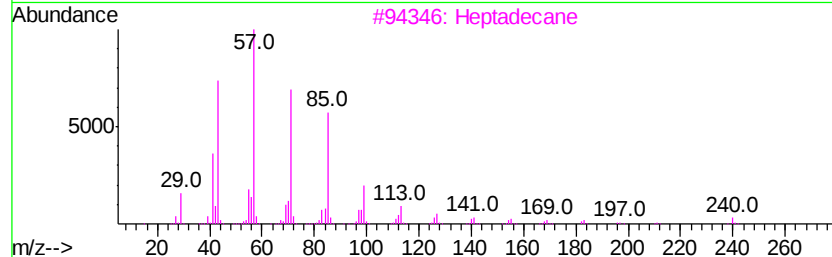
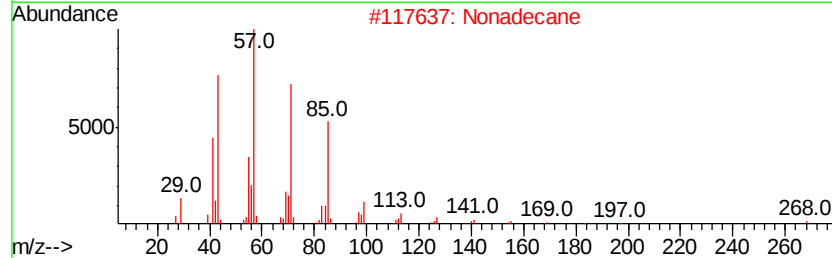
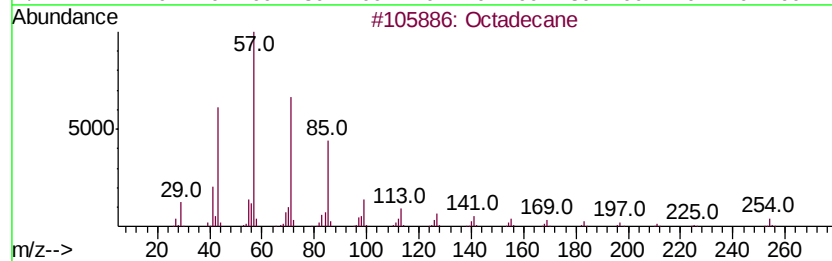
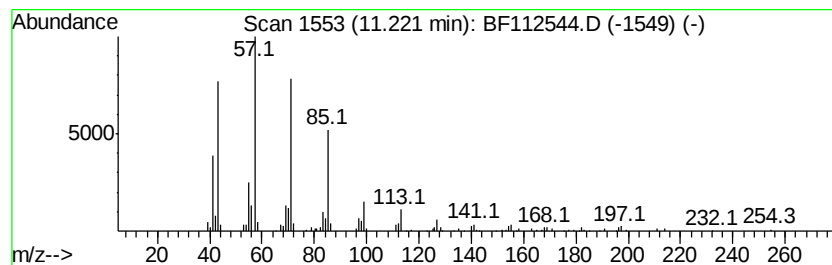
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	6.50 ng	237622	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

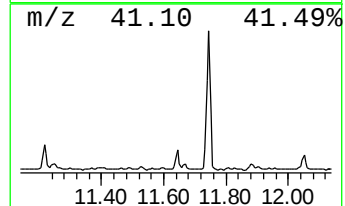
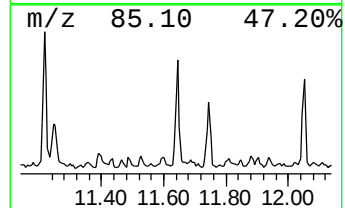
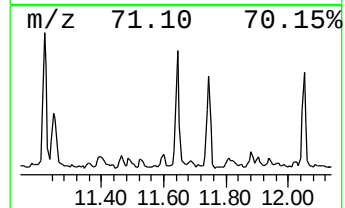
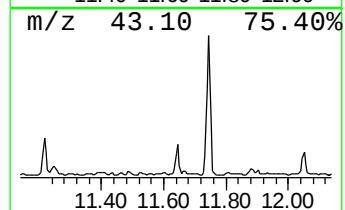
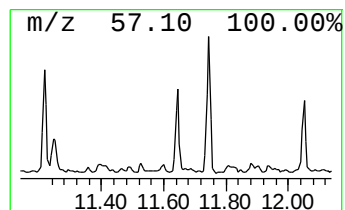
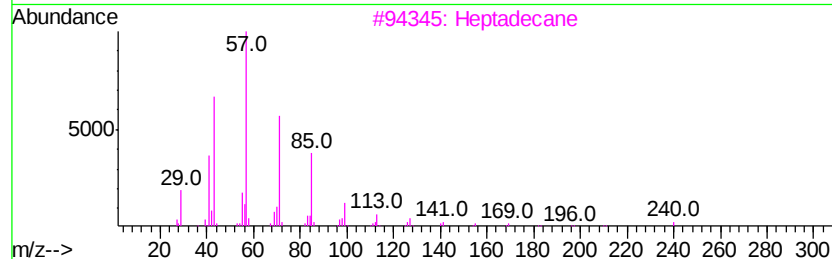
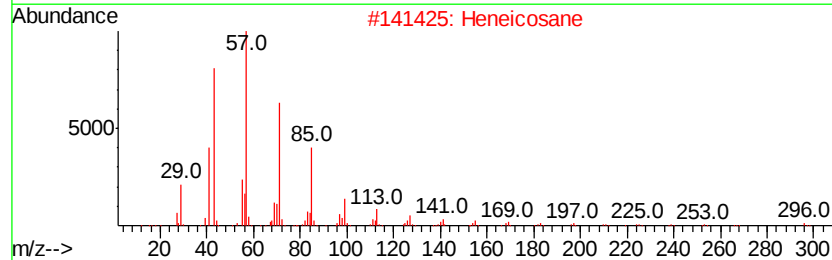
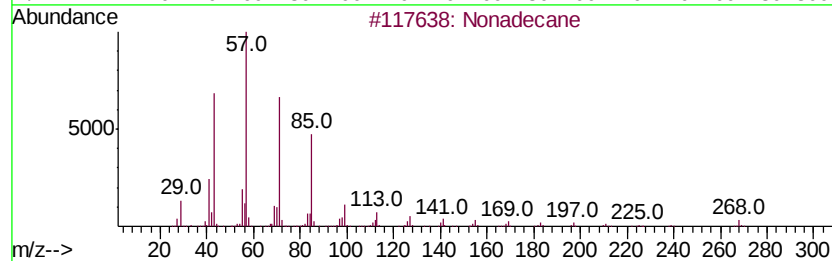
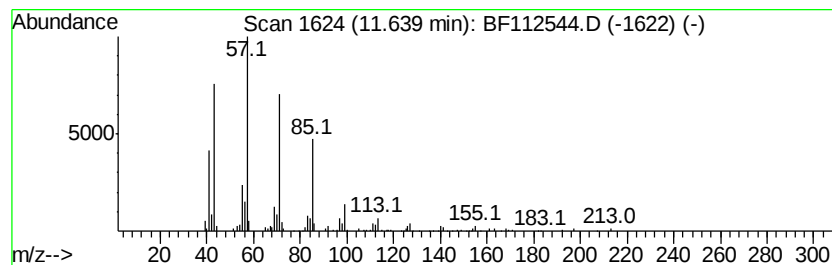
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	5.24 ng	191602	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

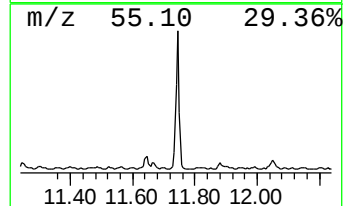
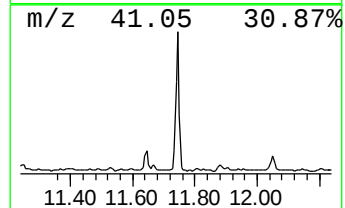
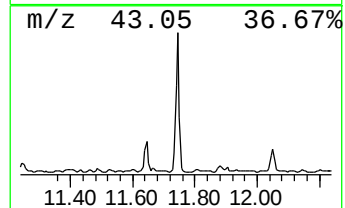
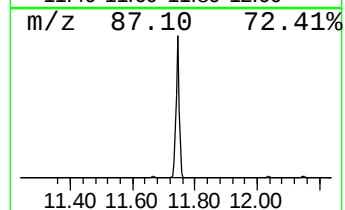
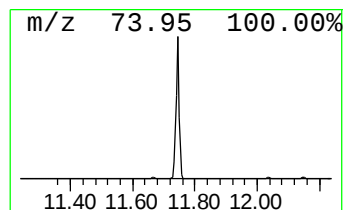
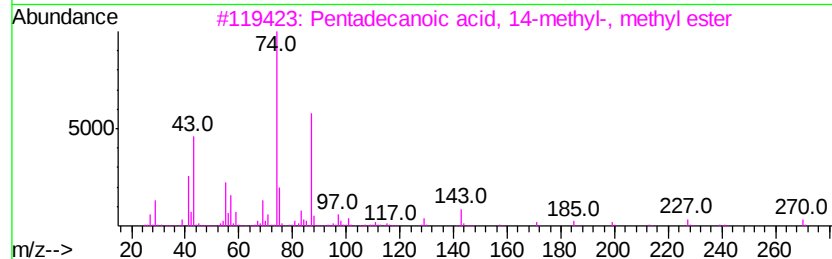
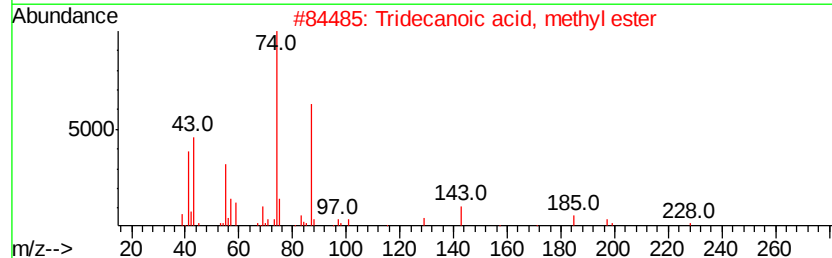
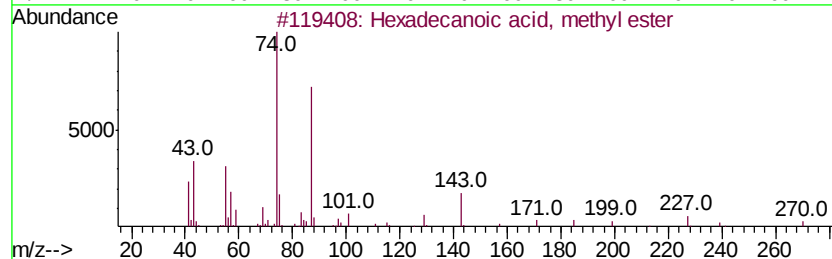
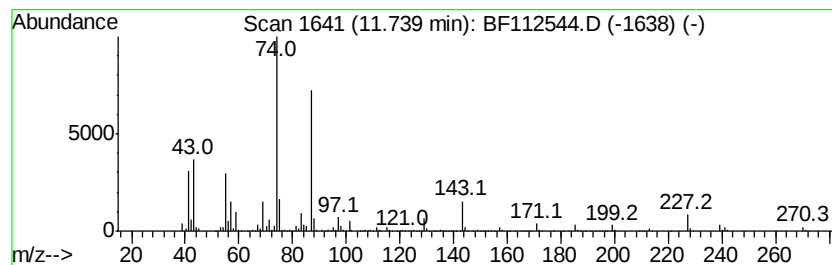
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	49.13 ng	1795740	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

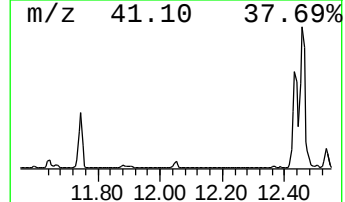
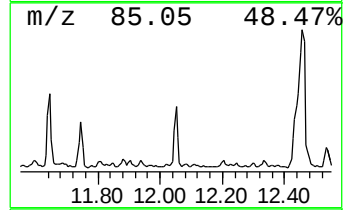
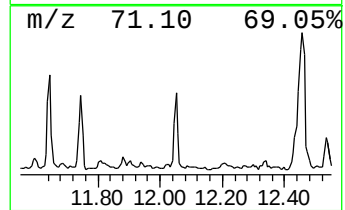
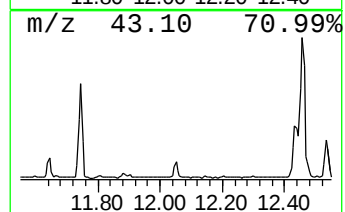
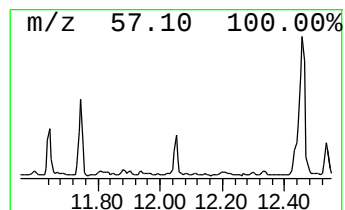
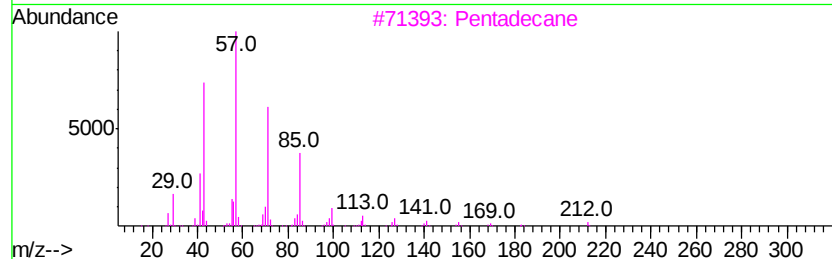
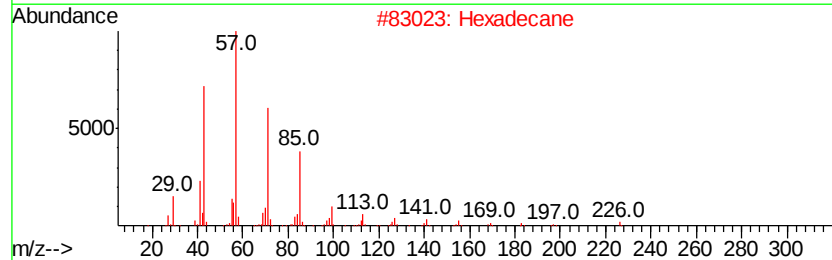
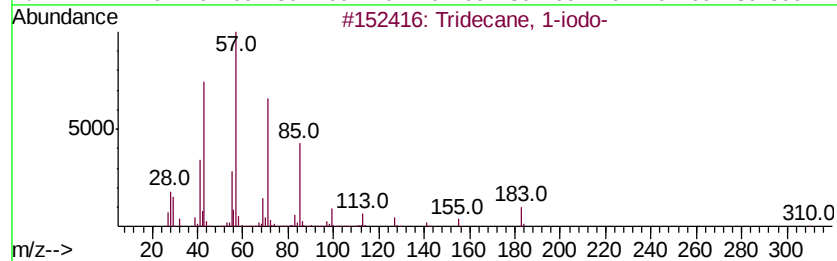
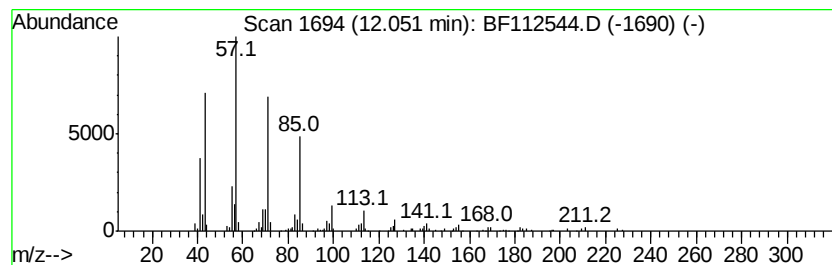
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.99 ng	182549	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

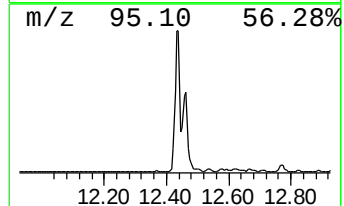
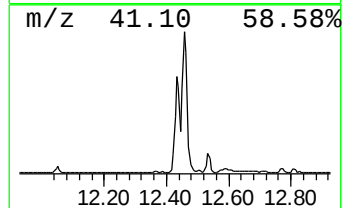
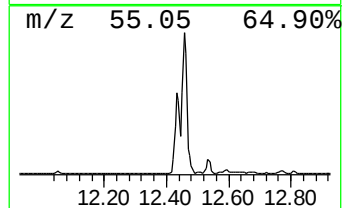
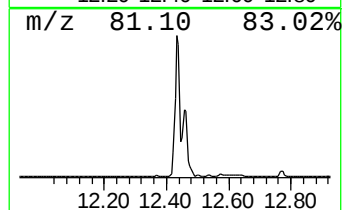
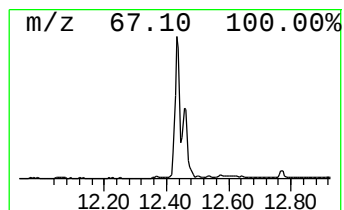
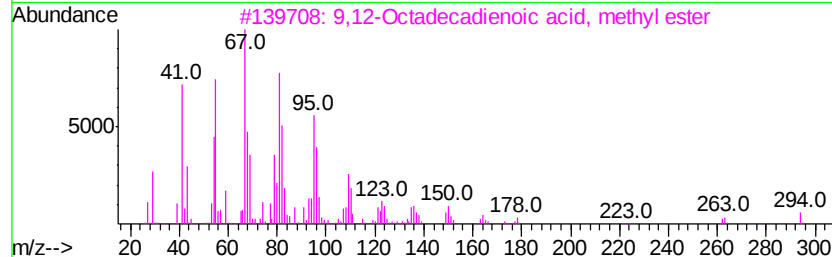
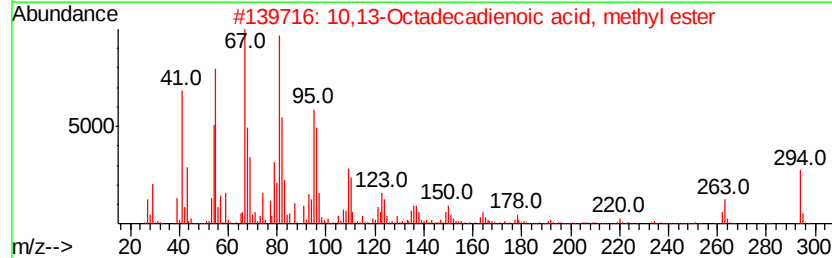
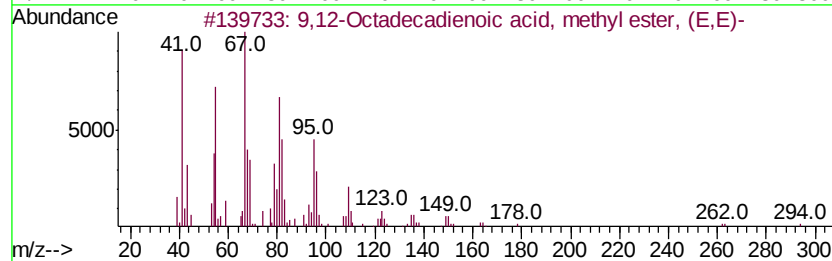
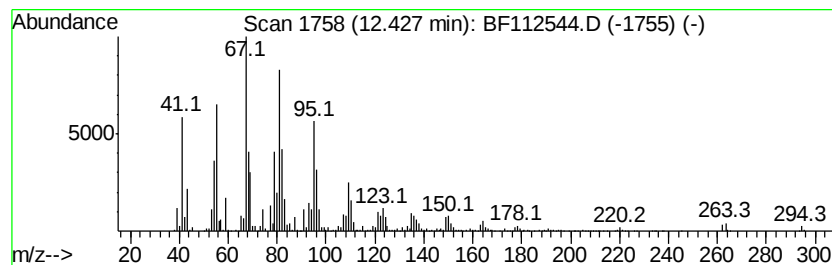
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	131.75 ng	4815050	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

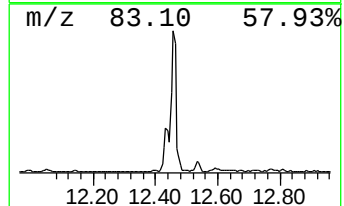
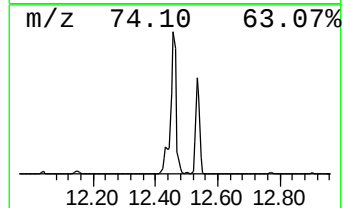
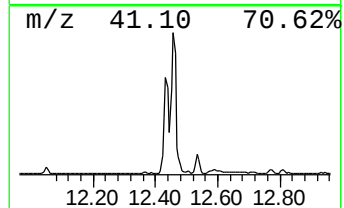
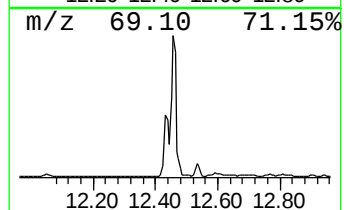
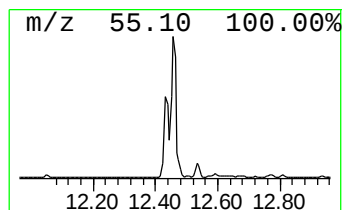
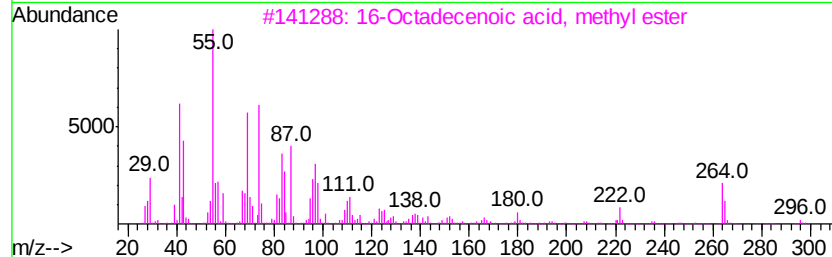
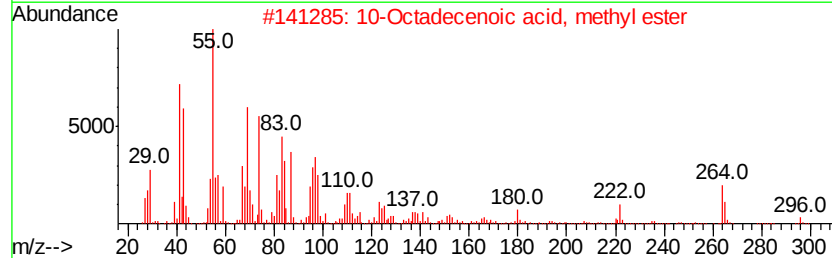
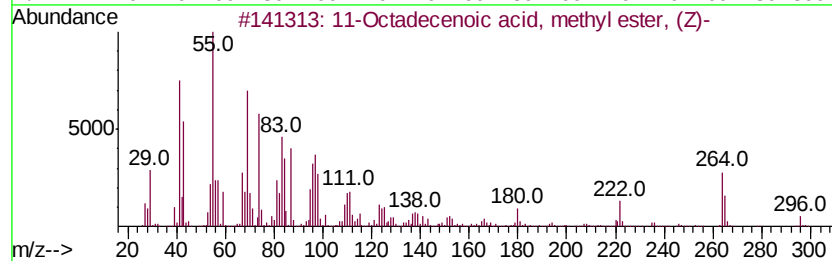
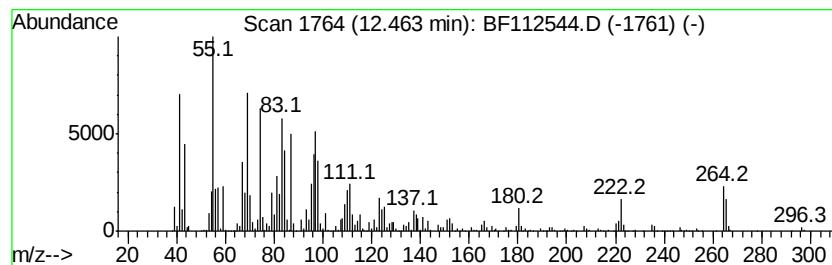
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	164.66 ng	6017760	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

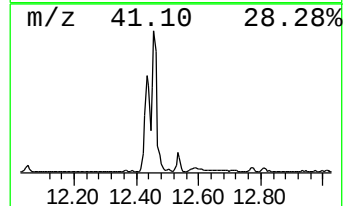
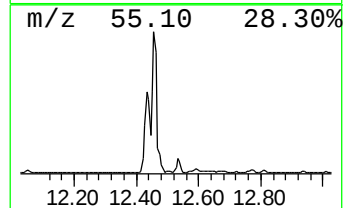
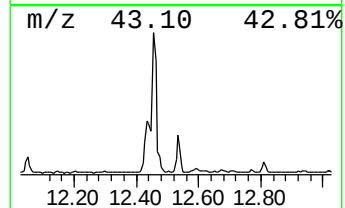
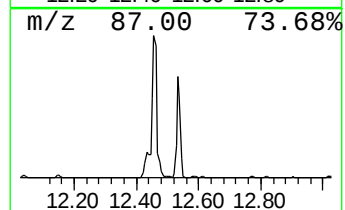
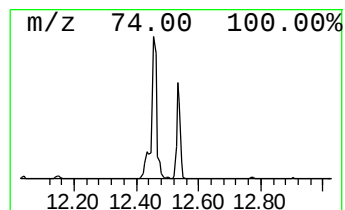
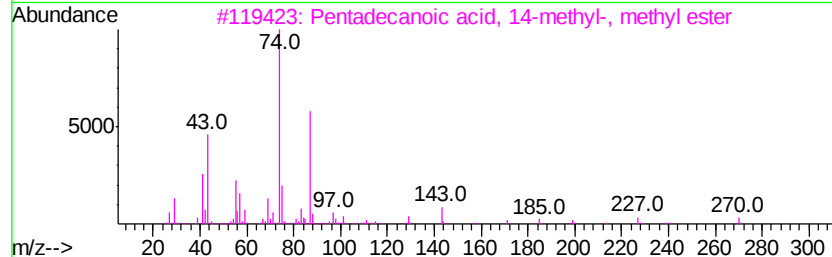
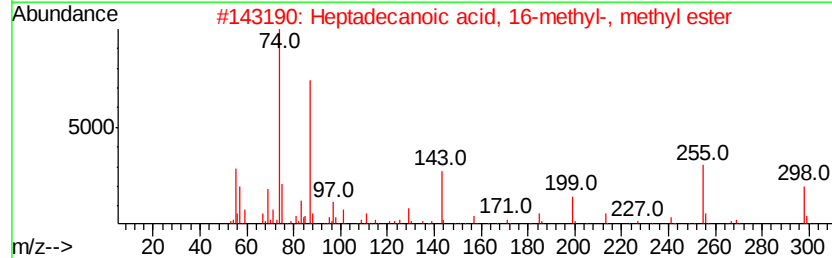
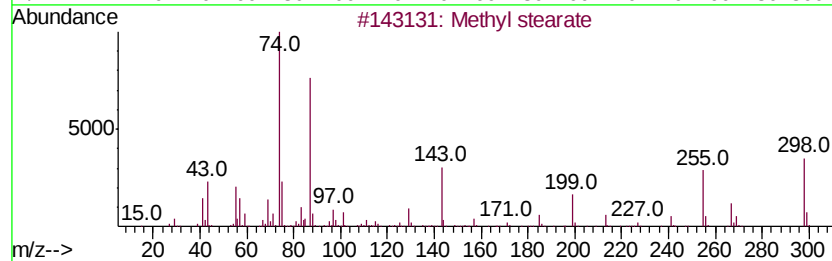
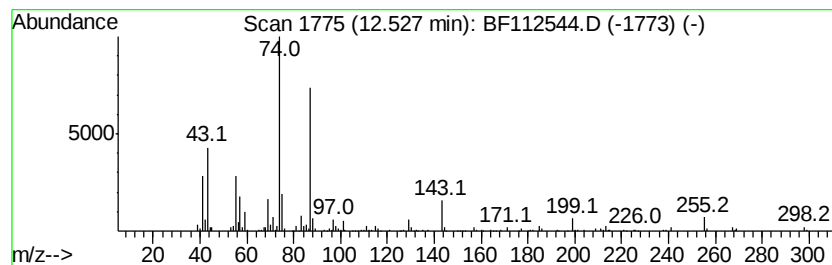
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	20.00 ng	730951	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 94
3		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 90
4		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 90
5		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

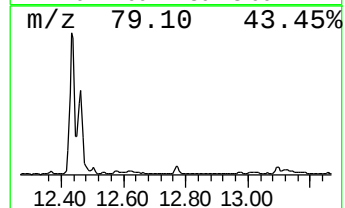
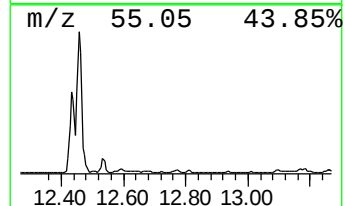
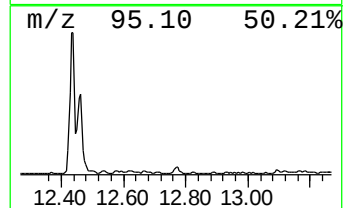
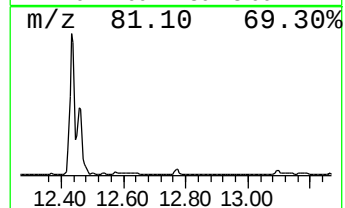
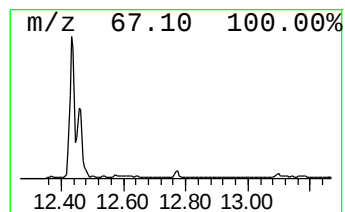
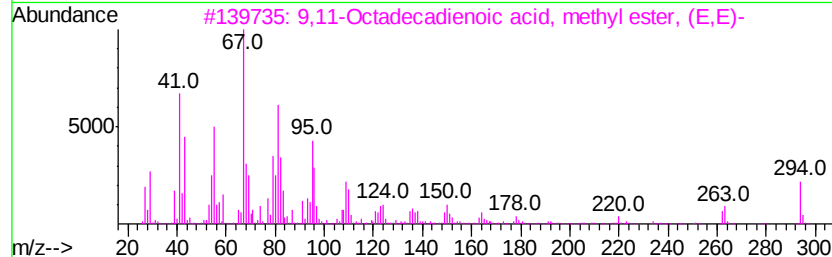
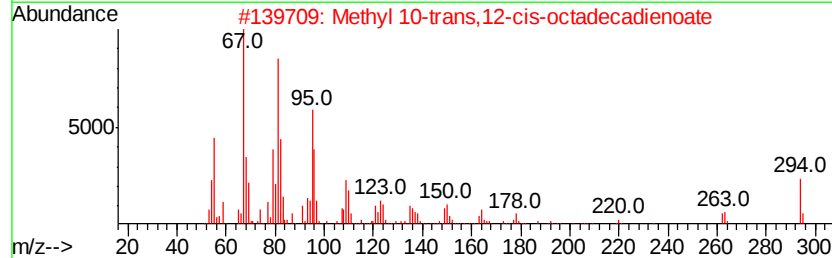
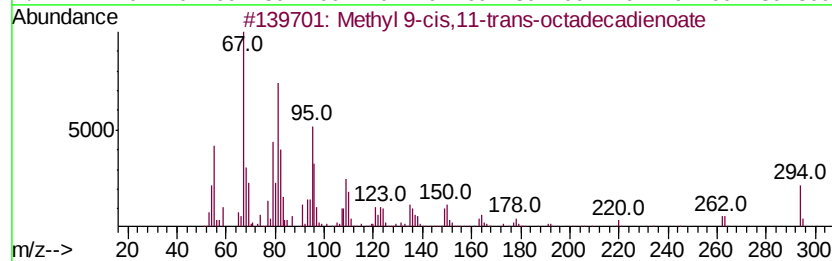
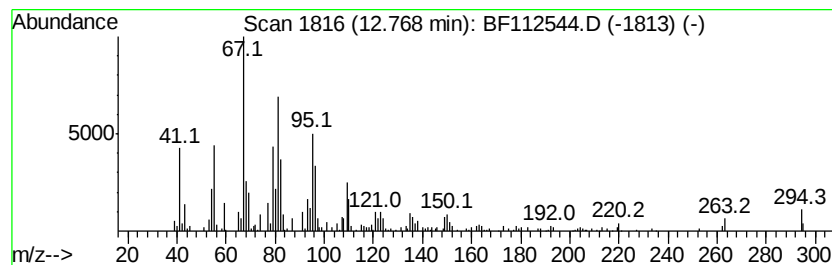
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methyl 9-cis,11-trans-octad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.44 ng	180435	Chrysene-d12	14.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
2			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94
3			9,11-Octadecadienoic acid, methv...	294	C19H34O2	013038-47-6	93
4			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	91
5			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

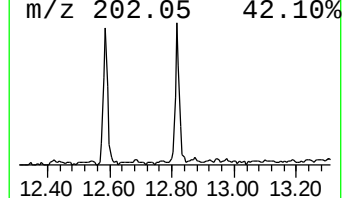
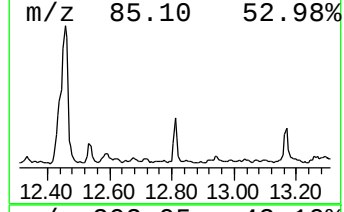
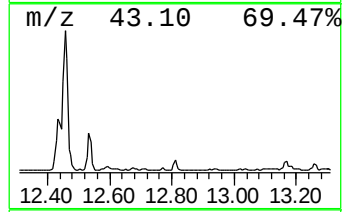
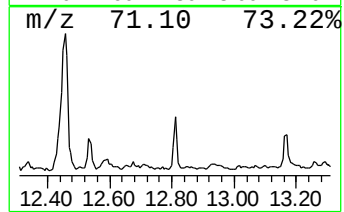
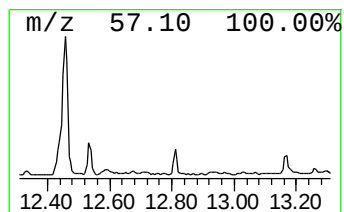
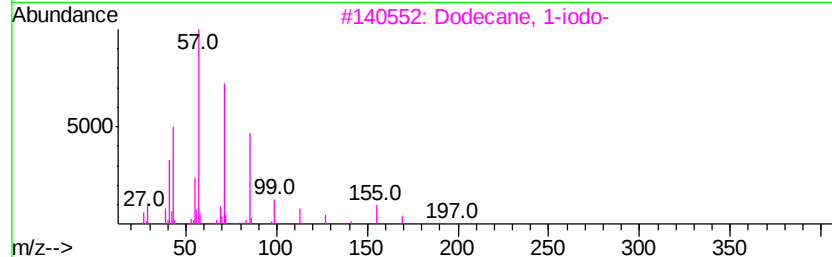
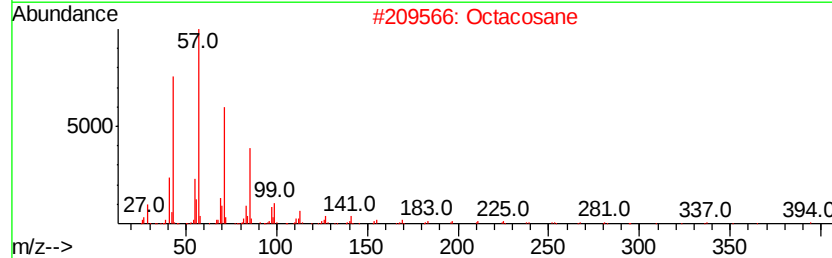
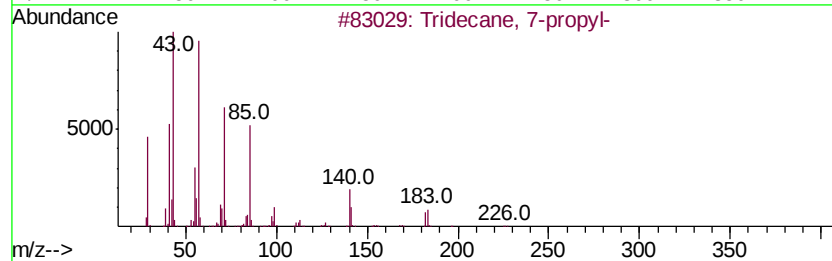
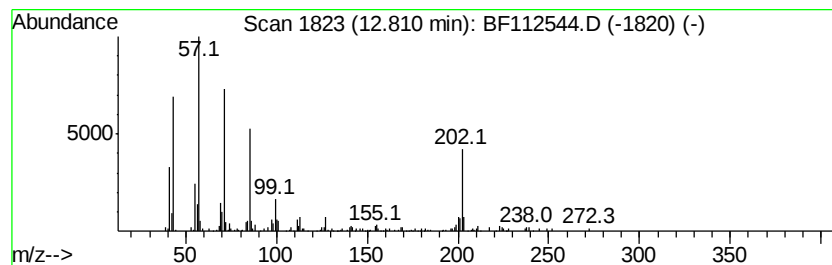
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 7-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.81	5.64 ng	187291	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	76
2	Octacosane	394	C28H58	000630-02-4	68
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

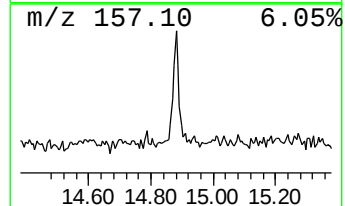
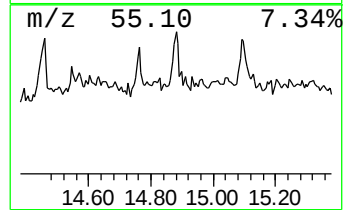
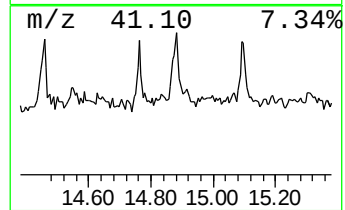
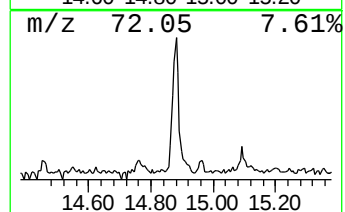
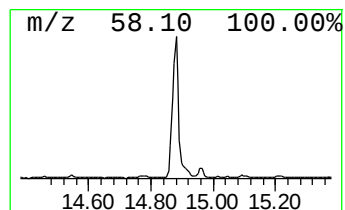
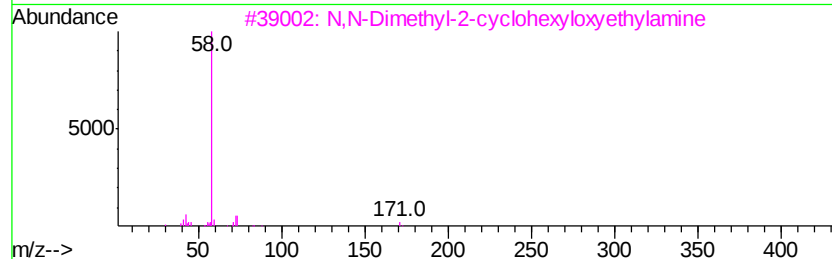
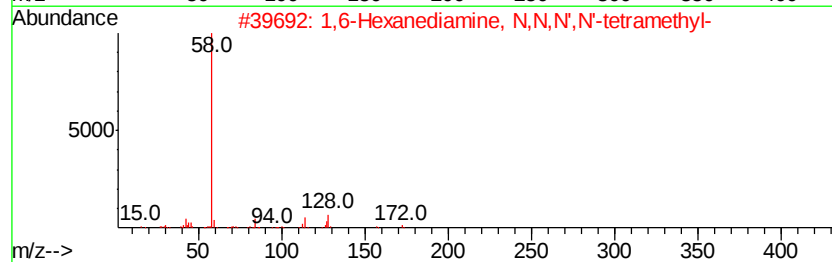
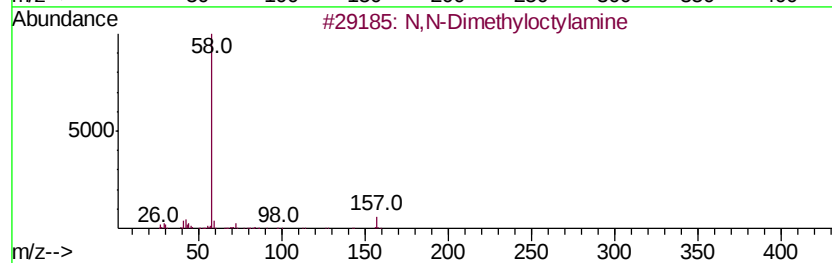
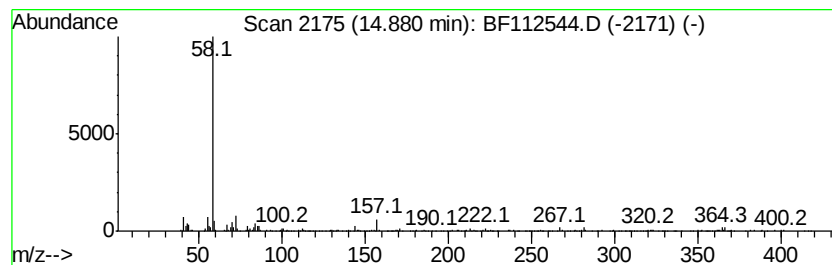
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	16.33 ng	338003	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
2		1,6-Hexanediamine, N,N,N',N'-tet...	172	C10H24N2	000111-18-2	64
3		N,N-Dimethyl-2-cyclohexyloxvethv...	171	C10H21NO	071126-60-8	64
4		Benzedrex	155	C10H21N	000101-40-6	59
5		3(N,N-Dimethylmyristylammonio)pr...	363	C19H41N03S	014933-09-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

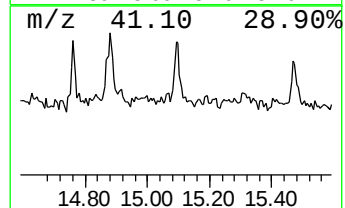
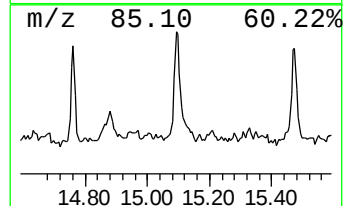
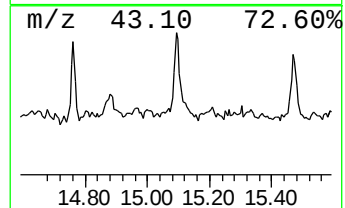
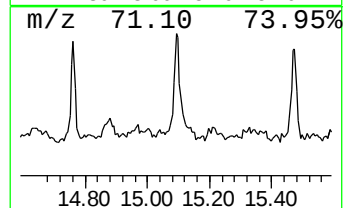
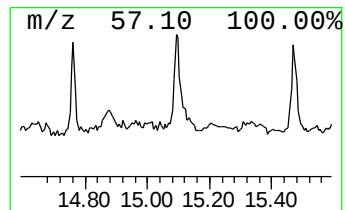
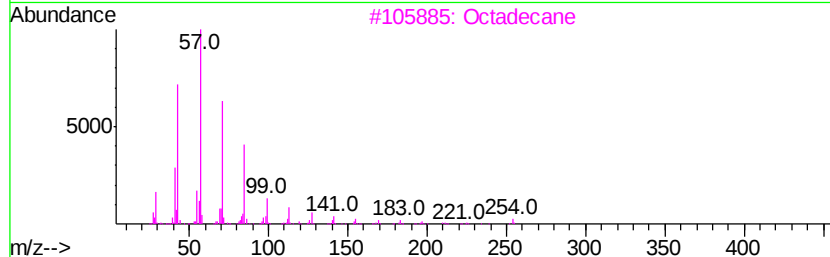
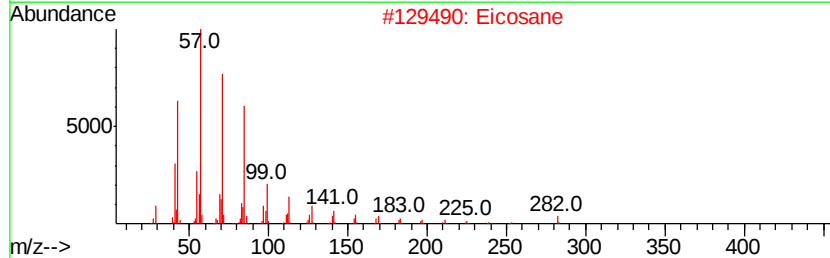
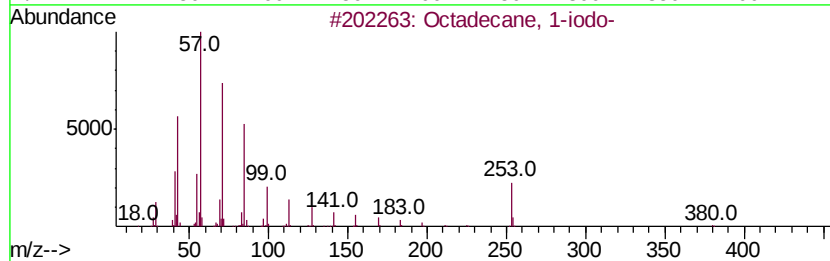
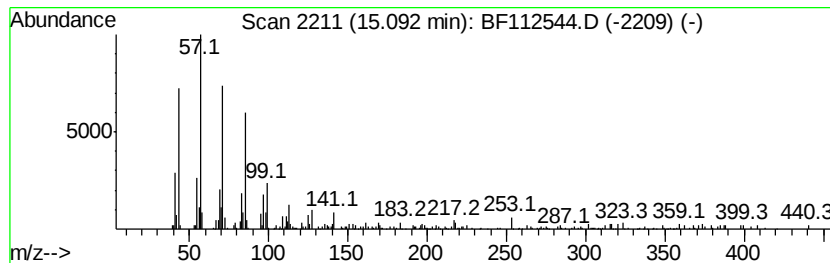
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.09	12.62 ng	261215	Perylene-d12	15.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	93
2	Eicosane		282	C20H42	000112-95-8	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Heptadecane, 3-methyl-		254	C18H38	006418-44-6	90
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112544.D
 Acq On : 13 Feb 2019 17:42
 Operator : JU/SJ
 Sample : K1343-25 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.61	6.61	16.5	ng	476369	1	6.83	577798	20.0
Tridecane	8.70	5.6	ng	212611	2	8.12	754180	20.0
Tetradecane	9.27	7.1	ng	274500	3	9.87	773524	20.0
Hexadecane	10.30	8.7	ng	337433	3	9.87	773524	20.0
Pentadecane	10.77	10.6	ng	387916	4	11.36	730946	20.0
Octadecane	11.22	6.5	ng	237622	4	11.36	730946	20.0
Nonadecane	11.64	5.2	ng	191602	4	11.36	730946	20.0
Hexadecanoic acid...	11.74	49.1	ng	1795740	4	11.36	730946	20.0
Tridecane, 1-iodo-	12.05	5.0	ng	182549	4	11.36	730946	20.0
9,12-Octadecadien...	12.43	131.8	ng	4815050	4	11.36	730946	20.0
11-Octadecenoic a...	12.46	164.7	ng	6017760	4	11.36	730946	20.0
Methyl stearate	12.53	20.0	ng	730951	4	11.36	730946	20.0
Methyl 9-cis,11-t...	12.77	5.4	ng	180435	5	14.02	663700	20.0
Tridecane, 7-propyl-	12.81	5.6	ng	187291	5	14.02	663700	20.0
N,N-Dimethyloctyl...	14.88	16.3	ng	338003	6	15.50	414066	20.0
Octadecane, 1-iodo-	15.09	12.6	ng	261215	6	15.50	414066	20.0