

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096820.D
 Acq On : 17 Jul 2017 15:36
 Operator : SJ/JU
 Sample : I4193-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071317

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.787	472	476	488	rVB	175290	276799	3.90%	0.675%
2	5.222	545	550	553	rBV	2552886	2622145	36.94%	6.394%
3	6.263	721	727	730	rBV	2345987	2673802	37.67%	6.520%
4	6.387	743	748	751	rBV	2567707	2593111	36.54%	6.323%
5	6.610	782	786	789	rBV	830026	661454	9.32%	1.613%
6	6.769	808	813	816	rBV	2187140	1972290	27.79%	4.809%
7	7.175	877	882	885	rBV	1748520	1684723	23.74%	4.108%
8	7.892	1000	1004	1007	rBV	1073152	913103	12.87%	2.227%
9	8.969	1182	1187	1190	rBV	2796445	2481668	34.97%	6.052%
10	9.363	1249	1254	1256	rBV	496982	429297	6.05%	1.047%
11	9.633	1295	1300	1304	rBV	925411	871069	12.27%	2.124%
12	10.422	1429	1434	1437	rBV	1338222	1212882	17.09%	2.958%
13	10.557	1453	1457	1458	rBV2	85889	87510	1.23%	0.213%
14	10.657	1471	1474	1477	rVB	162090	122472	1.73%	0.299%
15	11.110	1544	1551	1553	rBV	784012	680907	9.59%	1.660%
16	11.133	1553	1555	1558	rVV	160119	126230	1.78%	0.308%
17	11.445	1603	1608	1612	rBV2	426890	434441	6.12%	1.059%
18	11.527	1617	1622	1625	rBV	3512849	3411746	48.07%	8.320%
19	11.669	1642	1646	1652	rVB	391895	422797	5.96%	1.031%
20	11.716	1652	1654	1657	rBV2	74100	74001	1.04%	0.180%
21	11.845	1672	1676	1679	rVB2	77685	90325	1.27%	0.220%
22	11.927	1688	1690	1697	rVB2	120741	109087	1.54%	0.266%
23	12.210	1733	1738	1740	rVV	2998135	3642095	51.32%	8.881%
24	12.239	1740	1743	1749	rVV	5186212	7097436	100.00%	17.307%
25	12.316	1752	1756	1760	rVV	2374064	2095725	29.53%	5.110%
26	12.369	1760	1765	1772	rVV	213279	314079	4.43%	0.766%
27	12.445	1775	1778	1782	rBV3	85751	84077	1.18%	0.205%
28	12.539	1790	1794	1798	rBV	267997	315035	4.44%	0.768%
29	12.580	1798	1801	1805	rVV2	40524	75997	1.07%	0.185%
30	12.698	1817	1821	1824	rBV	1633722	1475104	20.78%	3.597%
31	12.957	1860	1865	1867	rBV3	232008	234598	3.31%	0.572%
32	13.033	1875	1878	1881	rBV	169655	155768	2.19%	0.380%
33	13.139	1893	1896	1900	rBV2	105506	102171	1.44%	0.249%
34	13.457	1946	1950	1953	rBV3	121055	147551	2.08%	0.360%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.604	1972	1975	1978	rBV	139269	154568	2.18%	0.377%
36	13.704	1989	1992	1994	rBV	91589	93107	1.31%	0.227%
37	13.733	1994	1997	2000	rVV	717179	681631	9.60%	1.662%
38	15.110	2228	2231	2234	rVB2	343828	387917	5.47%	0.946%

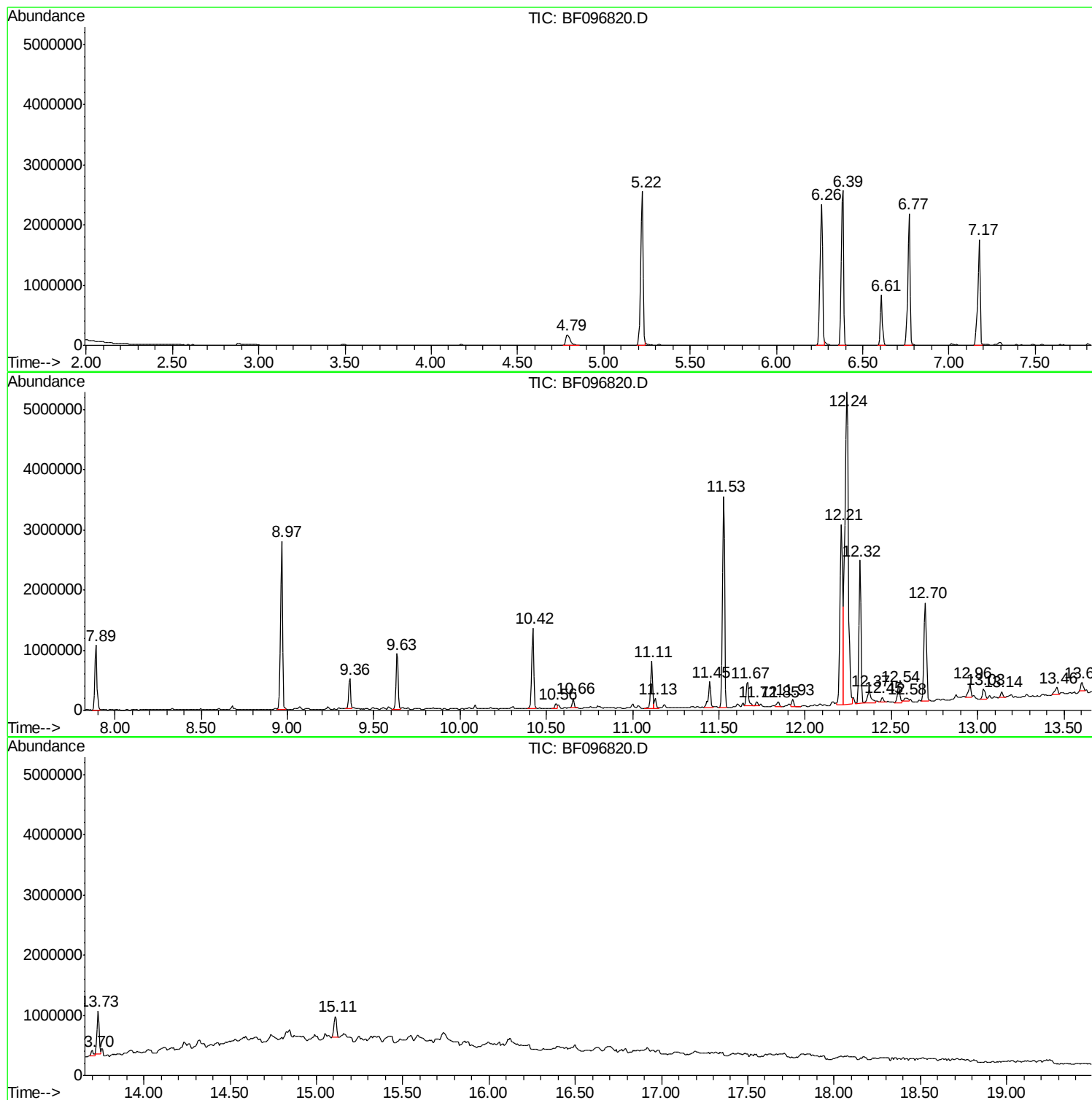
Sum of corrected areas: 41008718

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

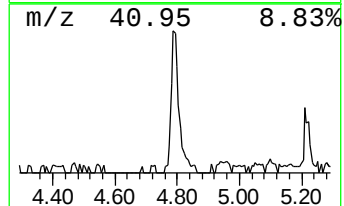
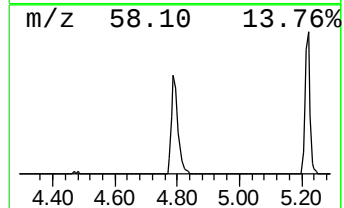
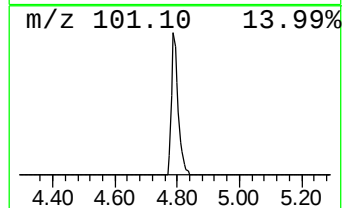
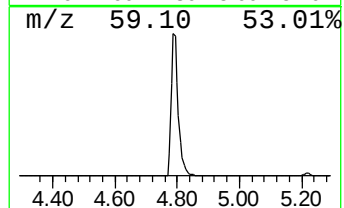
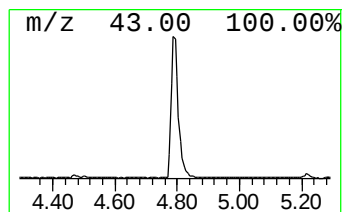
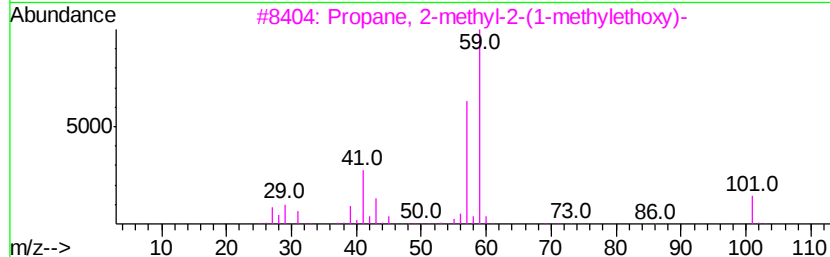
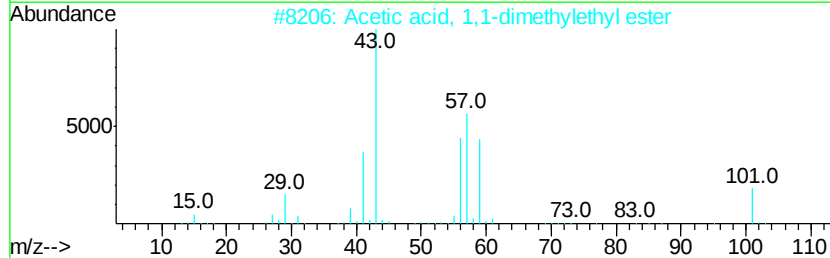
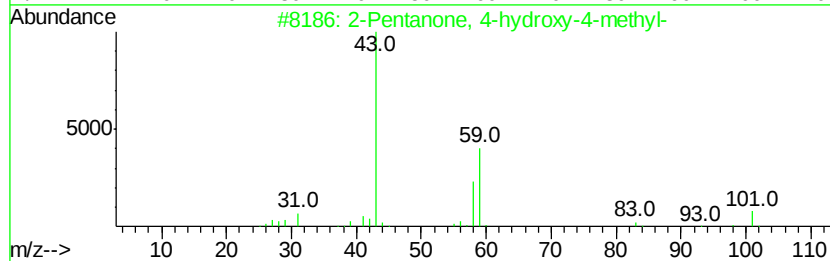
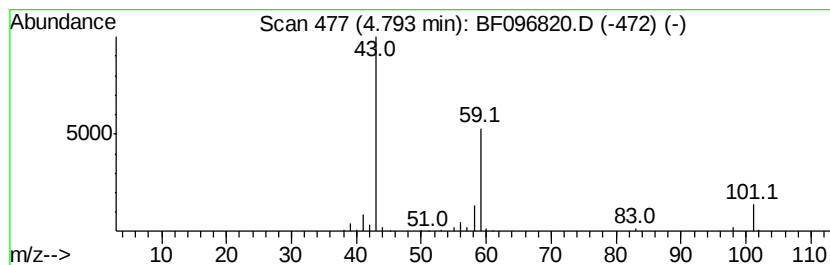
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	8.37 ng	276799	1,4-Dichlorobenzene-d4	6.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			3-Octanol	130	C8H18O	000589-98-0	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

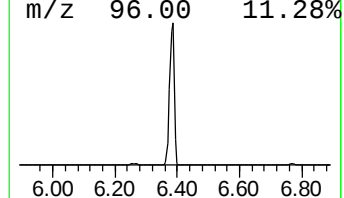
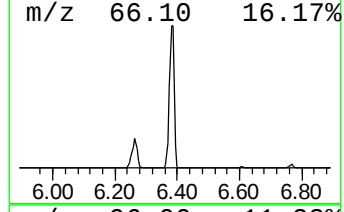
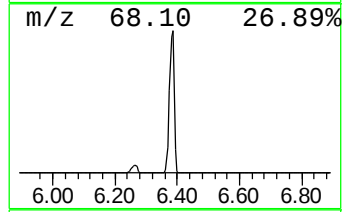
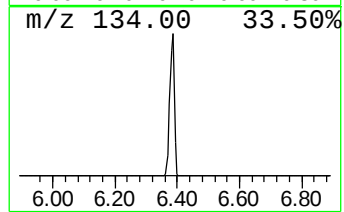
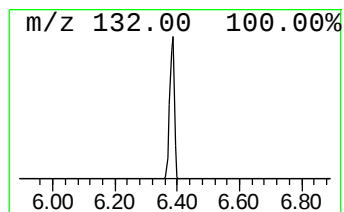
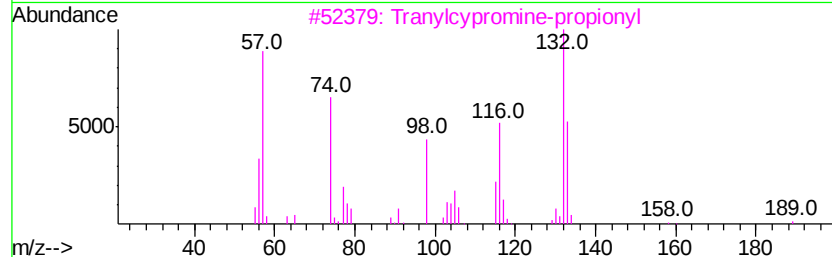
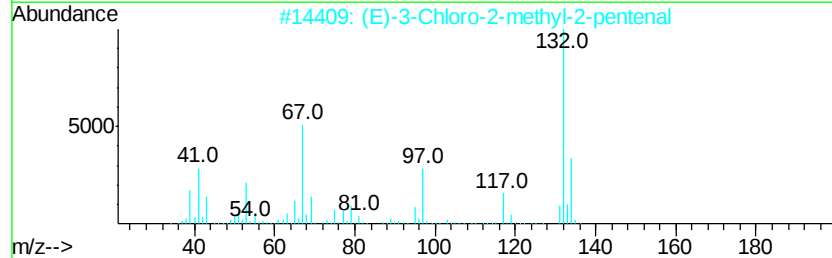
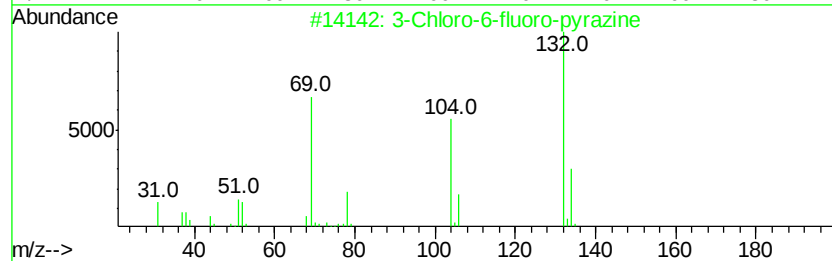
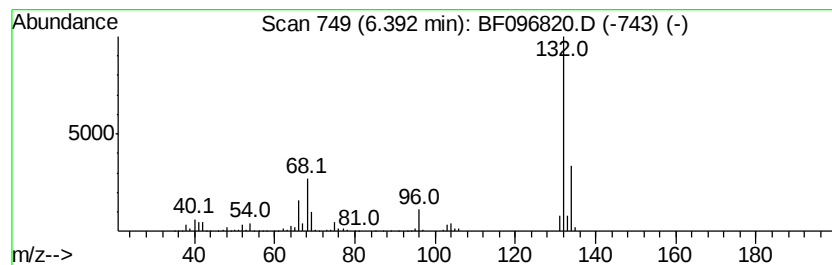
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	78.41 ng	2593110	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

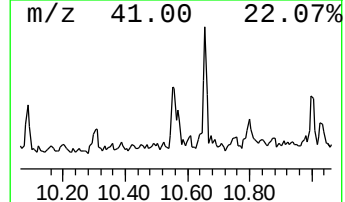
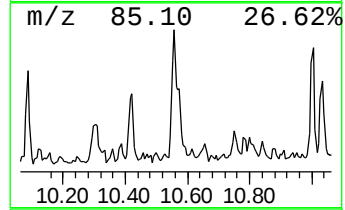
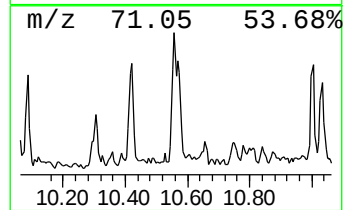
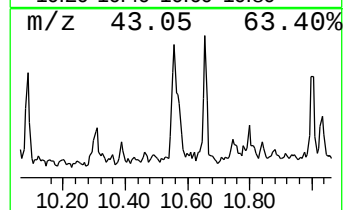
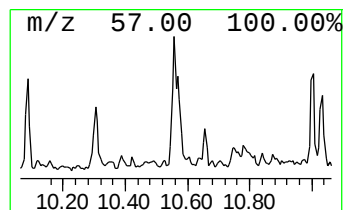
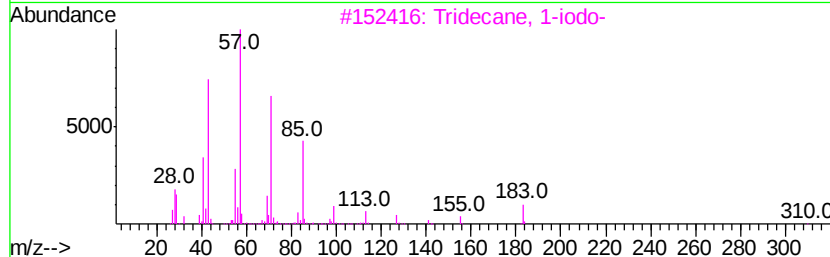
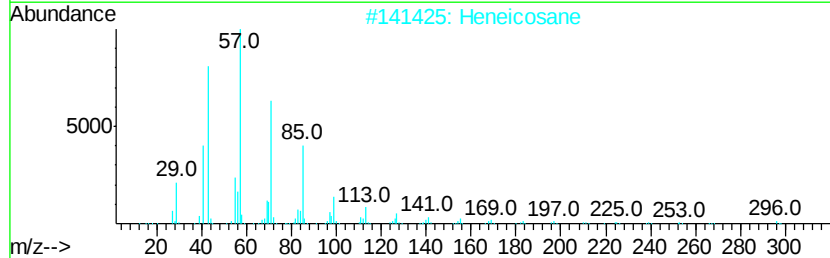
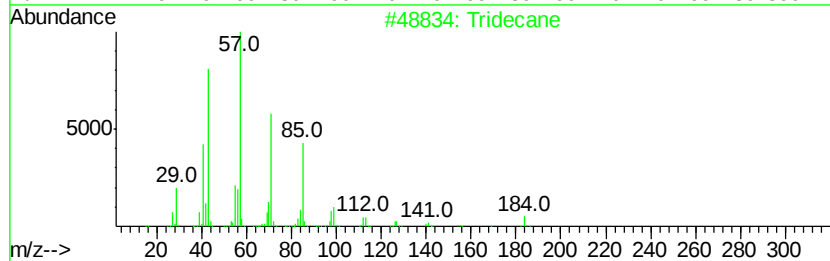
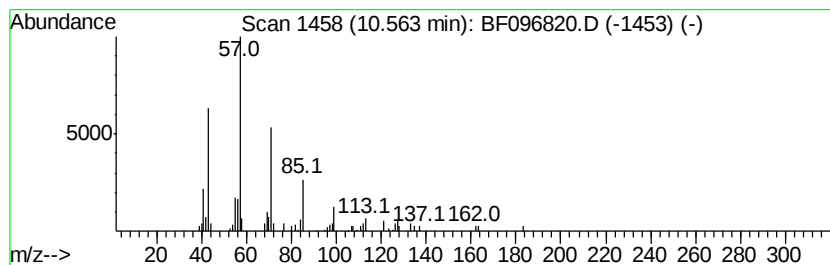
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.57 ng	87510	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

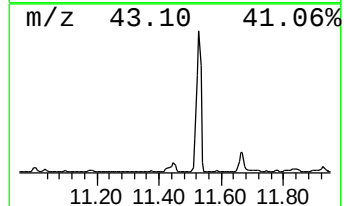
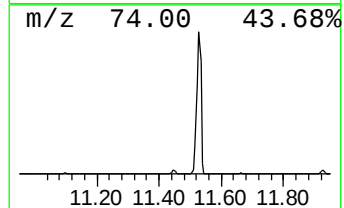
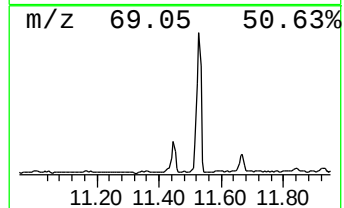
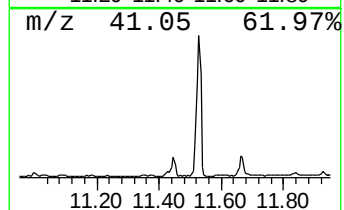
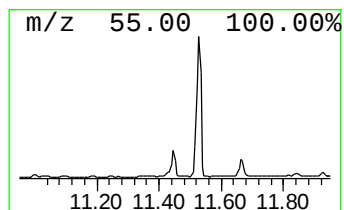
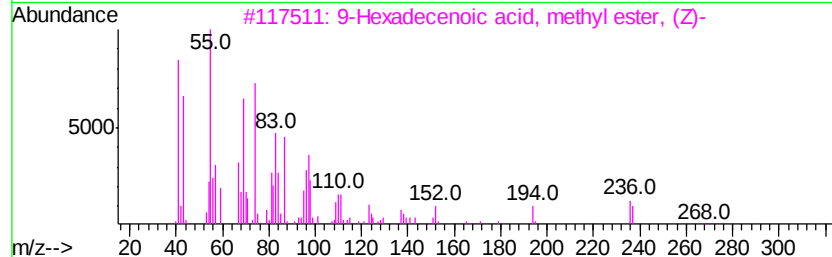
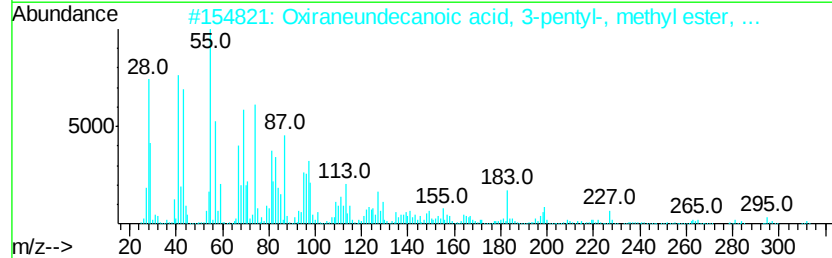
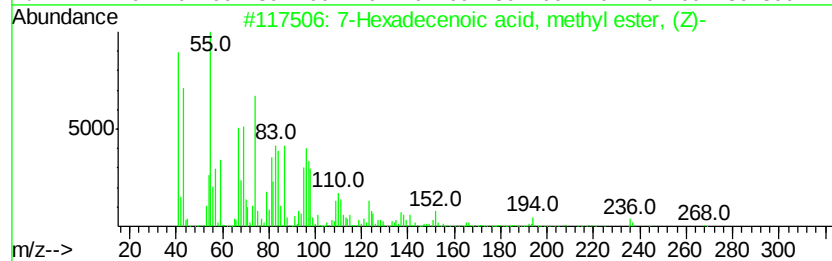
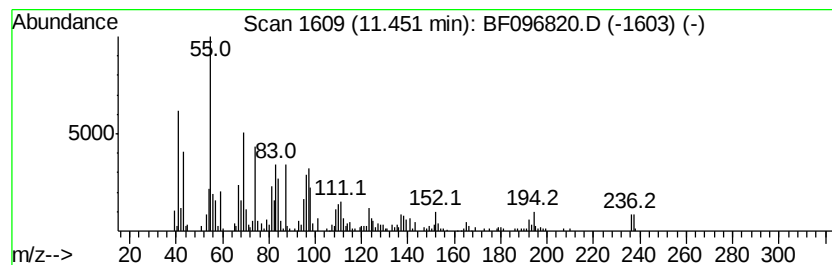
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 7-Hexadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	12.76 ng	434441	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	58
2		Oxiraneundecanoic acid, 3-pentyl...	312	C19H36O3	038520-31-9	50
3		9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	50
4		Chloromethyl 7-chlorododecanoate	282	C13H24Cl2O2	080419-03-0	38
5		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

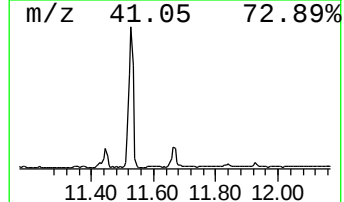
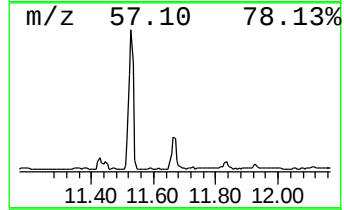
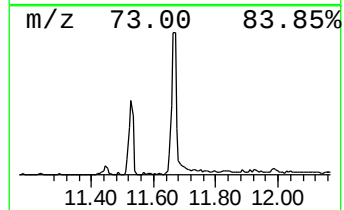
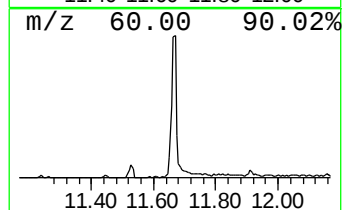
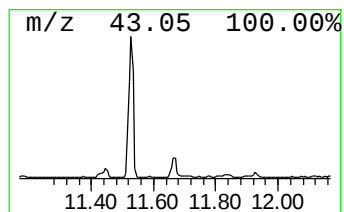
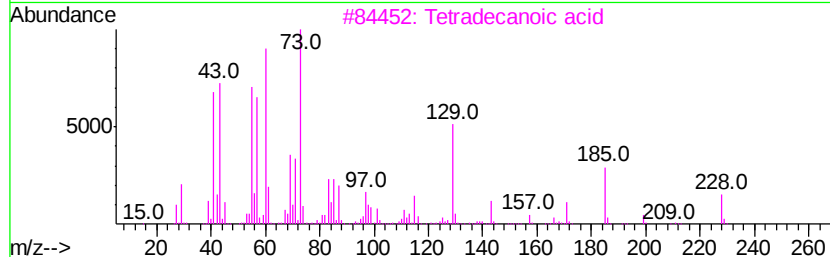
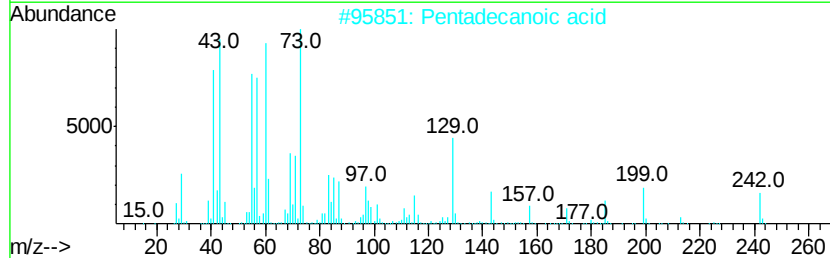
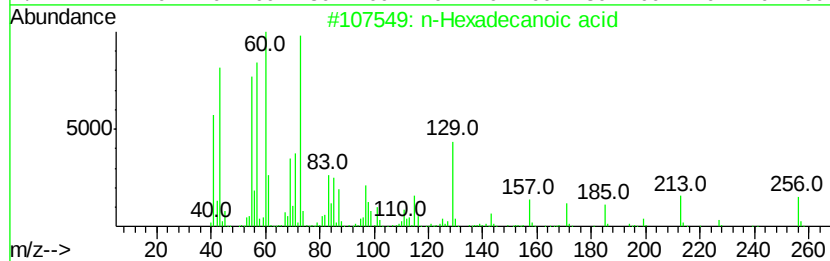
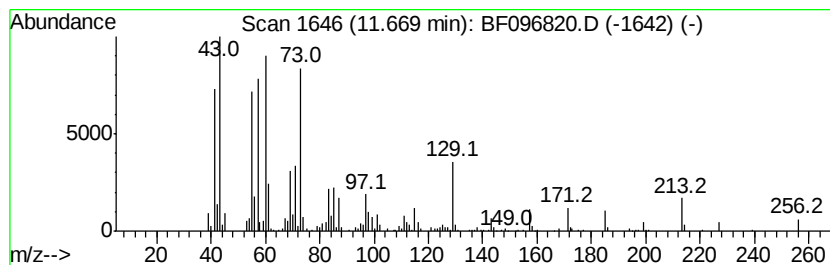
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	12.42 ng	422797	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

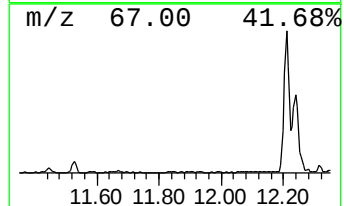
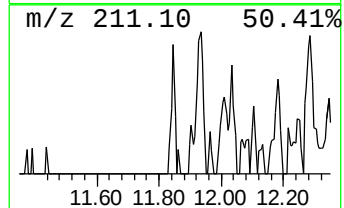
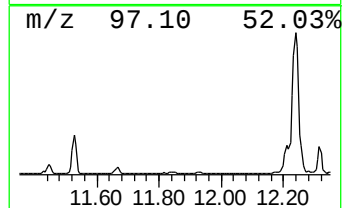
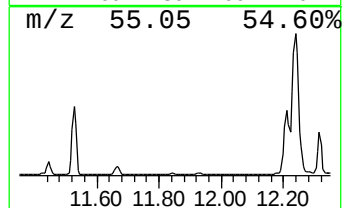
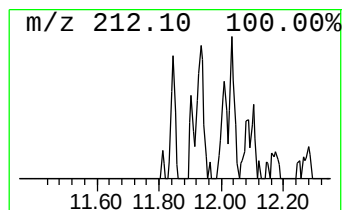
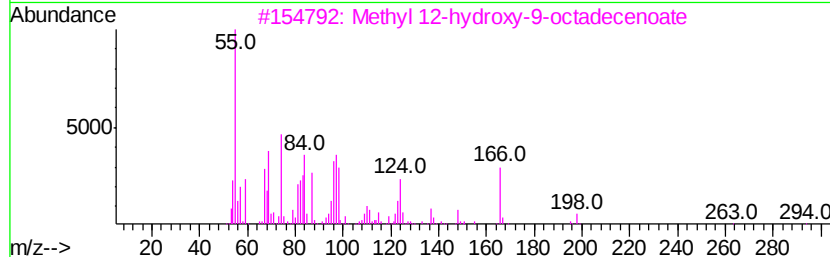
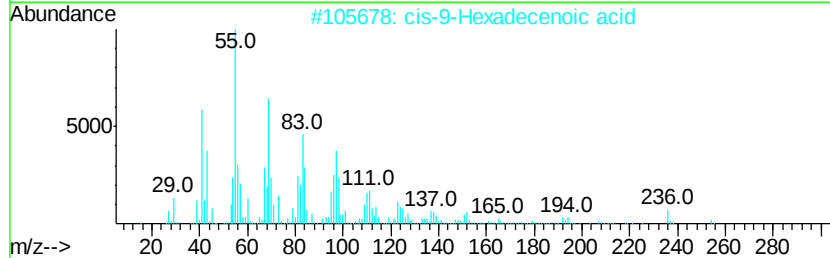
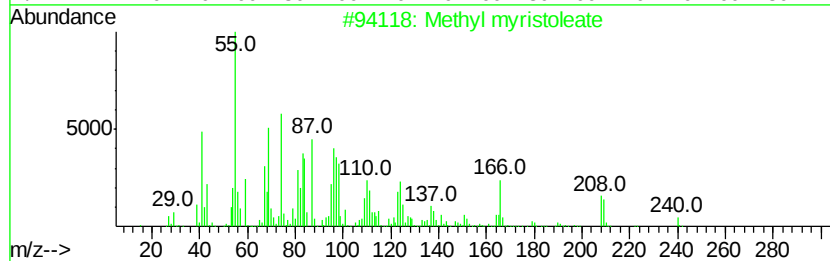
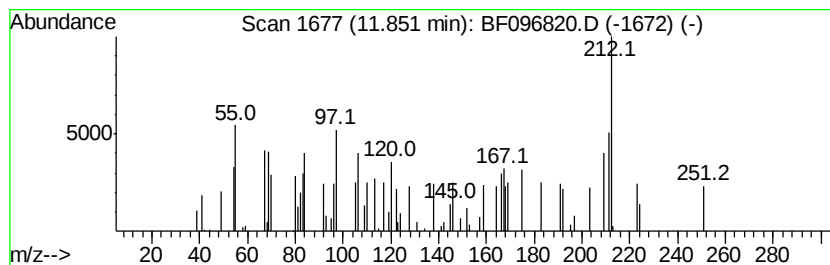
Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	2.65 ng	90325	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl myristoleate	240	C15H28O2	056219-06-8	46
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	46
3	Methyl 12-hydroxy-9-octadecenoate	312	C19H36O3	1000336-28-8	43
4	Methyl Z-11-tetradecenoate	240	C15H28O2	1000130-82-8	43
5	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

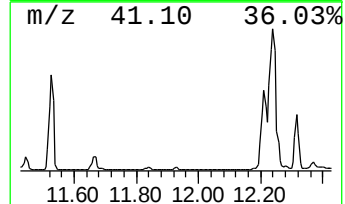
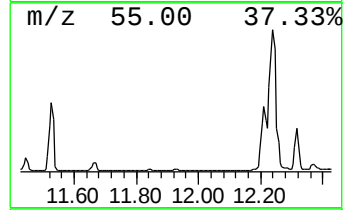
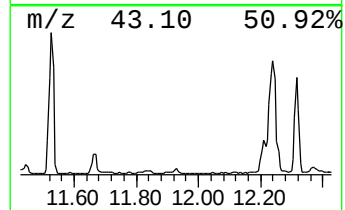
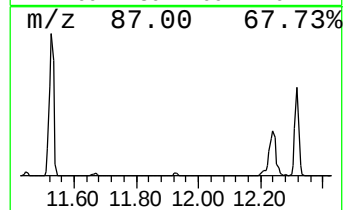
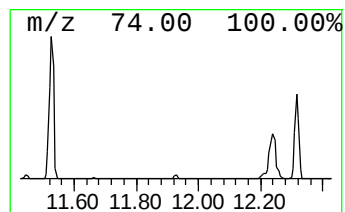
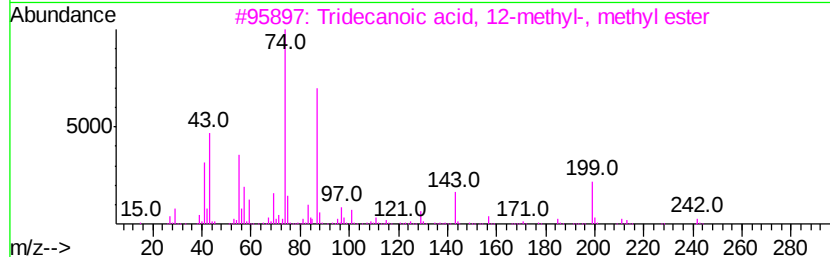
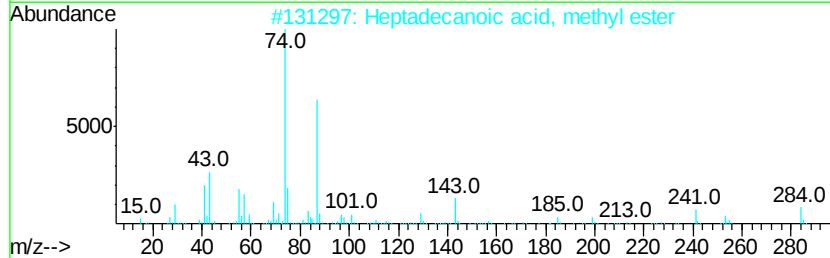
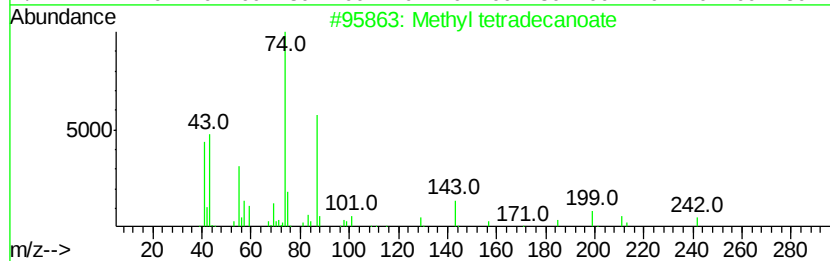
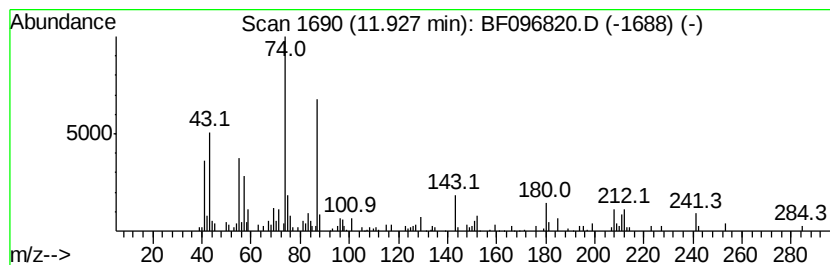
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl tetradecanoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.20 ng	109087	Phenanthrene-d10	11.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl tetradecanoate	242	C15H30O2	000124-10-7	89
2			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	72
3			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	68
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	64
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

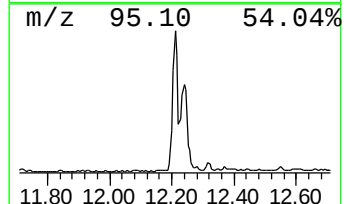
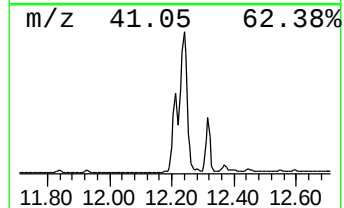
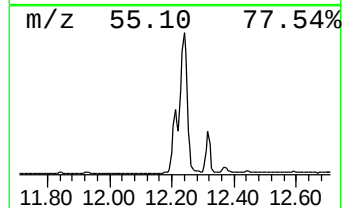
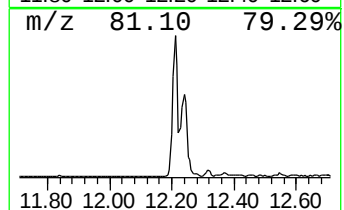
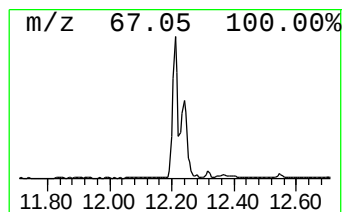
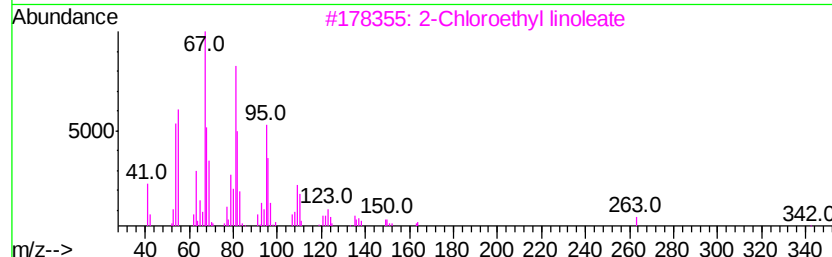
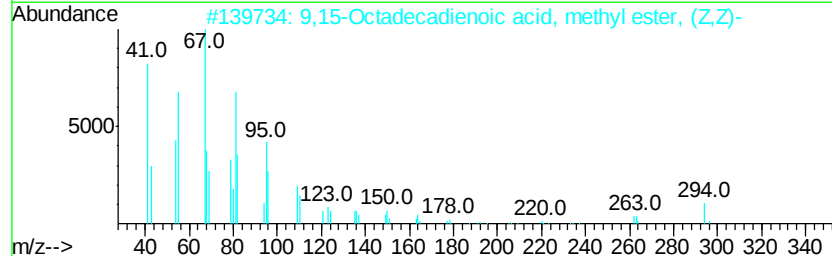
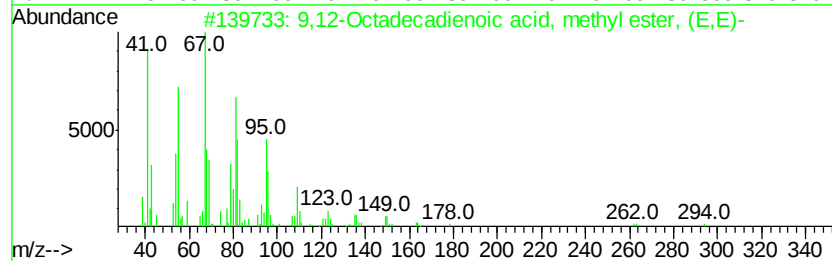
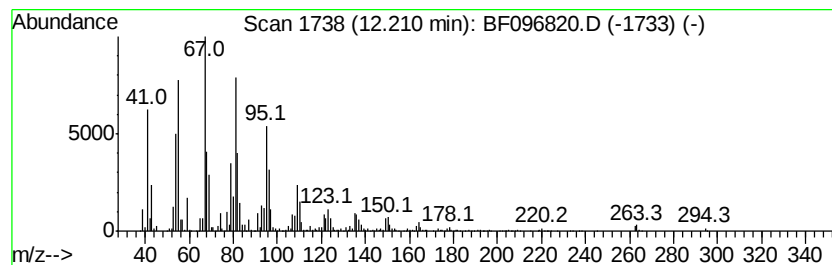
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	106.98 ng	3642100	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	96
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
3		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	94
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93
5		9-Hexadecyn-1-ol	238	C16H30O	1000342-40-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

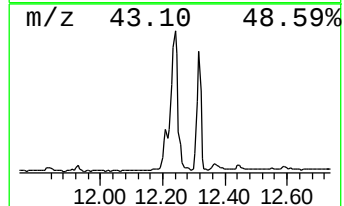
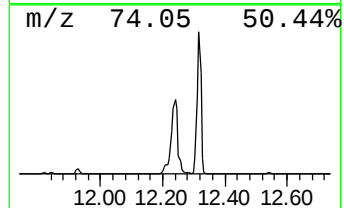
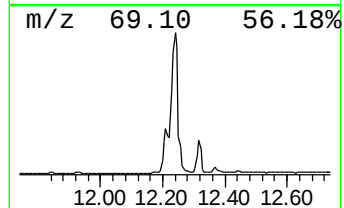
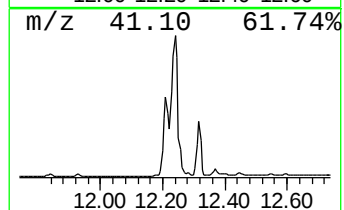
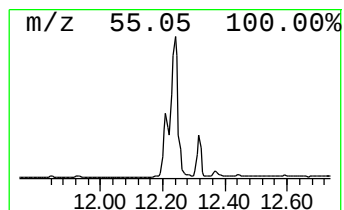
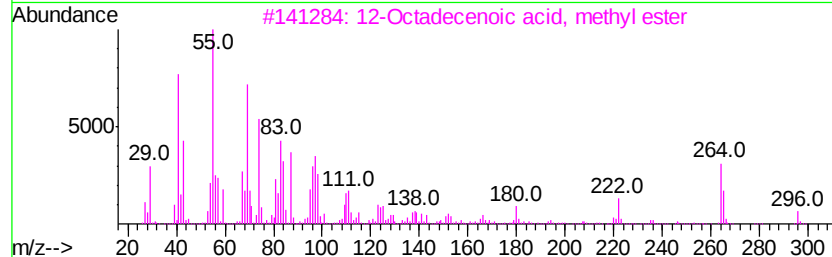
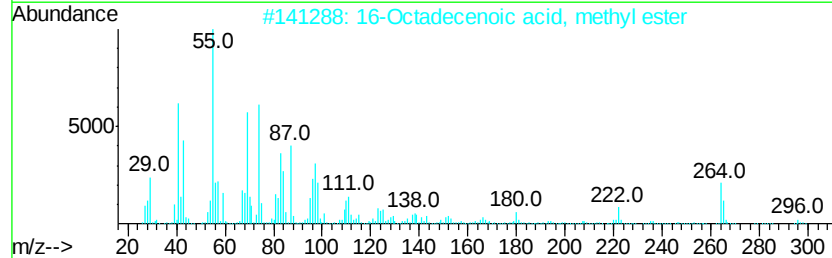
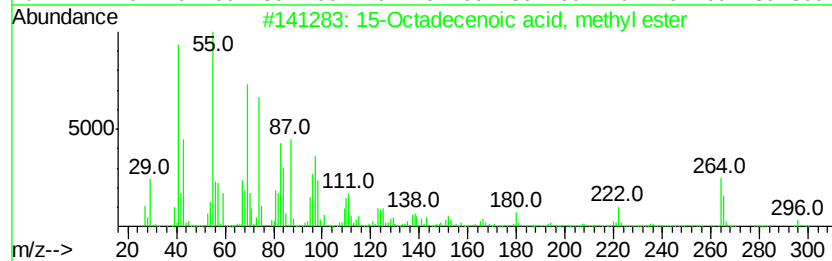
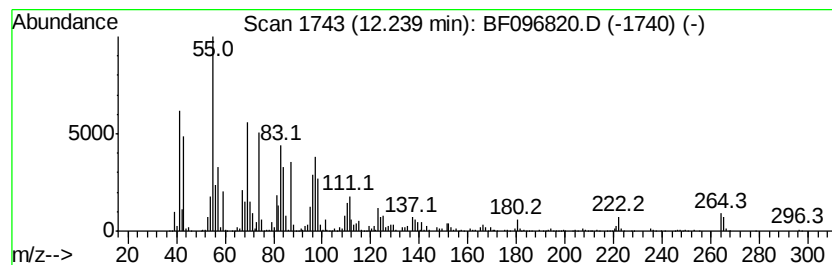
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 15-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	208.47 ng	7097440	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	95
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

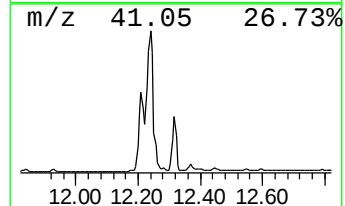
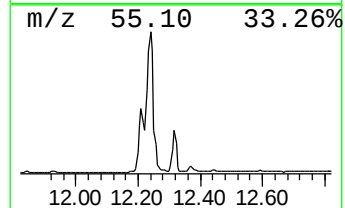
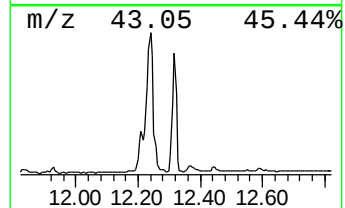
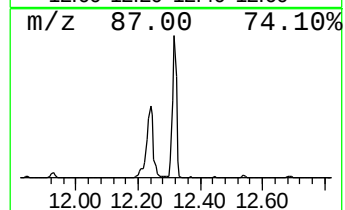
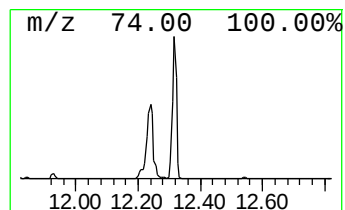
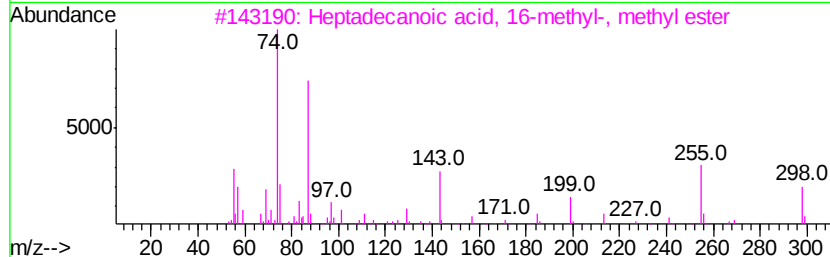
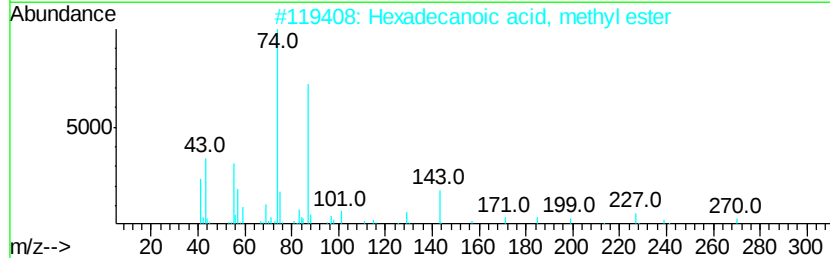
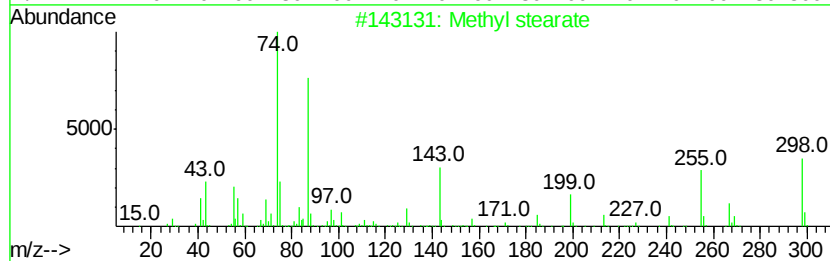
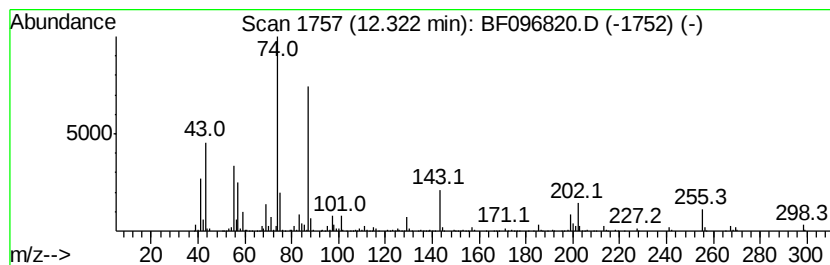
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	61.56 ng	2095730	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	97
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

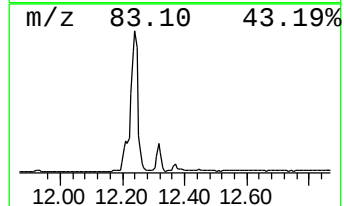
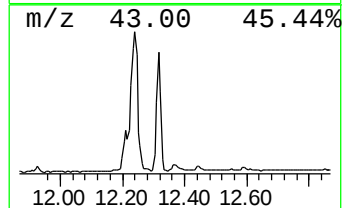
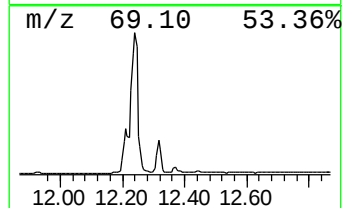
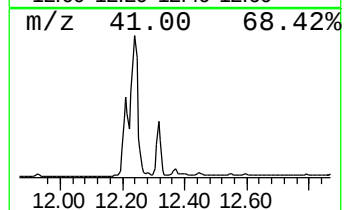
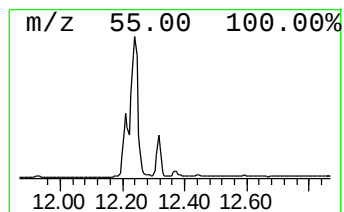
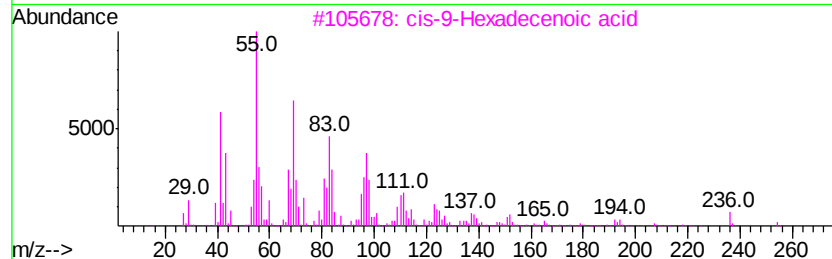
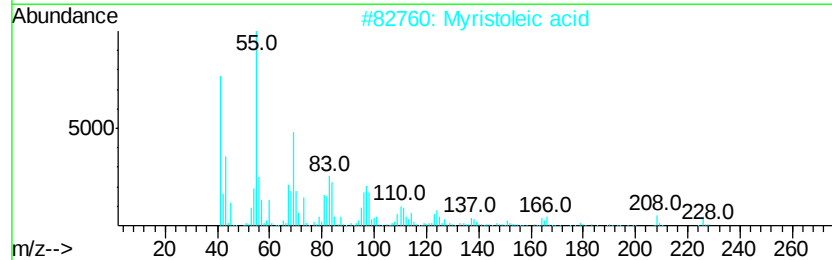
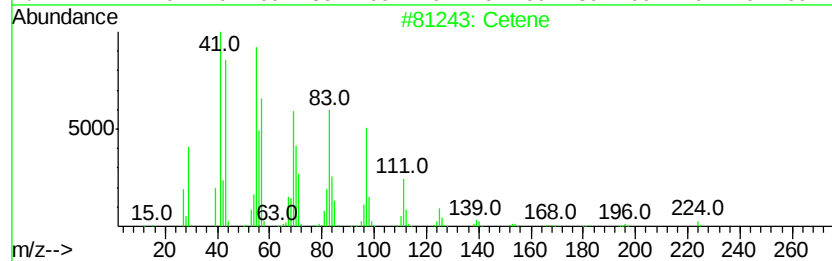
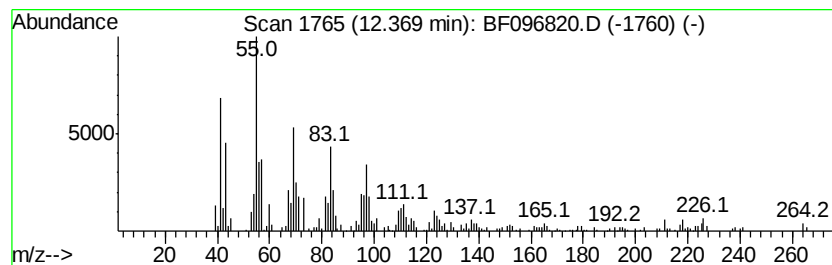
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cetene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.23 ng	314079	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cetene	224	C16H32	000629-73-2	95
2		Myristoleic acid	226	C14H26O2	000544-64-9	92
3		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
4		8-Heptadecene	238	C17H34	002579-04-6	90
5		Z-8-Hexadecene	224	C16H32	1000130-87-5	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

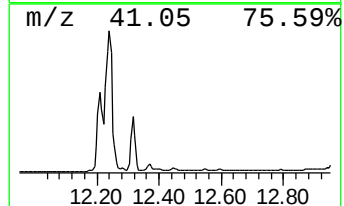
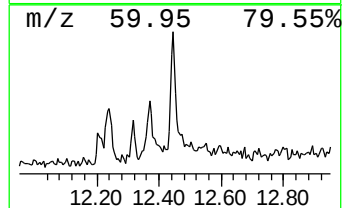
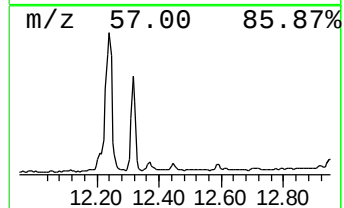
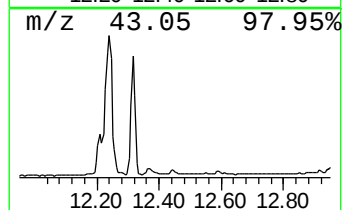
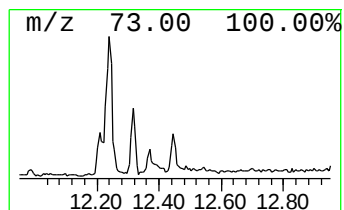
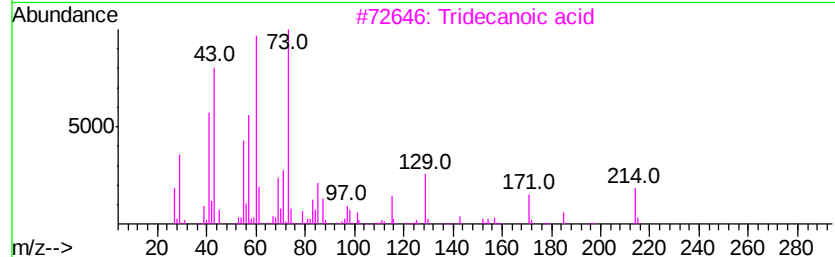
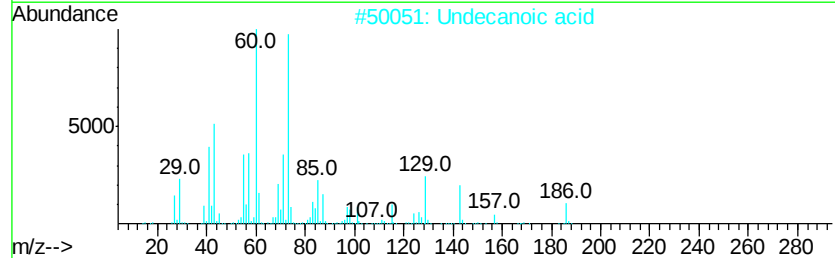
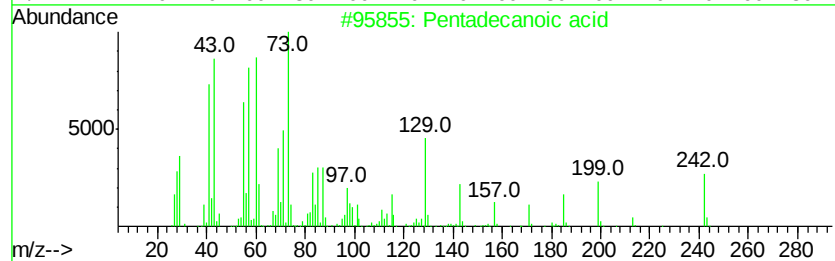
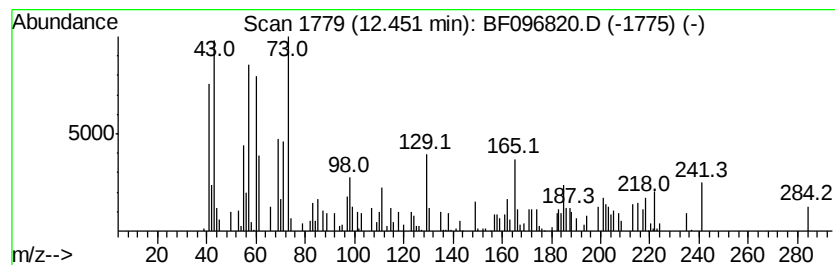
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.47 ng	84077	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2		Undecanoic acid	186	C11H22O2	000112-37-8	53
3		Tridecanoic acid	214	C13H26O2	000638-53-9	47
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5		Undecane	156	C11H24	001120-21-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

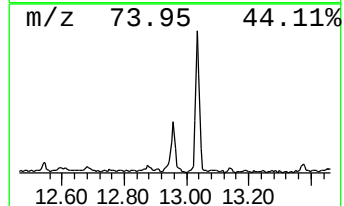
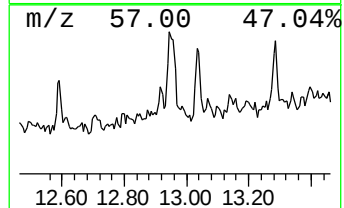
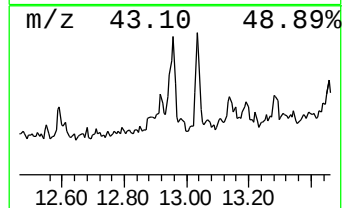
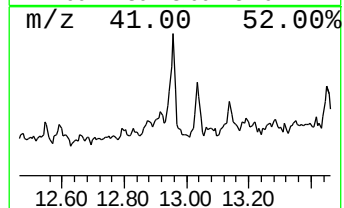
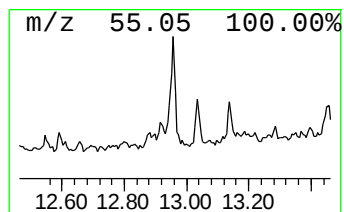
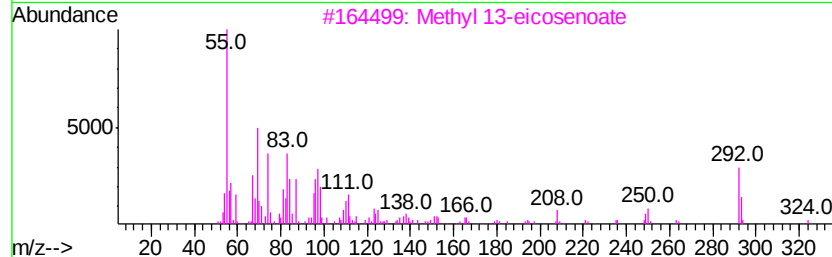
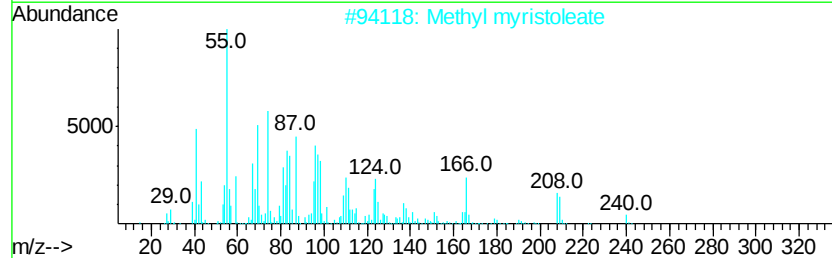
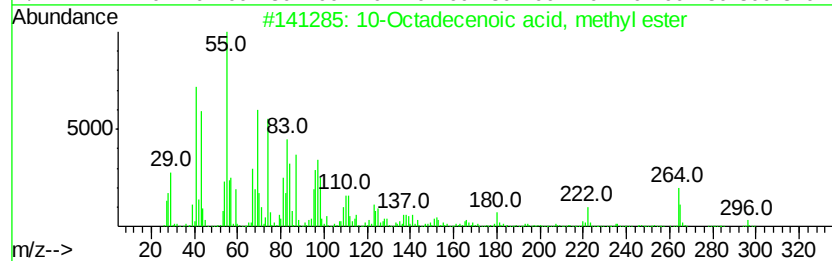
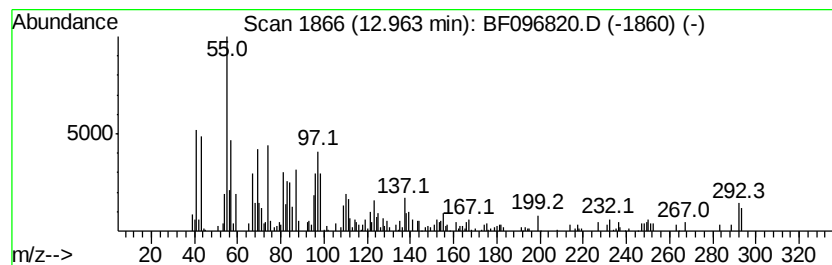
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 10-Octadecenoic acid, methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	6.88 ng	234598	Chrysene-d12	13.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87
2			Methyl myristoleate	240	C15H28O2	056219-06-8	87
3			Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	87
4			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	83
5			Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

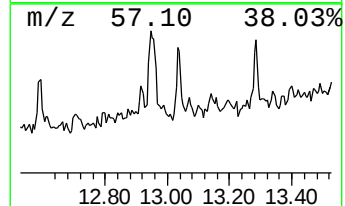
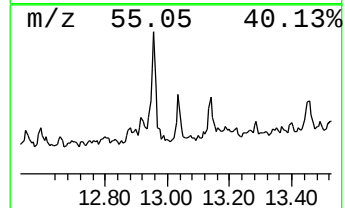
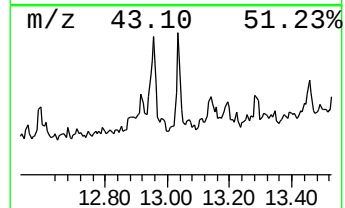
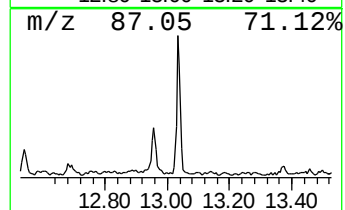
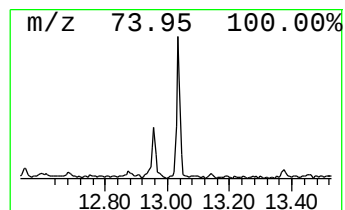
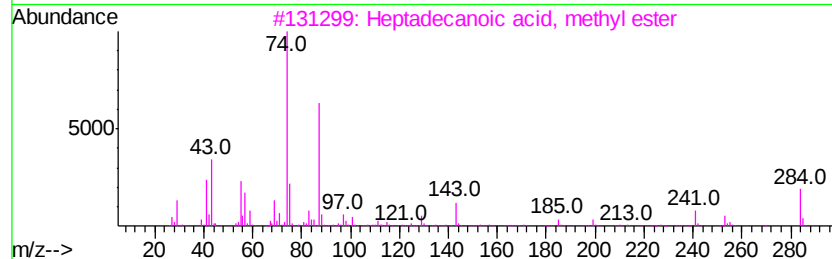
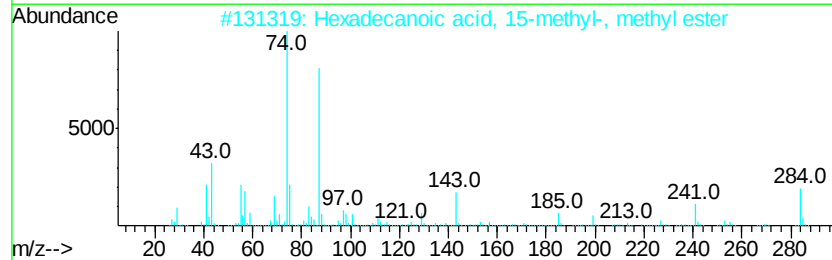
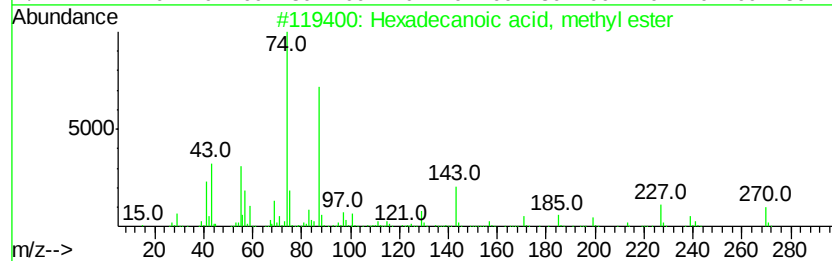
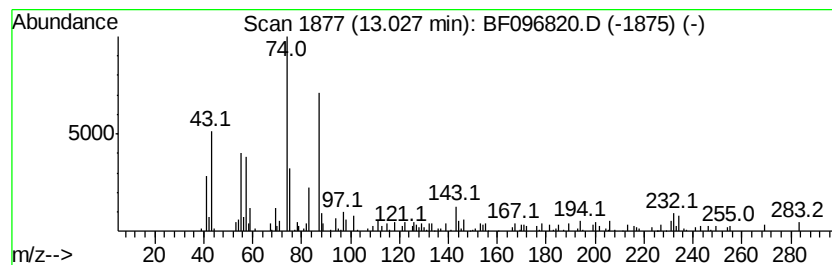
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.57 ng	155768	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4		Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91
5		Methyl stearate	298	C19H38O2	000112-61-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

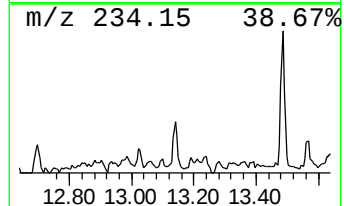
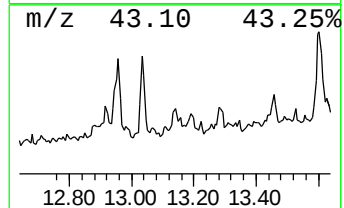
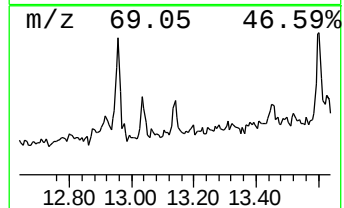
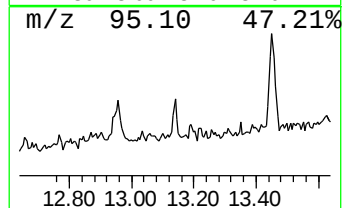
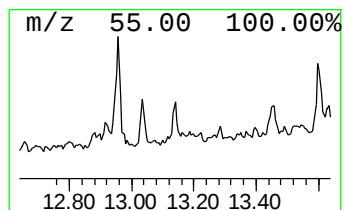
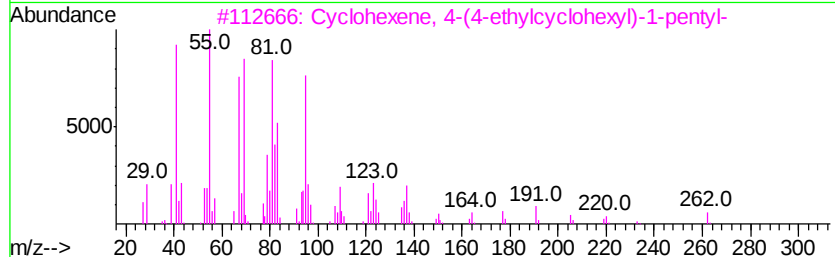
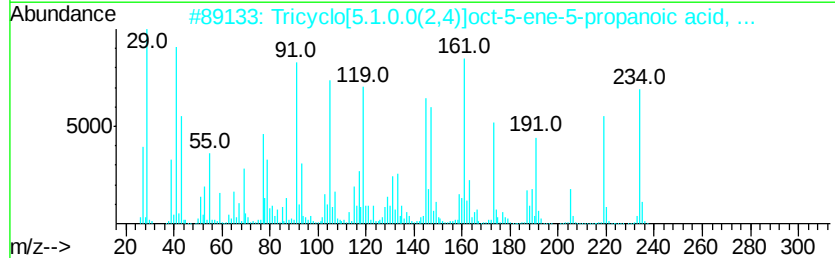
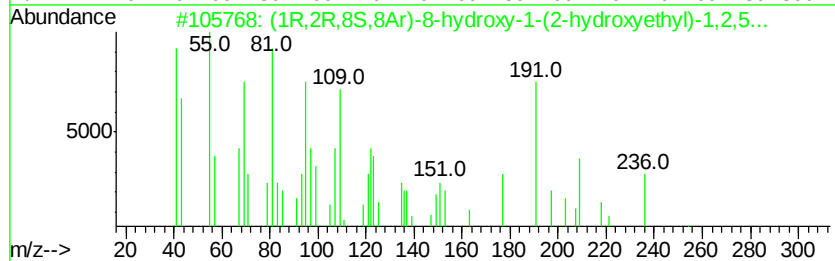
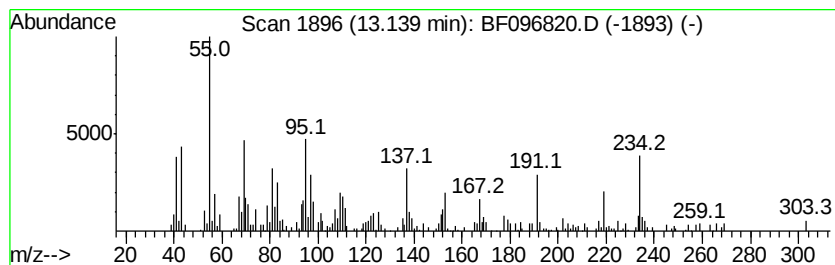
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.00 ng	102171	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R,2R,8S,8Ar)-8-hydroxy-1-(2-hydroxyethyl)-1,2,5...	254	C16H30O2	1000298-98-6	16
2		Tricyclo[5.1.0.0(2,4)]oct-5-ene-...	234	C15H22O2	074793-63-8	11
3		Cyclohexene, 4-(4-ethylcyclohexyl)-1-pentyl-	262	C19H34	301643-32-3	9
4		Decahydro-isoquinoline-3-carboni...	164	C10H16N2	1000188-70-4	9
5		1,5-Dichloro-2,3-dinitrobenzene	236	C6H2Cl2N2O4	028689-08-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

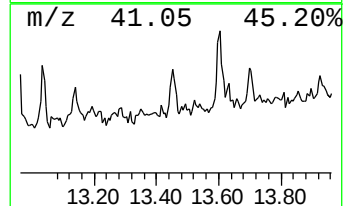
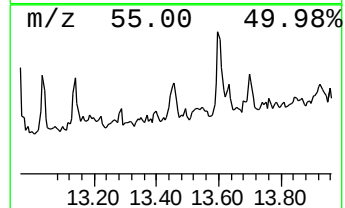
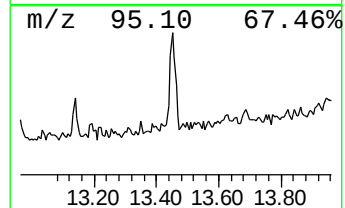
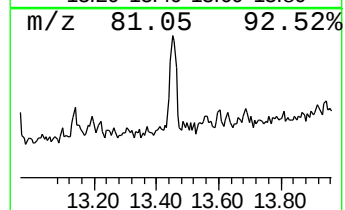
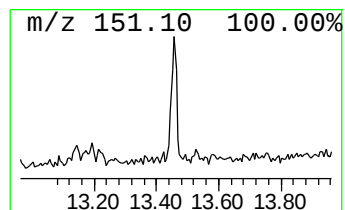
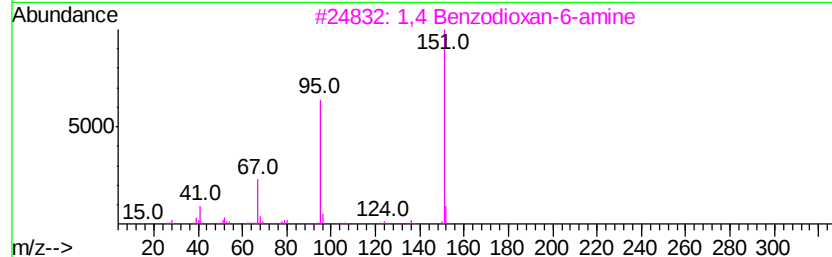
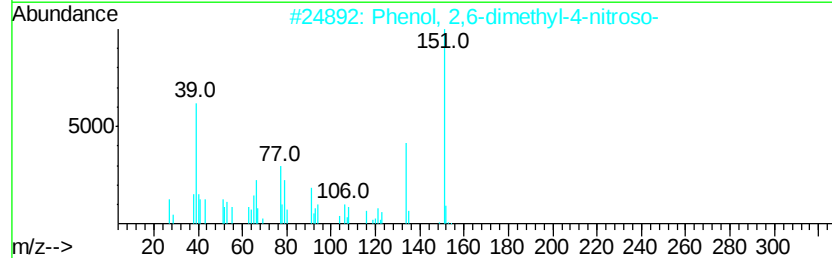
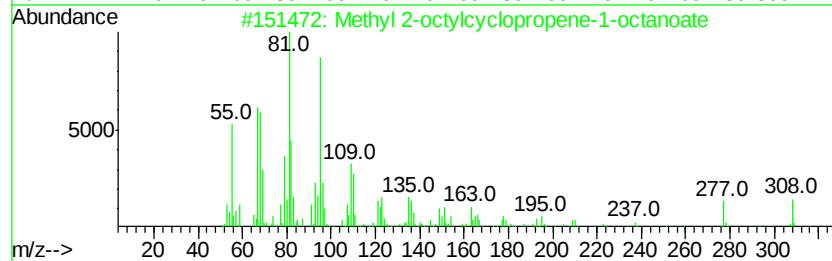
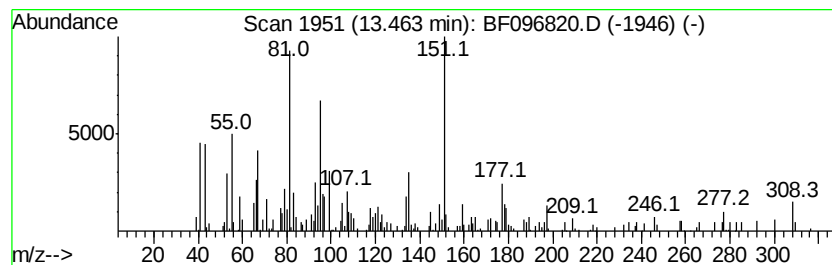
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.46 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	4.33 ng	147551	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	41
2		Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	30
3		1,4-Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	30
4		Cyclohexanol, 1-(4-fluorophenyl)...	292	C19H29FO	081711-11-7	25
5		3,7,11-Trimethyl-8,10-dodecadi...	266	C17H30O2	1000374-10-3	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

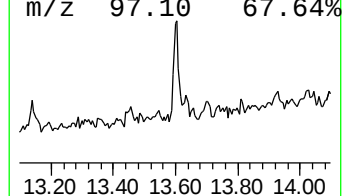
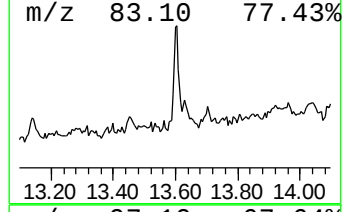
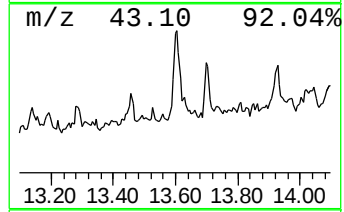
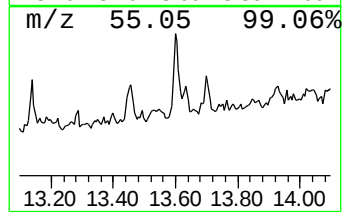
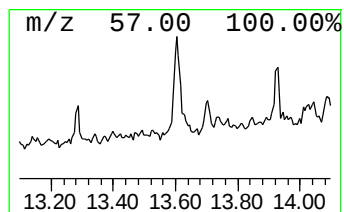
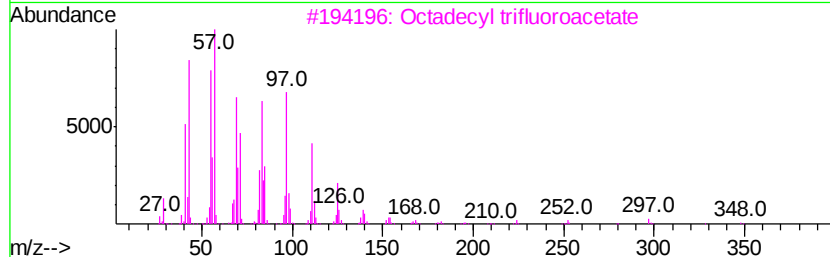
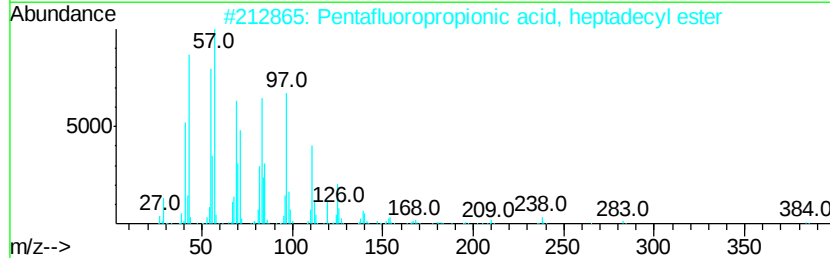
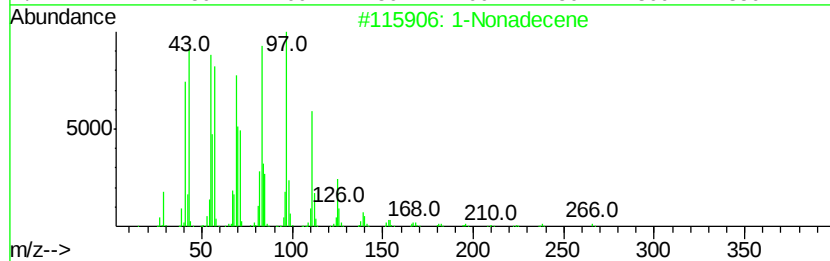
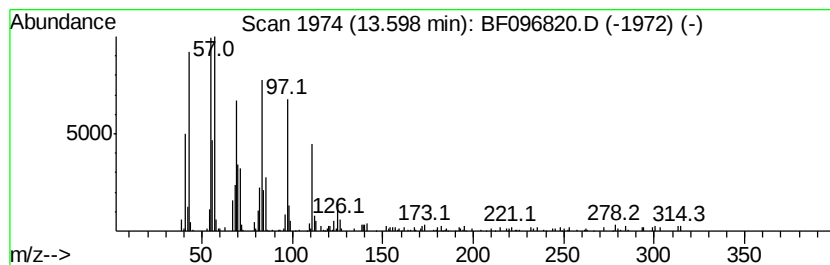
Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Nonadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.54 ng	154568	Chrysene-d12	13.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 98
2	Pentafluoropropionic acid, hepta...		402 C20H35F5O2	959218-78-1 91
3	Octadecyl trifluoroacetate		366 C20H37F3O2	079392-43-1 91
4	Heptafluorobutyric acid, hexadec...		438 C20H33F7O2	006385-15-5 91
5	Heptadecyl heptafluorobutyrate		452 C21H35F7O2	959085-66-6 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096820.D
 Acq On : 17 Jul 2017 15:36
 Operator : SJ/JU
 Sample : I4193-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071317

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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...	4.79	8.4	ng	276799	1	6.61	661454	20.0
unknown6.39	6.39	78.4	ng	2593110	1	6.61	661454	20.0
Tridecane	10.56	2.6	ng	87510	4	11.11	680907	20.0
7-Hexadecenoic ac...	11.45	12.8	ng	434441	4	11.11	680907	20.0
n-Hexadecanoic acid	11.67	12.4	ng	422797	4	11.11	680907	20.0
unknown11.85	11.85	2.6	ng	90325	4	11.11	680907	20.0
Methyl tetradecan...	11.93	3.2	ng	109087	4	11.11	680907	20.0
9,12-Octadecadien...	12.21	107.0	ng	3642100	4	11.11	680907	20.0
15-Octadecenoic a...	12.24	208.5	ng	7097440	4	11.11	680907	20.0
Methyl stearate	12.32	61.6	ng	2095730	4	11.11	680907	20.0
Cetene	12.37	9.2	ng	314079	4	11.11	680907	20.0
Pentadecanoic acid	12.45	2.5	ng	84077	5	13.73	681631	20.0
10-Octadecenoic a...	12.96	6.9	ng	234598	5	13.73	681631	20.0
Hexadecanoic acid...	13.03	4.6	ng	155768	5	13.73	681631	20.0
unknown13.14	13.14	3.0	ng	102171	5	13.73	681631	20.0
unknown13.46	13.46	4.3	ng	147551	5	13.73	681631	20.0
1-Nonadecene	13.60	4.5	ng	154568	5	13.73	681631	20.0