

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101733.D
 Acq On : 27 Dec 2017 00:14
 Operator : SJ/JU
 Sample : I6957-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.010	494	497	515	rBV	91150	173797	2.91%	0.463%
2	5.410	562	565	592	rBV	1678112	2391850	40.04%	6.367%
3	6.434	735	739	746	rBV	1827663	2192907	36.71%	5.838%
4	6.563	757	761	768	rVB	2286240	2223152	37.22%	5.918%
5	6.787	796	799	805	rBV	784236	770029	12.89%	2.050%
6	6.945	823	826	833	rVV	1759176	1805983	30.24%	4.808%
7	7.045	838	843	847	rVB3	81280	99601	1.67%	0.265%
8	7.169	861	864	866	rBV4	66140	77457	1.30%	0.206%
9	7.198	866	869	876	rVB	147716	183649	3.07%	0.489%
10	7.298	881	886	891	rBV4	86374	138968	2.33%	0.370%
11	7.357	893	896	903	rBV	1271348	1401538	23.46%	3.731%
12	7.422	904	907	912	rVB4	100065	126198	2.11%	0.336%
13	7.557	927	930	932	rVV	103493	98039	1.64%	0.261%
14	7.581	932	934	937	rVB3	64768	62324	1.04%	0.166%
15	7.698	952	954	958	rVB2	126828	101029	1.69%	0.269%
16	7.810	969	973	975	rBV3	57326	71818	1.20%	0.191%
17	7.857	975	981	991	rVB	359804	599516	10.04%	1.596%
18	8.004	1003	1006	1009	rVV3	77438	104030	1.74%	0.277%
19	8.039	1009	1012	1014	rVV	107459	106658	1.79%	0.284%
20	8.069	1014	1017	1022	rVV	1059048	1014509	16.98%	2.701%
21	8.116	1022	1025	1027	rVV2	110608	118697	1.99%	0.316%
22	8.451	1076	1082	1084	rBV	434384	565078	9.46%	1.504%
23	8.904	1155	1159	1162	rBV3	48449	60837	1.02%	0.162%
24	8.998	1172	1175	1183	rVB2	84938	125997	2.11%	0.335%
25	9.075	1185	1188	1194	rBV4	46951	63332	1.06%	0.169%
26	9.145	1194	1200	1203	rBV	2481272	2360296	39.52%	6.283%
27	9.539	1261	1267	1273	rBV	135345	172993	2.90%	0.461%
28	9.828	1312	1316	1323	rVB	984664	940616	15.75%	2.504%
29	10.039	1346	1352	1354	rBV3	65343	94551	1.58%	0.252%
30	10.622	1448	1451	1458	rBV	1138317	1107517	18.54%	2.948%
31	10.716	1464	1467	1471	rVB2	73530	87961	1.47%	0.234%
32	10.980	1508	1512	1519	rBV	693347	795343	13.32%	2.117%
33	11.316	1566	1569	1573	rBV	903517	885523	14.83%	2.357%
34	11.416	1583	1586	1593	rBV2	78167	107331	1.80%	0.286%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101733.D
 Acq On : 27 Dec 2017 00:14
 Operator : SJ/JU
 Sample : I6957-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.622	1617	1621	1624	rVB2	60697	75222	1.26%	0.200%
36	11.863	1653	1662	1672	rBV	3217658	5973031	100.00%	15.900%
37	12.380	1746	1750	1755	rVB2	86821	113784	1.90%	0.303%
38	12.463	1762	1764	1767	rBV	183607	152286	2.55%	0.405%
39	12.545	1775	1778	1784	rVV2	362585	581672	9.74%	1.548%
40	12.598	1784	1787	1789	rVV	181642	187820	3.14%	0.500%
41	12.633	1789	1793	1807	rVV	1832100	2695600	45.13%	7.176%
42	12.757	1811	1814	1821	rVB5	107231	210057	3.52%	0.559%
43	12.898	1834	1838	1842	rBV	1966852	1871223	31.33%	4.981%
44	13.174	1883	1885	1888	rVB	83855	71737	1.20%	0.191%
45	13.233	1892	1895	1898	rVB	124126	109444	1.83%	0.291%
46	13.369	1914	1918	1921	rBV4	235020	314129	5.26%	0.836%
47	13.704	1972	1975	1981	rVB2	305180	308428	5.16%	0.821%
48	13.757	1981	1984	1986	rBV	179124	222816	3.73%	0.593%
49	13.780	1986	1988	1992	rVV	290637	318085	5.33%	0.847%
50	13.821	1992	1995	1996	rVV	125577	143899	2.41%	0.383%
51	13.839	1996	1998	2002	rVB2	181713	202416	3.39%	0.539%
52	13.921	2008	2012	2017	rBV	366333	405773	6.79%	1.080%
53	13.974	2017	2021	2024	rBV	809123	806730	13.51%	2.148%
54	14.192	2055	2058	2062	rVB	386468	372315	6.23%	0.991%
55	14.339	2081	2083	2086	rVB	102222	82362	1.38%	0.219%
56	14.804	2159	2162	2168	rVB	465346	424517	7.11%	1.130%
57	15.445	2266	2271	2279	rBV	467948	693314	11.61%	1.846%

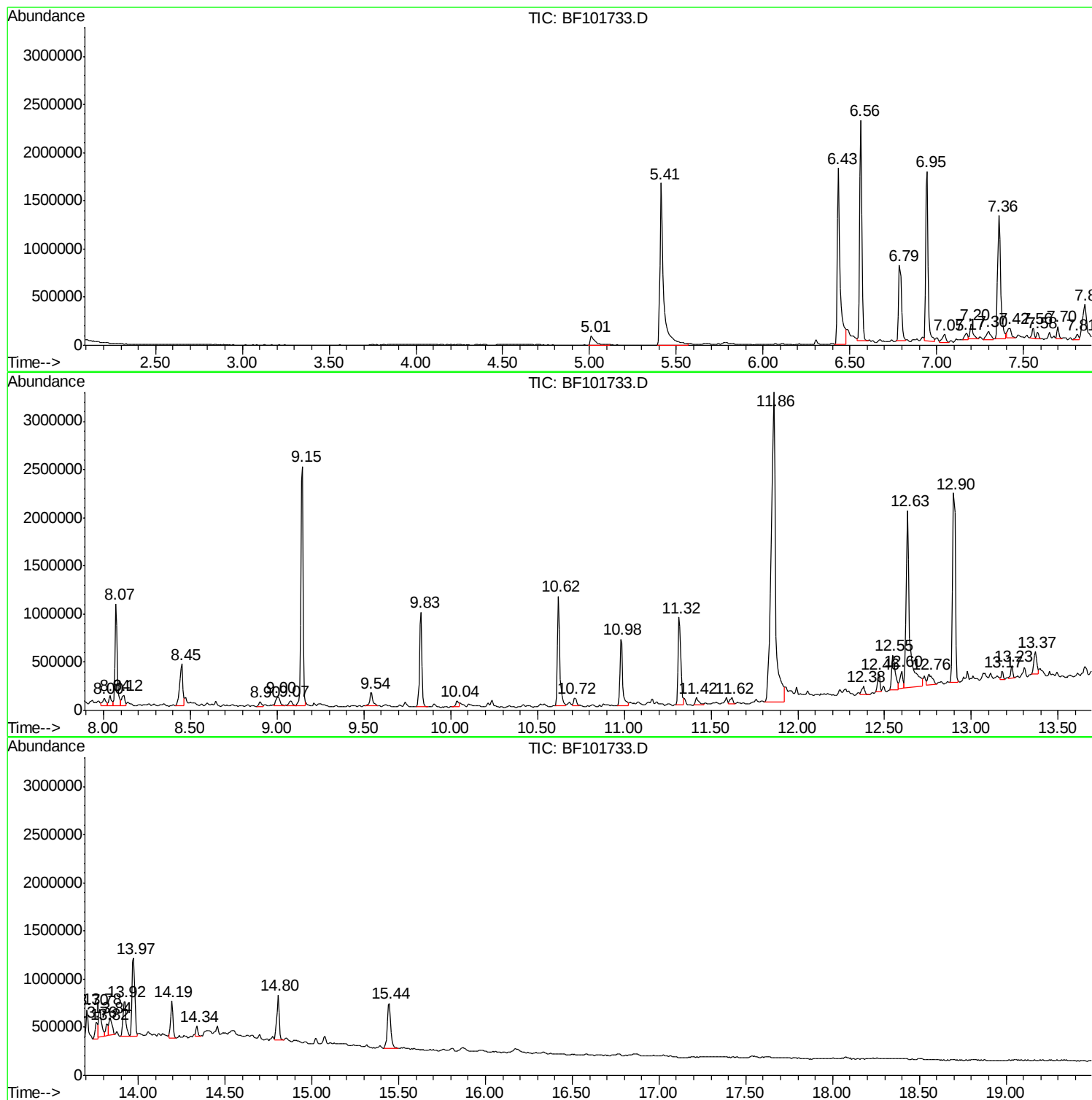
Sum of corrected areas: 37565784

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

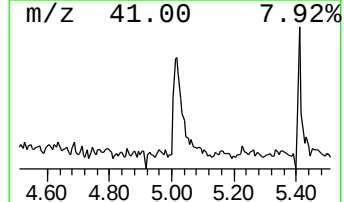
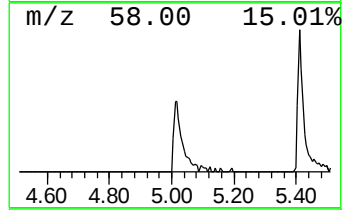
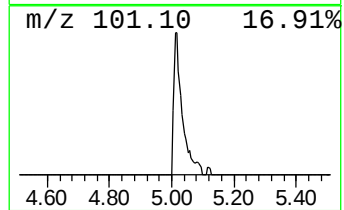
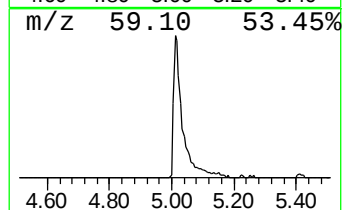
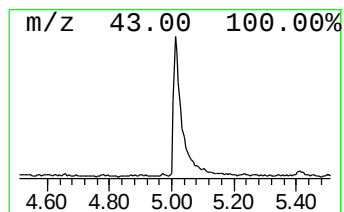
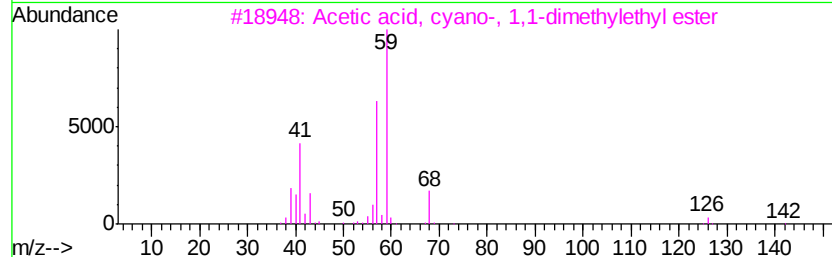
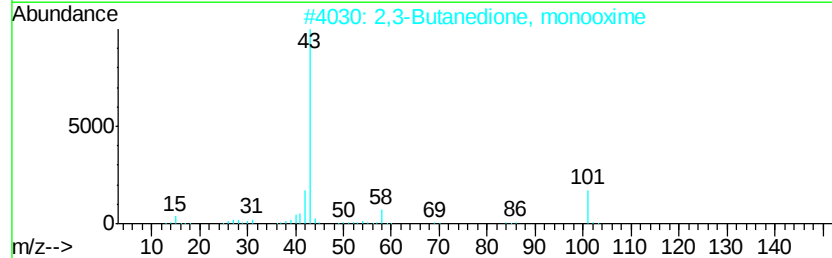
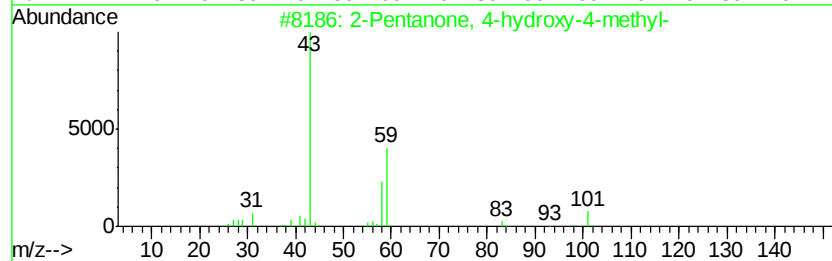
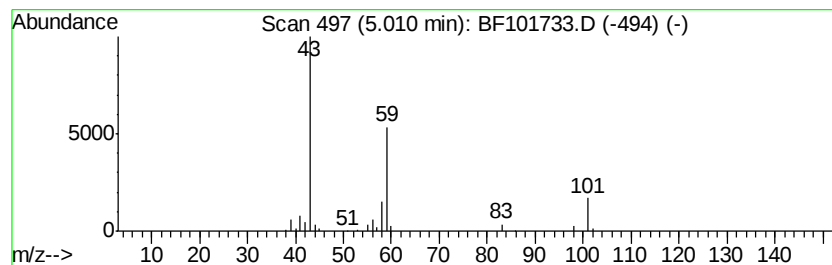
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	4.51 ng	173797	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

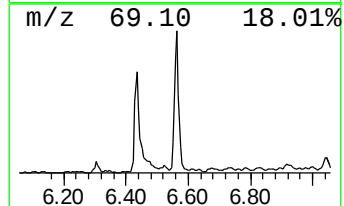
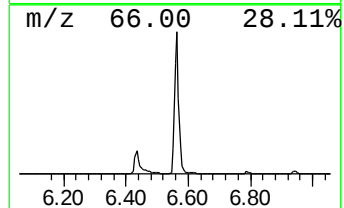
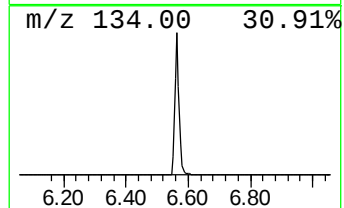
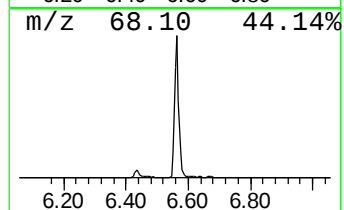
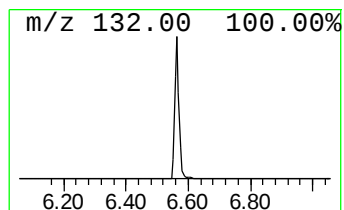
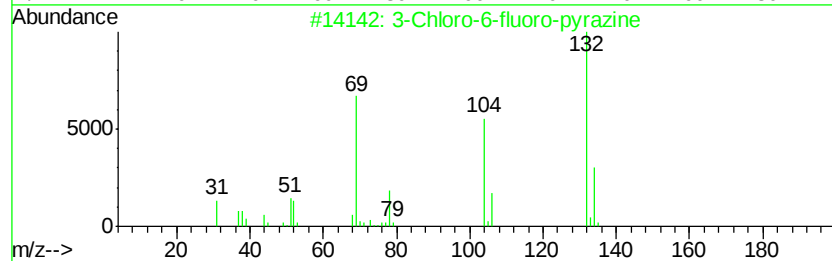
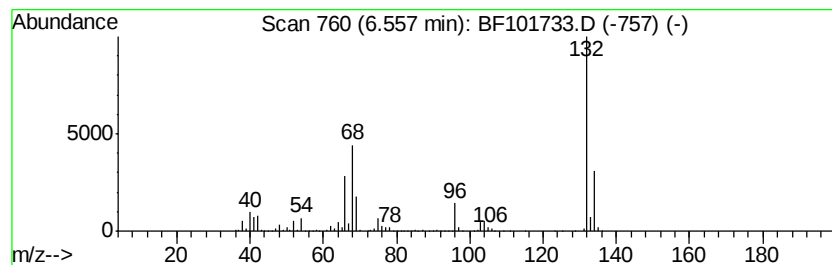
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	57.74 ng	2223150	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

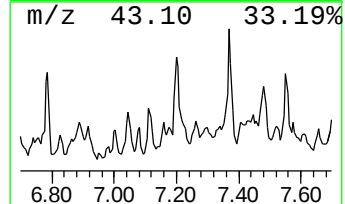
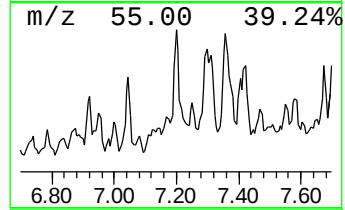
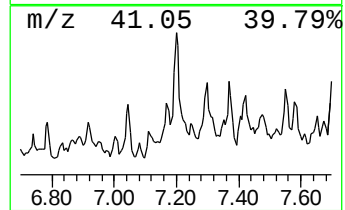
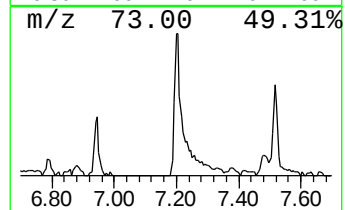
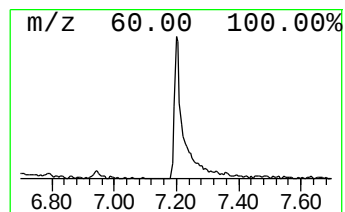
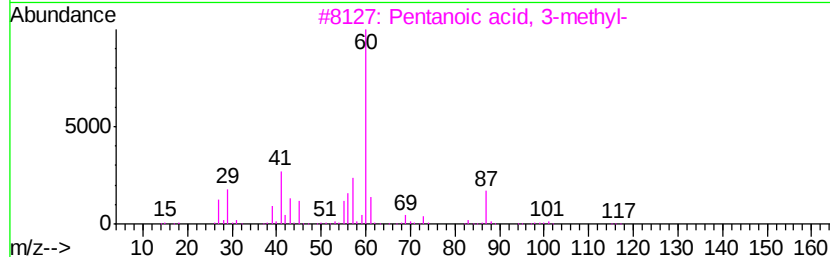
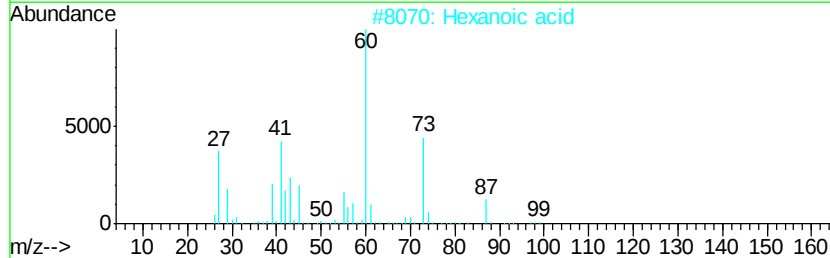
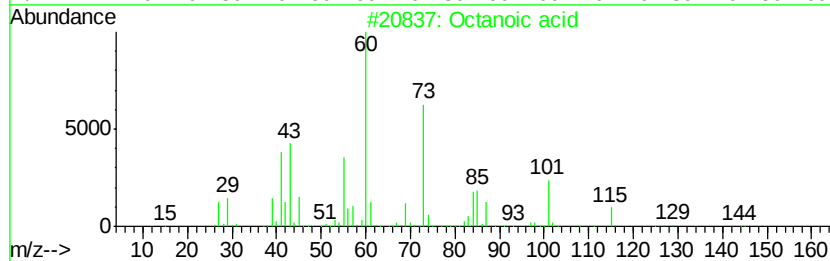
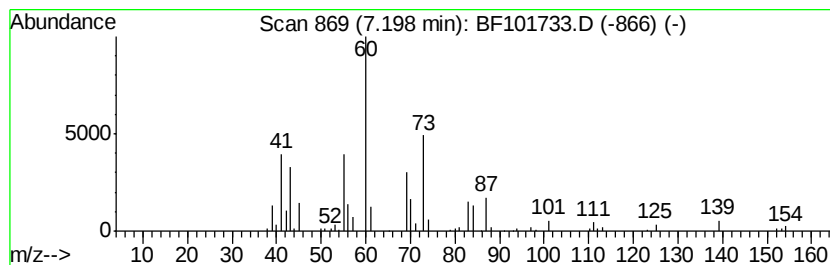
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.77 ng	183649	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid	144	C8H16O2	000124-07-2	64
2		Hexanoic acid	116	C6H12O2	000142-62-1	53
3		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	53
4		Pentanoic acid	102	C5H10O2	000109-52-4	50
5		Heptanoic acid	130	C7H14O2	000111-14-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

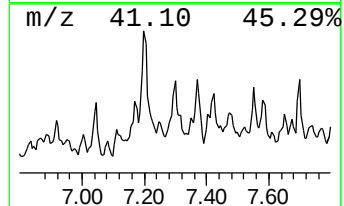
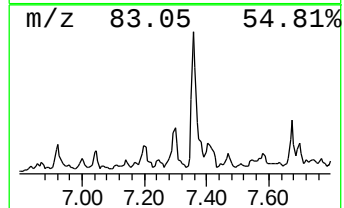
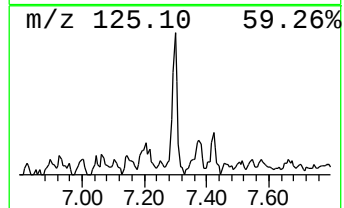
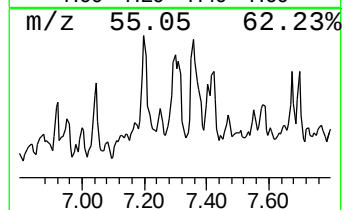
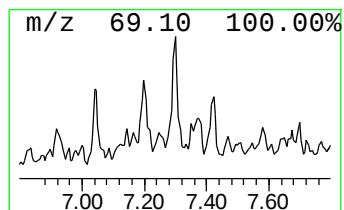
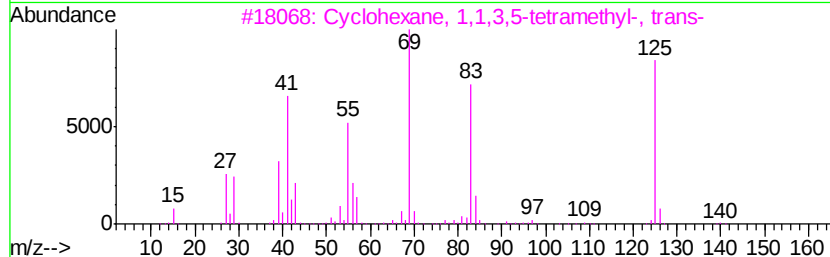
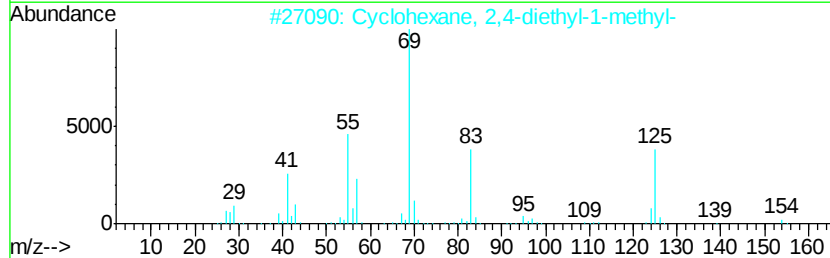
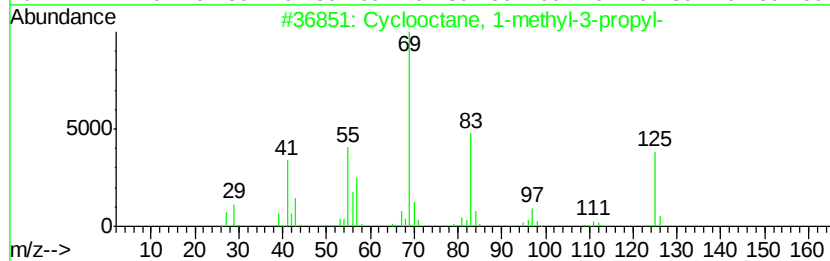
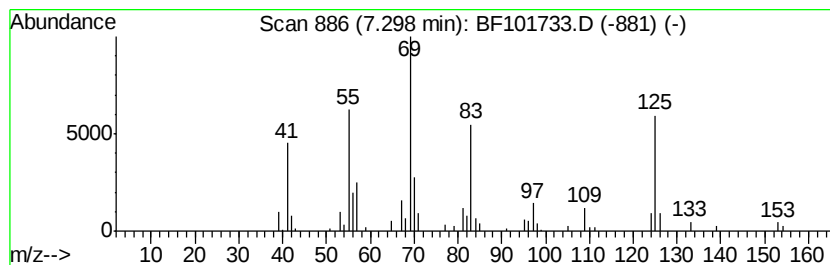
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclooctane, 1-methyl-3-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	3.61 ng	138968	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	72
2		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	64
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	59
4		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	47
5		3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

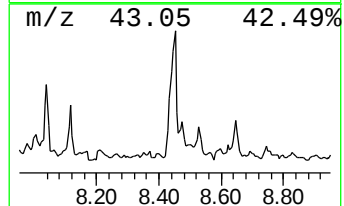
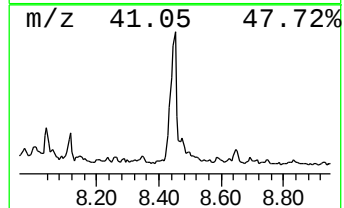
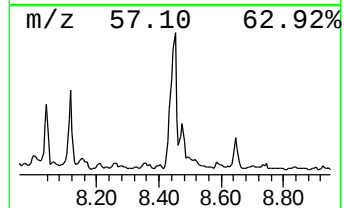
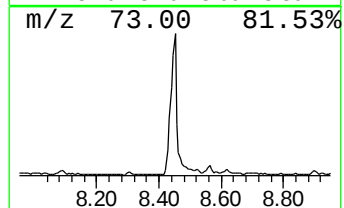
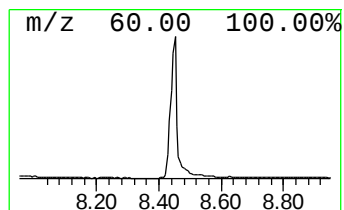
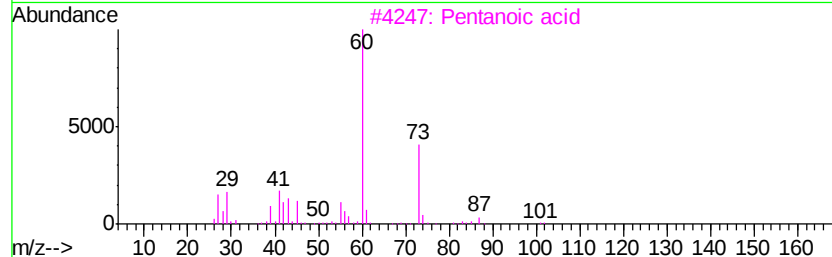
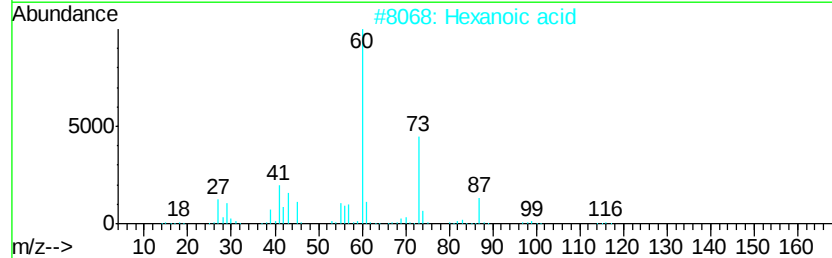
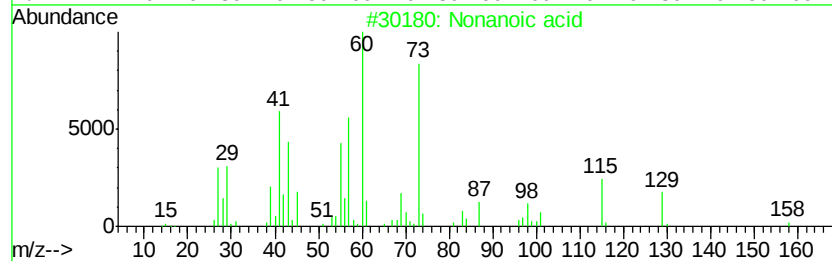
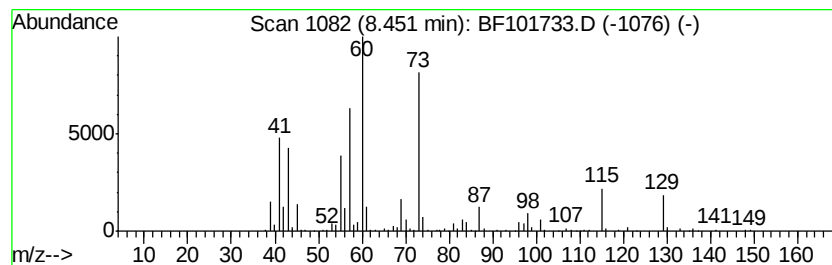
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	11.14 ng	565078	Naphthalene-d8	8.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid		158	C9H18O2	000112-05-0	91
2	Hexanoic acid		116	C6H12O2	000142-62-1	53
3	Pentanoic acid		102	C5H10O2	000109-52-4	52
4	Octanoic acid, silver(1+) salt		250	C8H15AgO2	024927-67-1	50
5	3-Methyl-hexanoic acid		130	C7H14O2	1000365-65-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

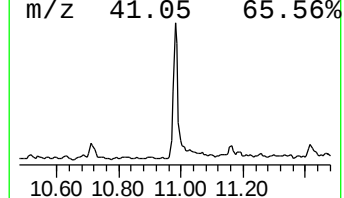
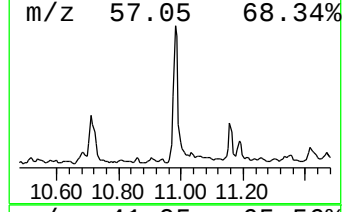
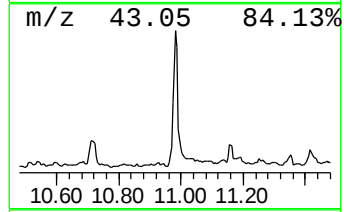
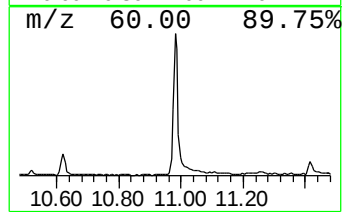
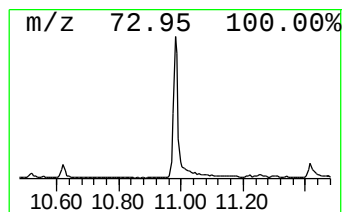
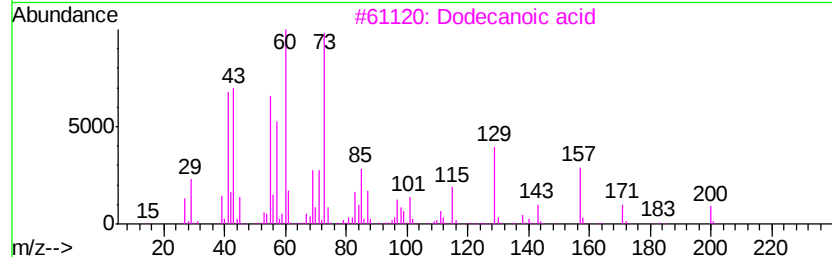
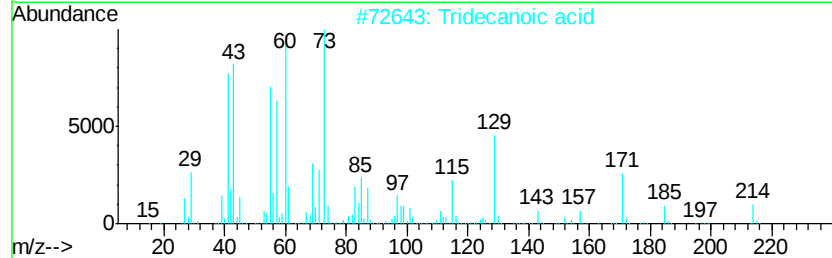
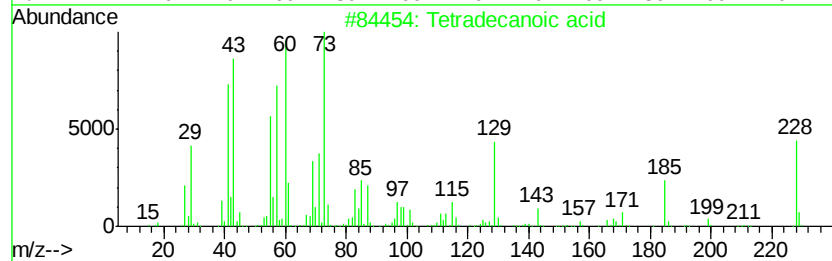
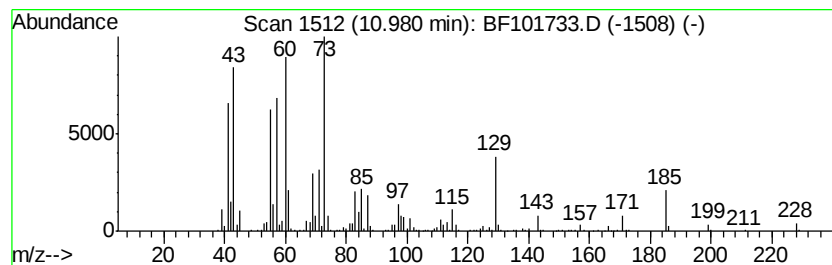
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	17.96 ng	795343	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Dodecanoic acid	200	C12H24O2	000143-07-7	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Nonanoic acid	158	C9H18O2	000112-05-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

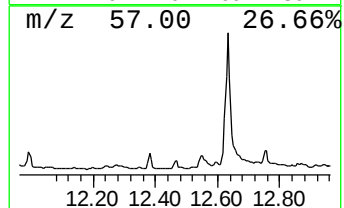
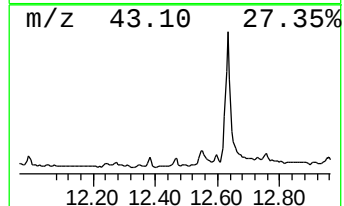
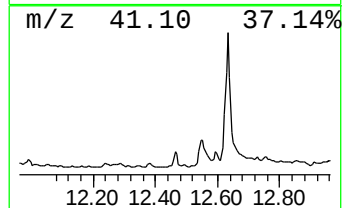
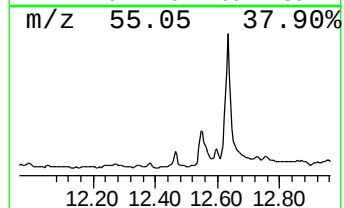
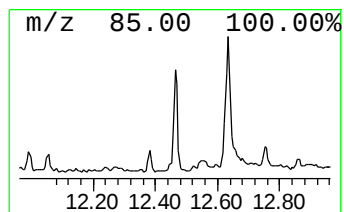
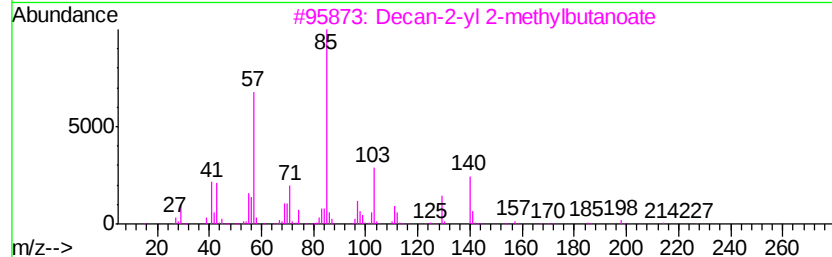
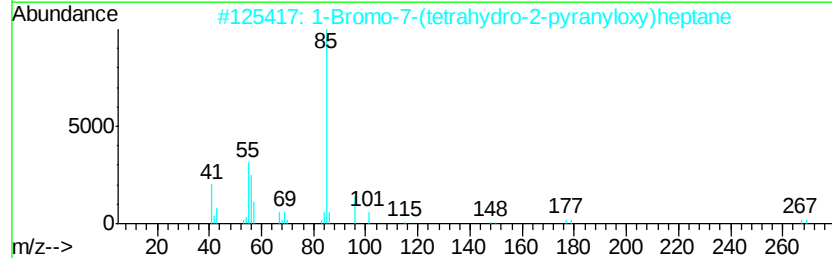
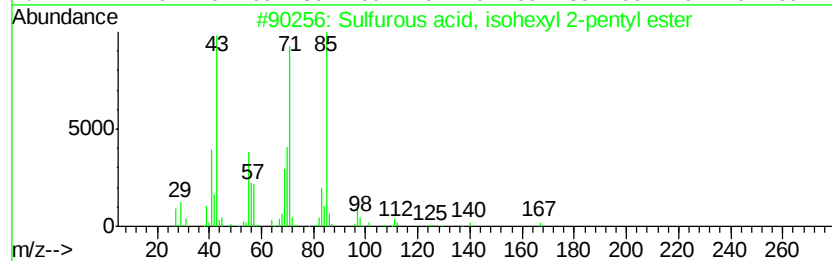
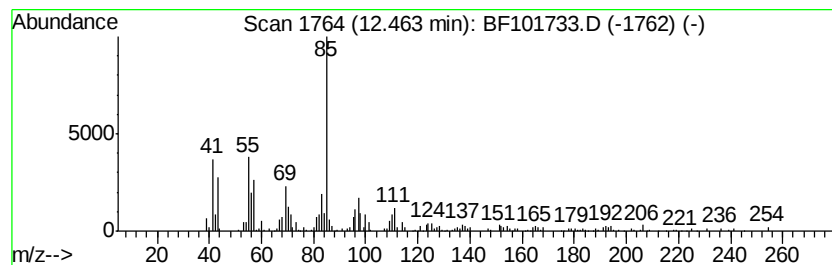
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, isohexyl 2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.44 ng	152286	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	64
2		1-Bromo-7-(tetrahydro-2-pyranylo...	278	C12H23BrO2	010160-25-5	59
3		Decan-2-yl 2-methylbutanoate	242	C15H30O2	1000372-72-7	59
4		1,8-Dioxacyclohexadecane-2,10-di...	312	C16H24O6	1000195-90-7	59
5		2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

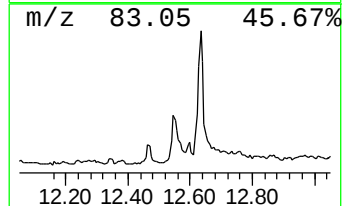
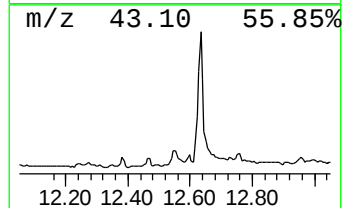
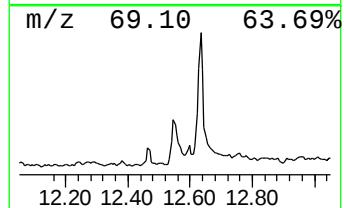
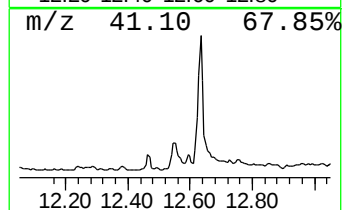
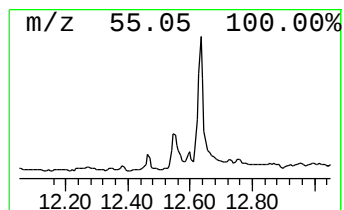
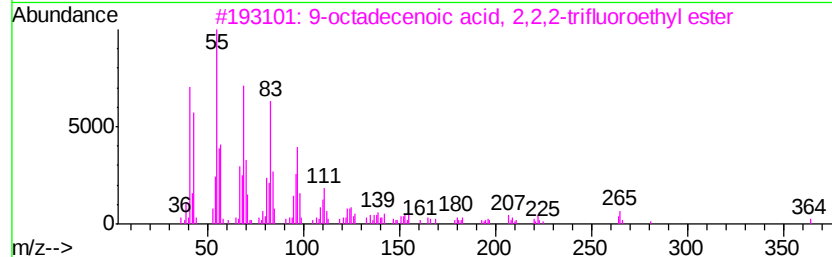
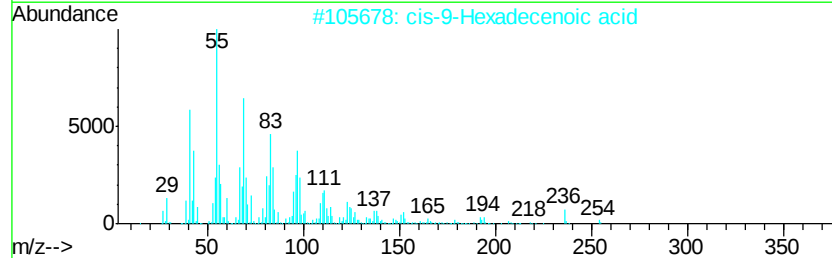
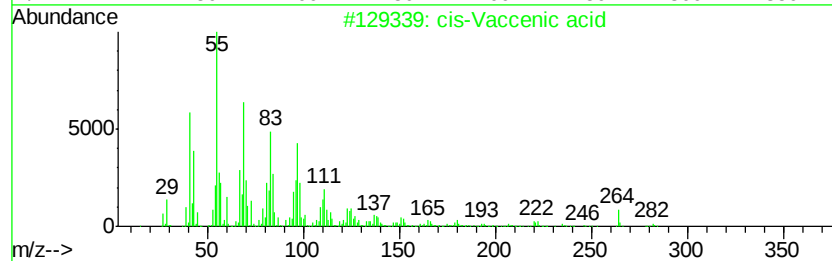
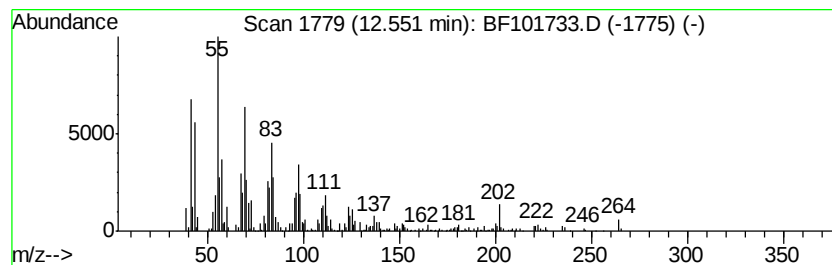
Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 cis-Vaccenic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.55	13.14 ng	581672	Phenanthrene-d10	11.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-Vaccenic acid	282	C18H34O2	000506-17-2	86
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64
3		9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	60
4		Oleic Acid	282	C18H34O2	000112-80-1	58
5		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

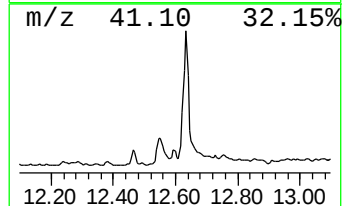
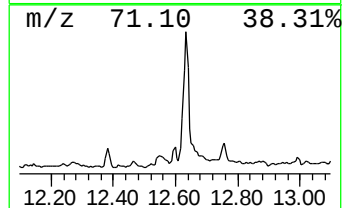
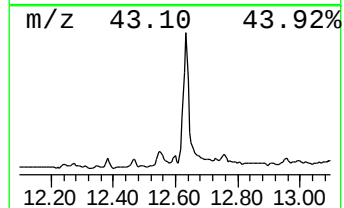
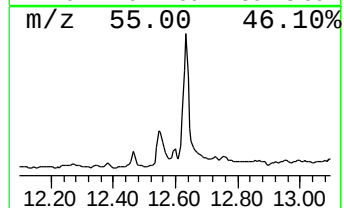
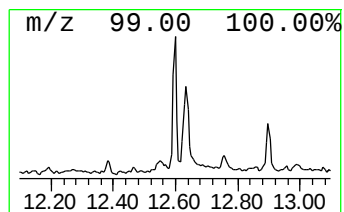
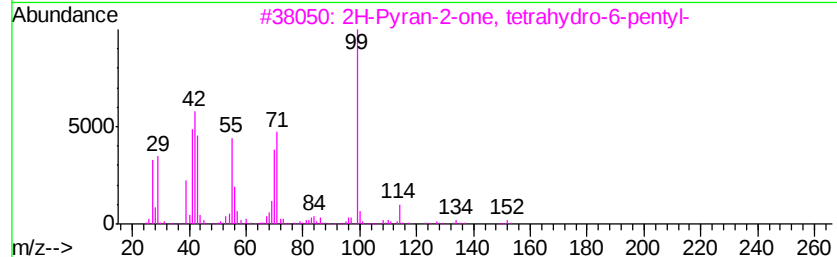
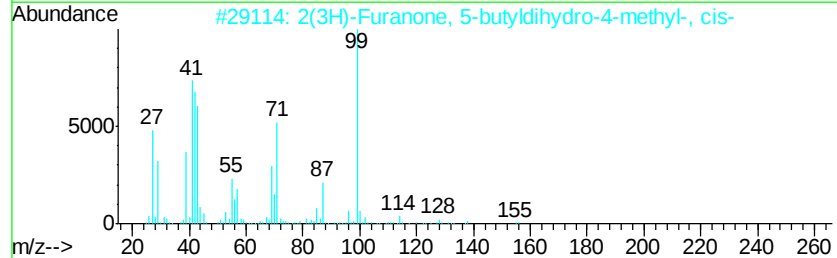
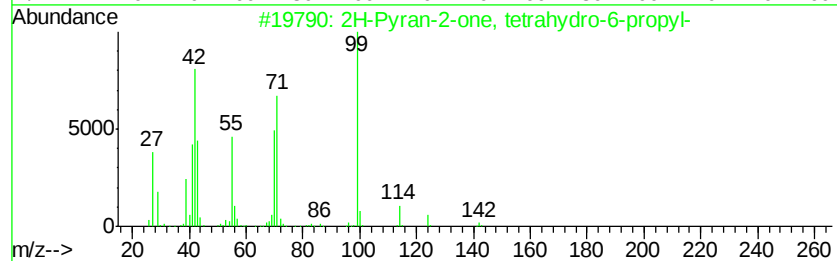
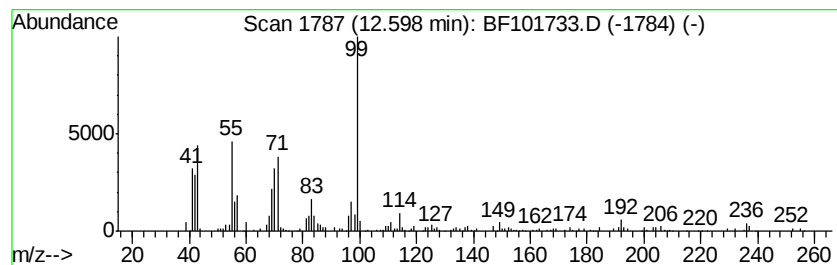
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2H-Pyran-2-one, tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.24 ng	187820	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Pyran-2-one, tetrahydro-6-pro...	142	C8H14O2	000698-76-0	72
2			2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	59
3			2H-Pyran-2-one, tetrahydro-6-pen...	170	C10H18O2	000705-86-2	59
4			2H-Pyran-2-one, 6-heptyltetrahydro-	198	C12H22O2	000713-95-1	58
5			Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

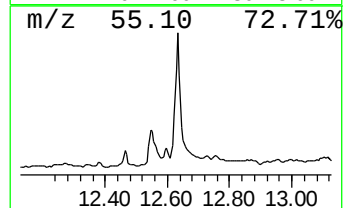
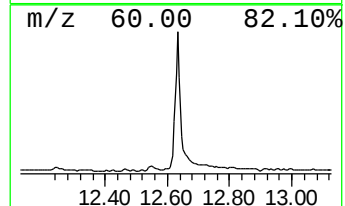
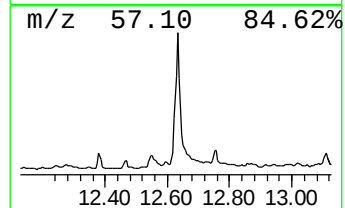
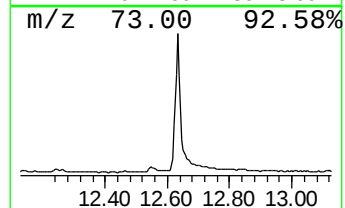
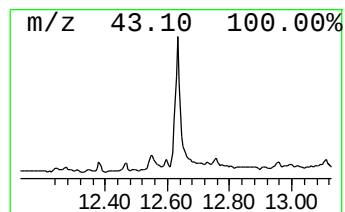
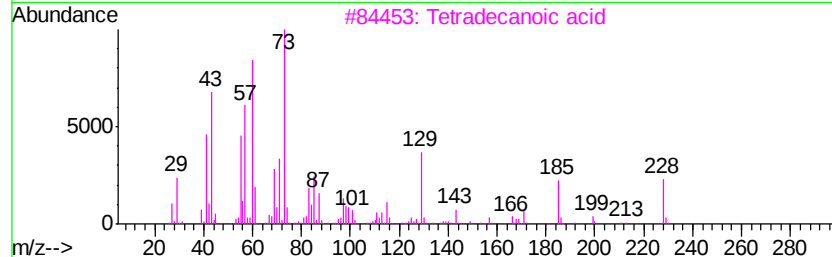
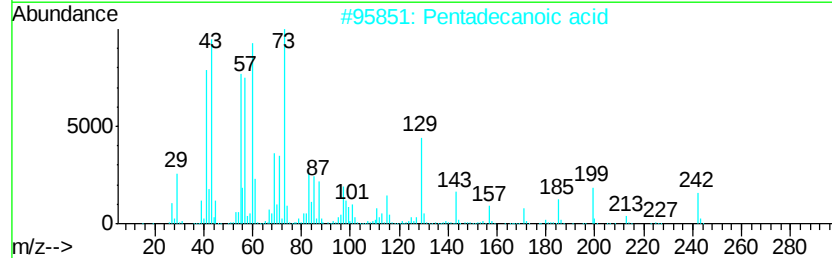
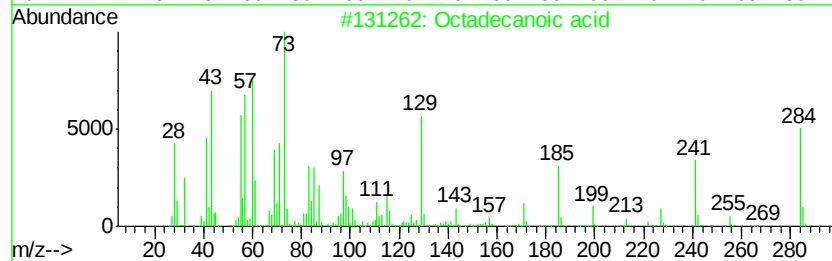
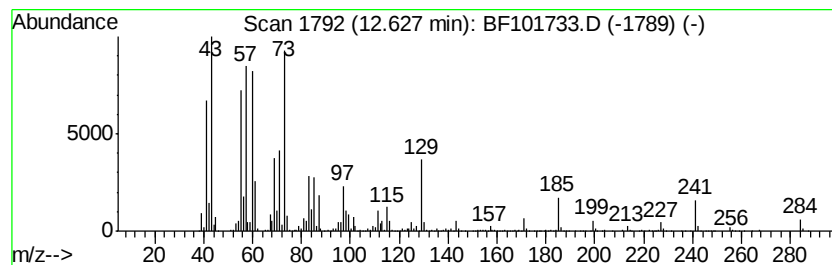
Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.63	60.88 ng	2695600	Phenanthrene-d10	11.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

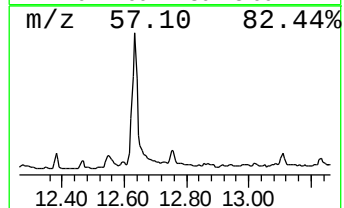
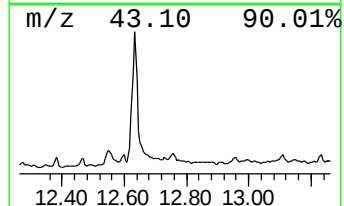
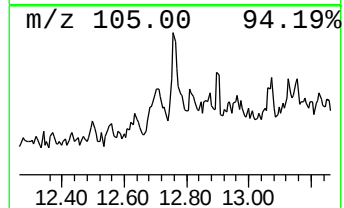
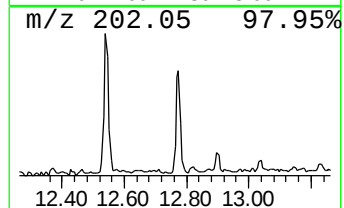
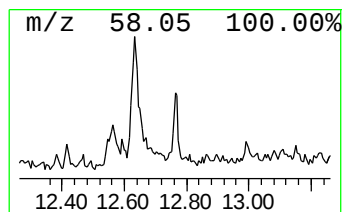
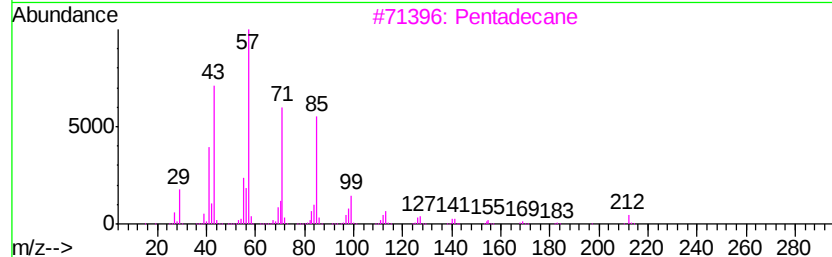
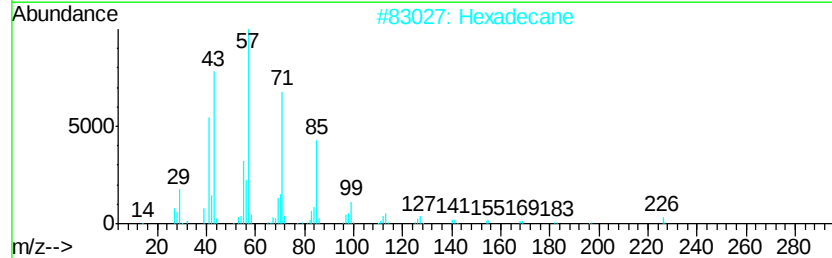
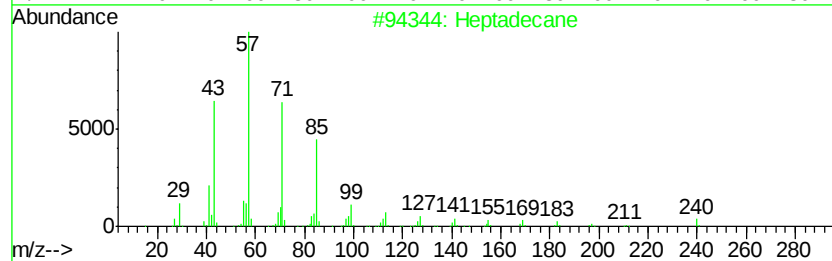
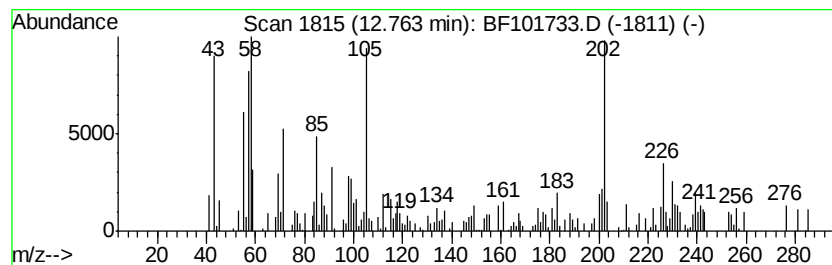
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.21 ng	210057	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		Hexadecane	226	C16H34	000544-76-3	76
3		Pentadecane	212	C15H32	000629-62-9	62
4		6,6-Diethylhexadecane	282	C20H42	1000360-41-4	53
5		Docosane	310	C22H46	000629-97-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

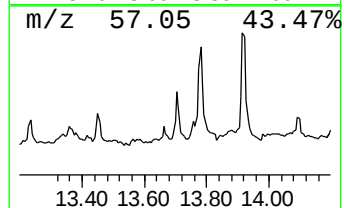
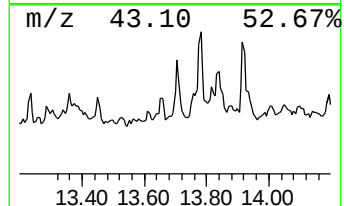
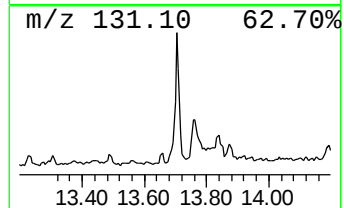
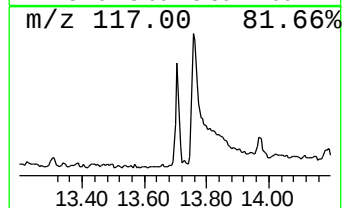
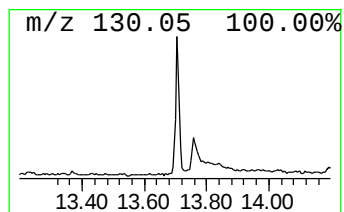
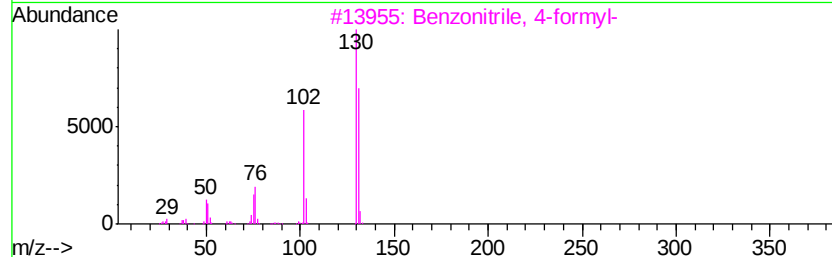
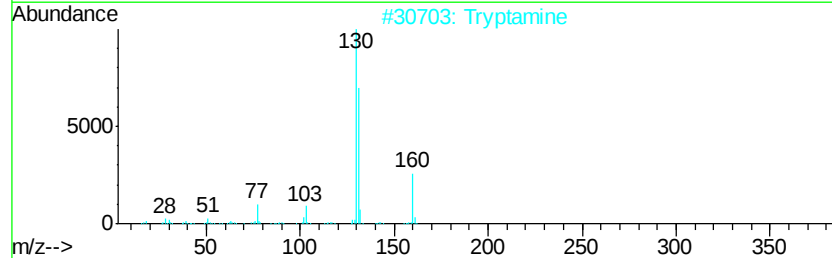
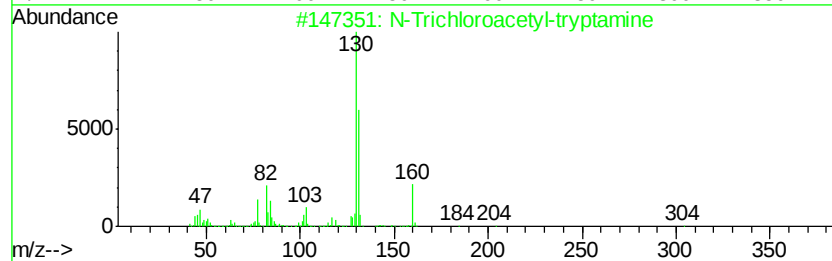
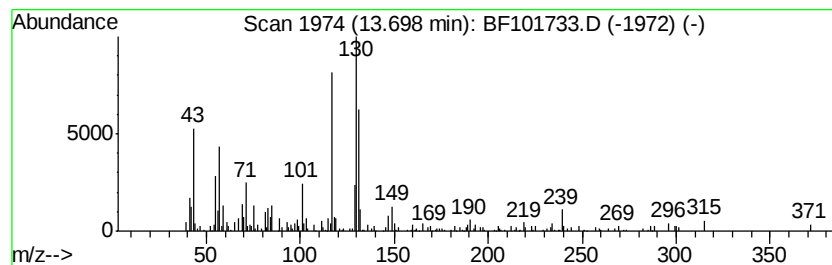
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.70 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	7.65 ng	308428	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Trichloroacetyl-tryptamine	304	C12H11Cl3N2O	131385-16-5	35
2		Tryptamine	160	C10H12N2	000061-54-1	30
3		Benzonitrile, 4-formyl-	131	C8H5NO	000105-07-7	27
4		2,2,4,7-Tetramethyl-3,6,9-trioxa...	262	C13H30O3Si	1000367-03-5	27
5		1H-Indole, 3-methyl-	131	C9H9N	000083-34-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

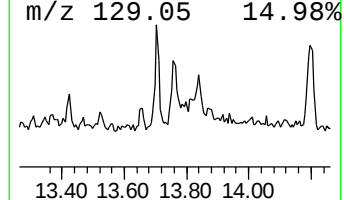
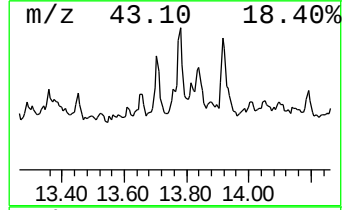
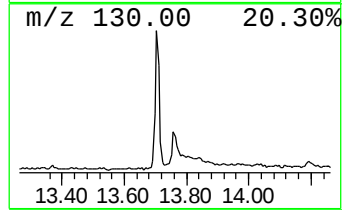
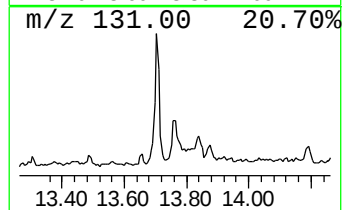
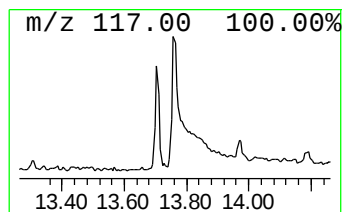
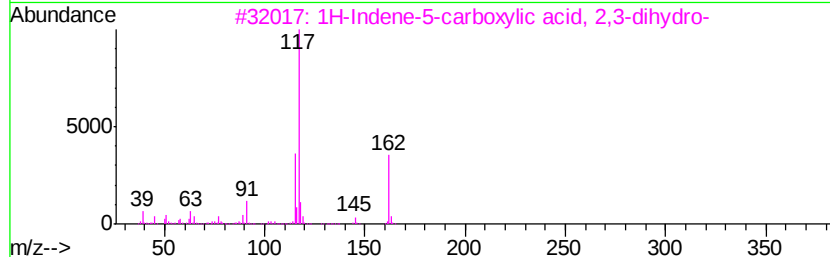
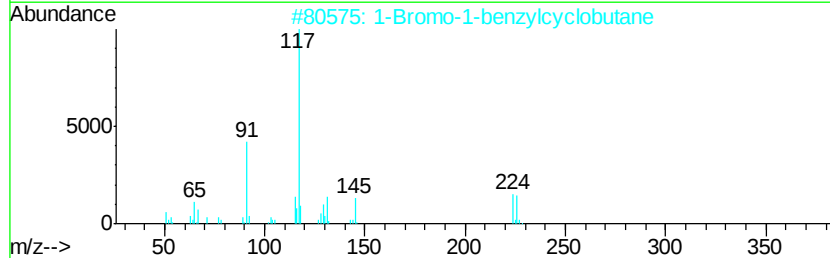
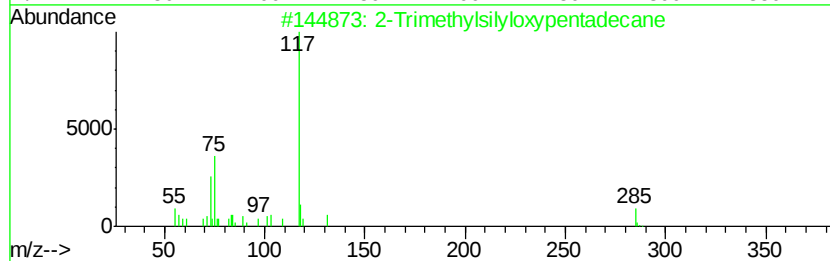
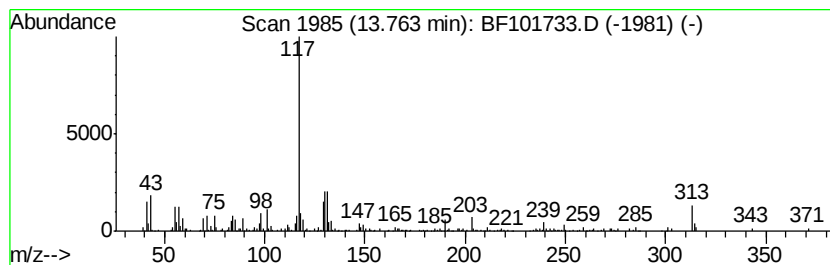
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.76 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.52 ng	222816	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Trimethylsilyloxypentadecane	300	C18H40OSi	122825-95-0	43
2		1-Bromo-1-benzylcyclobutane	224	C11H13Br	1000214-92-1	40
3		1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	38
4		m-Aminophenylacetylene	117	C8H7N	054060-30-9	38
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

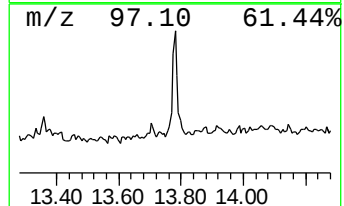
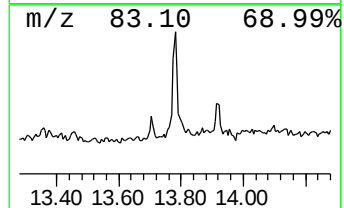
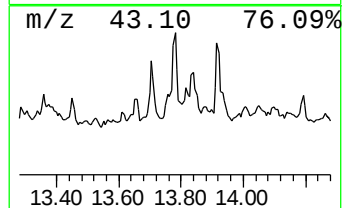
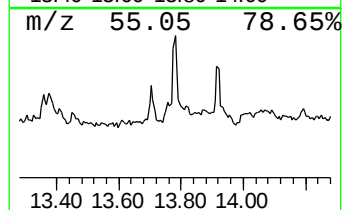
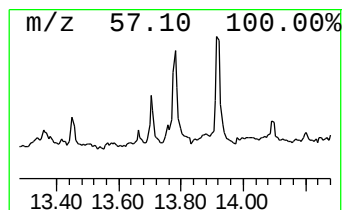
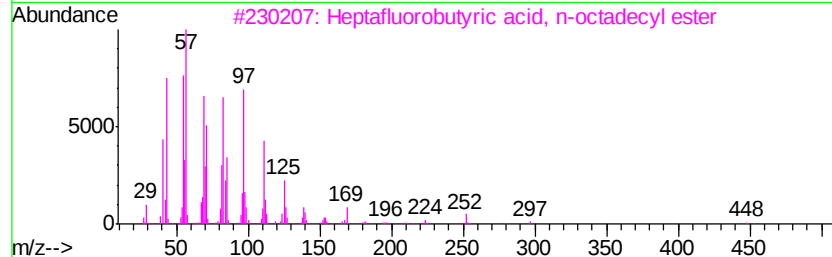
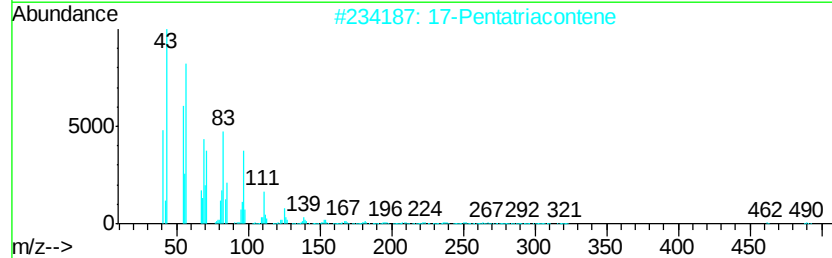
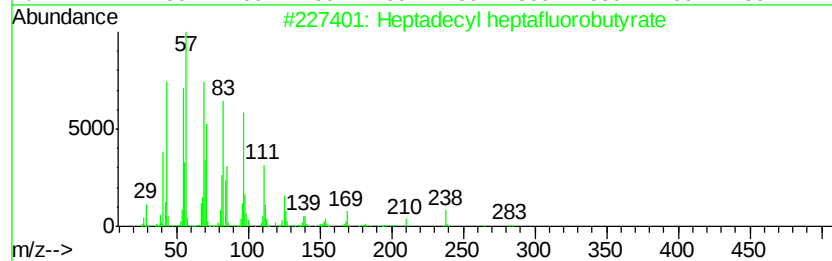
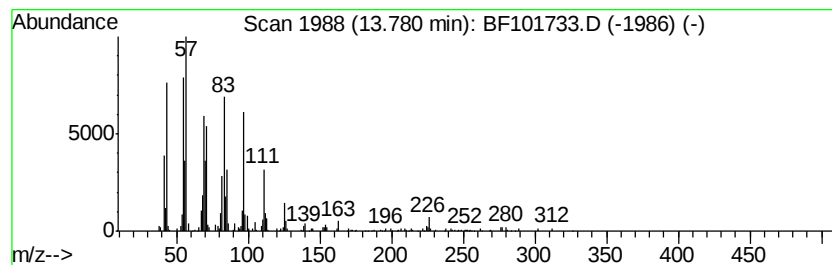
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecyl heptafluorobutyrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	7.89 ng	318085	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
4		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	90
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

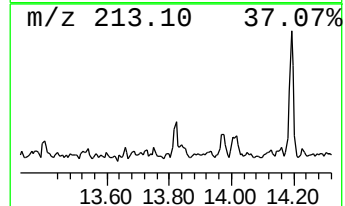
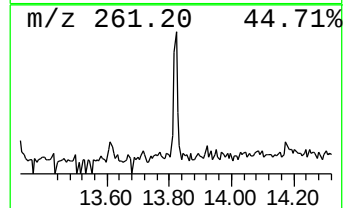
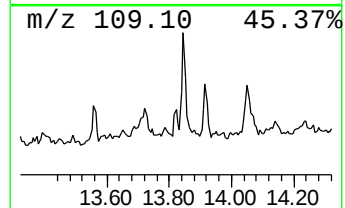
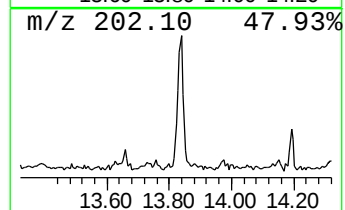
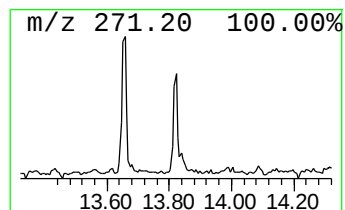
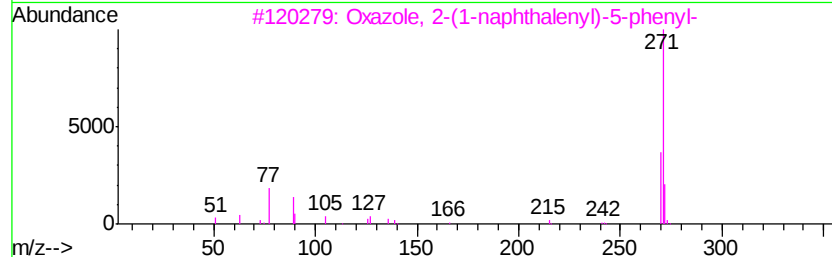
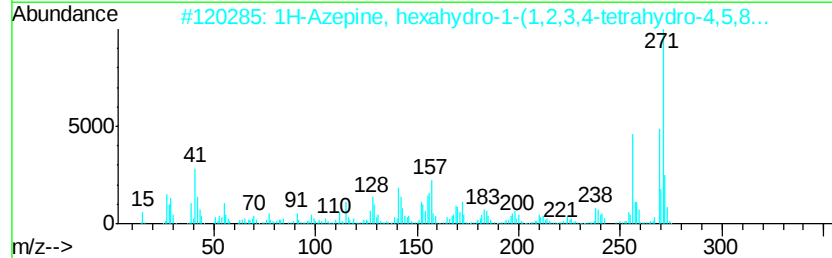
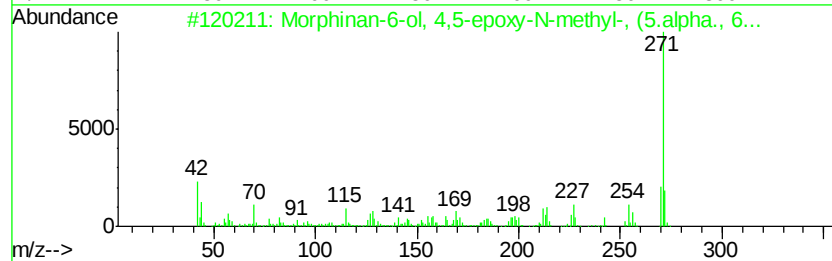
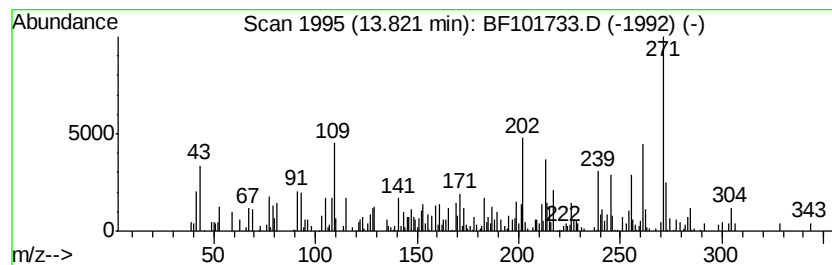
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.82 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.57 ng	143899	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morphinan-6-ol, 4,5-epoxy-N-meth...	271	C17H21NO2	083475-40-5	30
2		1H-Azepine, hexahydro-1-(1,2,3,4...	271	C19H29N	023853-67-0	30
3		Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	30
4		Morphinan-6-one-2-ol, N-methyl-	271	C17H21NO2	1000126-16-9	25
5		3-Methyl-1-phenyl-4-azafluorenone	271	C19H13NO	062578-46-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

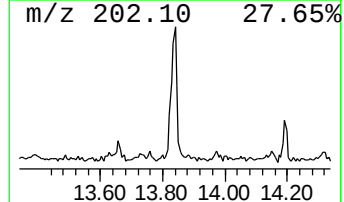
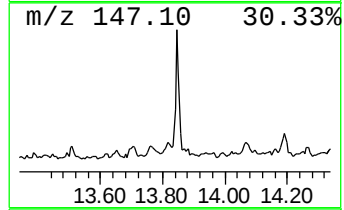
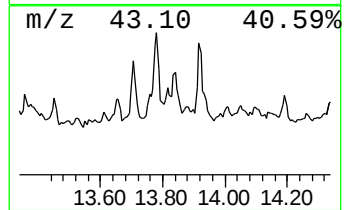
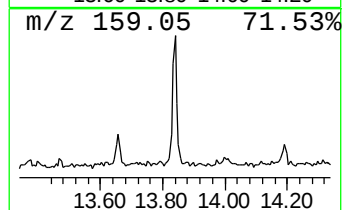
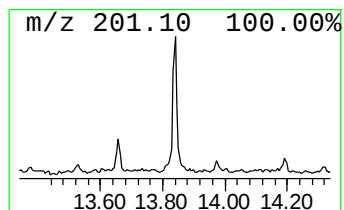
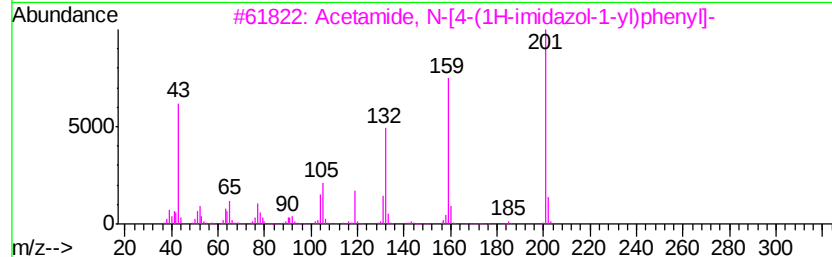
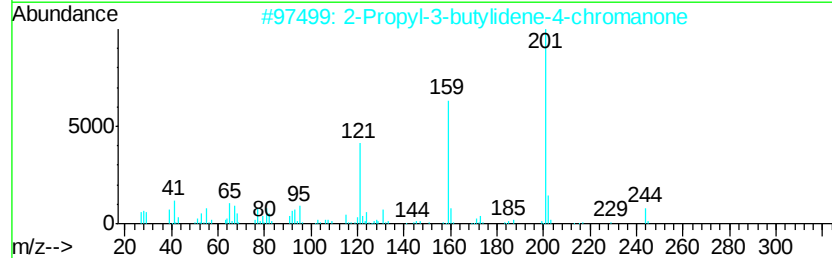
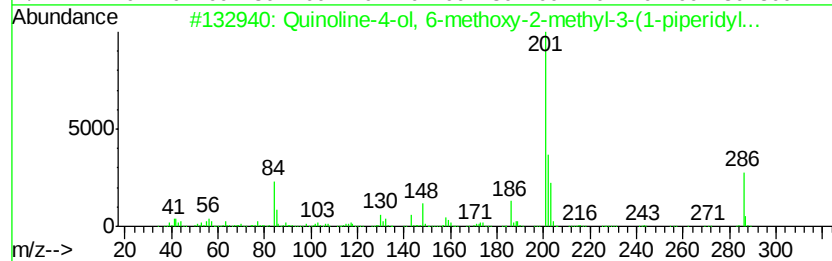
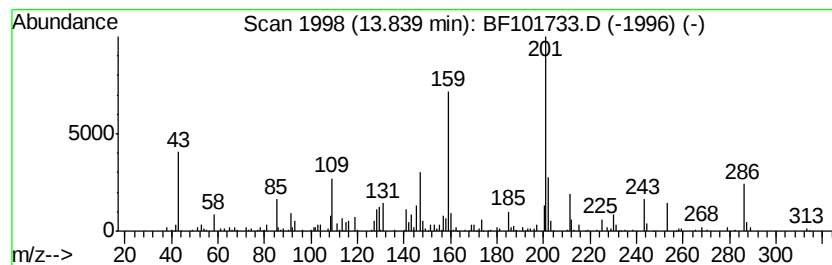
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.84 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.02 ng	202416	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline-4-ol, 6-methoxy-2-meth...	286	C17H22N2O2	309740-32-7	43
2		2-Propyl-3-butylidene-4-chromanone	244	C16H20O2	188031-88-1	43
3		Acetamide, N-[4-(1H-imidazol-1-y...	201	C11H11N3O	1000337-71-7	43
4		Naphthalene, 1,2,3,4-tetrahydro-...	216	C16H24	002084-69-7	37
5		1H-Inden-1-one, 5-(1,1-dimethyle...	216	C15H20O	038393-93-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

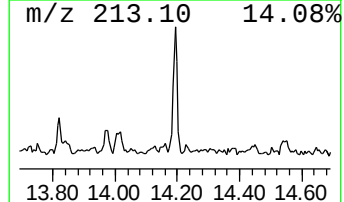
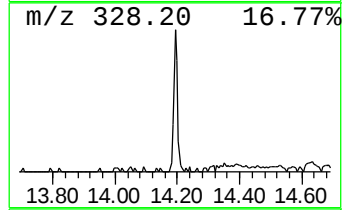
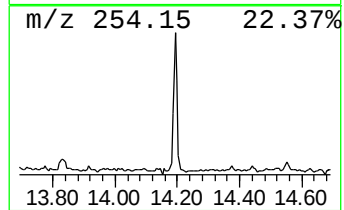
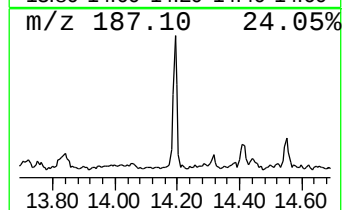
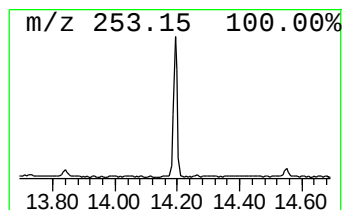
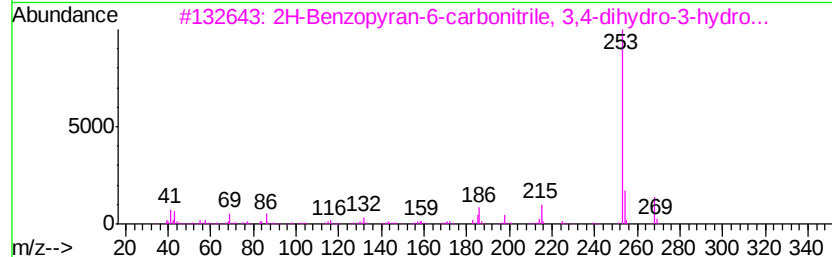
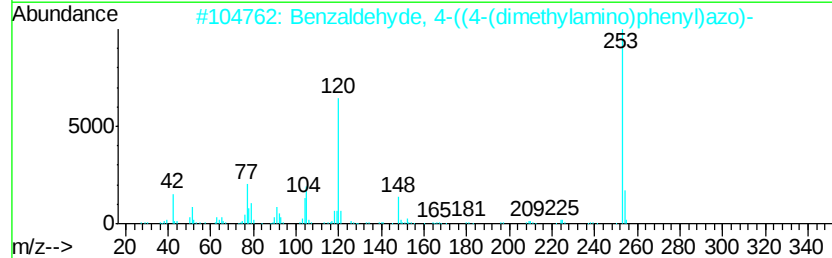
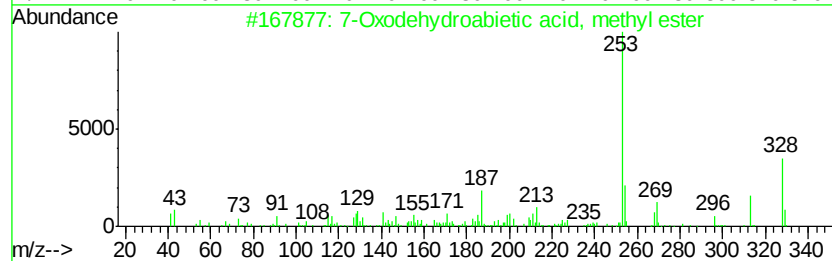
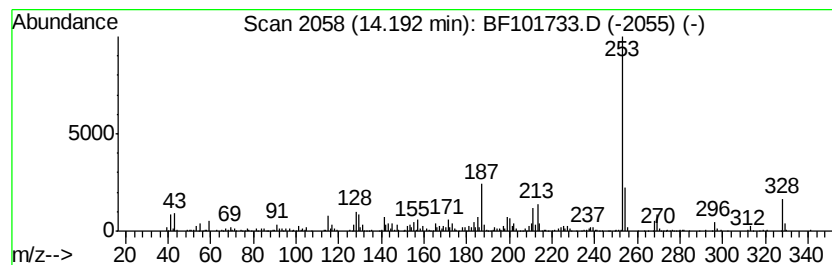
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 7-Oxodehydroabiatic acid, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	9.23 ng	372315	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Oxodehydroabiatic acid, methyl...	328	C21H28O3	110936-78-2	95
2		Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	46
3		2H-Benzopyran-6-carbonitrile, 3,...	286	C16H18N2O3	150871-62-8	38
4		Silane, diphenylisobutoxy(2-meth...	330	C19H26O3Si	1000367-72-2	38
5		3,6,6-Trimethyl-1-O-tolyl-1,5,6,...	268	C17H20N2O	1000295-04-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101733.D
Acq On : 27 Dec 2017 00:14
Operator : SJ/JU
Sample : I6957-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

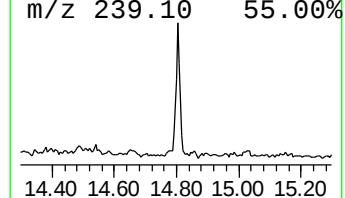
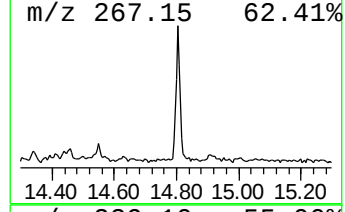
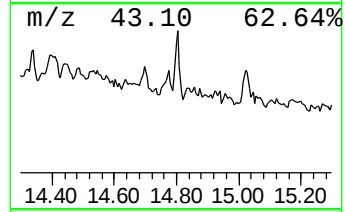
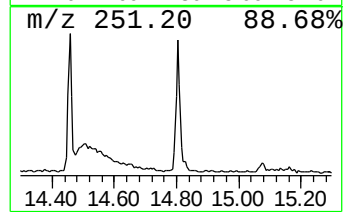
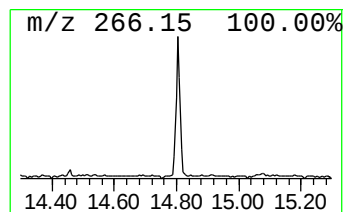
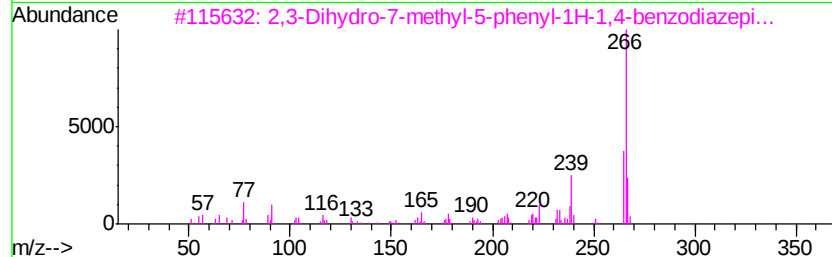
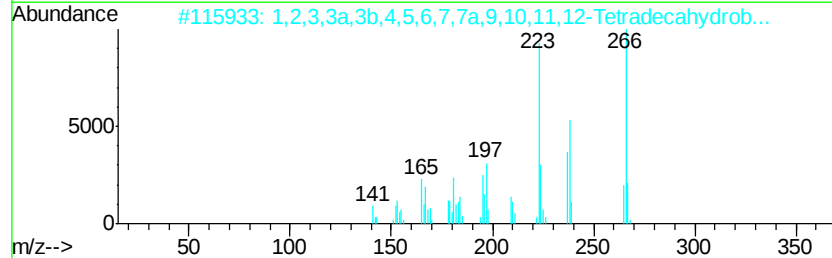
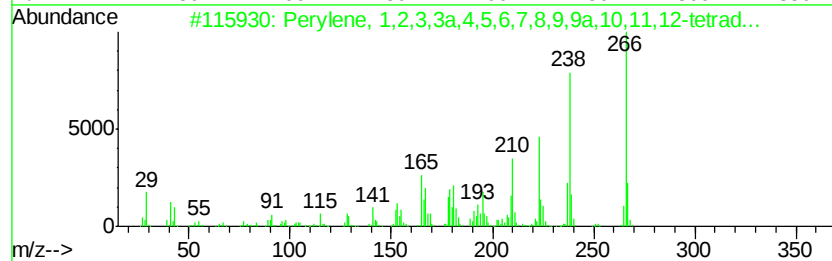
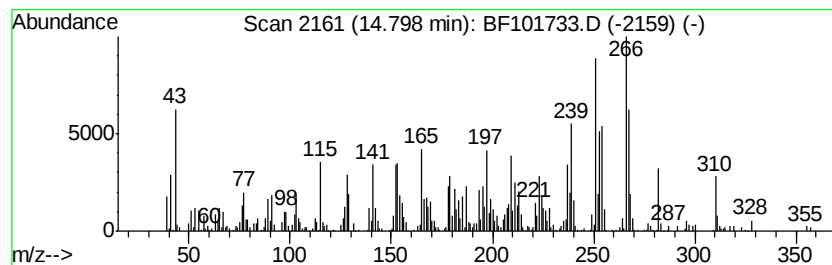
Instrument :
BNA_F
ClientSampleId :
HALSTED-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown14.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	12.25 ng	424517	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266 C20H26	007594-86-7	45
2	1,2,3,3a,3b,4,5,6,7,7a,9,10,11,1...	266 C20H26	095676-39-4	45
3	2,3-Dihydro-7-methyl-5-phenyl-1H...	266 C16H14N2S	002888-60-0	38
4	1-Acetyl-2-amino-3-cyano-7-isopr...	266 C17H18N2O	1000241-32-4	38
5	2-[2-(4-Methoxyphenyl)ethenyl]be...	267 C16H13NOS	059198-05-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101733.D
 Acq On : 27 Dec 2017 00:14
 Operator : SJ/JU
 Sample : I6957-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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...	5.01	4.5 ng		173797	1	6.79	770029	20.0
unknown6.56	6.56	57.7 ng		2223150	1	6.79	770029	20.0
Octanoic acid	7.20	4.8 ng		183649	1	6.79	770029	20.0
Cyclooctane, 1-me...	7.30	3.6 ng		138968	1	6.79	770029	20.0
Nonanoic acid	8.45	11.1 ng		565078	2	8.07	1014510	20.0
Tetradecanoic acid	10.98	18.0 ng		795343	4	11.32	885523	20.0
Sulfurous acid, i...	12.46	3.4 ng		152286	4	11.32	885523	20.0
cis-Vaccenic acid	12.55	13.1 ng		581672	4	11.32	885523	20.0
2H-Pyran-2-one, t...	12.60	4.2 ng		187820	4	11.32	885523	20.0
Octadecanoic acid	12.63	60.9 ng		2695600	4	11.32	885523	20.0
Heptadecane	12.76	5.2 ng		210057	5	13.97	806730	20.0
unknown13.70	13.70	7.7 ng		308428	5	13.97	806730	20.0
unknown13.76	13.76	5.5 ng		222816	5	13.97	806730	20.0
Heptadecyl heptaf...	13.78	7.9 ng		318085	5	13.97	806730	20.0
unknown13.82	13.82	3.6 ng		143899	5	13.97	806730	20.0
unknown13.84	13.84	5.0 ng		202416	5	13.97	806730	20.0
7-Oxodehydroabiet...	14.19	9.2 ng		372315	5	13.97	806730	20.0
unknown14.80	14.80	12.3 ng		424517	6	15.44	693314	20.0