

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107276.D
 Acq On : 10 Jul 2018 16:48
 Operator : JU/SJ
 Sample : J3901-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.178	479	483	496	rBV	96830	119482	12.30%	1.358%
2	5.590	549	553	573	rBV	802673	774386	79.73%	8.800%
3	6.589	719	723	741	rBV	732316	770700	79.35%	8.758%
4	6.719	741	745	749	rBV	841145	752333	77.46%	8.549%
5	6.942	779	783	786	rBV	250592	223616	23.02%	2.541%
6	7.095	805	809	813	rBV	689220	609160	62.72%	6.922%
7	7.507	874	879	882	rBV	492958	446876	46.01%	5.078%
8	8.225	997	1001	1015	rBV	282590	258025	26.56%	2.932%
9	9.295	1178	1183	1186	rBV	907880	774045	79.69%	8.796%
10	9.689	1246	1250	1257	rVB	127566	105873	10.90%	1.203%
11	9.983	1296	1300	1304	rBV	312129	257774	26.54%	2.929%
12	10.783	1432	1436	1439	rBV	562604	491573	50.61%	5.586%
13	11.483	1551	1555	1557	rBV	313501	297951	30.68%	3.386%
14	11.501	1557	1558	1562	rVB	56204	43074	4.43%	0.489%
15	11.560	1565	1568	1571	rVB	14287	12026	1.24%	0.137%
16	11.819	1608	1612	1615	rBV	19213	16549	1.70%	0.188%
17	12.095	1656	1659	1662	rBV2	12505	13807	1.42%	0.157%
18	12.701	1758	1762	1766	rBV	109670	88882	9.15%	1.010%
19	12.907	1794	1797	1799	rBV2	23550	22923	2.36%	0.260%
20	12.936	1799	1802	1807	rVB	97217	91414	9.41%	1.039%
21	13.066	1819	1824	1827	rBV	1065675	971306	100.00%	11.038%
22	13.260	1849	1857	1861	rBV2	36061	46676	4.81%	0.530%
23	13.324	1866	1868	1871	rBV	17725	14567	1.50%	0.166%
24	13.366	1871	1875	1878	rBV2	9441	12009	1.24%	0.136%
25	13.607	1913	1916	1919	rBV	35434	28801	2.97%	0.327%
26	13.936	1969	1972	1979	rBV	127064	154586	15.92%	1.757%
27	14.136	2002	2006	2009	rBV2	370618	395941	40.76%	4.499%
28	14.165	2009	2011	2015	rVB	50686	43719	4.50%	0.497%
29	14.254	2022	2026	2031	rBV2	55621	62874	6.47%	0.714%
30	14.565	2076	2079	2082	rBV	76231	74559	7.68%	0.847%
31	14.883	2130	2133	2139	rVB	78955	81063	8.35%	0.921%
32	14.960	2143	2146	2151	rVB	46419	59189	6.09%	0.673%
33	15.236	2187	2193	2199	rVB2	87072	166466	17.14%	1.892%
34	15.548	2243	2246	2252	rVB	34967	43438	4.47%	0.494%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.630	2254	2260	2264	rBV2	59369	120448	12.40%	1.369%
36	15.677	2264	2268	2273	rBV	171680	227138	23.38%	2.581%
37	16.089	2334	2338	2343	rVB	38799	64020	6.59%	0.728%
38	17.265	2533	2538	2546	rVB3	26311	62571	6.44%	0.711%

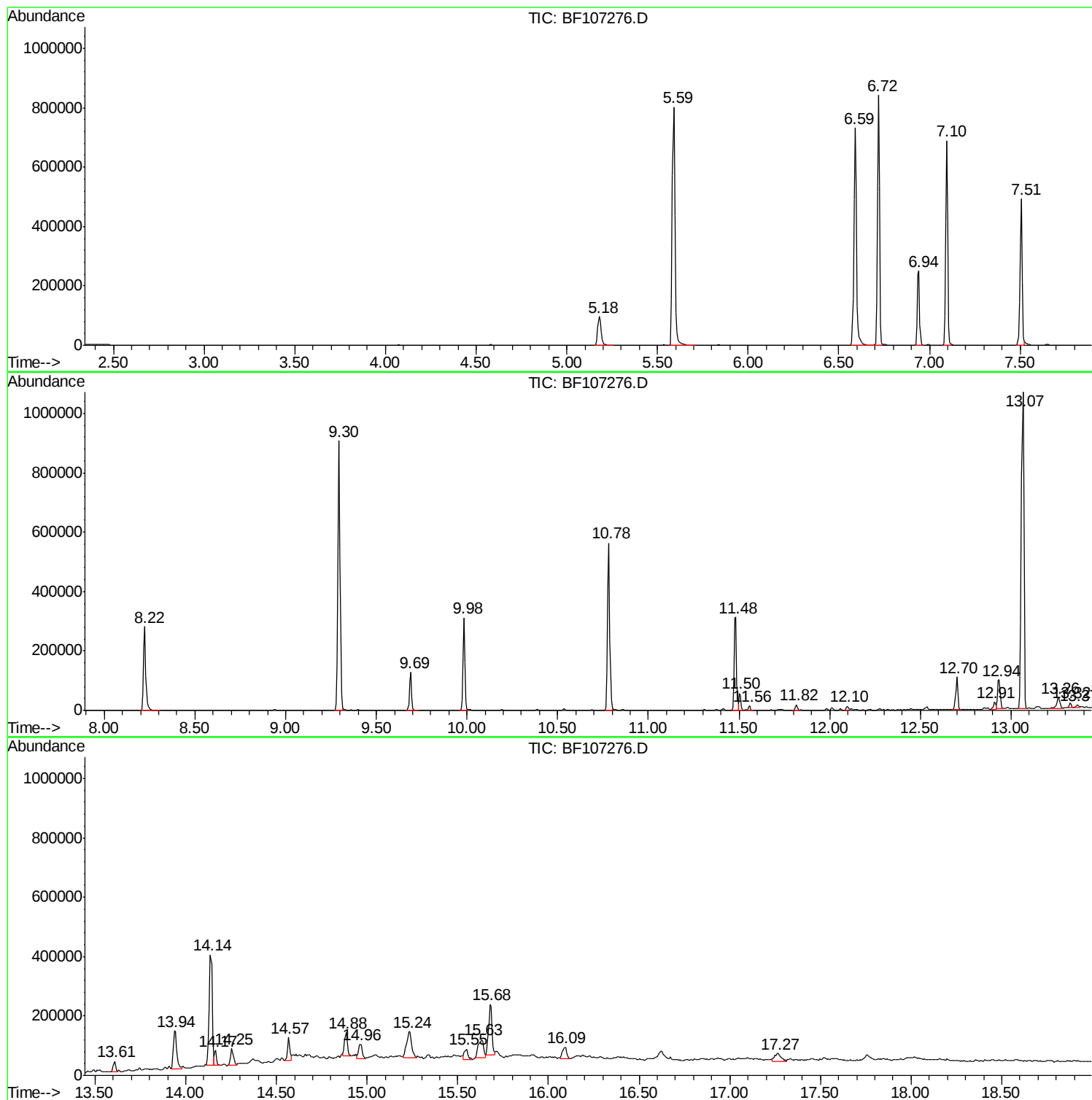
Sum of corrected areas: 8799840

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

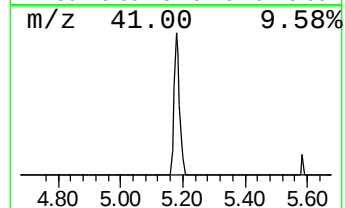
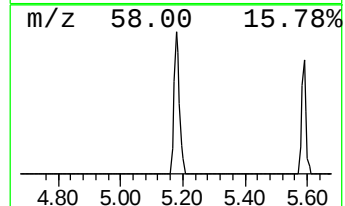
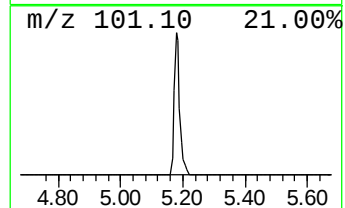
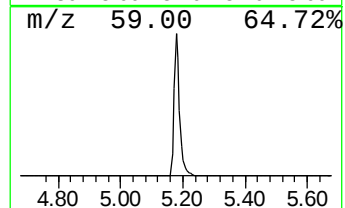
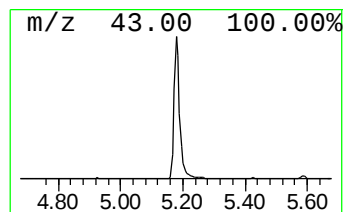
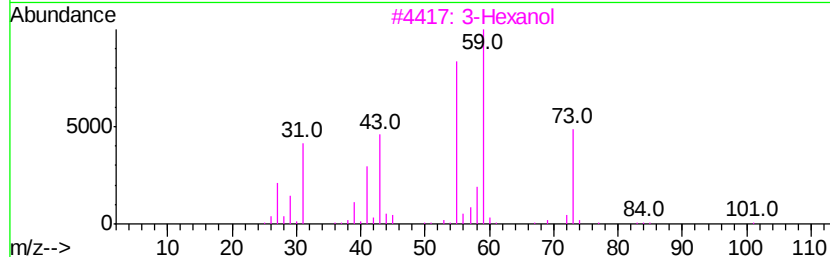
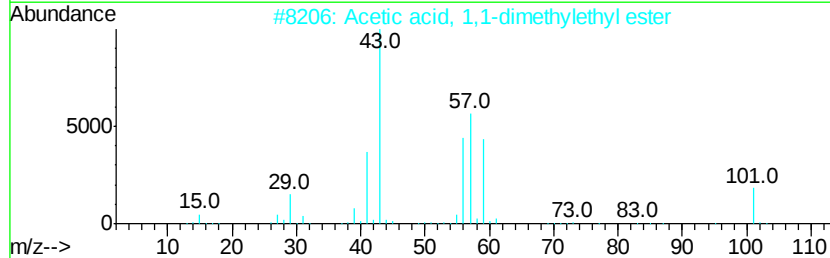
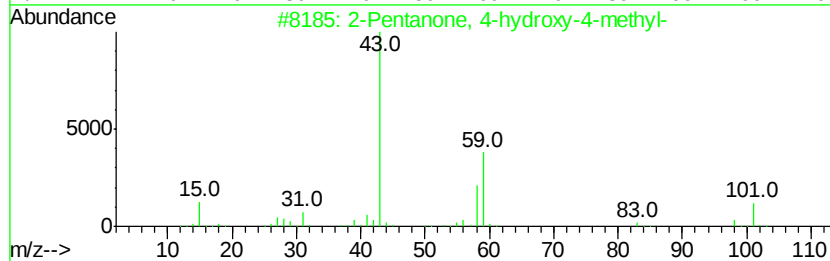
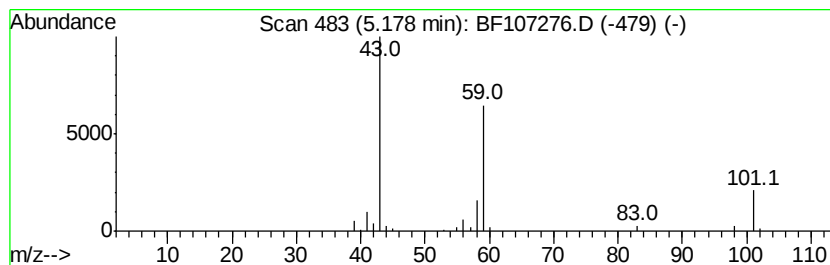
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.69 ng	119482	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol	102	C6H14O	000623-37-0	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

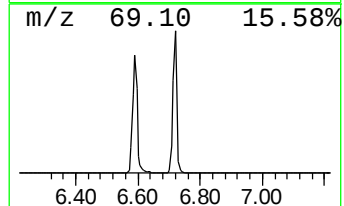
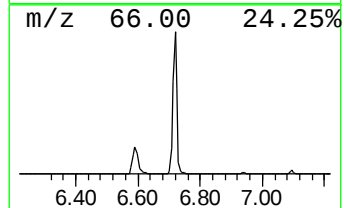
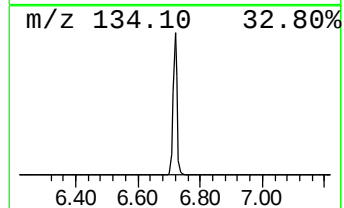
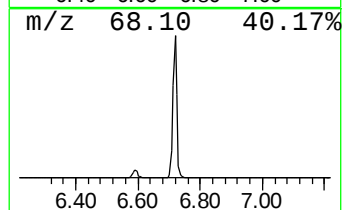
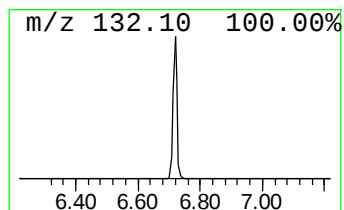
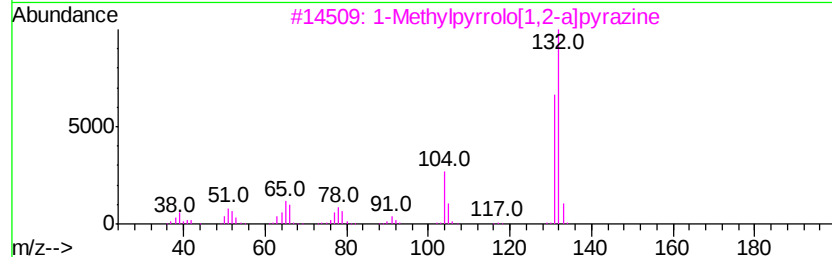
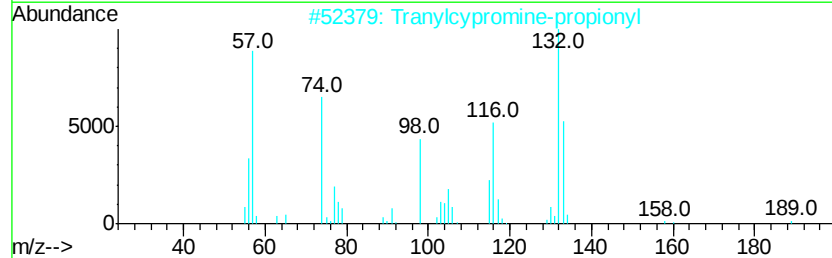
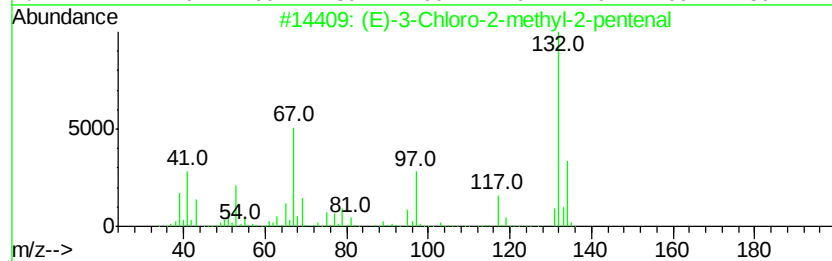
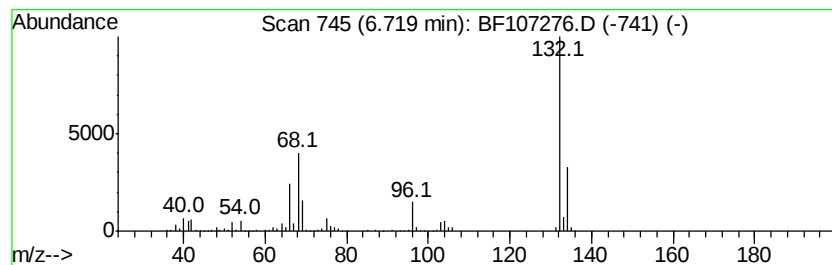
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	67.29 ng	752333	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

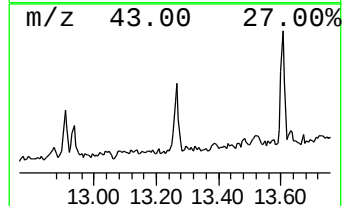
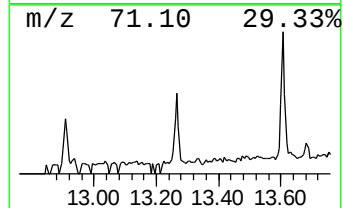
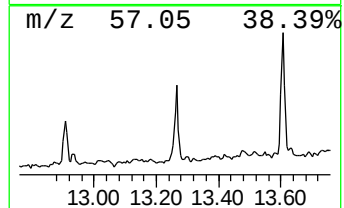
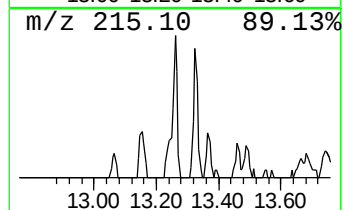
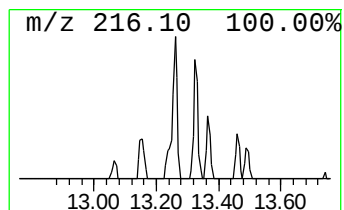
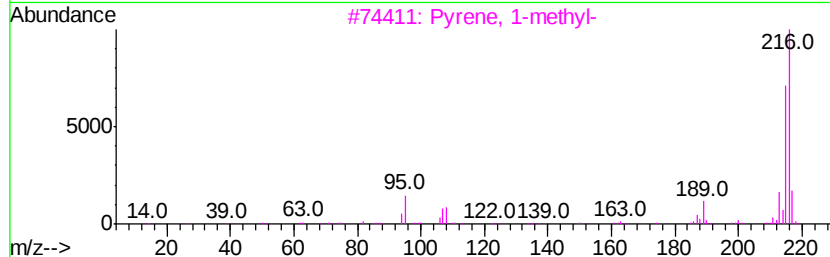
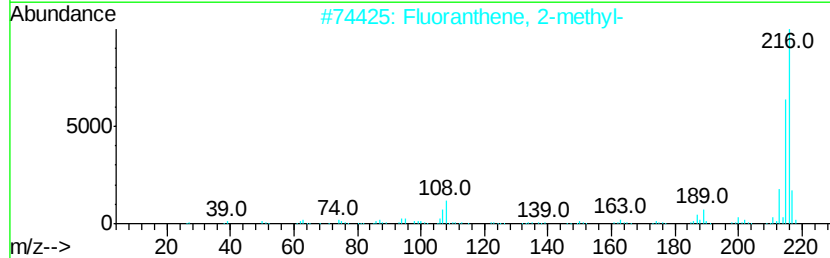
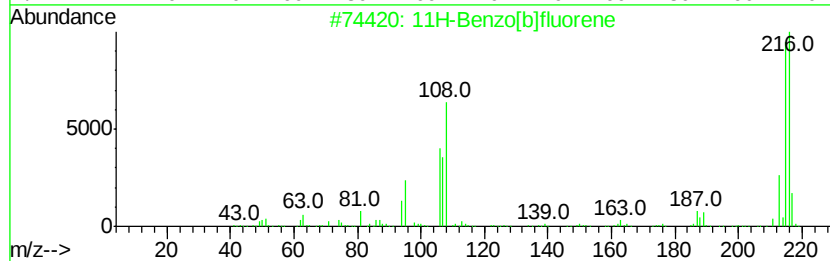
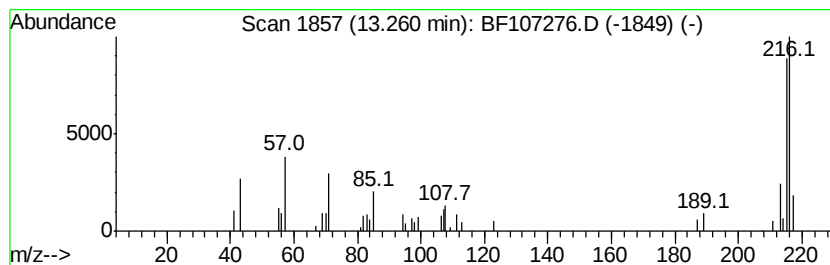
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.36 ng	46676	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

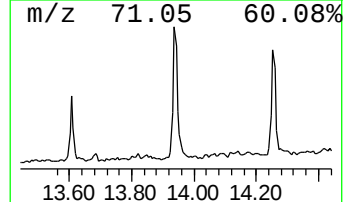
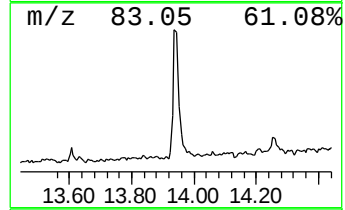
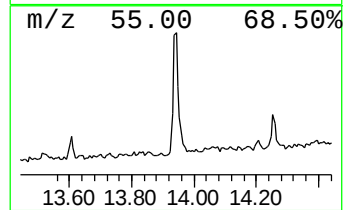
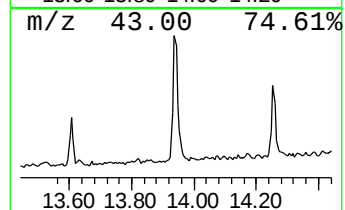
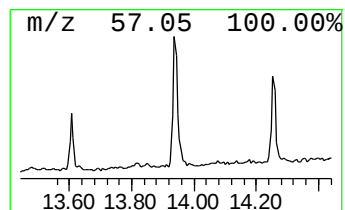
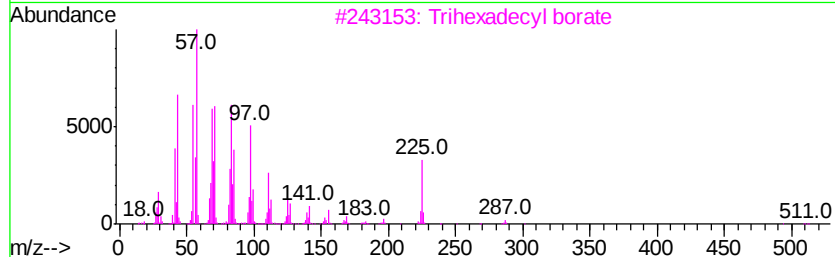
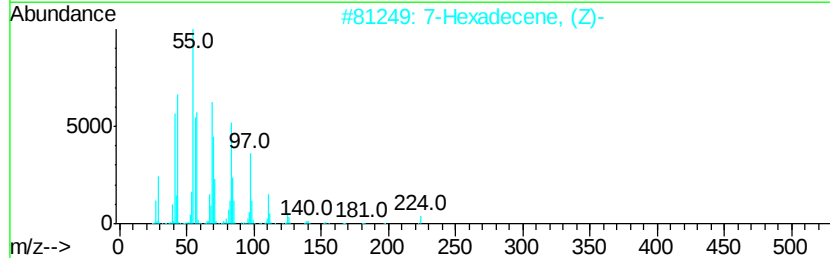
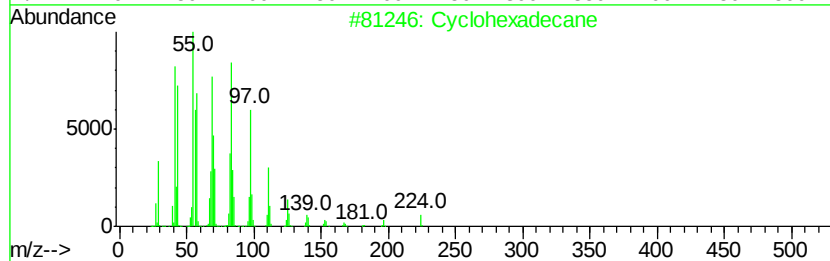
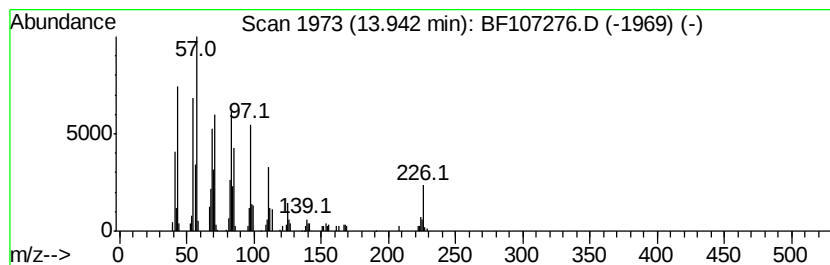
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	7.81 ng	154586	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	92
2		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
3		Trihexadecyl borate	735	C48H99B03	002665-11-4	81
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
5		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

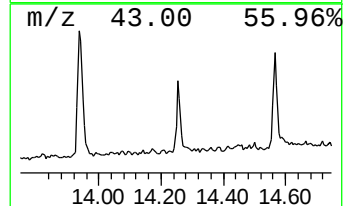
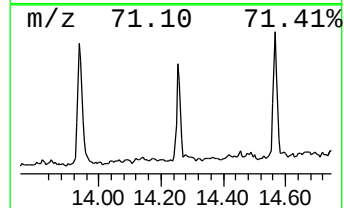
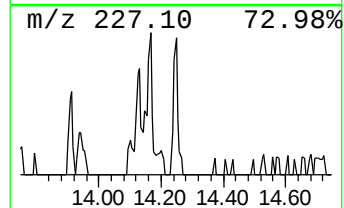
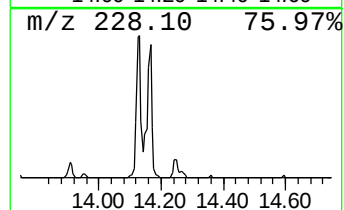
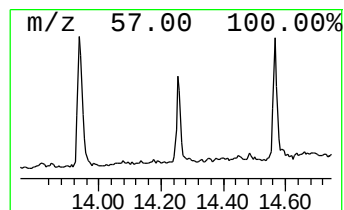
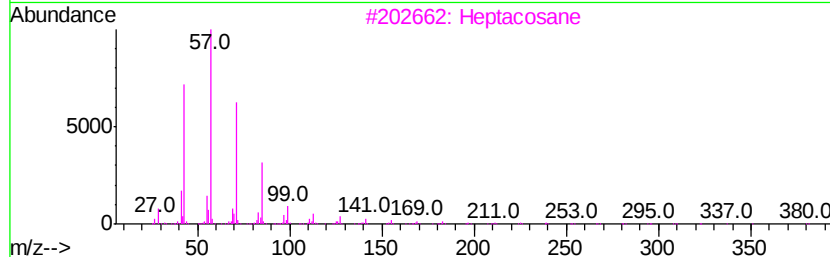
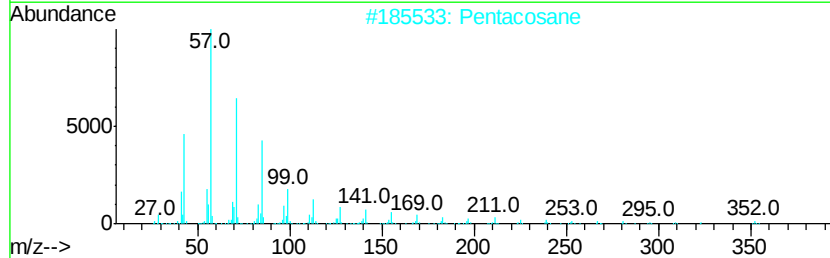
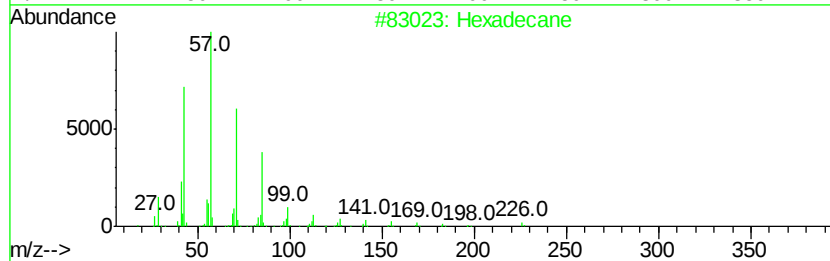
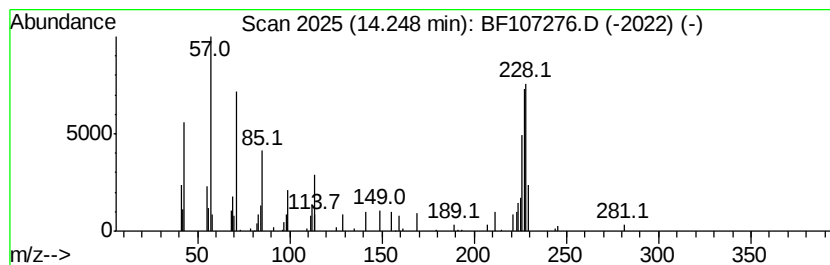
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.18 ng	62874	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Pentacosane	352	C25H52	000629-99-2	76
3		Heptacosane	380	C27H56	000593-49-7	76
4		Heneicosane	296	C21H44	000629-94-7	76
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

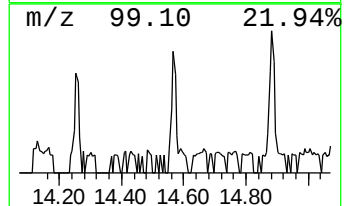
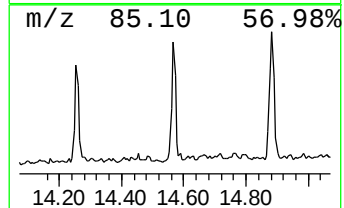
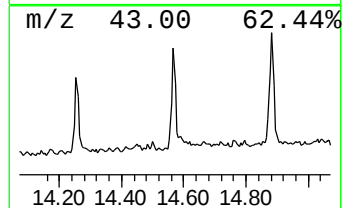
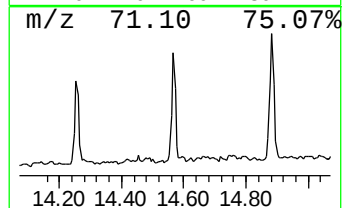
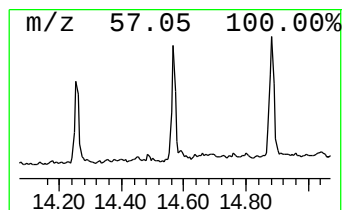
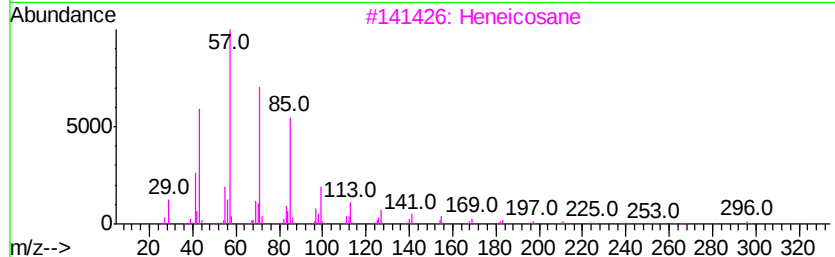
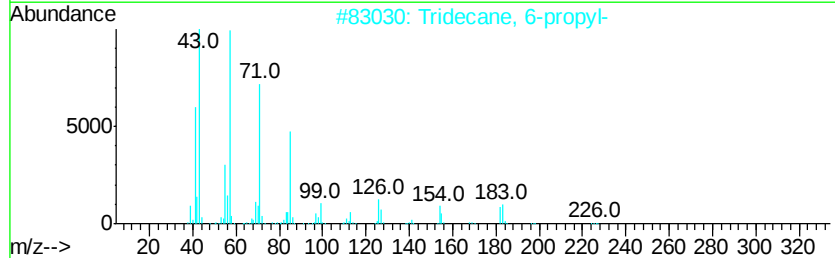
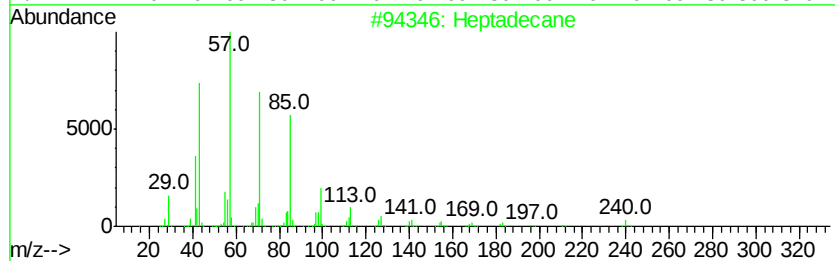
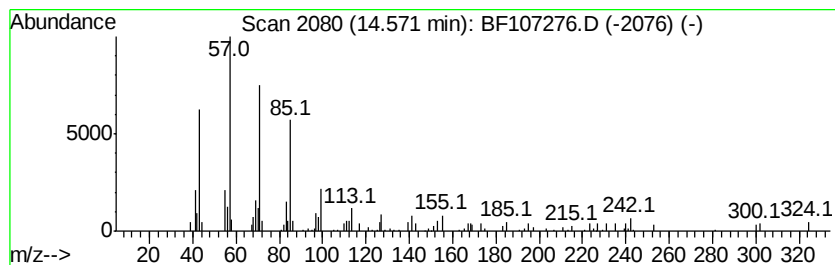
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.77 ng	74559	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	87
3	Heneicosane		296	C21H44	000629-94-7	87
4	Pentacosane		352	C25H52	000629-99-2	83
5	Heptacosane		380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

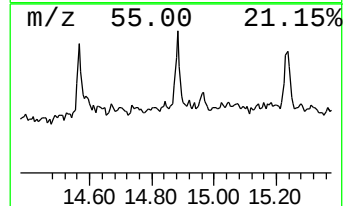
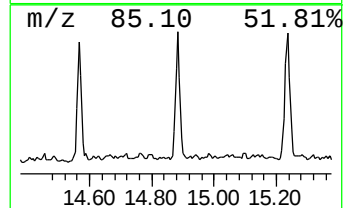
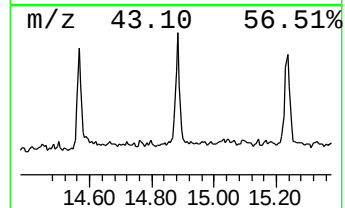
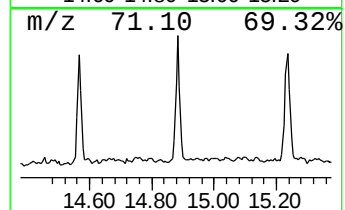
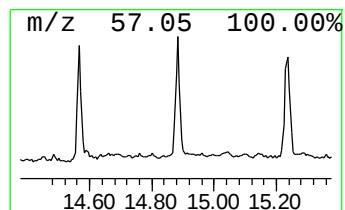
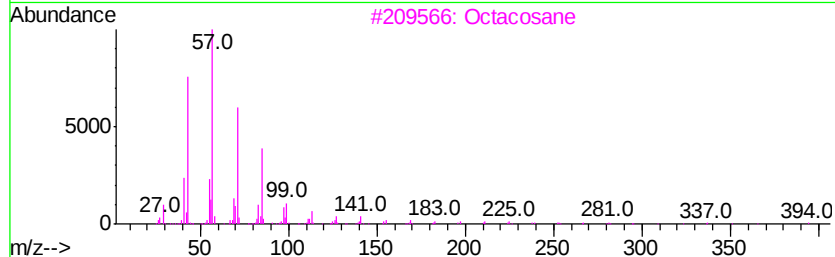
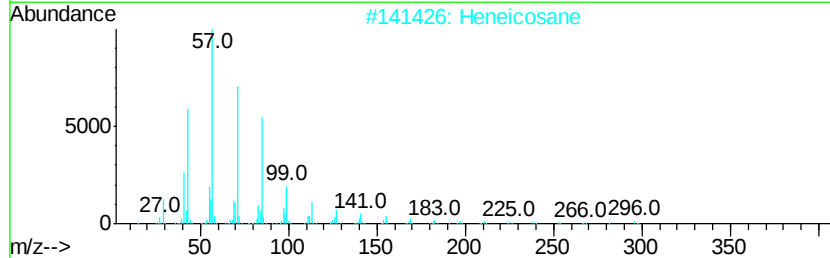
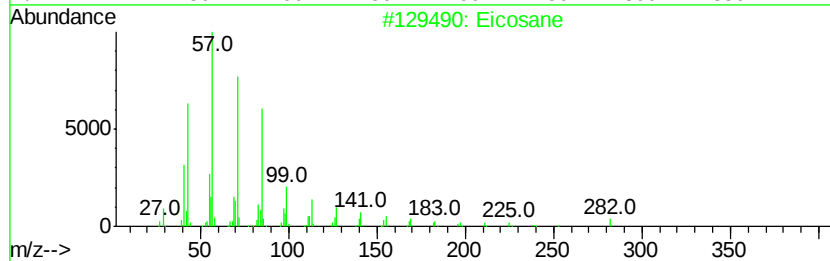
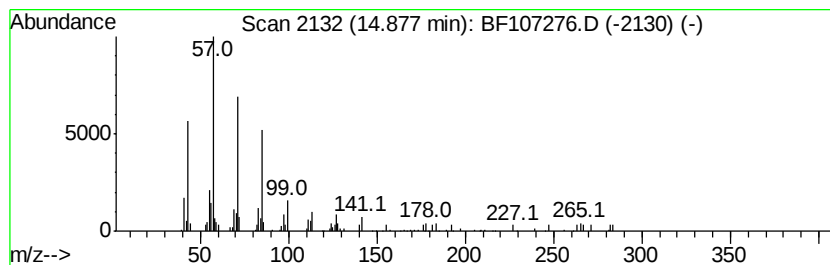
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	4.09 ng	81063	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Heneicosane		296	C21H44	000629-94-7	91
3	Octacosane		394	C28H58	000630-02-4	91
4	2-Bromotetradecane		276	C14H29Br	074036-95-6	91
5	Pentacosane		352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

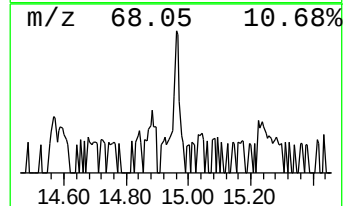
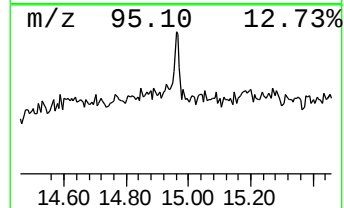
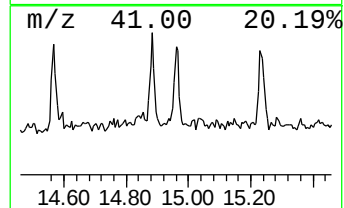
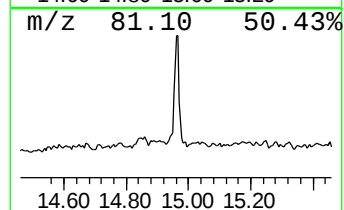
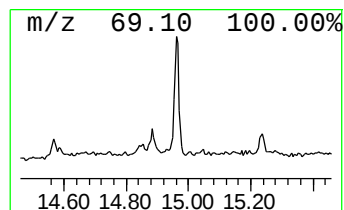
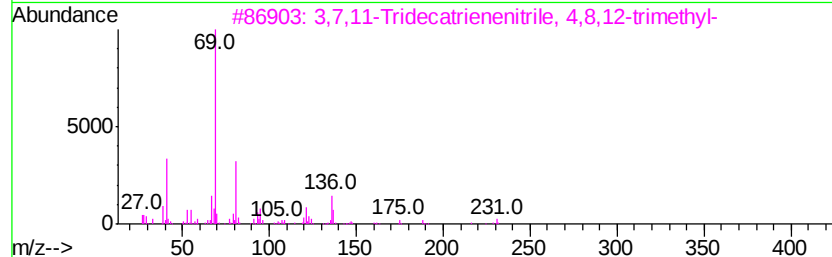
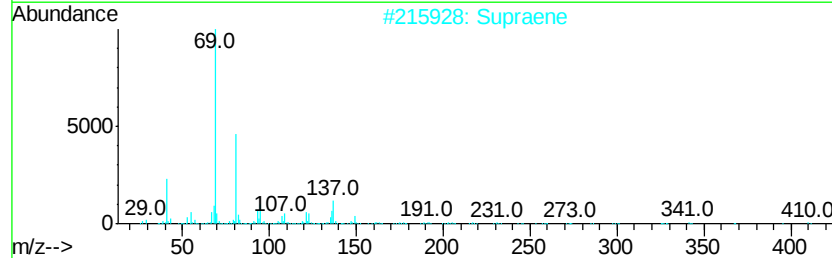
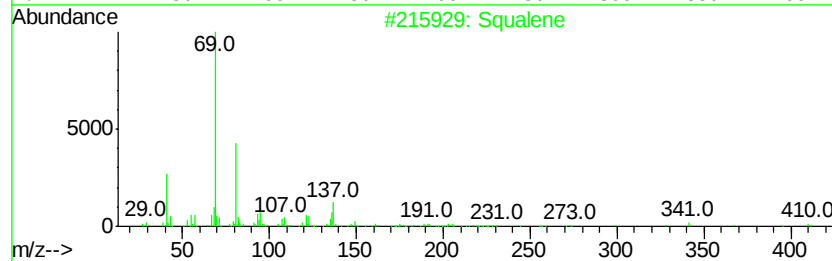
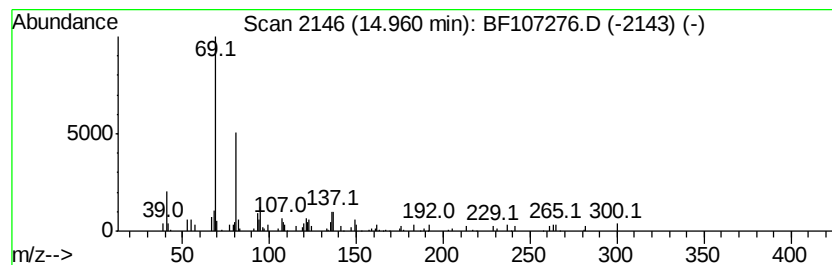
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.21 ng	59189	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	80
2		Supraene	410	C30H50	007683-64-9	64
3		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	59
4		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
5		Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

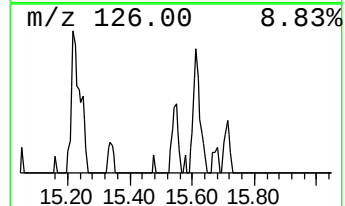
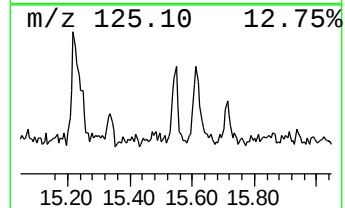
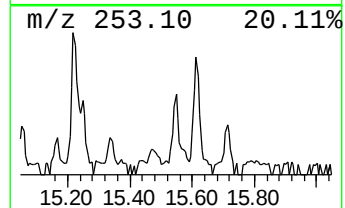
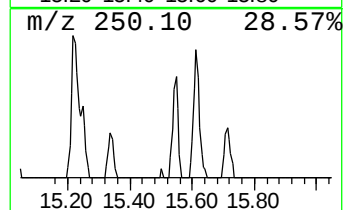
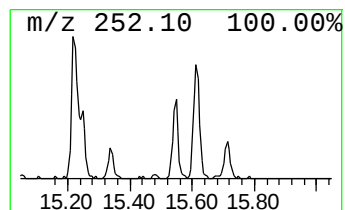
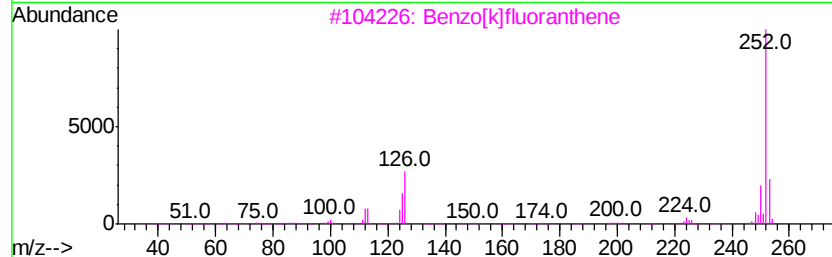
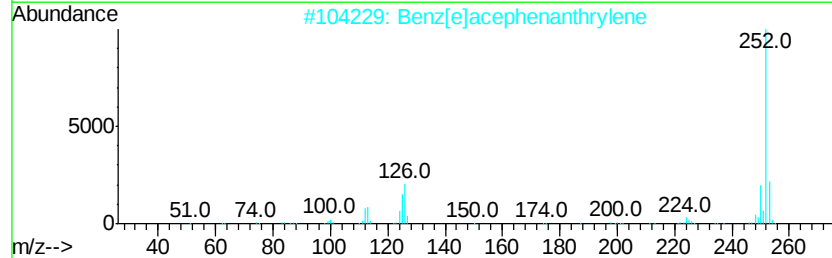
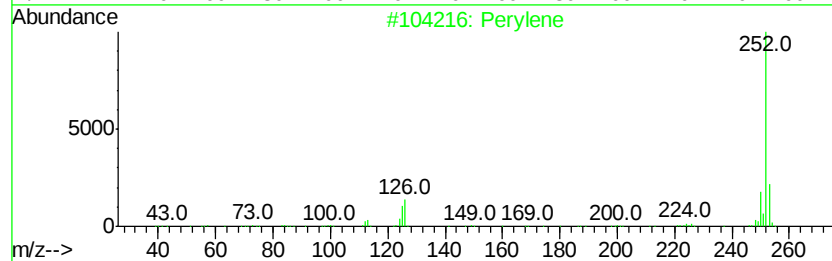
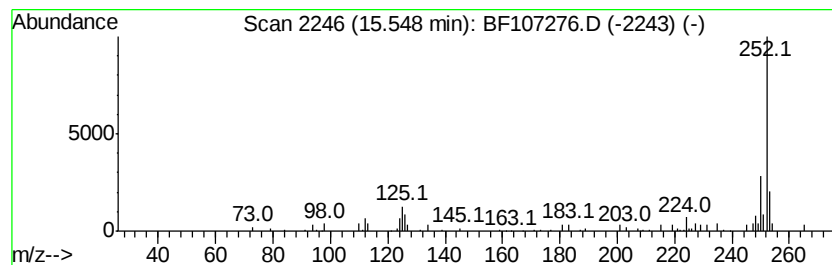
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.82 ng	43438	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	76
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4		Benzo[a]pyrene	252	C20H12	000050-32-8	76
5		Chromium, (.eta.5-2,4-cyclopenta...	252	C15H20Cr	135162-31-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

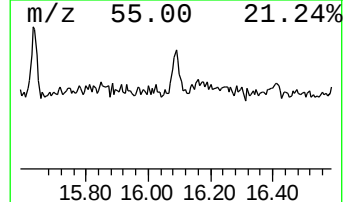
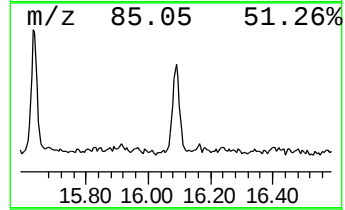
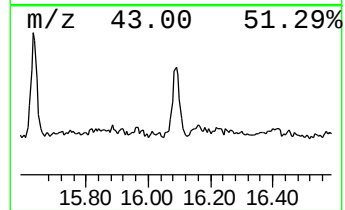
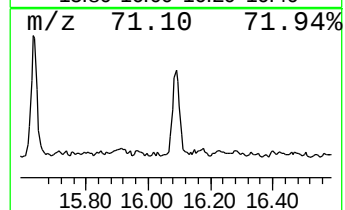
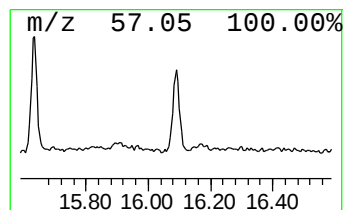
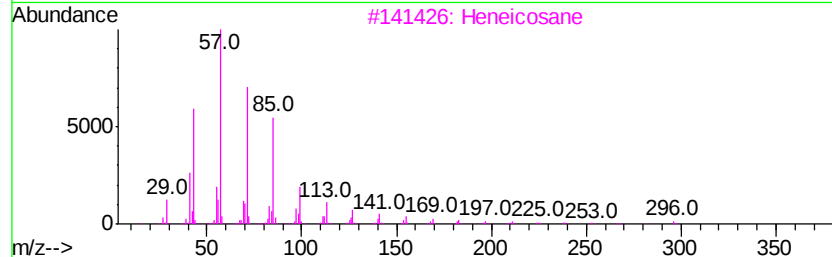
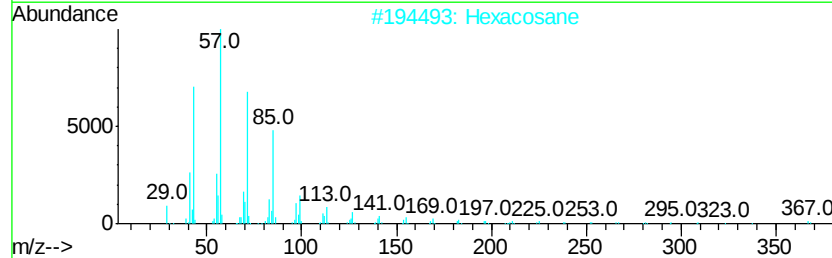
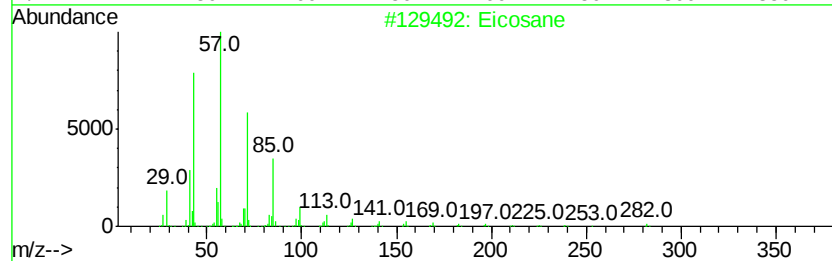
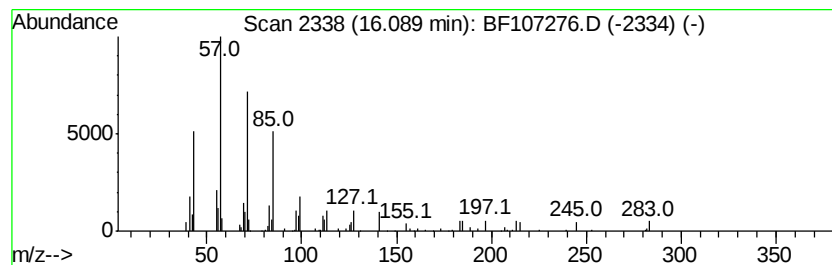
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.64 ng	64020	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107276.D
Acq On : 10 Jul 2018 16:48
Operator : JU/SJ
Sample : J3901-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	10.7	ng	119482	1	6.94	223616	20.0
unknown6.72	6.72	67.3	ng	752333	1	6.94	223616	20.0
11H-Benzo[b]fluorene	13.26	2.4	ng	46676	5	14.14	395941	20.0
Cyclohexadecane	13.94	7.8	ng	154586	5	14.14	395941	20.0
Hexadecane	14.25	3.2	ng	62874	5	14.14	395941	20.0
Heptadecane	14.57	3.8	ng	74559	5	14.14	395941	20.0
Eicosane	14.88	4.1	ng	81063	5	14.14	395941	20.0
Squalene	14.96	5.2	ng	59189	6	15.68	227138	20.0
Perylene	15.55	3.8	ng	43438	6	15.68	227138	20.0
Hexacosane	16.09	5.6	ng	64020	6	15.68	227138	20.0