

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128327.D
 Acq On : 18 May 2022 22:53
 Operator : CG\JU
 Sample : N2900-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-051722

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-BF050922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128327.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	541	545	560	rBV	2263636	2128128	6.85%	2.850%
2	6.504	712	717	720	rBV	2199932	2107668	6.79%	2.822%
3	6.869	775	779	786	rBV	647836	515291	1.66%	0.690%
4	7.434	871	875	879	rBV	1440271	1420012	4.57%	1.901%
5	8.151	993	997	1000	rBV	757398	600440	1.93%	0.804%
6	9.228	1175	1180	1183	rBV	2544963	2101540	6.77%	2.814%
7	9.910	1290	1296	1299	rBV	702410	590981	1.90%	0.791%
8	10.704	1427	1431	1434	rBV	1296151	1156997	3.73%	1.549%
9	10.798	1444	1447	1456	rVB	259187	320635	1.03%	0.429%
10	11.398	1546	1549	1552	rBV	612670	604574	1.95%	0.810%
11	11.422	1552	1553	1559	rVB	436852	353638	1.14%	0.474%
12	11.792	1610	1616	1619	rBV	7436672	8624035	27.78%	11.548%
13	11.939	1637	1641	1645	rVV2	647441	795875	2.56%	1.066%
14	12.516	1726	1739	1741	rBV5	9334576	31049049	100.00%	41.576%
15	12.592	1748	1752	1755	rVB	5714240	4986973	16.06%	6.678%
16	12.627	1755	1758	1759	rBV	1579208	1456208	4.69%	1.950%
17	12.657	1759	1763	1772	rVV2	2839419	6254793	20.14%	8.375%
18	12.863	1793	1798	1804	rVB	846970	1358191	4.37%	1.819%
19	12.998	1817	1821	1824	rVV	2122806	1832261	5.90%	2.453%
20	13.180	1847	1852	1855	rBV	228880	450182	1.45%	0.603%
21	13.227	1858	1860	1862	rVV2	409717	335142	1.08%	0.449%
22	13.304	1868	1873	1878	rVB2	722291	774227	2.49%	1.037%
23	13.416	1889	1892	1897	rVB	348113	326084	1.05%	0.437%
24	13.739	1943	1947	1952	rVB3	265152	392639	1.26%	0.526%
25	13.968	1983	1986	1992	rBV2	705741	707242	2.28%	0.947%
26	14.051	1996	2000	2003	rVV2	809313	1243114	4.00%	1.665%
27	14.080	2003	2005	2012	rVB	657322	672886	2.17%	0.901%
28	15.110	2176	2180	2183	rBV	452950	664643	2.14%	0.890%
29	15.415	2229	2232	2239	rVB	266578	352806	1.14%	0.472%
30	15.486	2239	2244	2248	rVB	382318	503499	1.62%	0.674%

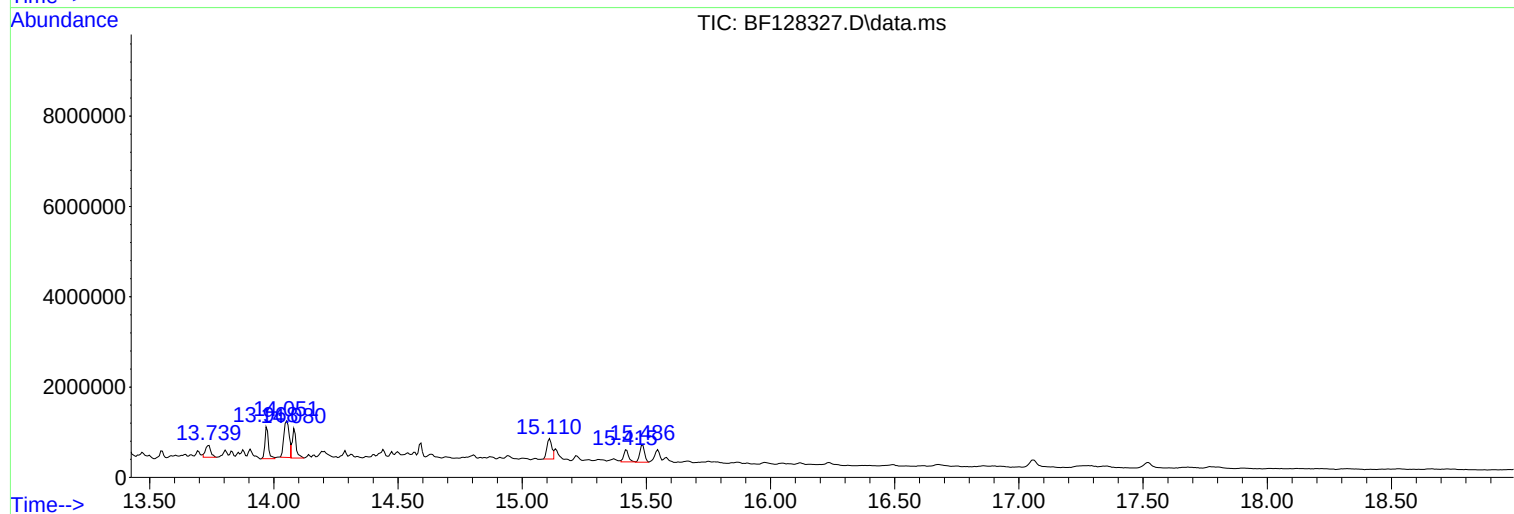
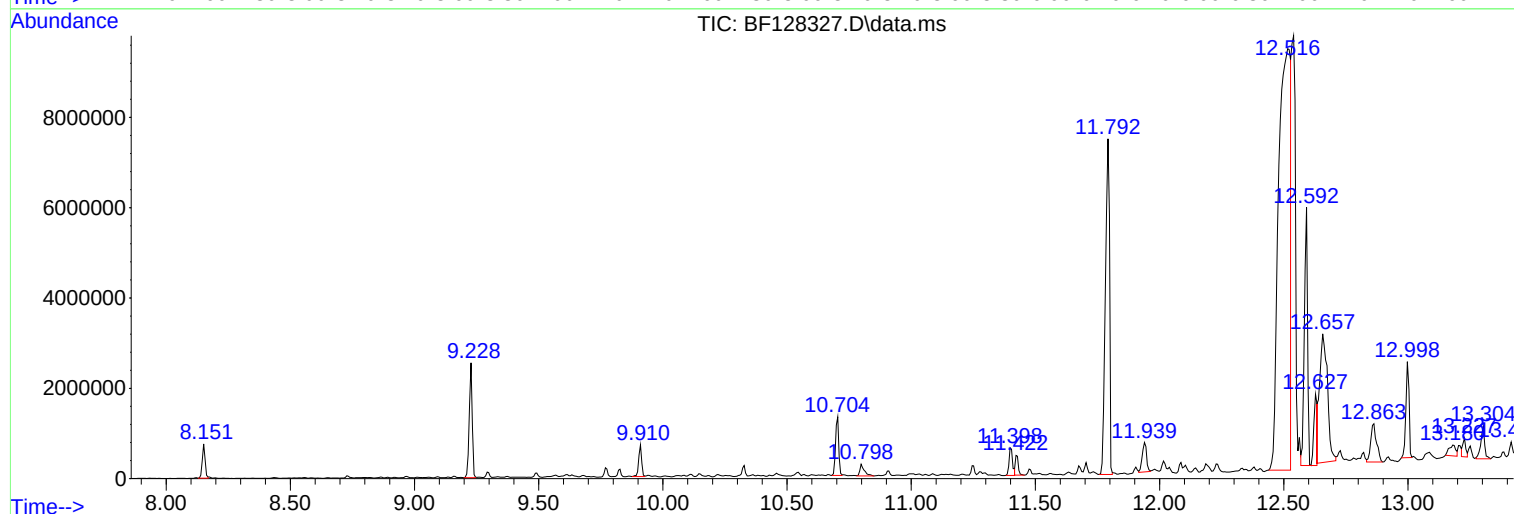
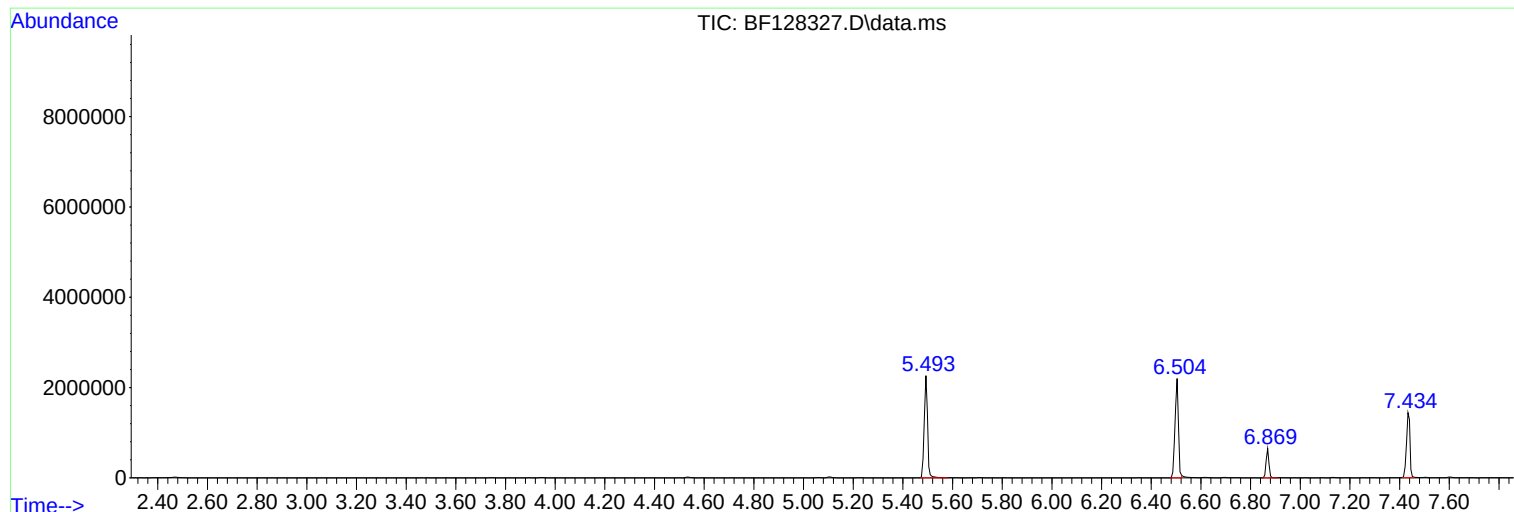
Sum of corrected areas: 74679753

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

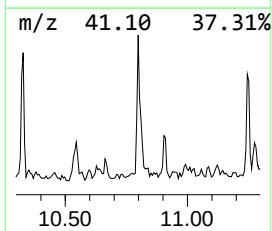
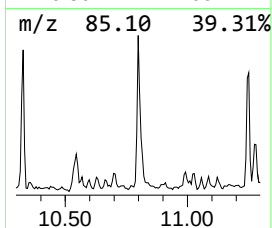
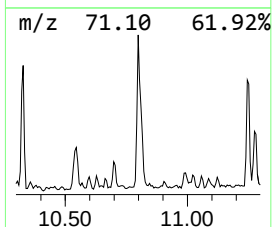
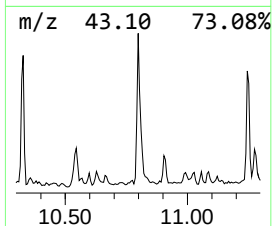
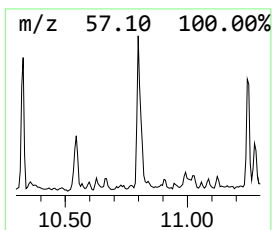
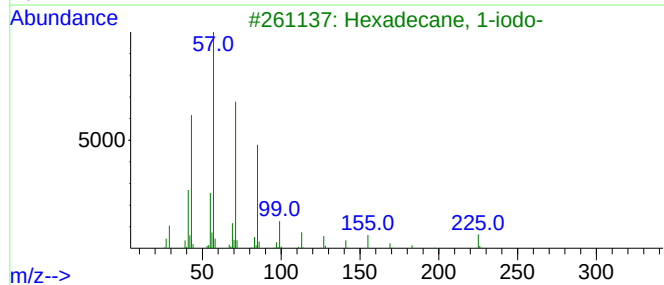
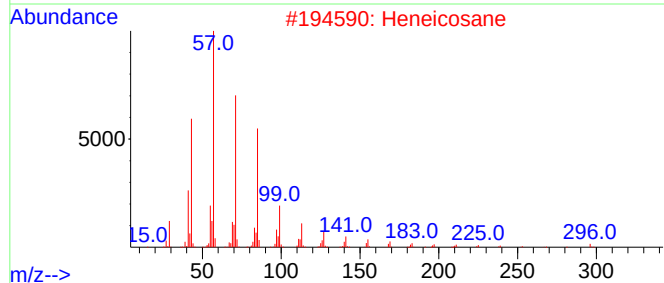
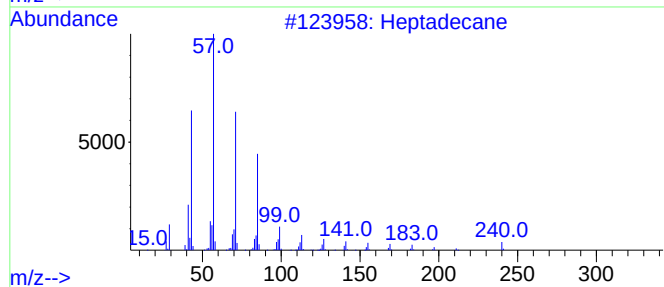
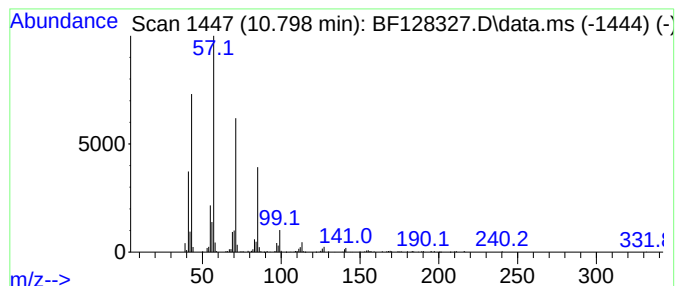
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	10.61 ng	320635	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4			9-methylheptadecane	254	C18H38	026741-18-4	86
5			Decane, 5-propyl-	184	C13H28	017312-62-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

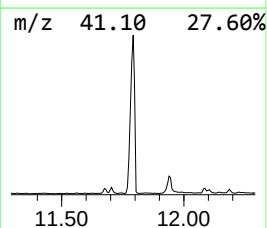
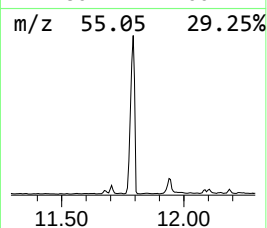
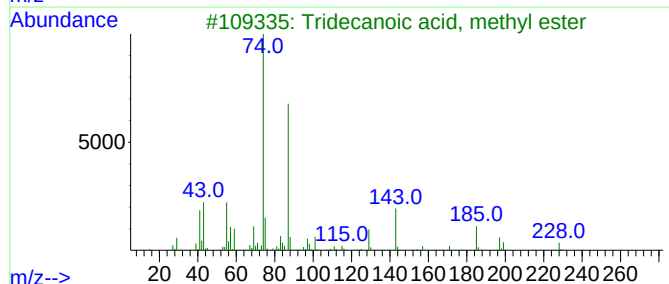
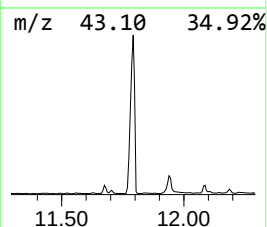
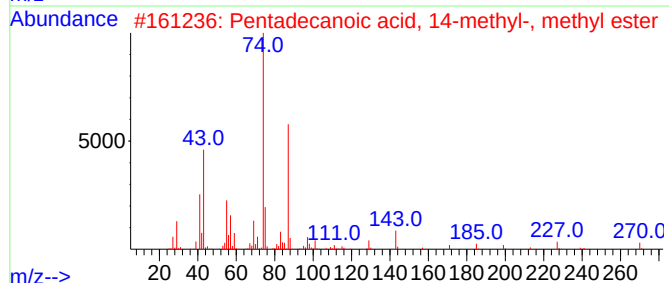
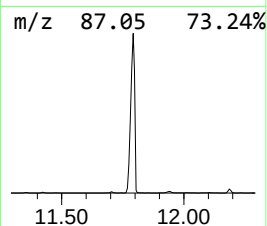
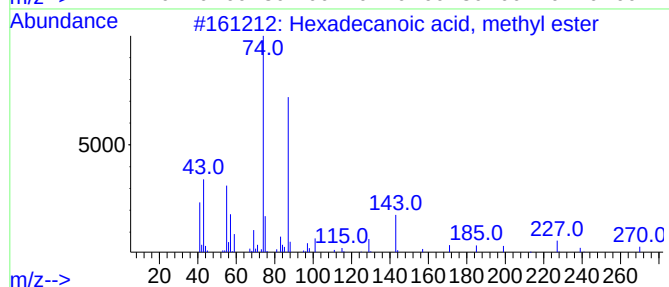
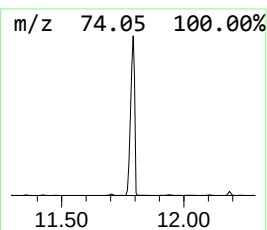
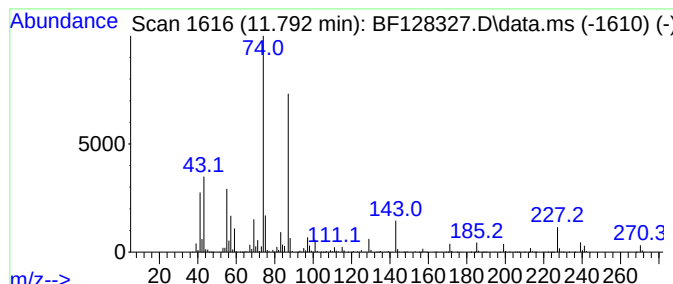
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	285.29 ng	8624040	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

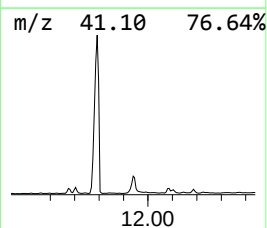
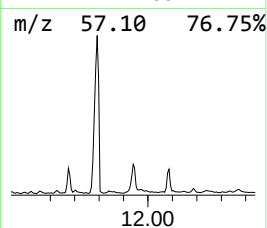
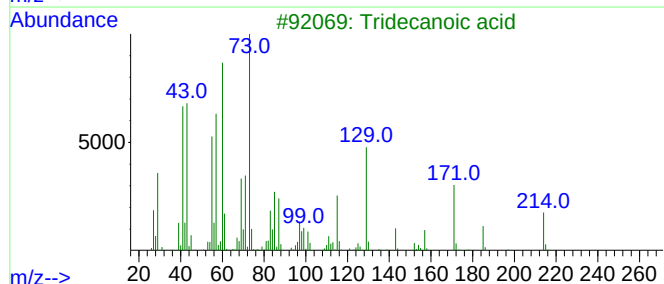
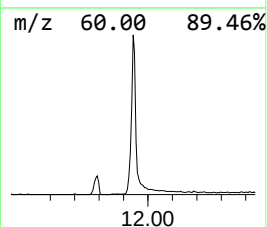
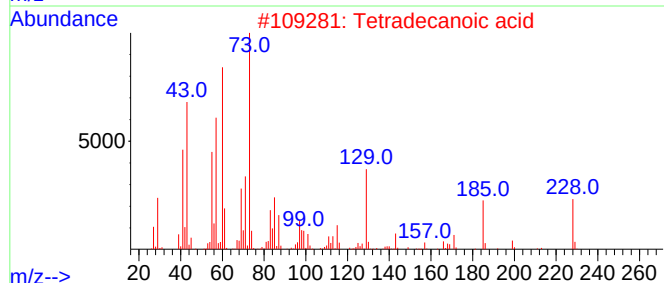
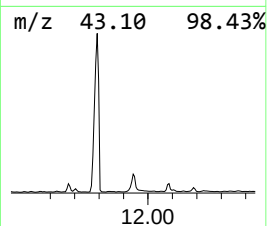
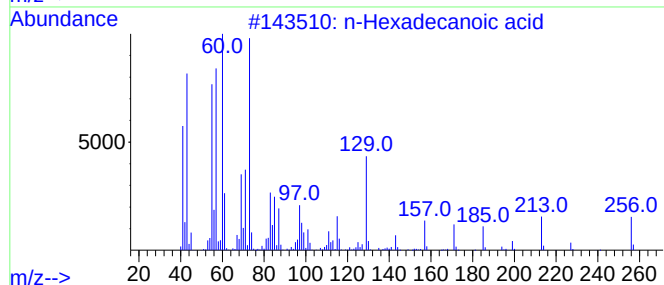
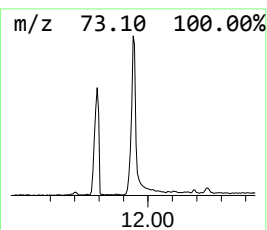
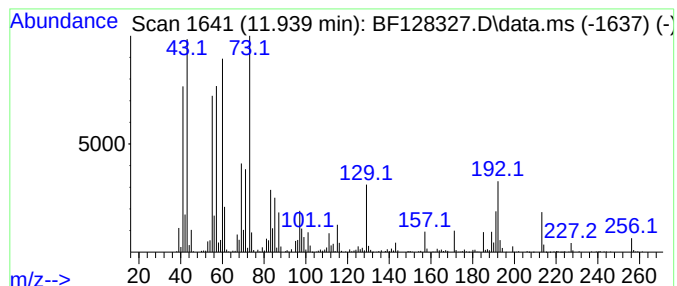
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	26.33 ng	795875	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

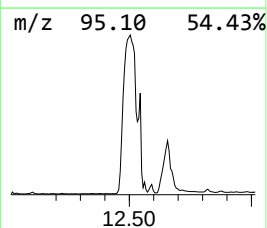
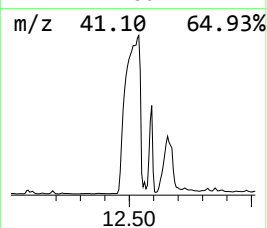
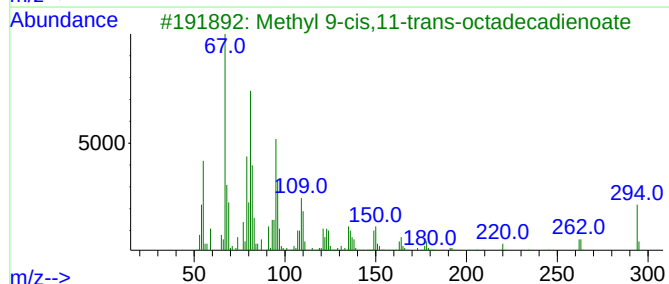
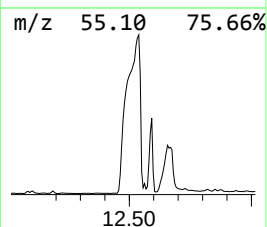
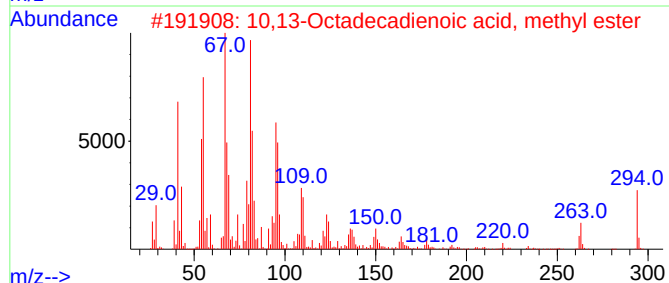
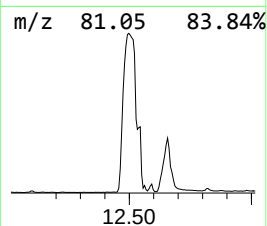
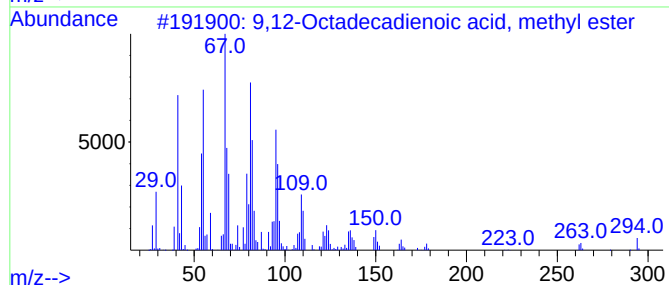
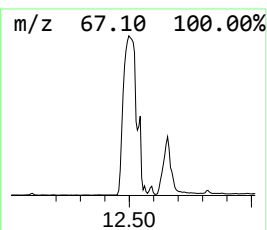
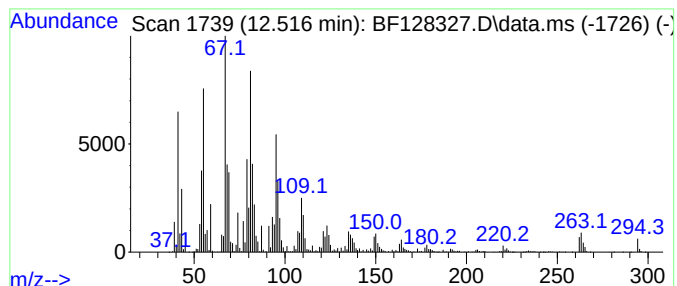
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	1027.14 ng	31049000	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

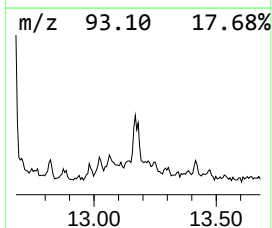
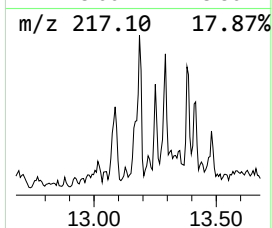
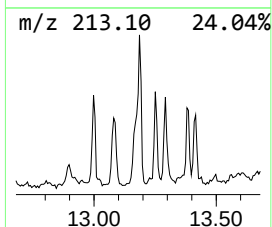
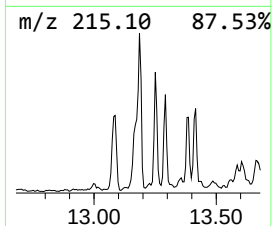
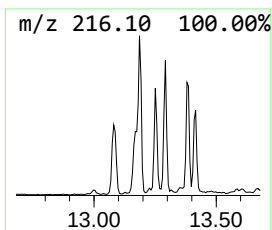
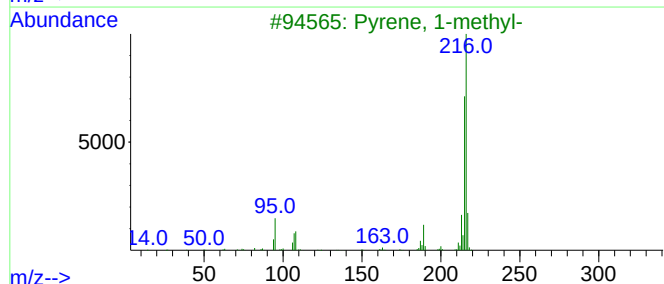
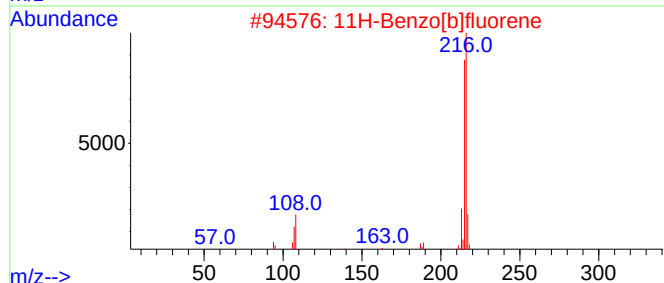
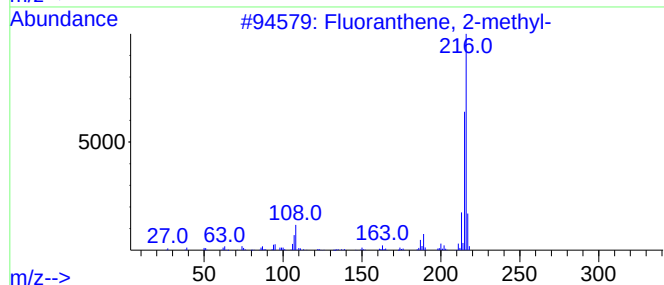
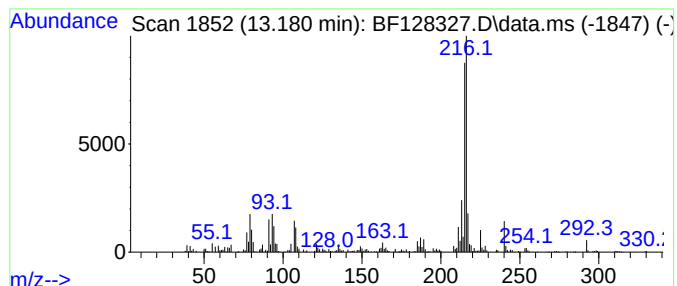
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	7.24 ng	450182	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

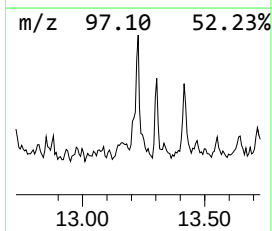
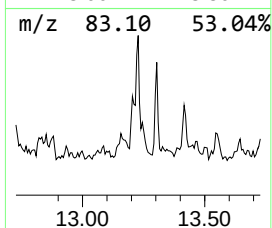
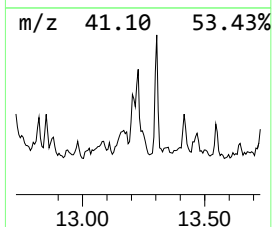
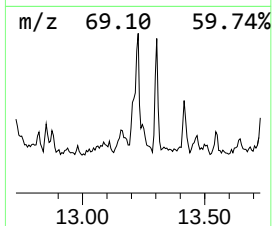
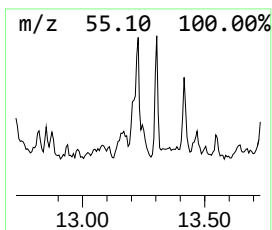
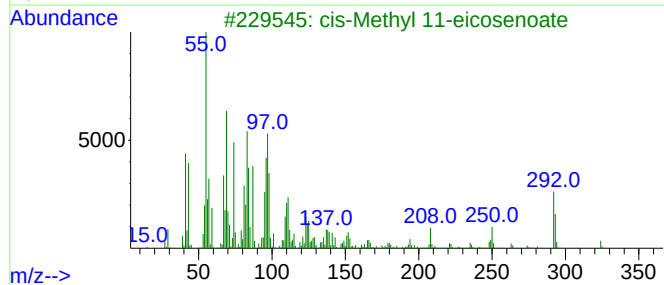
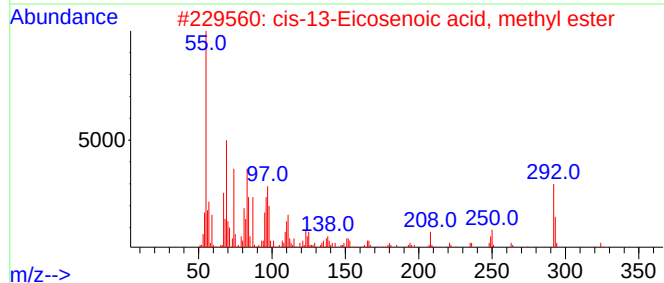
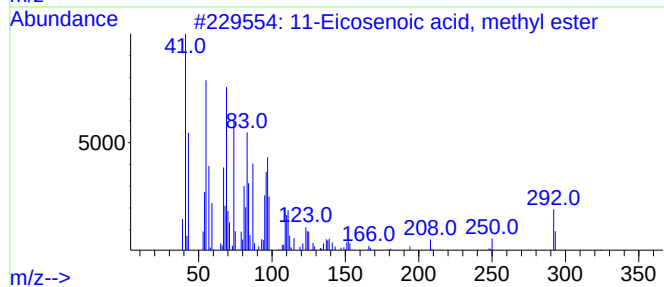
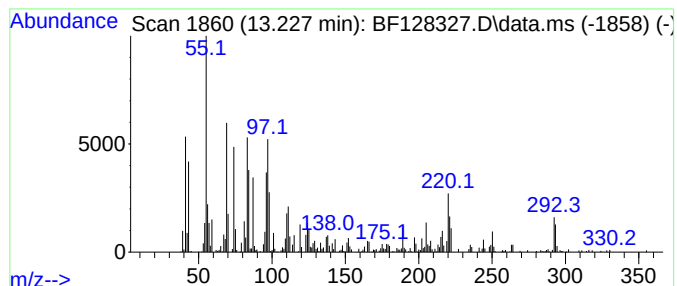
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 11-Eicosenoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.227	5.39 ng	335142	Chrysene-d12	14.057	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	87
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	83
3	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	76
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	70
5	n-Propyl 11-eicosenoate	352	C23H44O2	1010336-75-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

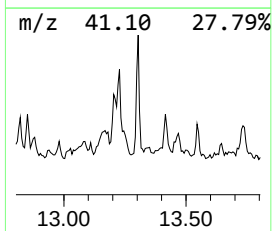
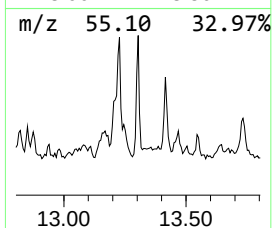
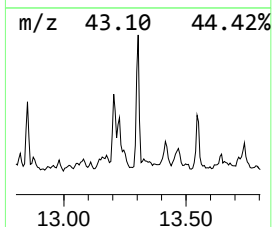
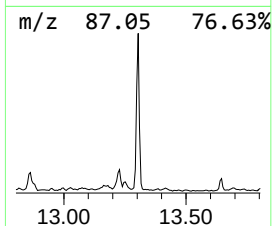
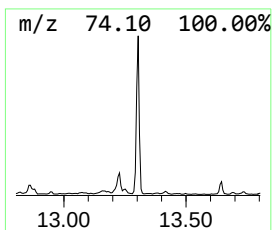
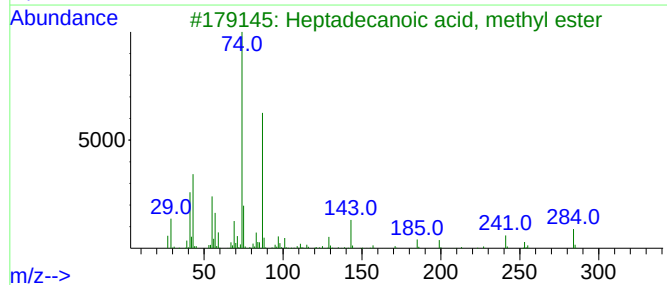
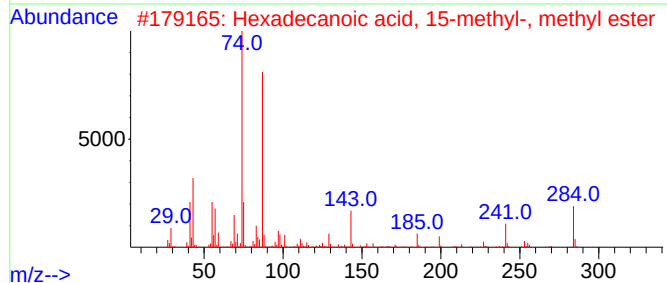
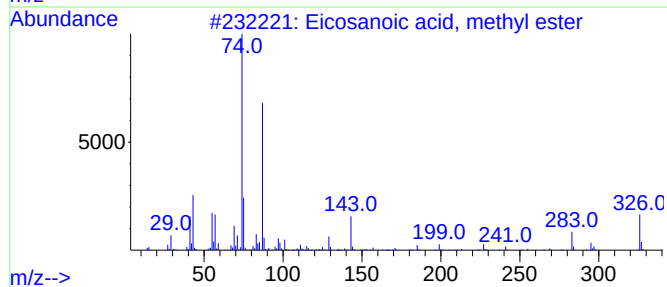
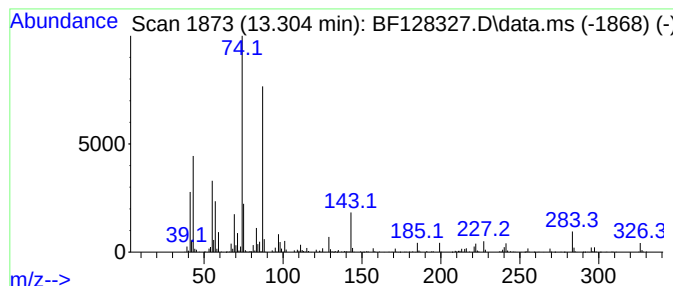
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	12.46 ng	774227	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
3			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
4			Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91
5			Methyl stearate	298	C19H38O2	000112-61-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

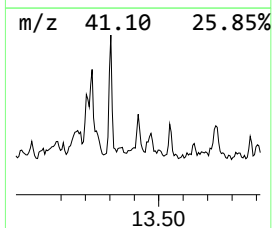
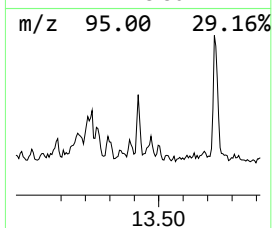
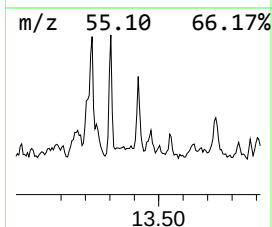
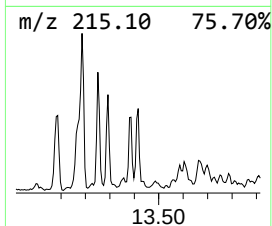
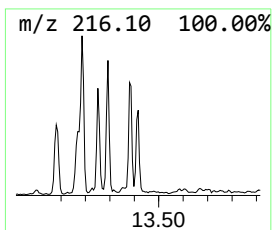
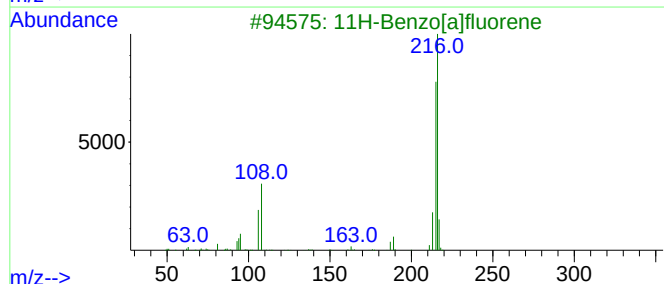
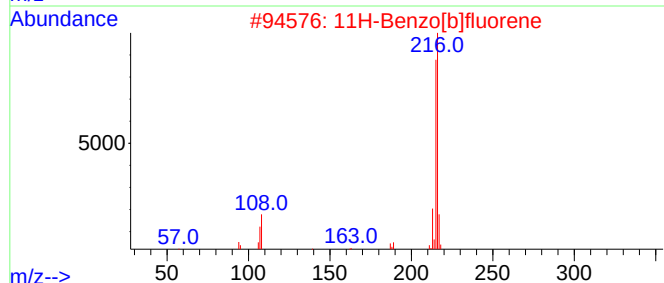
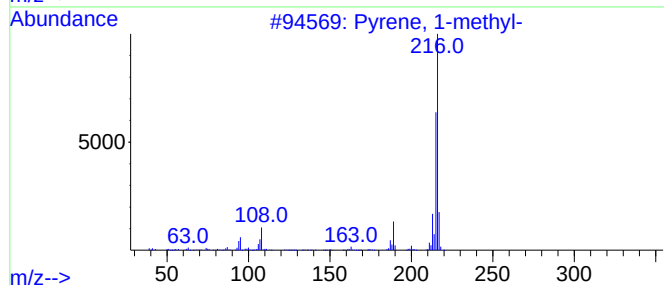
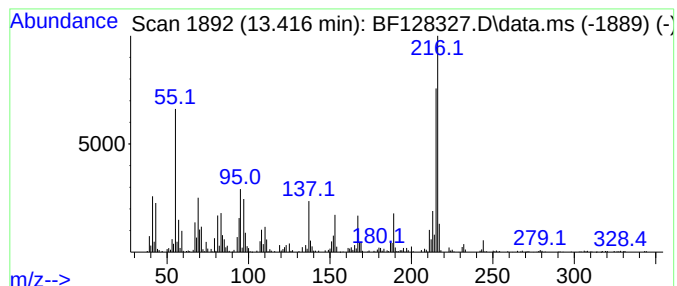
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	5.25 ng	326084	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4			3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	52
5			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

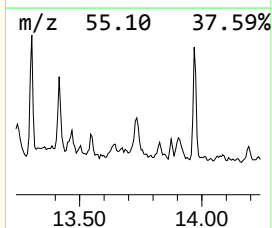
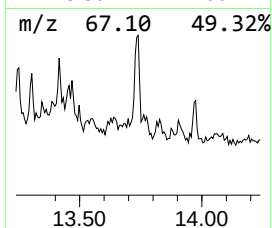
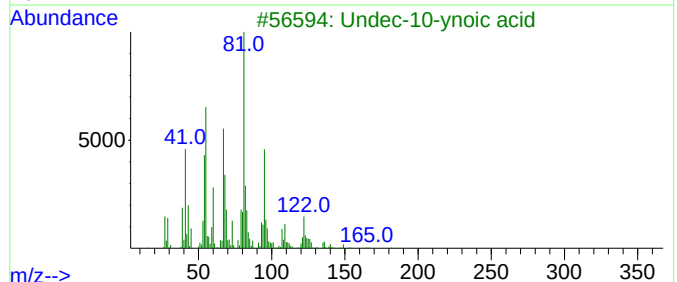
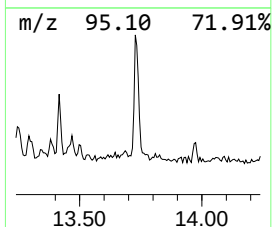
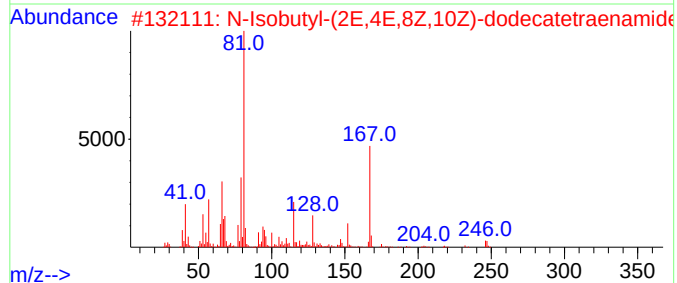
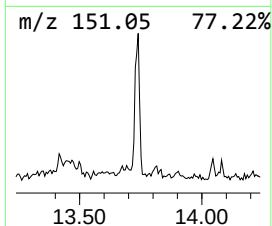
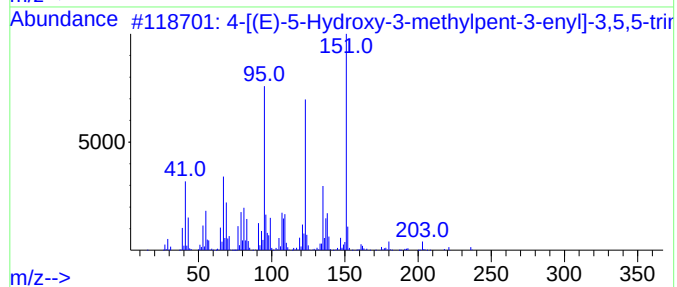
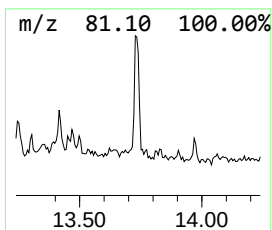
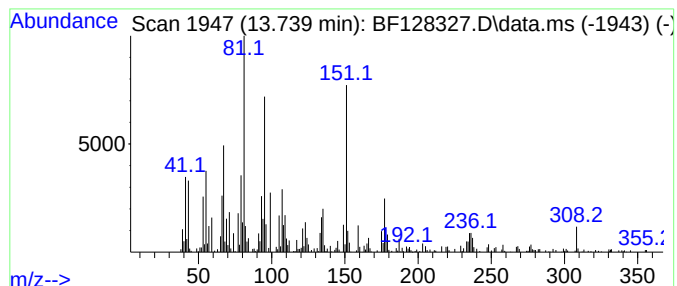
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4-[(E)-5-Hydroxy-3-methylpe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	6.32 ng	392639	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-[(E)-5-Hydroxy-3-methylpent-3-enyl]-3,5,5-trimethyl-2-norbornene	236	C15H24O2	1083195-46-3	56		
2	N-Isobutyl-(2E,4E,8Z,10Z)-dodecatetraenamide	247	C16H25NO	077448-63-6	30		
3	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	25		
4	Naphthalene, decahydro-2,2-dimethyl-1H-	166	C12H22	031124-85-3	20		
5	Adamantane, 2-hydroperoxy-2-(2-oxoethyl)-	210	C12H18O3	1000142-35-4	14		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

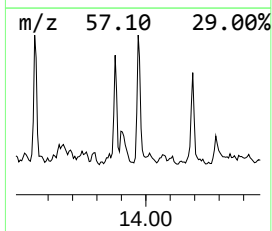
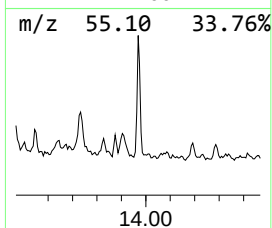
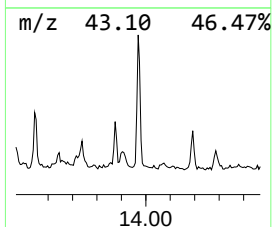
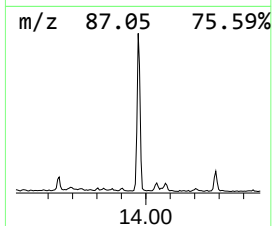
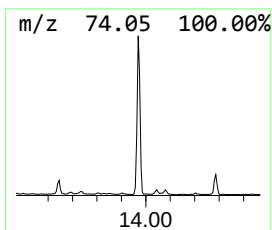
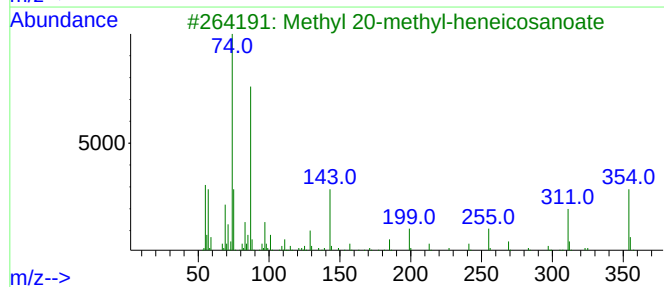
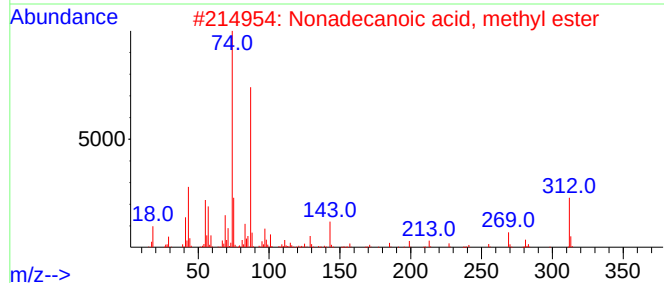
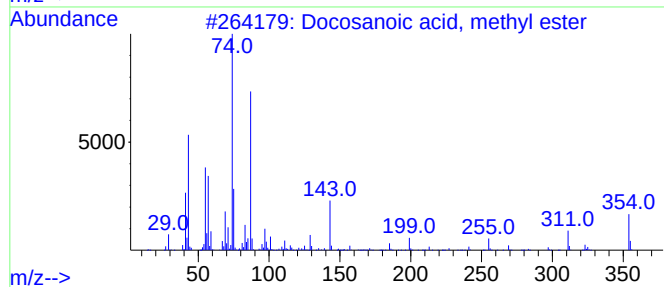
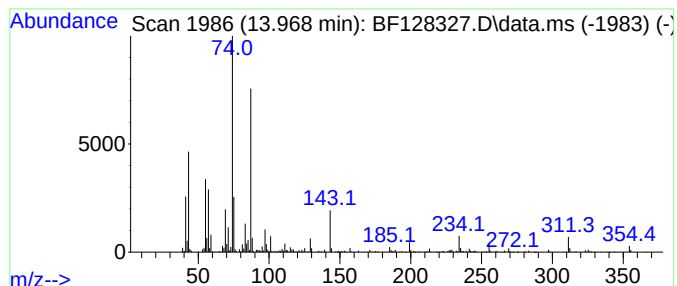
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Docosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	11.38 ng	707242	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	97
3			Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
4			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
5			Octadecanoic acid, 17-methyl-, m...	312	C20H40O2	055124-97-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

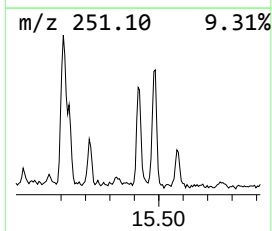
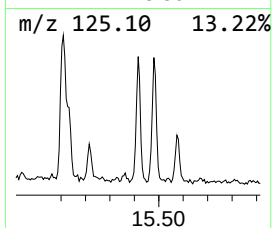
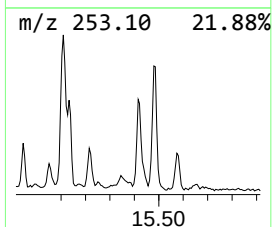
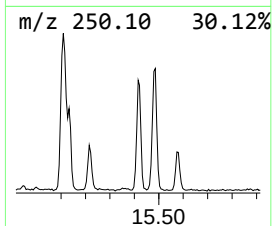
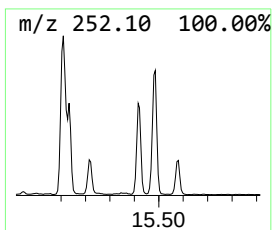
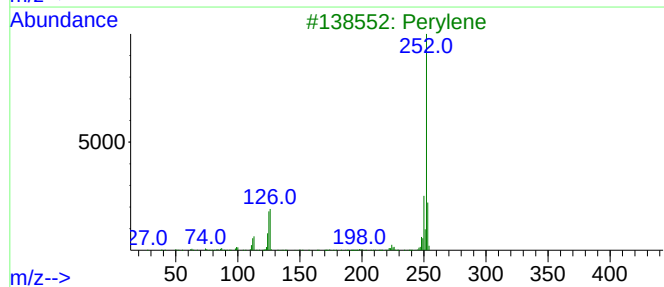
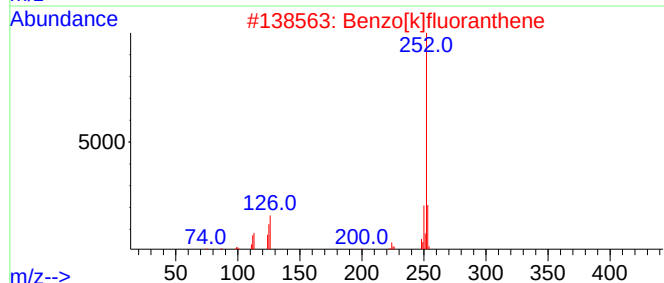
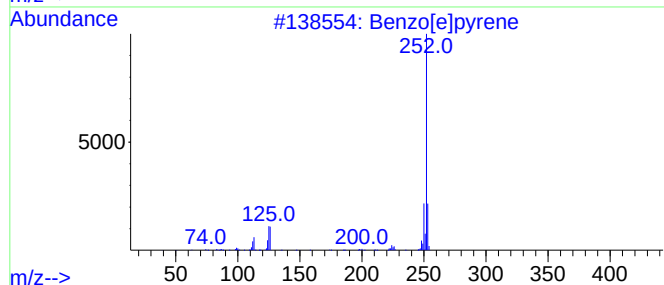
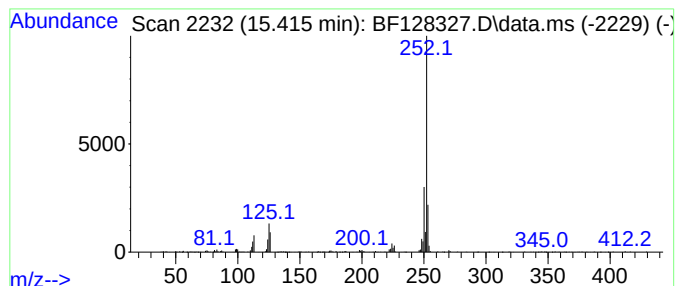
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	14.01 ng	352806	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
Acq On : 18 May 2022 22:53
Operator : CG\JU
Sample : N2900-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptadecane	10.798	10.6	ng	320635	4	11.398	604574	20.0
Hexadecanoic ac...	11.792	285.3	ng	8624040	4	11.398	604574	20.0
n-Hexadecanoic ...	11.939	26.3	ng	795875	4	11.398	604574	20.0
9,12-Octadecadi...	12.516	1027.1	ng	31049000	4	11.398	604574	20.0
Fluoranthene, 2...	13.180	7.2	ng	450182	5	14.057	1243110	20.0
11-Eicosenoic a...	13.227	5.4	ng	335142	5	14.057	1243110	20.0
Eicosanoic acid...	13.304	12.5	ng	774227	5	14.057	1243110	20.0
Pyrene, 1-methyl-	13.416	5.3	ng	326084	5	14.057	1243110	20.0
4-[(E)-5-Hydrox...	13.739	6.3	ng	392639	5	14.057	1243110	20.0
Docosanoic acid...	13.969	11.4	ng	707242	5	14.057	1243110	20.0
Benzo[e]pyrene	15.415	14.0	ng	352806	6	15.545	503499	20.0