

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122668.D
 Acq On : 11 Dec 2020 17:43
 Operator : JU/CG
 Sample : L5016-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-121020

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-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	499	504	513	rBV	154570	187606	1.01%	0.340%
2	5.457	569	573	590	rBV	2439462	2370729	12.78%	4.292%
3	6.469	740	745	761	rBV	2856731	2965783	15.99%	5.369%
4	6.840	804	808	815	rVB	1044130	886316	4.78%	1.605%
5	7.398	893	903	908	rBV	1920067	2031147	10.95%	3.677%
6	8.122	1020	1026	1032	rBV	1292214	1230677	6.63%	2.228%
7	9.198	1204	1209	1212	rBV	4091771	3599991	19.41%	6.518%
8	9.875	1320	1324	1329	rVV	1449012	1331268	7.18%	2.410%
9	10.663	1452	1458	1470	rBV	1401431	1368601	7.38%	2.478%
10	10.780	1475	1478	1487	rVB	172377	206493	1.11%	0.374%
11	11.363	1573	1577	1580	rBV	1492925	1285163	6.93%	2.327%
12	11.763	1640	1645	1648	rBV	7159283	7239191	39.02%	13.106%
13	12.074	1692	1698	1701	rBV3	124750	205041	1.11%	0.371%
14	12.469	1756	1765	1766	rBV	8548557	18550459	100.00%	33.585%
15	12.522	1772	1774	1776	rVB	319552	215573	1.16%	0.390%
16	12.551	1776	1779	1782	rVV	3881423	3355745	18.09%	6.075%
17	12.680	1798	1801	1808	rVB	337692	326740	1.76%	0.592%
18	12.780	1814	1818	1821	rBV3	179166	237128	1.28%	0.429%
19	12.810	1821	1823	1831	rVB2	208754	300248	1.62%	0.544%
20	12.951	1842	1847	1851	rBV	3548177	3413761	18.40%	6.181%
21	13.133	1872	1878	1883	rBV6	121842	267220	1.44%	0.484%
22	13.192	1883	1888	1893	rVV3	220367	353164	1.90%	0.639%
23	13.274	1899	1902	1905	rVB	298400	280935	1.51%	0.509%
24	13.316	1905	1909	1913	rVV6	110220	236144	1.27%	0.428%
25	13.357	1914	1916	1924	rVV7	134175	291767	1.57%	0.528%
26	13.939	2012	2015	2021	rVB	337922	303492	1.64%	0.549%
27	14.004	2021	2026	2028	rBV	1029202	1074924	5.79%	1.946%
28	15.463	2270	2274	2285	rVB	790129	1119014	6.03%	2.026%

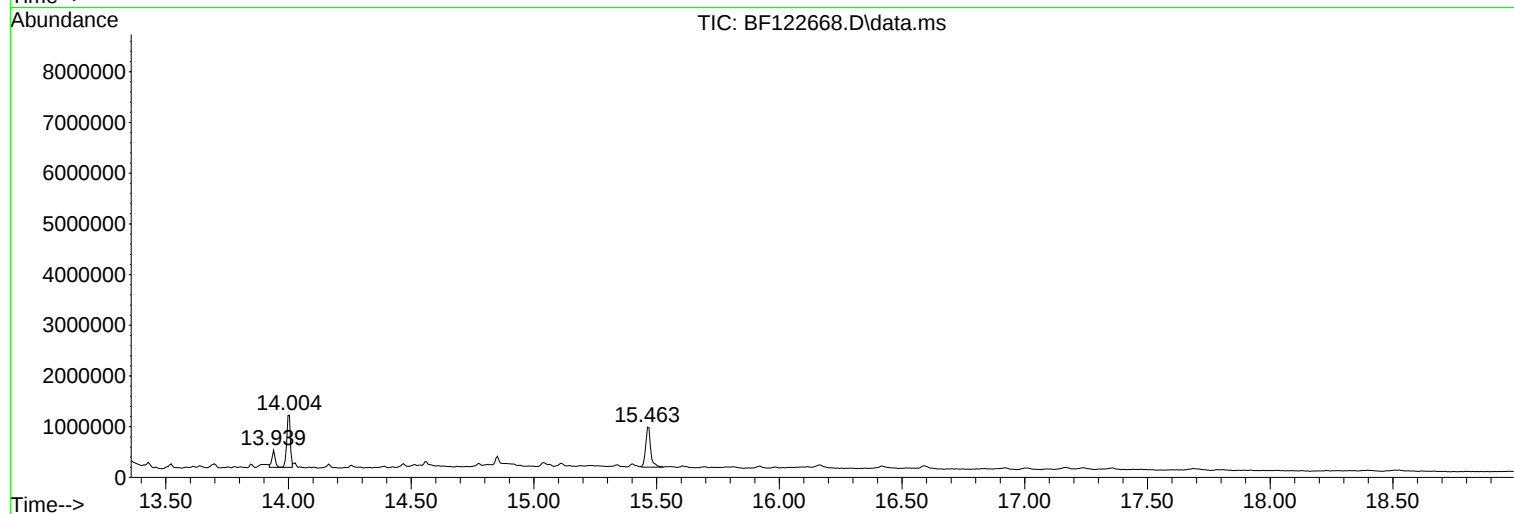
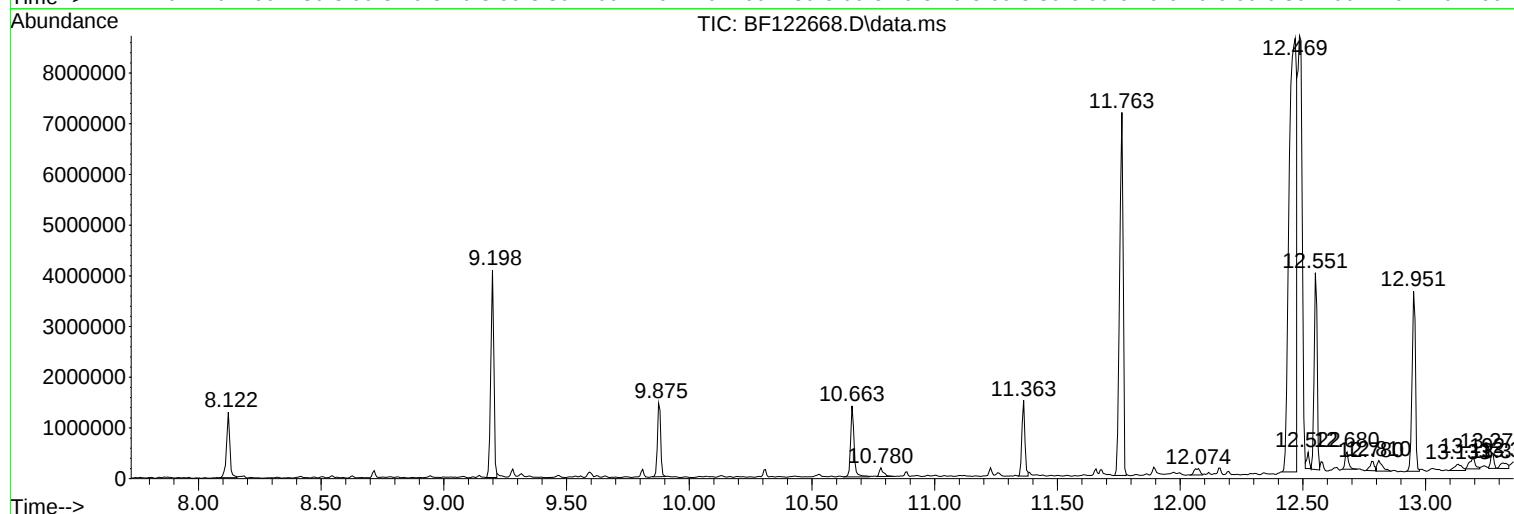
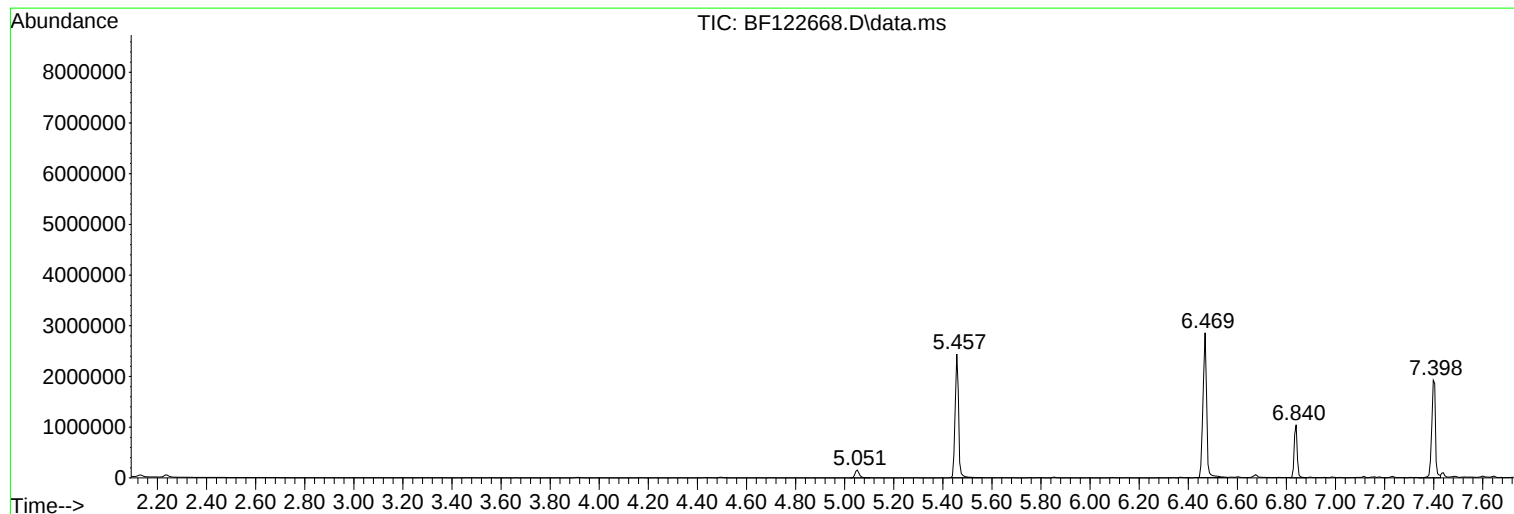
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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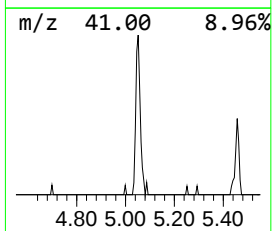
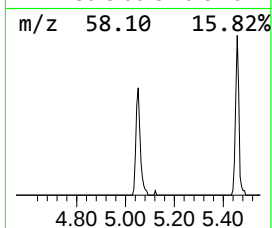
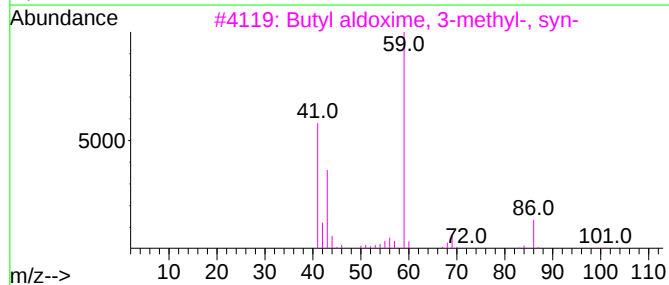
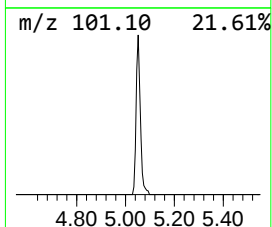
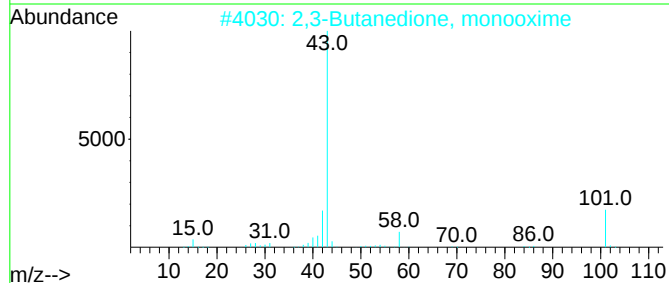
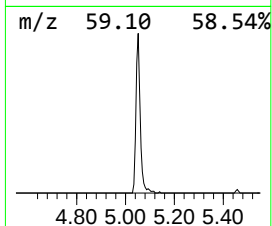
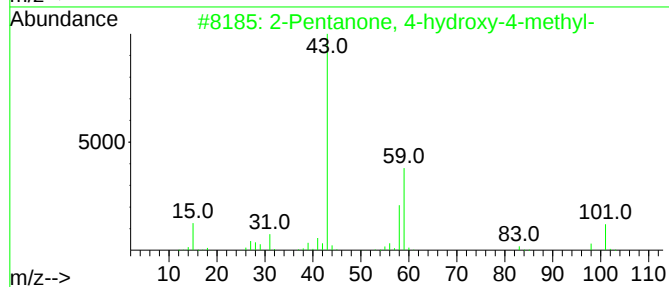
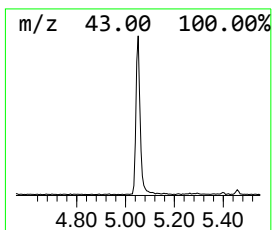
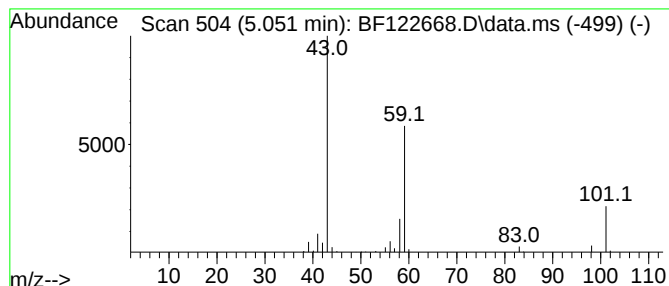
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	4.23 ng	187606	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35		
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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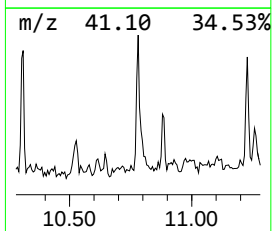
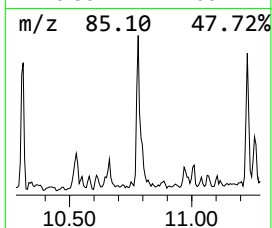
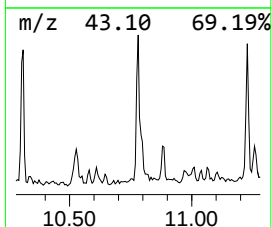
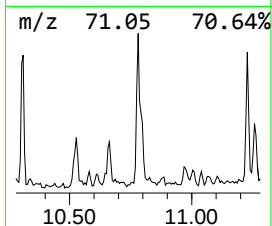
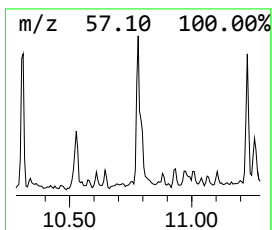
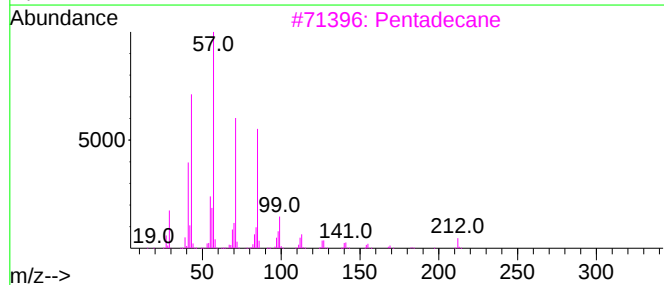
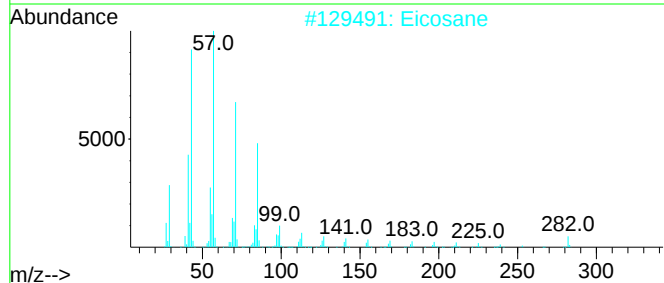
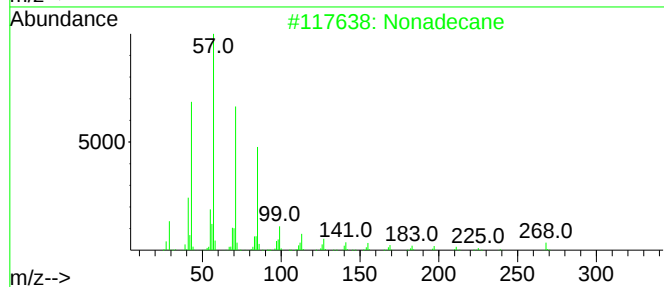
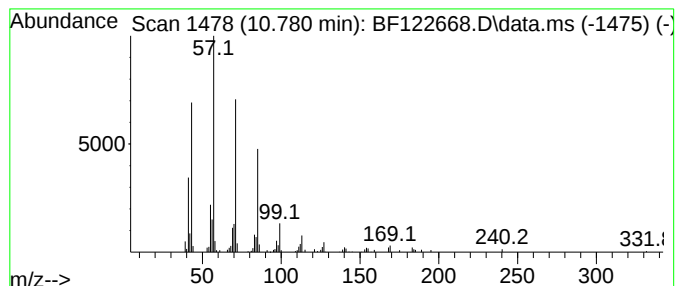
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	3.21 ng	206493	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Tetracosane	338	C24H50	000646-31-1	87



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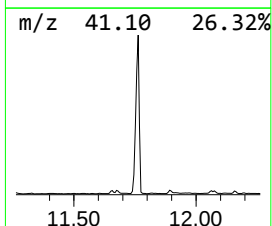
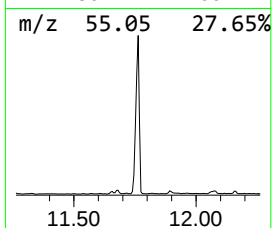
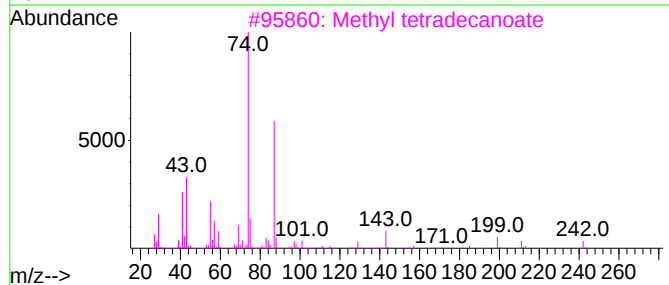
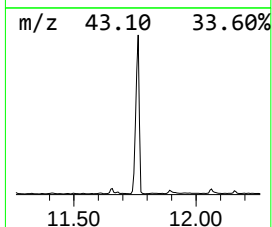
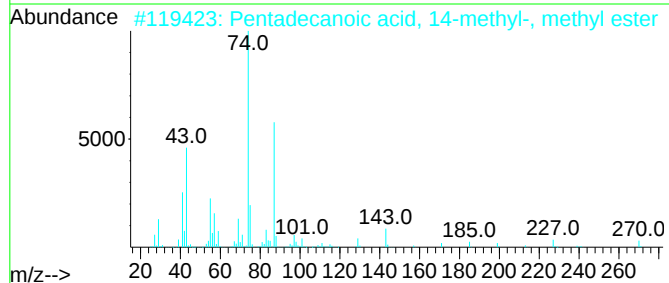
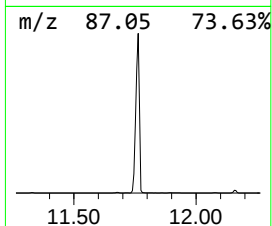
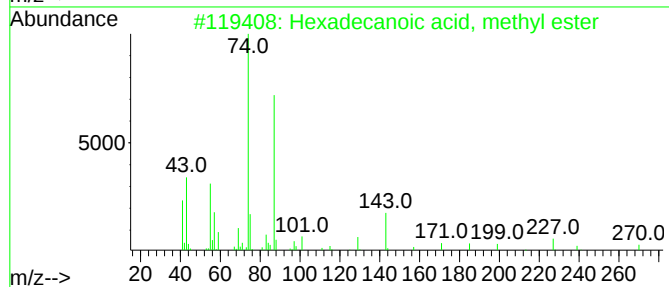
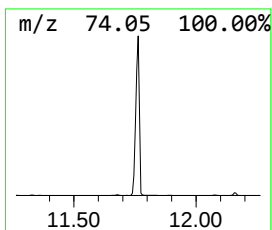
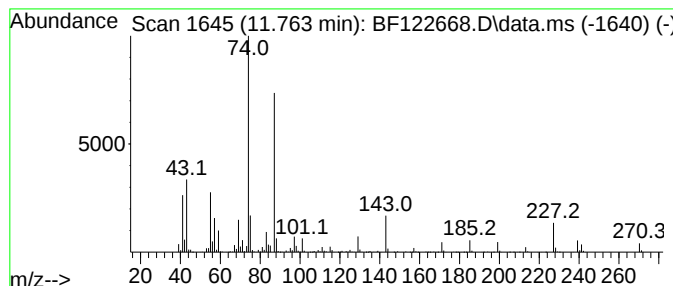
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BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.763	112.66 ng	7239190	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87



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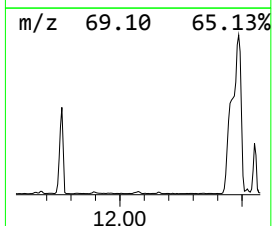
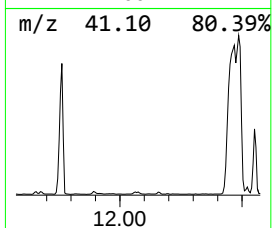
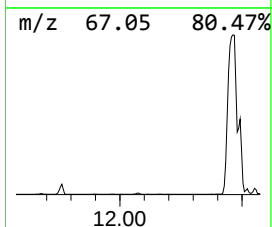
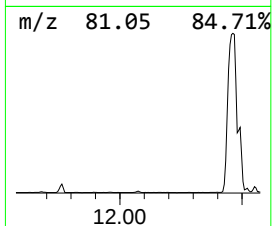
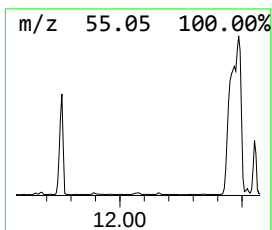
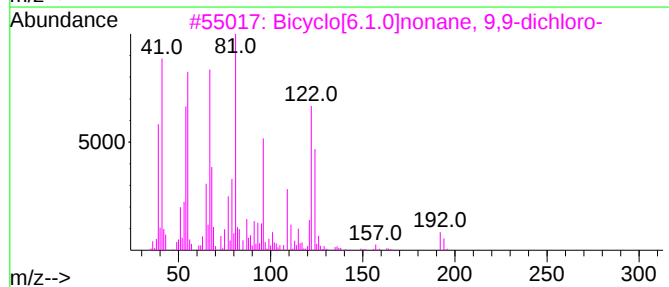
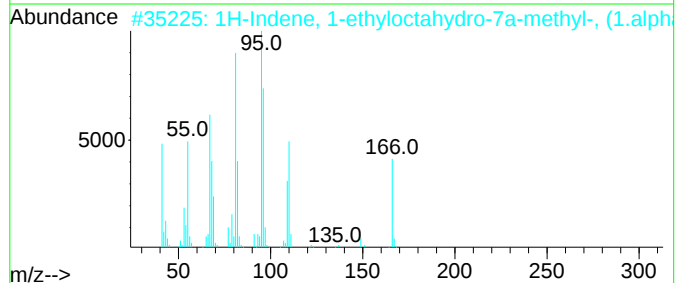
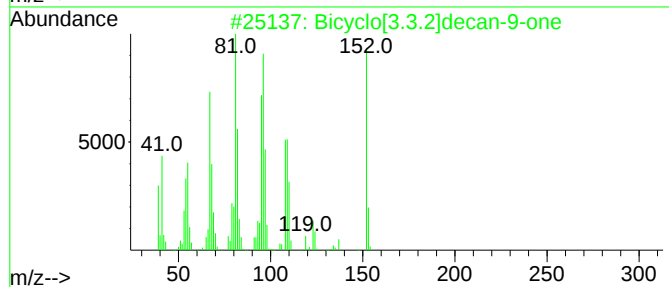
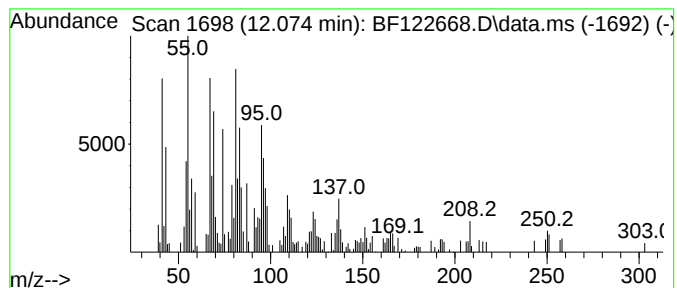
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Bicyclo[3.3.2]decan-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.075	3.19 ng	205041	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	76
2	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	74
3	Bicyclo[6.1.0]nonane, 9,9-dichloro-	192	C9H14Cl2	006498-44-8	70
4	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	60
5	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	60



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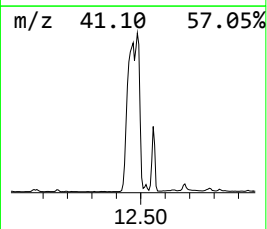
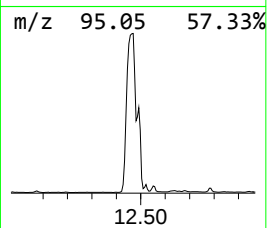
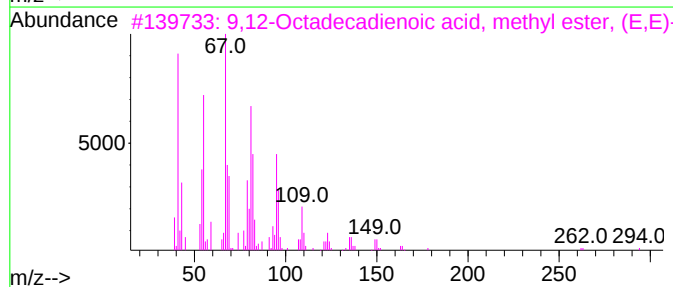
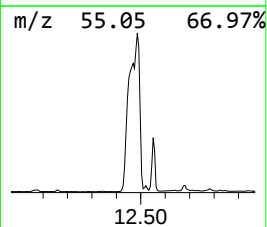
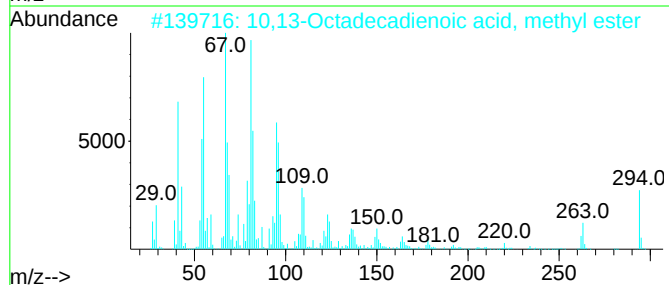
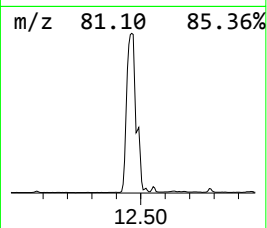
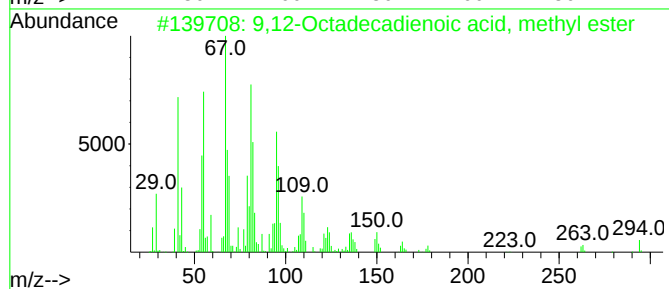
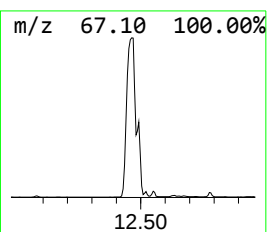
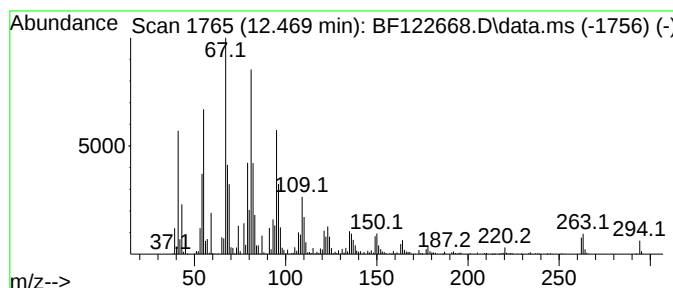
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.469	288.69 ng	18550500	Phenanthrene-d10	11.363	
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	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



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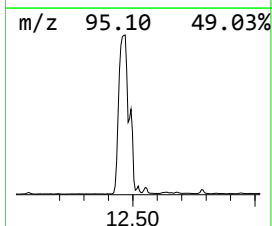
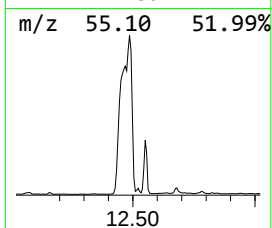
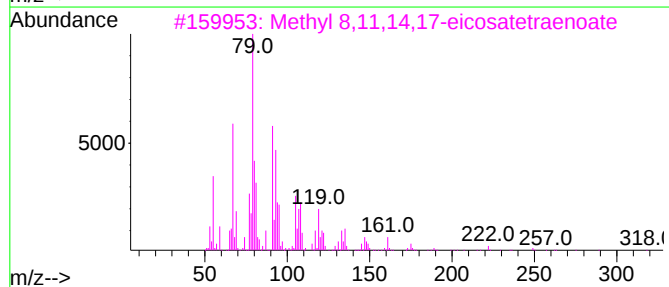
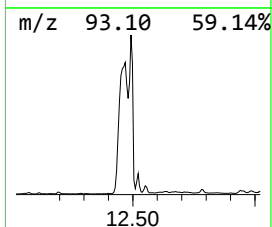
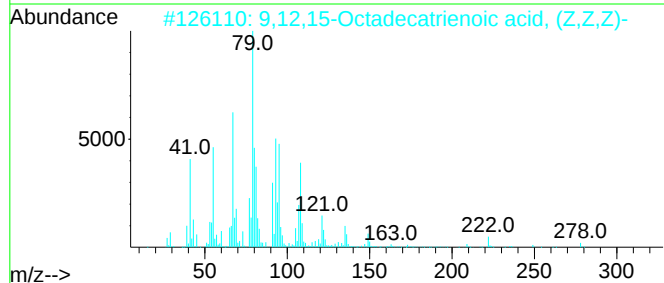
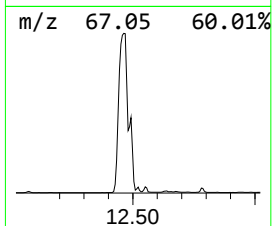
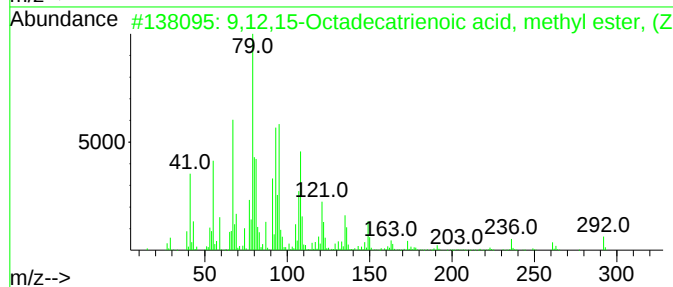
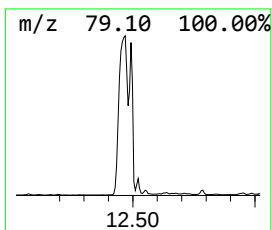
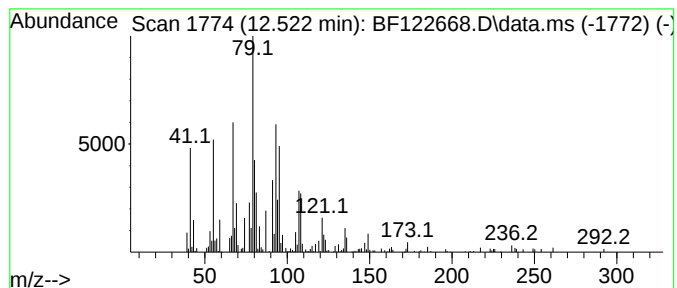
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ClientSampleId :
AU-06-121020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,12,15-Octadecatrienoic ac... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.522	3.35 ng	215573	Phenanthrene-d10			11.363
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...		292	C19H32O2	000301-00-8	93
2	9,12,15-Octadecatrienoic acid, (...)		278	C18H30O2	000463-40-1	80
3	Methyl 8,11,14,17-eicosatetraenoate		318	C21H34O2	1000336-47-0	72
4	3-Dodecen-1-yne, (E)-		164	C12H20	025091-25-2	62
5	1,5-Cyclododeadiene, (E,Z)-		136	C10H16	001124-78-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

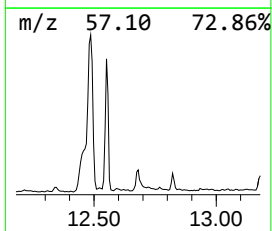
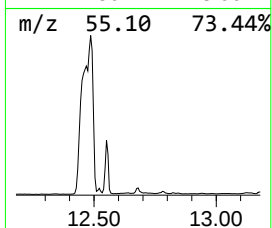
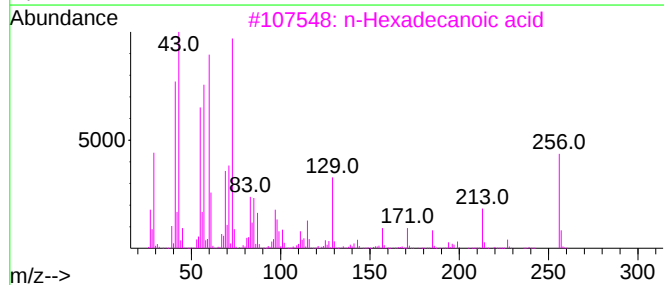
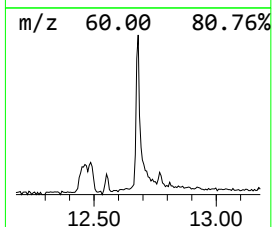
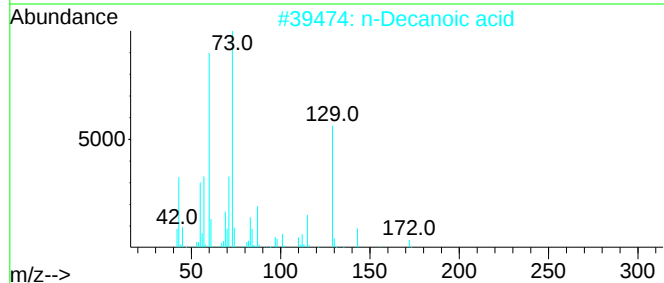
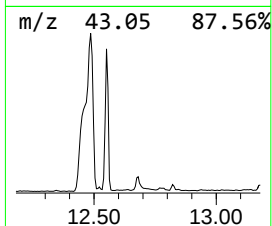
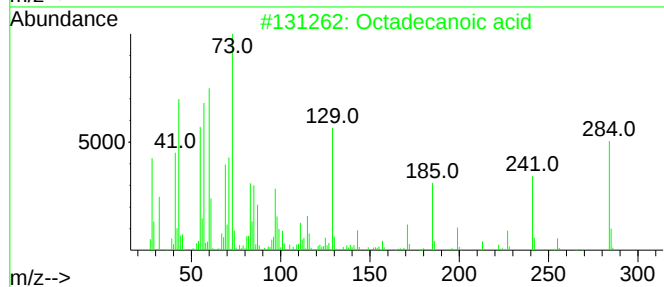
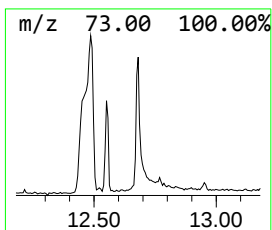
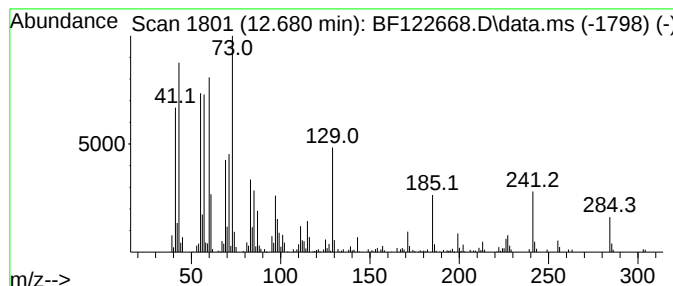
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	5.08 ng	326740	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

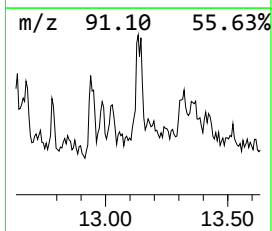
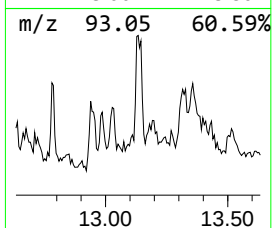
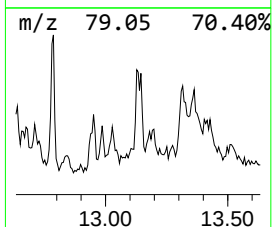
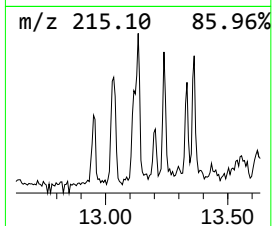
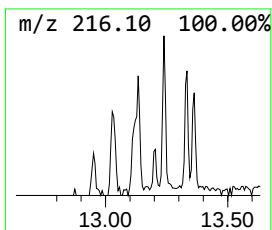
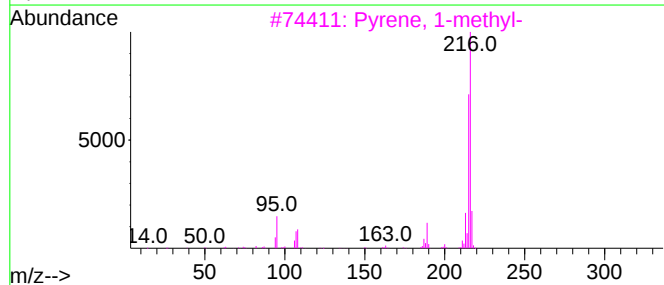
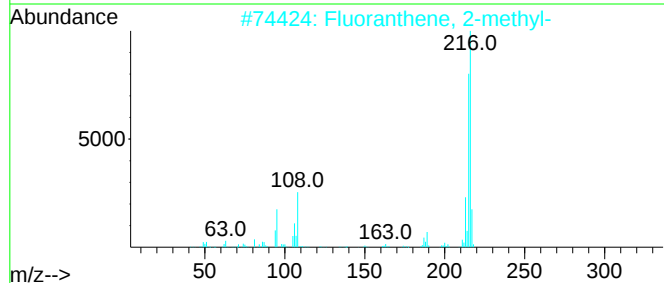
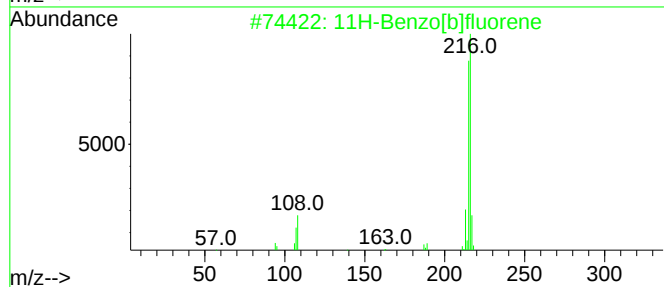
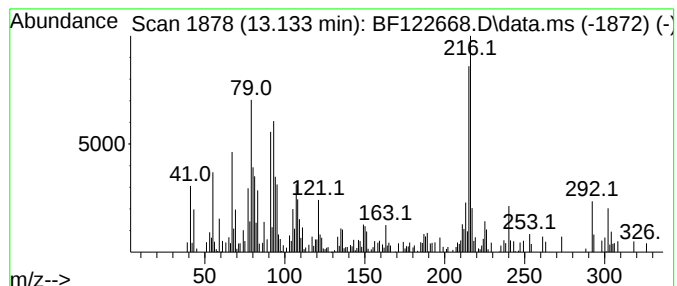
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	4.97 ng	267220	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	52
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

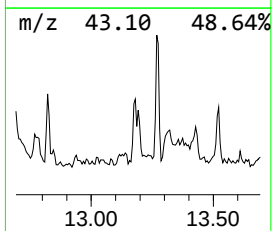
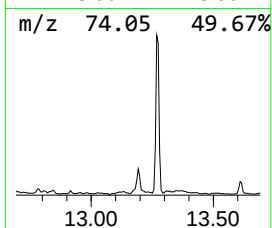
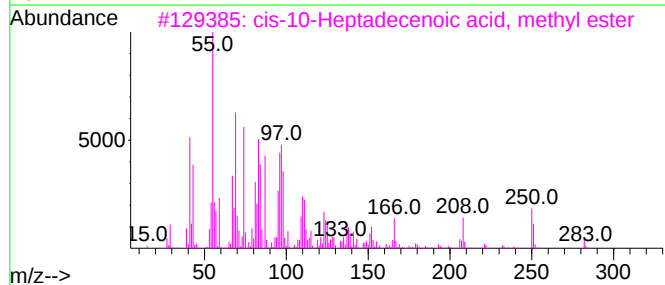
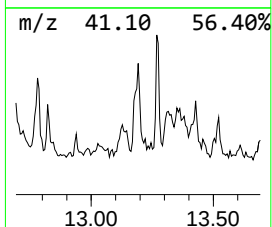
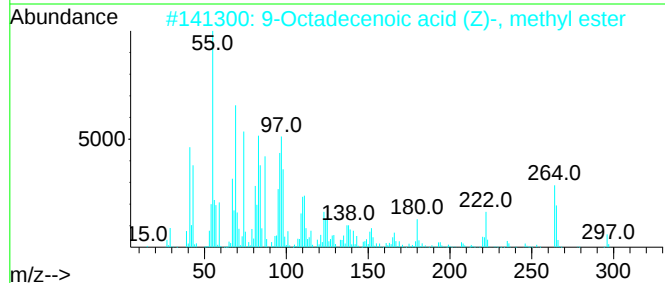
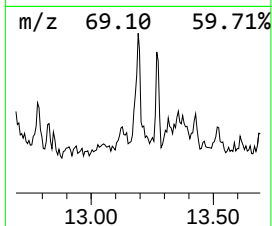
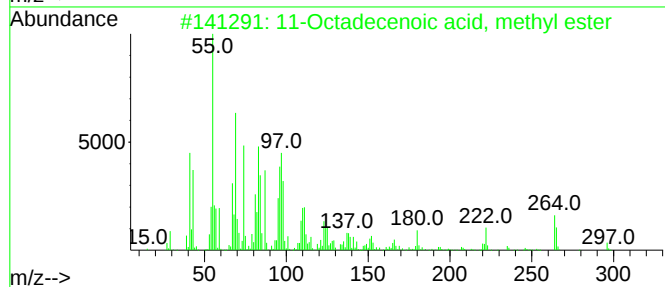
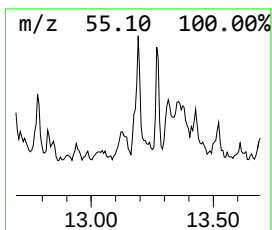
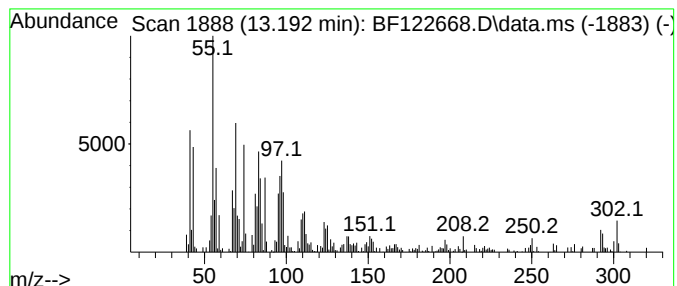
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	6.57 ng	353164	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
3			cis-10-Heptadecenoic acid, methyl...	282	C18H34O2	1000333-62-1	87
4			Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	87
5			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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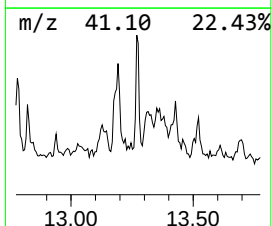
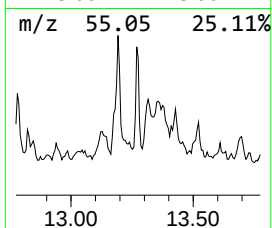
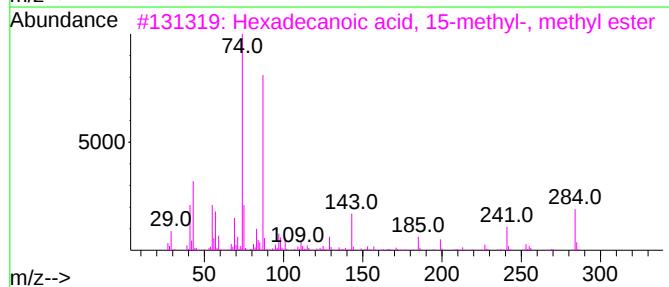
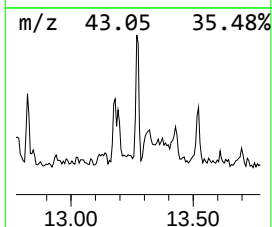
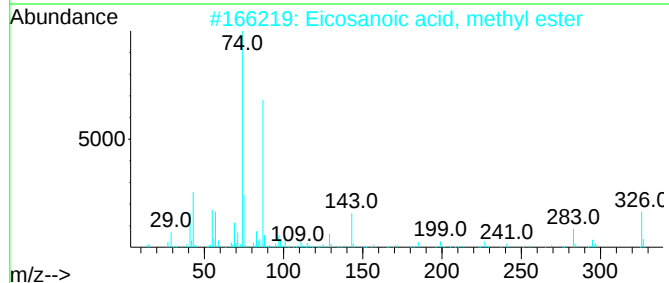
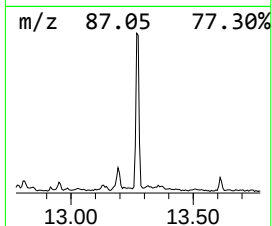
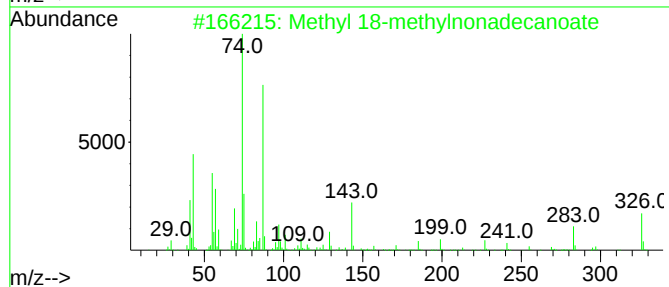
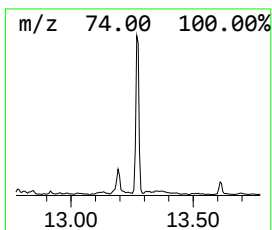
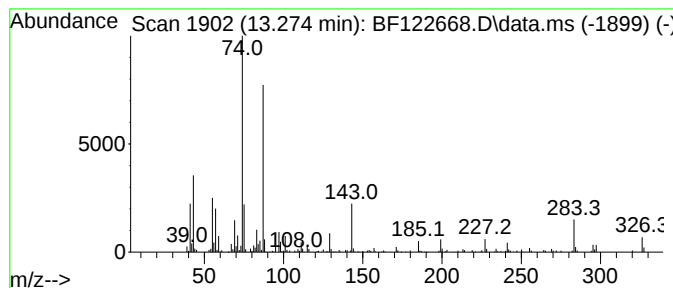
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl 18-methylnonadecanoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	5.23 ng	280935	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	98
2			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
3			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

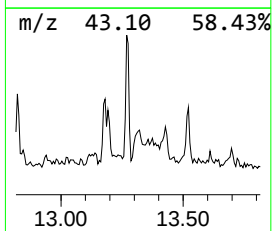
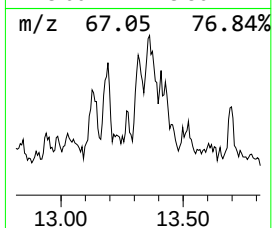
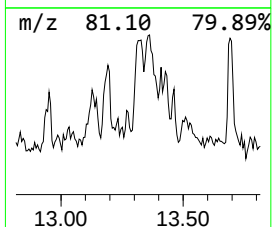
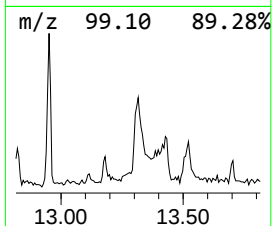
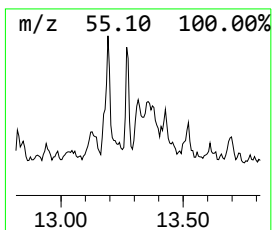
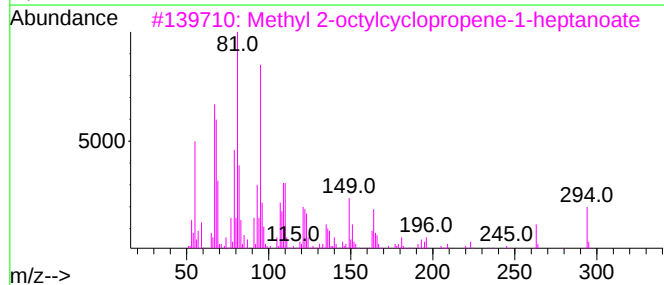
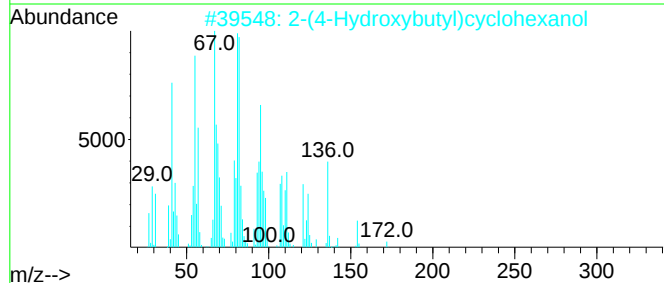
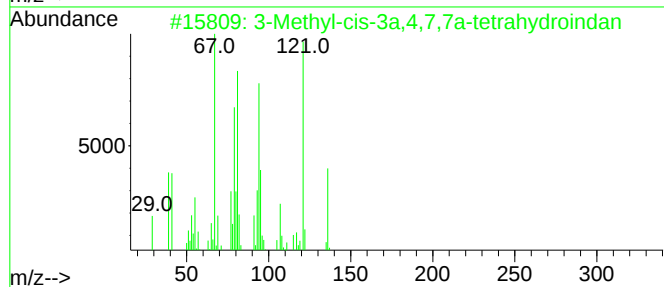
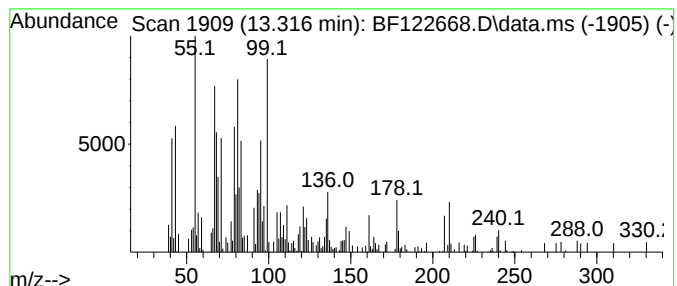
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Methyl-cis-3a,4,7,7a-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.316	4.39 ng	236144	Chrysene-d12	14.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	64
2	2-(4-Hydroxybutyl)cyclohexanol	172	C10H20O2	1000185-44-6	52
3	Methyl 2-octylcyclopropene-1-hep...	294	C19H34O2	005026-66-4	50
4	6-Dodecyne	166	C12H22	006975-99-1	43
5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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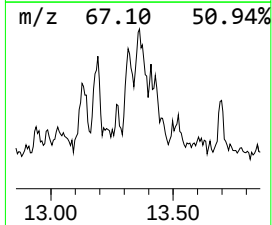
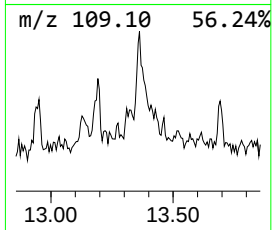
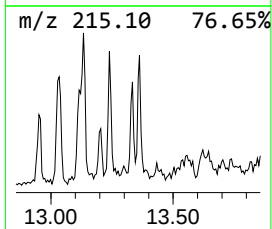
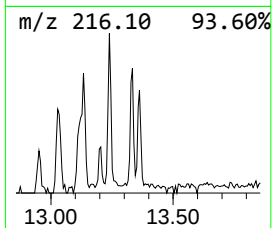
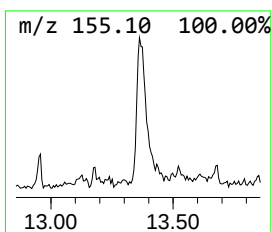
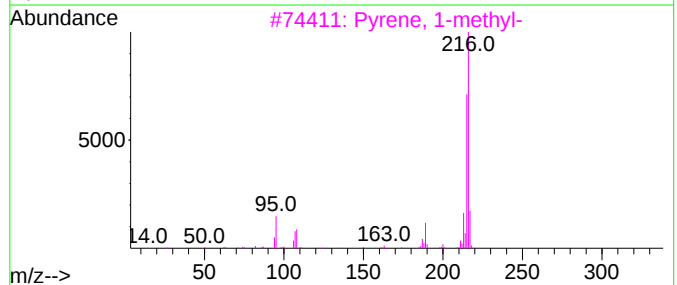
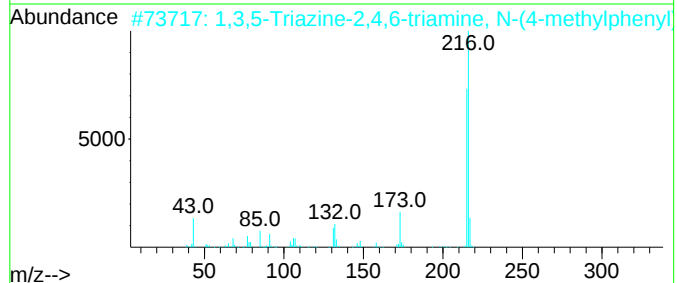
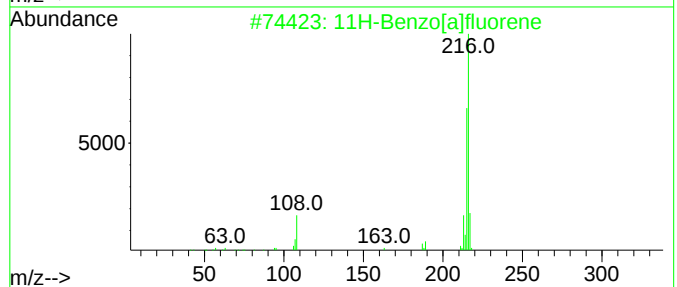
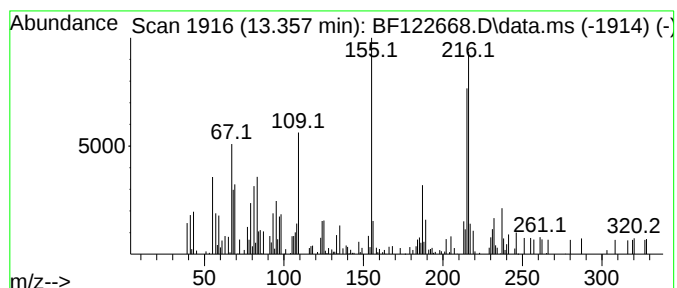
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.357 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	5.43 ng	291767	Chrysene-d12	14.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	41
2		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	38
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	38
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

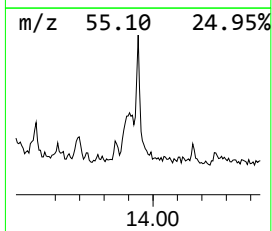
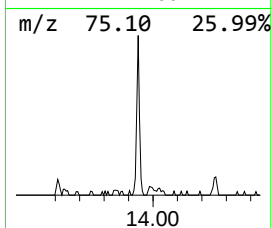
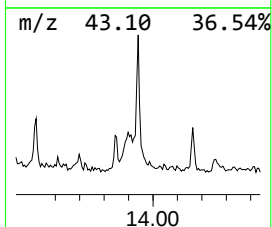
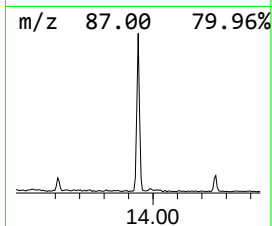
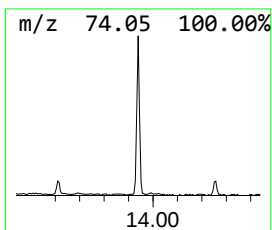
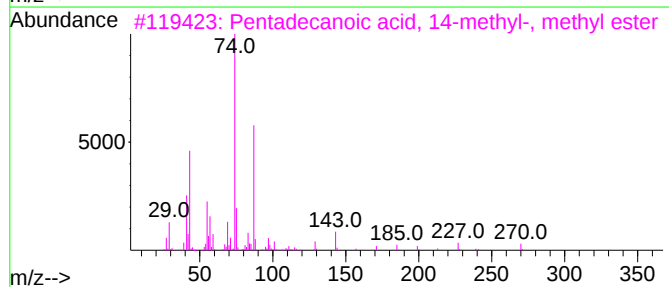
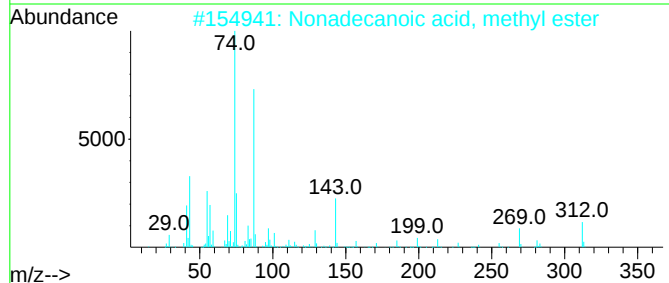
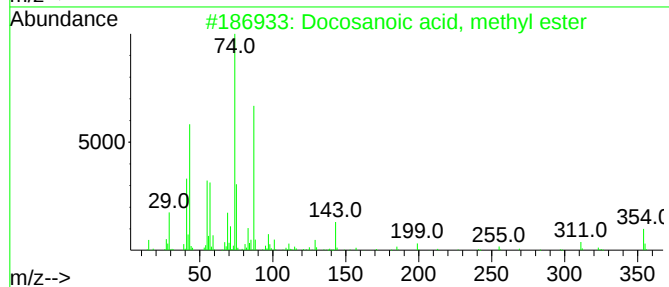
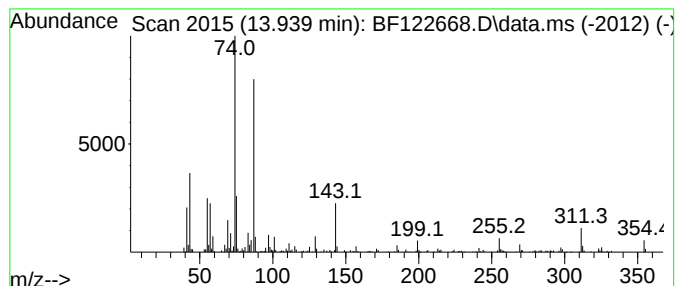
Instrument :
BNA_F
ClientSampleId :
AU-06-121020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.939	5.65 ng	303492	Chrysene-d12	14.004	
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	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl stearate	298	C19H38O2	000112-61-8	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
Operator : JU/CG
Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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-...	5.051	4.2	ng	187606	1	6.840	886316	20.0
Nonadecane	10.781	3.2	ng	206493	4	11.363	1285160	20.0
Hexadecanoic ac...	11.763	112.7	ng	7239190	4	11.363	1285160	20.0
Bicyclo[3.3.2]d...	12.075	3.2	ng	205041	4	11.363	1285160	20.0
9,12-Octadecadi...	12.469	288.7	ng	18550500	4	11.363	1285160	20.0
9,12,15-Octadec...	12.522	3.4	ng	215573	4	11.363	1285160	20.0
Octadecanoic acid	12.680	5.1	ng	326740	4	11.363	1285160	20.0
11H-Benzo[b]flu...	13.133	5.0	ng	267220	5	14.004	1074920	20.0
11-Octadecenoic...	13.192	6.6	ng	353164	5	14.004	1074920	20.0
Methyl 18-methy...	13.274	5.2	ng	280935	5	14.004	1074920	20.0
3-Methyl-cis-3a...	13.316	4.4	ng	236144	5	14.004	1074920	20.0
unknown13.357	13.357	5.4	ng	291767	5	14.004	1074920	20.0
Docosanoic acid...	13.939	5.7	ng	303492	5	14.004	1074920	20.0