

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123245.D
 Acq On : 20 Feb 2021 15:08
 Operator : JU/CG
 Sample : M1430-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-1

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-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123245.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	40	rVB	457697	1226044	11.04%	1.731%
2	5.475	571	576	579	rBV	3148216	2932282	26.41%	4.140%
3	6.487	742	748	766	rBV	3044752	3264299	29.40%	4.609%
4	6.857	807	811	814	rBV	986311	792474	7.14%	1.119%
5	7.416	901	906	909	rBV	2060277	2044045	18.41%	2.886%
6	8.139	1025	1029	1032	rBV	1319918	1077371	9.70%	1.521%
7	9.216	1207	1212	1215	rBV	3686582	3551278	31.98%	5.014%
8	9.610	1275	1279	1282	rBV	285600	225340	2.03%	0.318%
9	9.898	1324	1328	1331	rVB	1481005	1220546	10.99%	1.723%
10	10.686	1458	1462	1471	rBV	1571675	1383508	12.46%	1.953%
11	11.339	1570	1573	1577	rBV	306412	347956	3.13%	0.491%
12	11.386	1577	1581	1585	rVB	1416296	1295639	11.67%	1.829%
13	11.645	1606	1625	1641	rBV3	553024	2906189	26.17%	4.103%
14	11.780	1644	1648	1651	rBV	139814	175281	1.58%	0.247%
15	11.945	1655	1676	1687	rVV	5329061	11103591	100.00%	15.678%
16	12.192	1714	1718	1723	rVB	575777	627097	5.65%	0.885%
17	12.245	1723	1727	1731	rBV2	300835	388315	3.50%	0.548%
18	12.421	1750	1757	1768	rBV3	151890	576022	5.19%	0.813%
19	12.510	1768	1772	1777	rVB	197891	266506	2.40%	0.376%
20	12.574	1779	1783	1786	rVV	244322	320815	2.89%	0.453%
21	12.621	1786	1791	1798	rVV2	549973	1400517	12.61%	1.977%
22	12.727	1800	1809	1819	rVV	5946637	11099368	99.96%	15.672%
23	12.798	1819	1821	1829	rVB2	154336	230715	2.08%	0.326%
24	12.986	1848	1853	1856	rVB	4524888	4124107	37.14%	5.823%
25	13.439	1922	1930	1939	rVB	463372	932692	8.40%	1.317%
26	13.898	2001	2008	2010	rBV5	85706	161311	1.45%	0.228%
27	13.927	2010	2013	2024	rVB2	153132	377924	3.40%	0.534%
28	14.039	2028	2032	2035	rVB	1331970	1160854	10.45%	1.639%
29	14.121	2038	2046	2056	rVB	667100	1221523	11.00%	1.725%
30	14.686	2136	2142	2147	rBV	738895	1150447	10.36%	1.624%
31	15.245	2231	2237	2252	rVB	491757	929378	8.37%	1.312%
32	15.510	2277	2282	2286	rBV	764237	903229	8.13%	1.275%
33	15.821	2329	2335	2342	rBV2	208553	462183	4.16%	0.653%
34	15.898	2342	2348	2358	rVV	246375	610437	5.50%	0.862%
35	15.980	2360	2362	2371	rVB3	71370	114222	1.03%	0.161%
36	16.380	2420	2430	2446	rBV7	232928	1261472	11.36%	1.781%

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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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.662	2471	2478	2485	rVB2	120928	281249	2.53%	0.397%
38	17.033	2531	2541	2557	rBV2	692259	1748173	15.74%	2.468%
39	17.451	2604	2612	2621	rBV2	422138	1276733	11.50%	1.803%
40	18.403	2766	2774	2784	rVB4	104611	292467	2.63%	0.413%
41	18.586	2789	2805	2823	rVV2	1509099	5359849	48.27%	7.568%

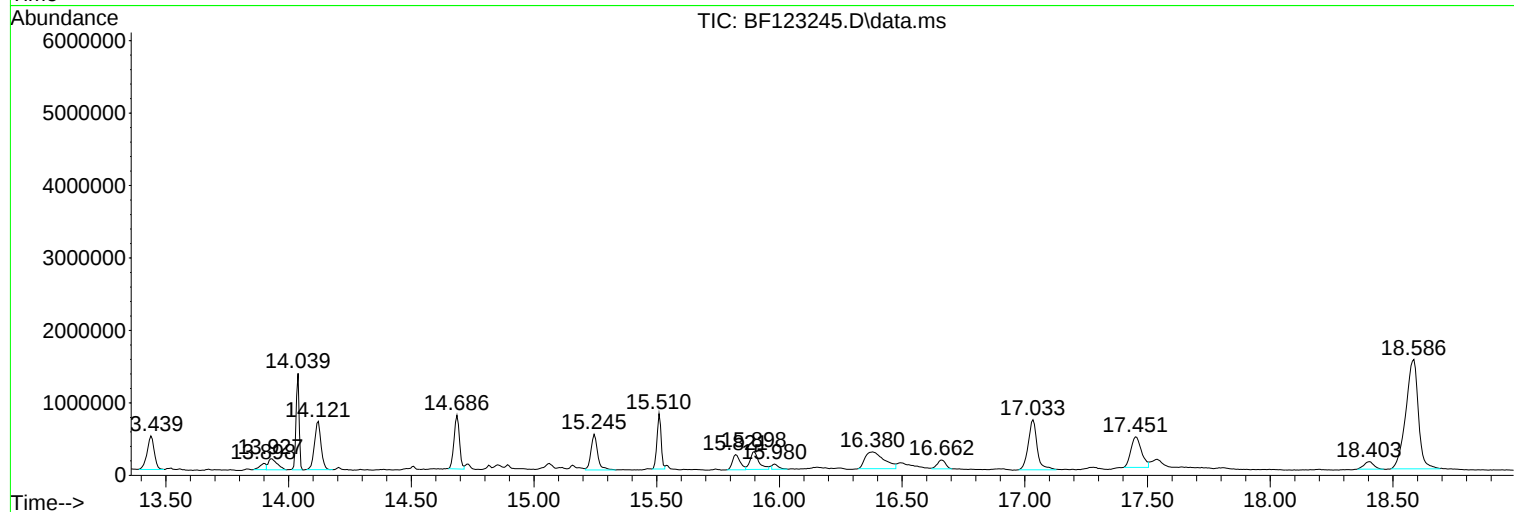
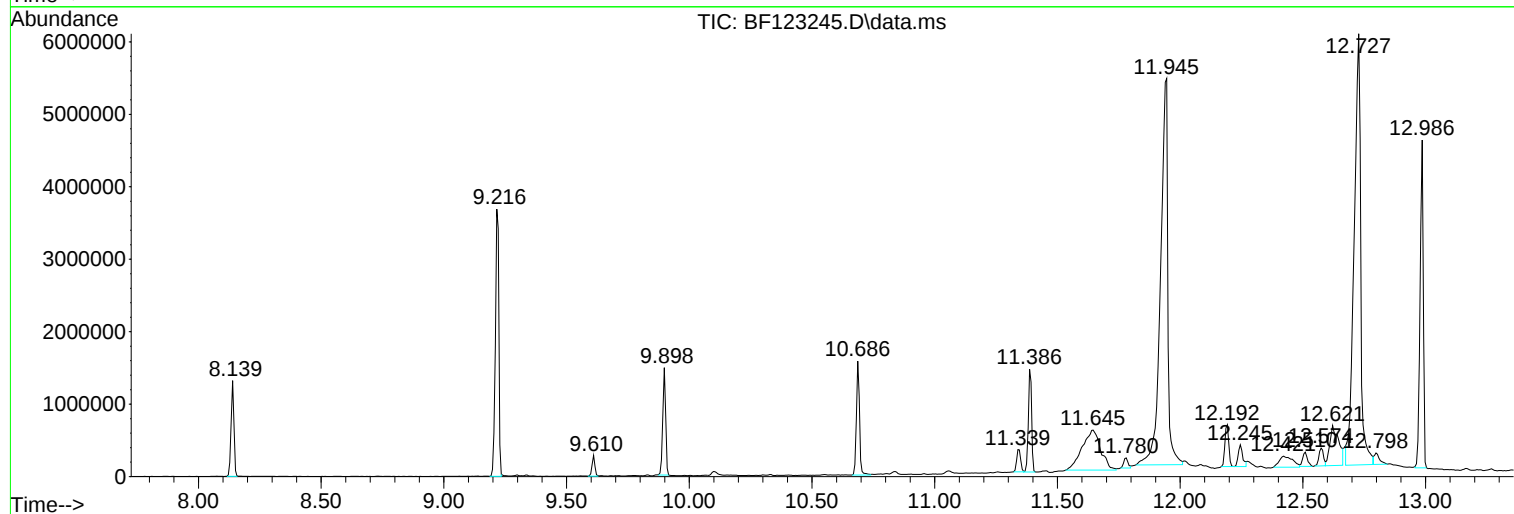
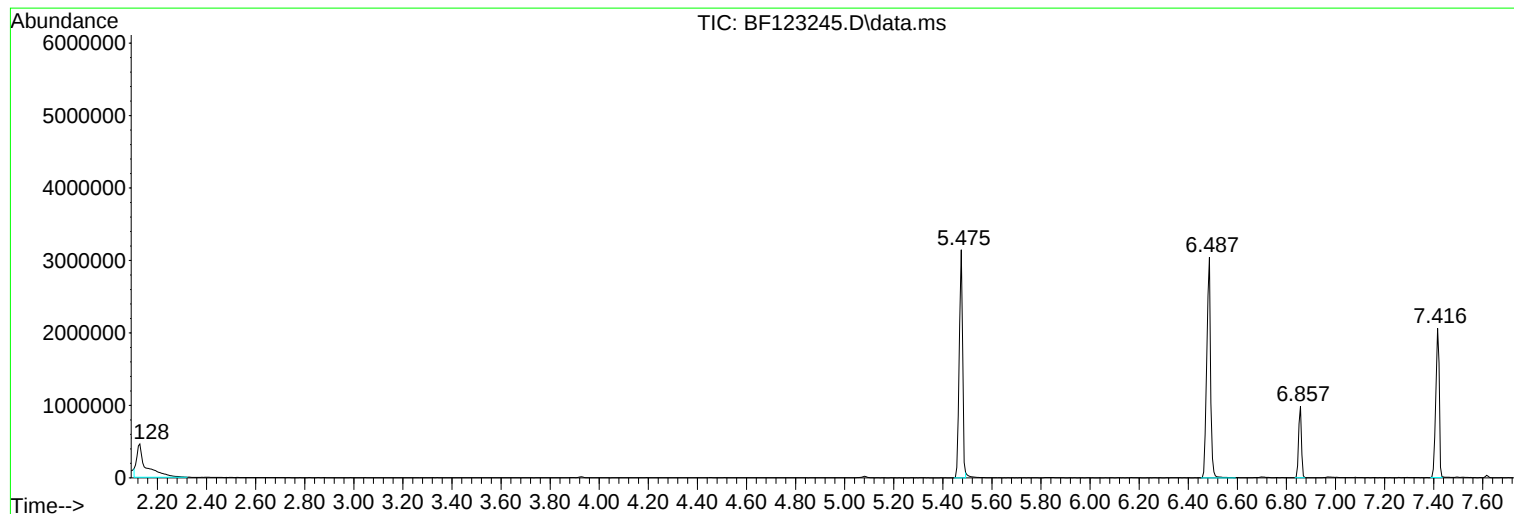
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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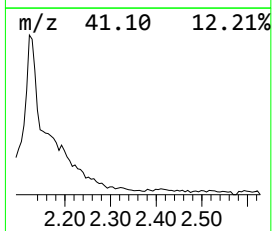
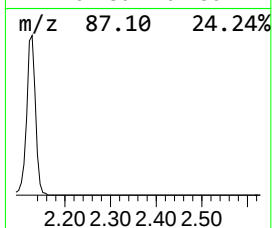
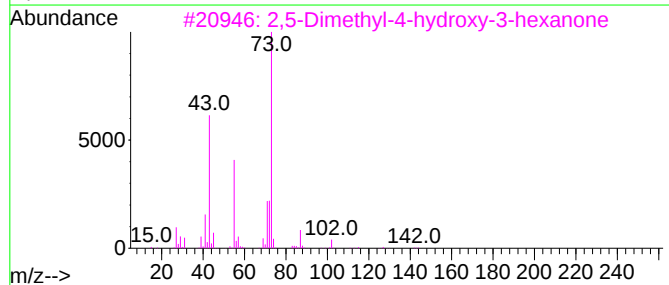
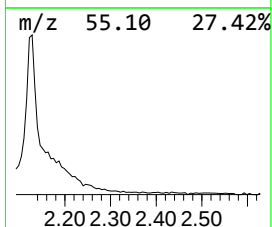
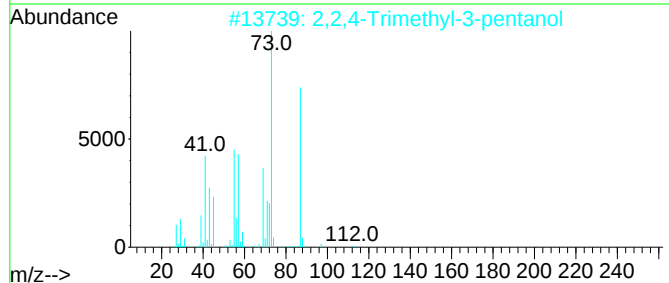
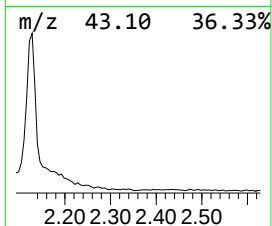
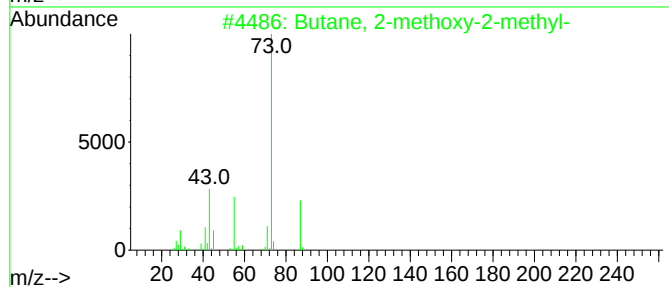
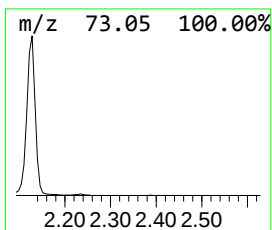
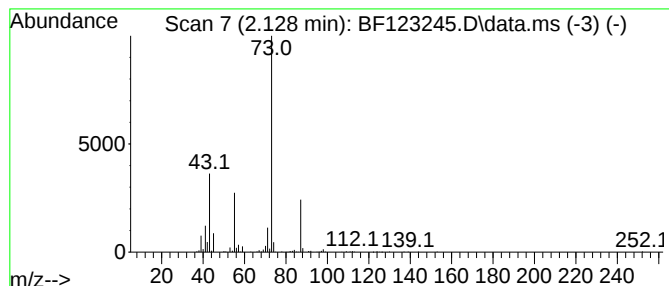
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	30.94 ng	1226040	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	35
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
5			Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	12



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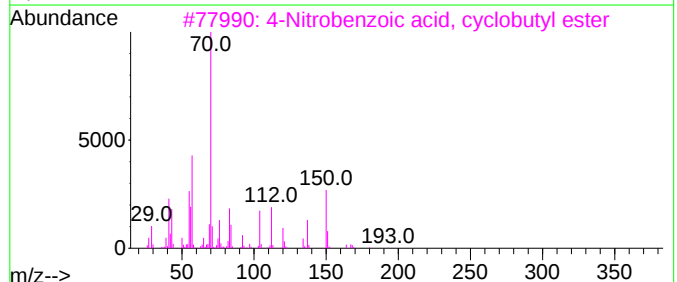
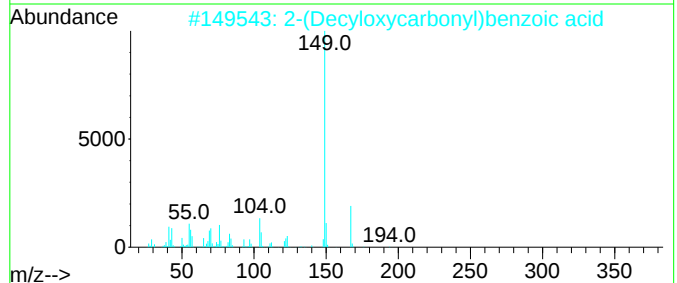
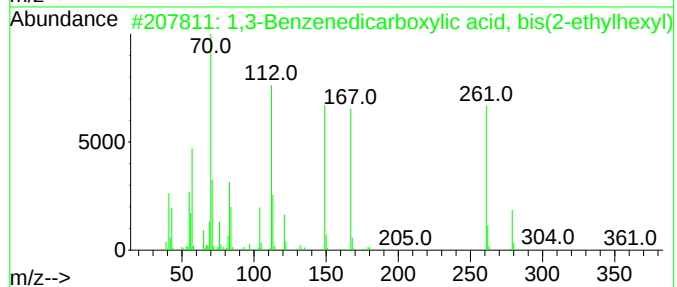
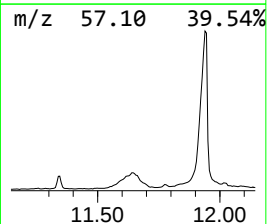
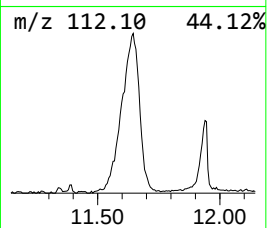
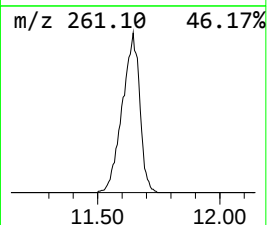
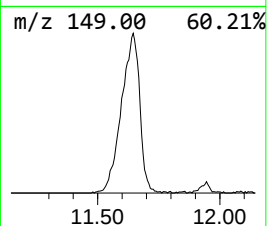
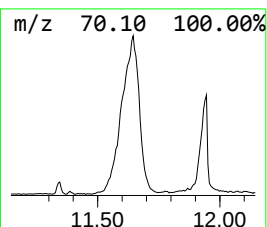
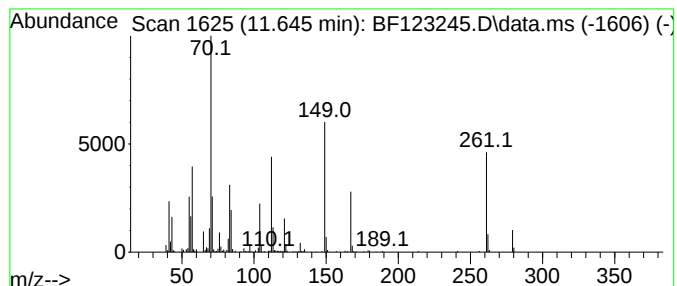
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown11.645 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	44.86 ng	2906190	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
2			2-(Decyloxy carbonyl)benzoic acid	306	C18H26O4	1000373-53-2	35
3			4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	35
4			2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	32
5			Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	22



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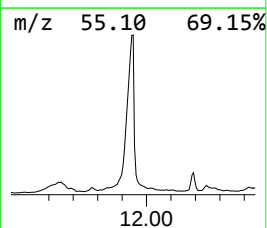
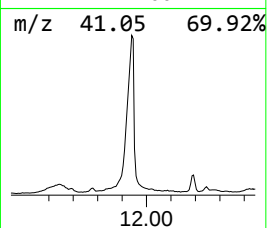
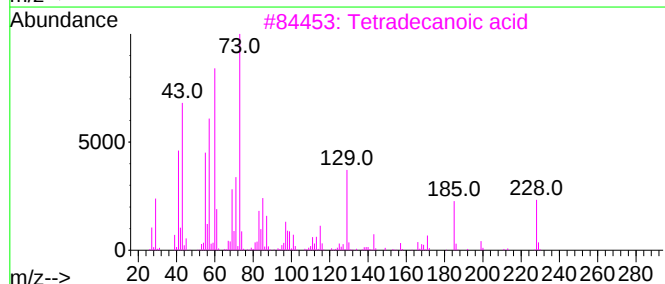
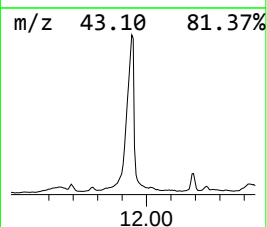
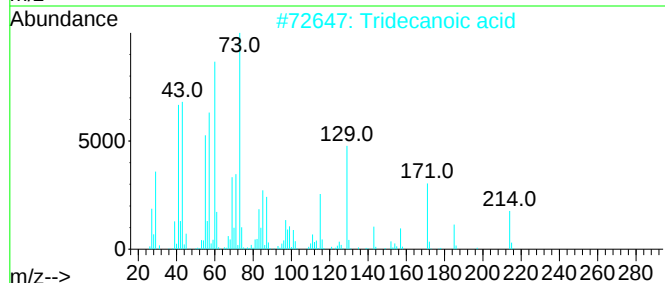
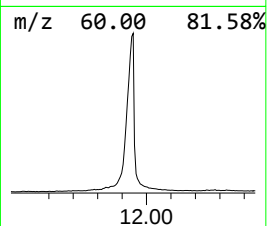
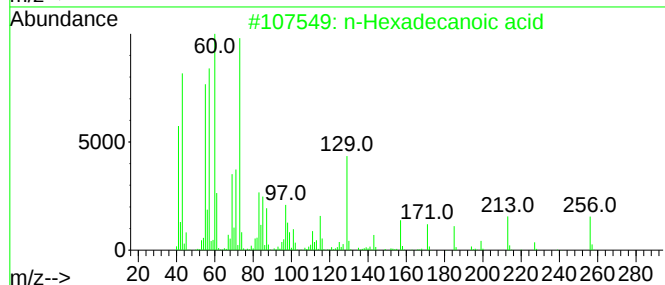
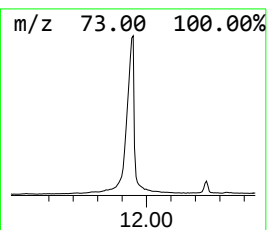
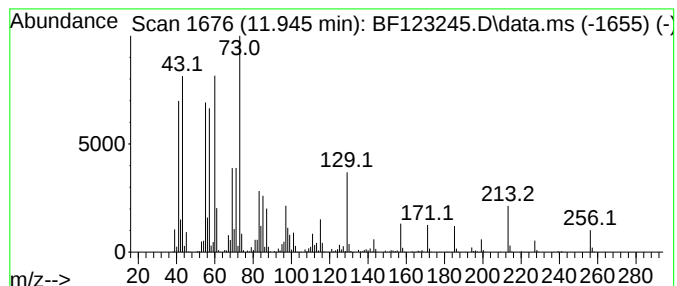
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	171.40 ng	11103600	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			Estra-1,3,5(10)-trien-17.β-ol	256	C18H24O	002529-64-8	25



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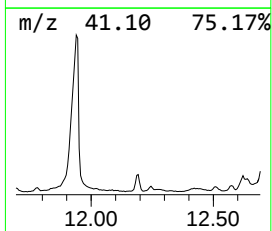
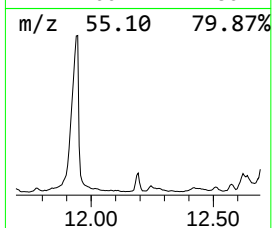
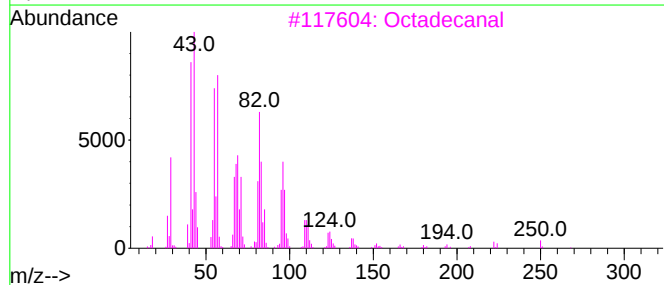
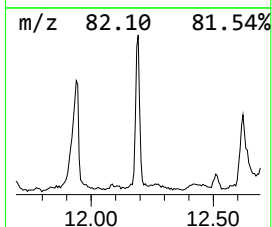
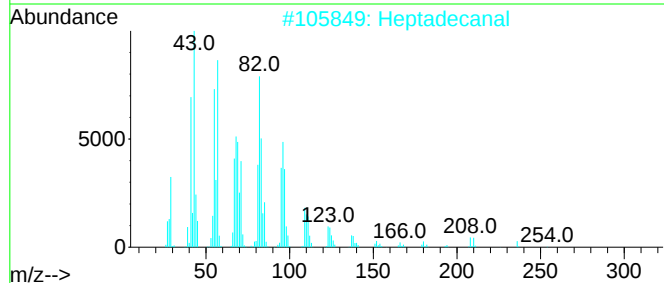
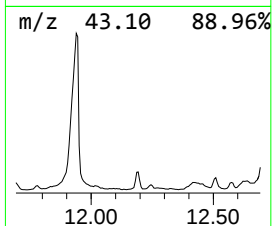
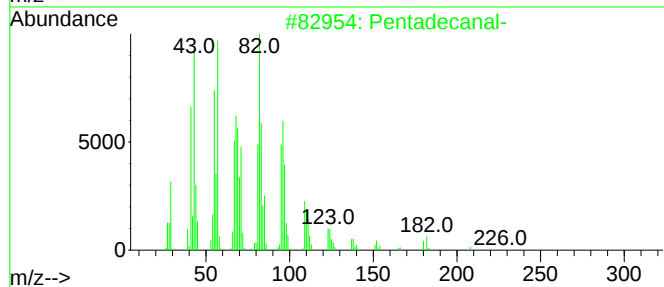
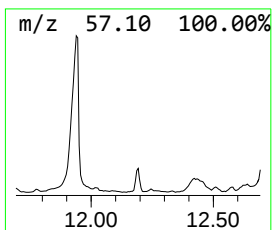
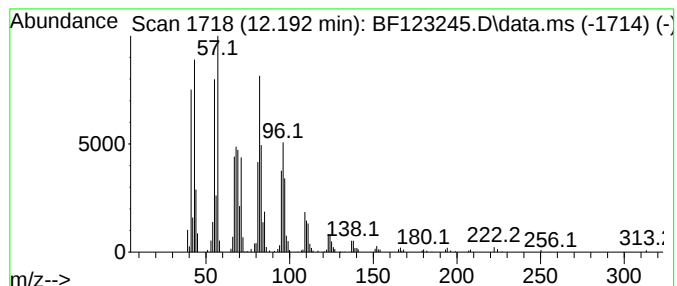
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Pentadecanal- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	9.68 ng	627097	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanal-	226	C15H30O	002765-11-9	94
2			Heptadecanal	254	C17H34O	1000376-70-0	94
3			Octadecanal	268	C18H36O	000638-66-4	94
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Hexadecanal	240	C16H32O	000629-80-1	91



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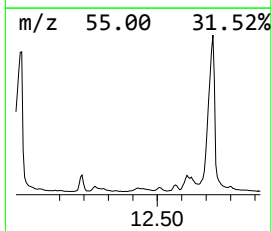
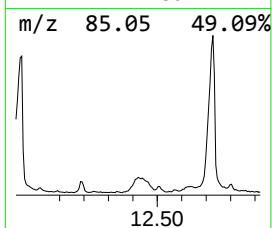
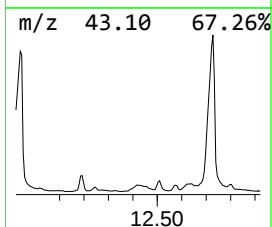
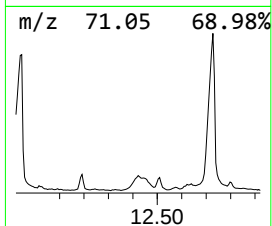
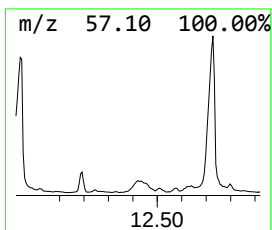
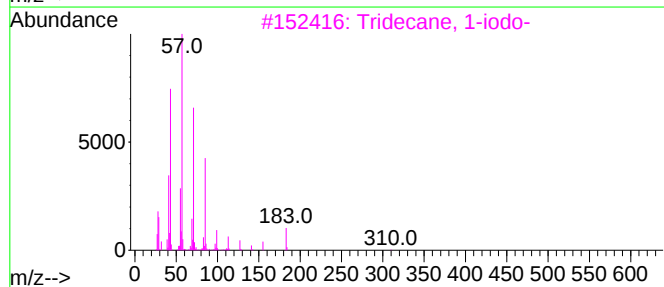
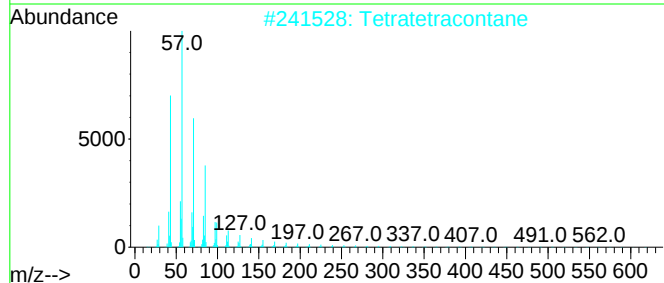
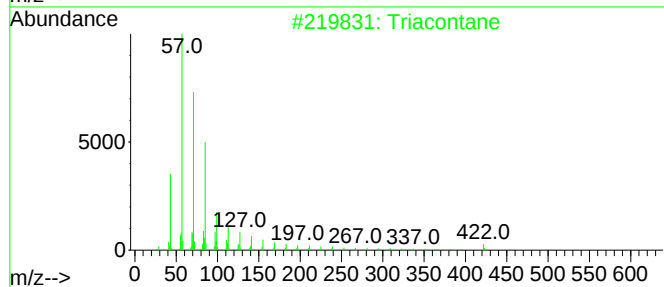
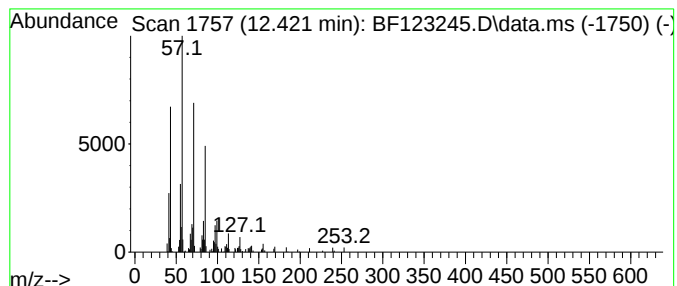
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Triacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	8.89 ng	576022	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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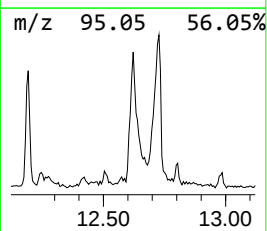
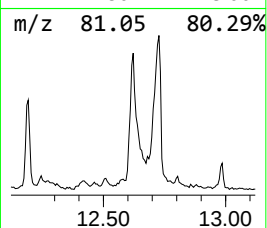
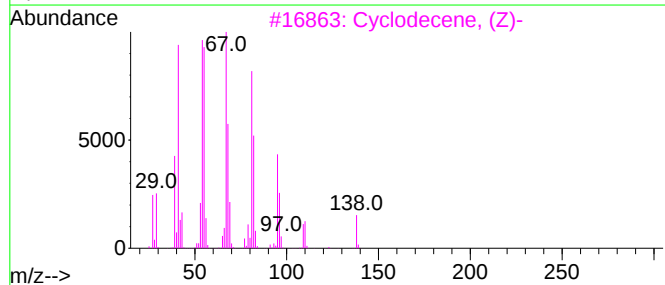
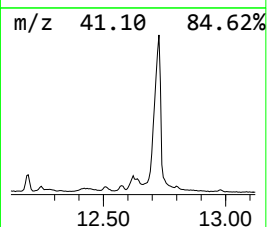
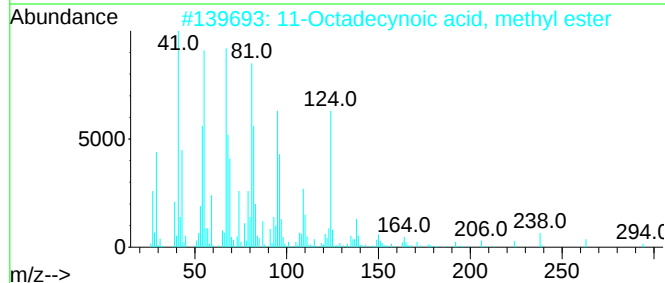
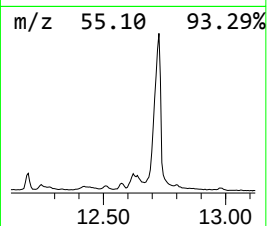
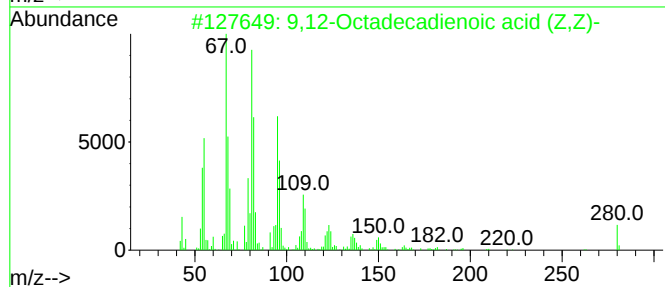
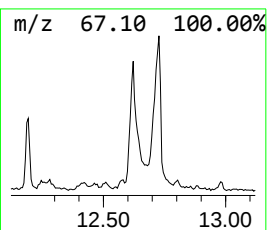
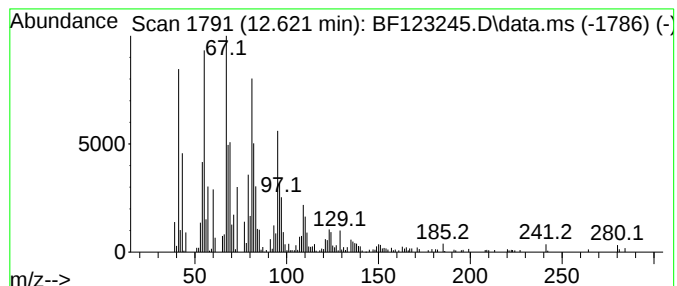
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	21.62 ng	1400520	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	83
3		Cyclodecene, (Z)-	138	C10H18	000935-31-9	81
4		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76
5		9-Octadecyne	250	C18H34	035365-59-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
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Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

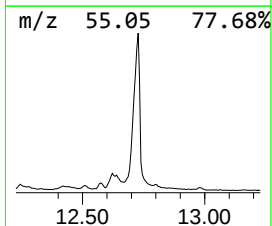
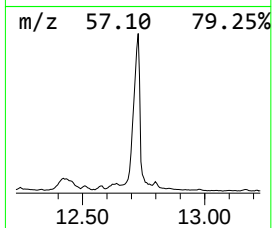
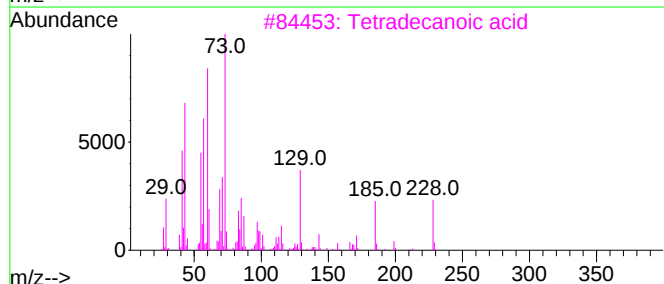
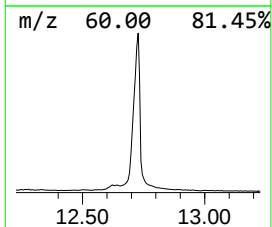
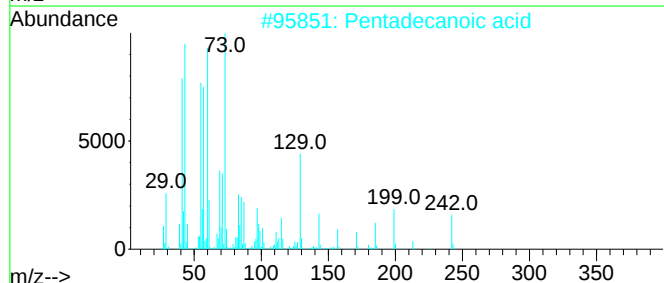
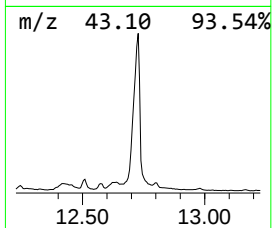
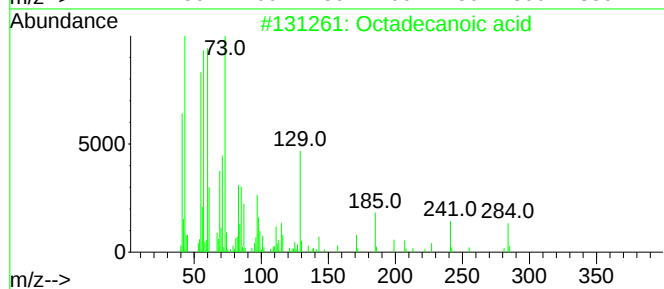
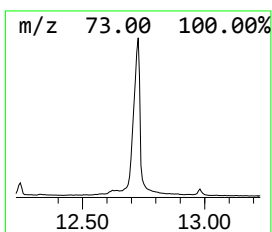
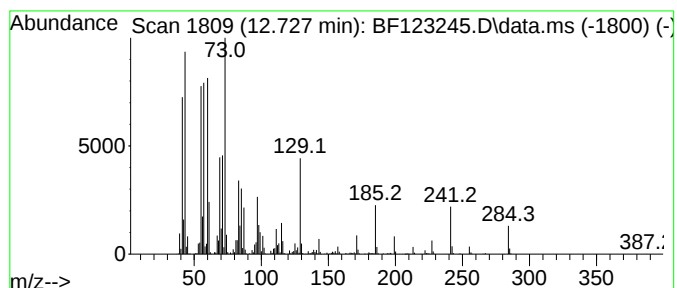
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.727	191.23 ng	11099400	Chrysene-d12		14.039	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	87
4	Tridecanoic acid		214	C13H26O2	000638-53-9	68
5	n-Decanoic acid		172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
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Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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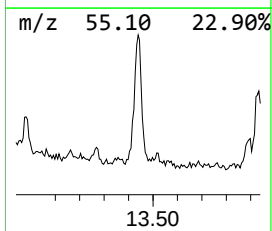
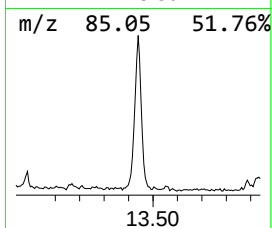
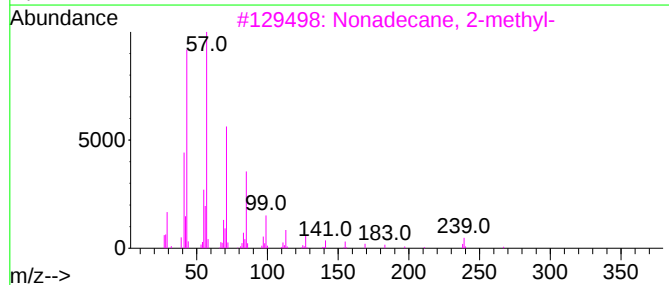
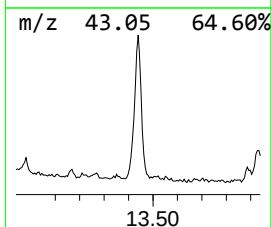
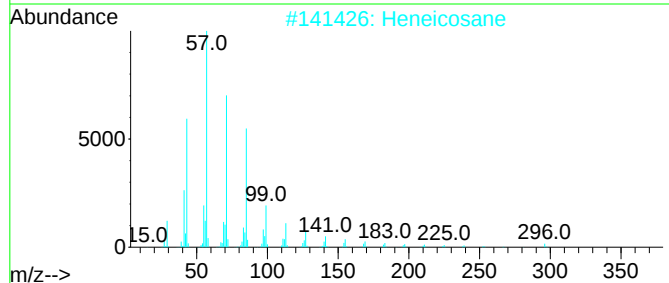
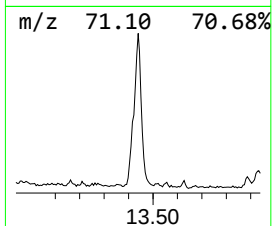
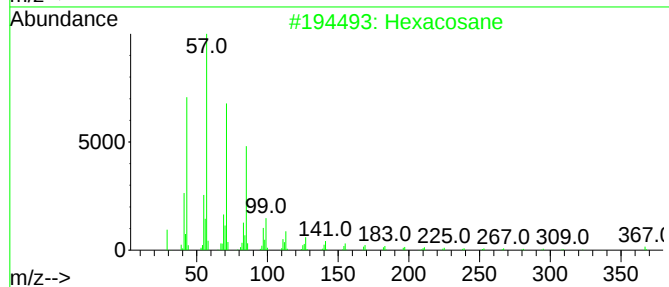
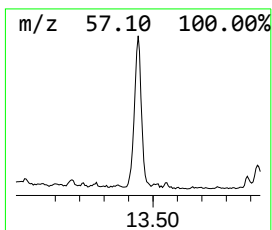
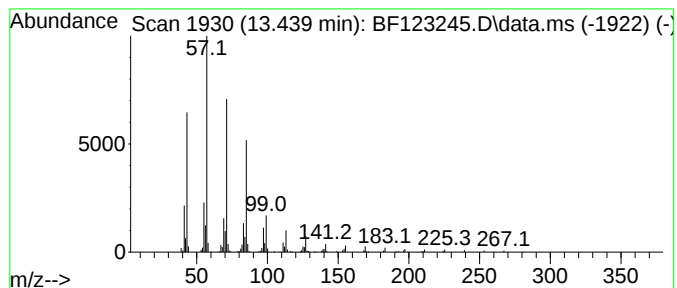
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	16.07 ng	932692	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4			Tetracosane	338	C24H50	000646-31-1	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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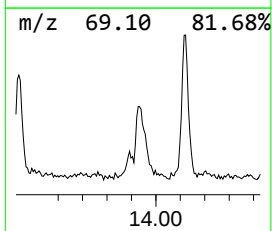
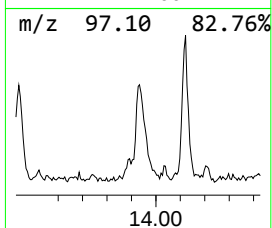
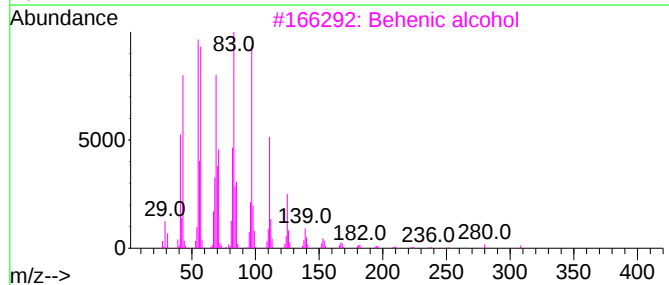
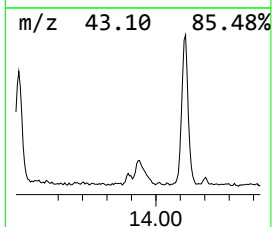
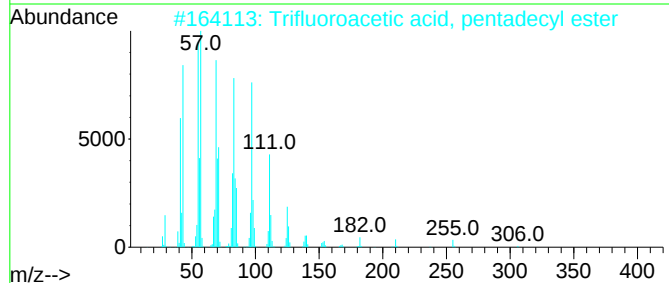
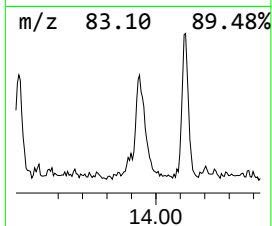
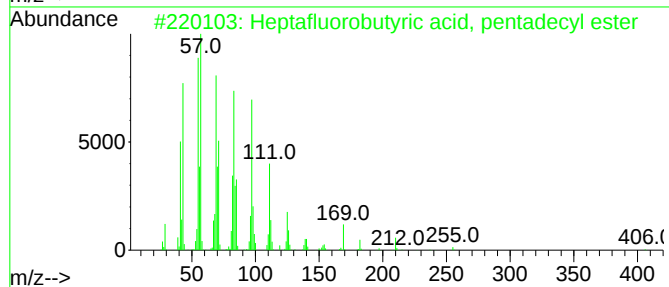
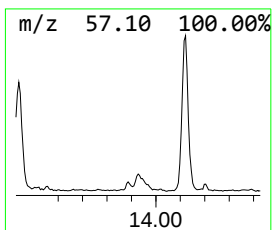
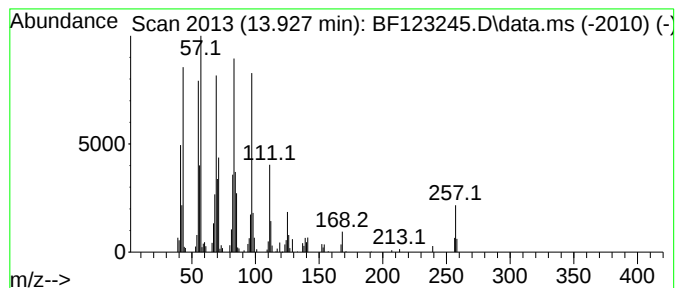
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptafluorobutyric acid, pe... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	6.51 ng	377924	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
3			Behenic alcohol	326	C22H46O	000661-19-8	95
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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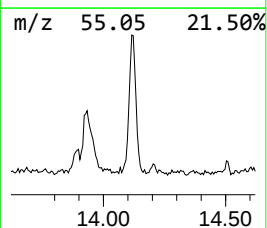
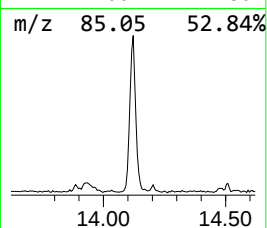
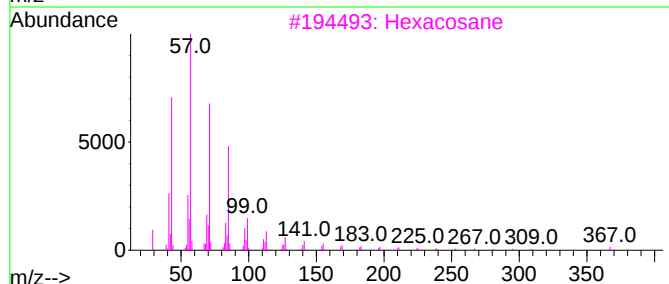
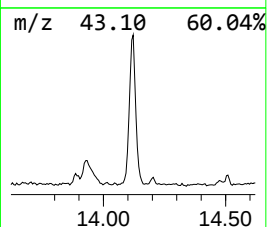
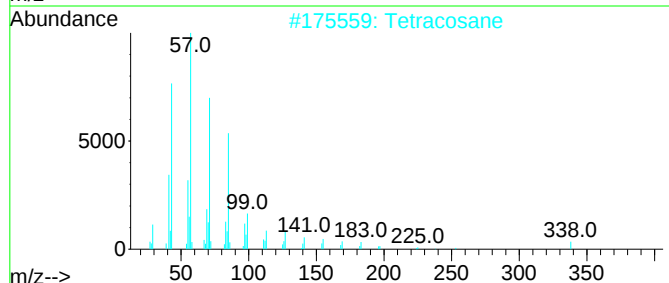
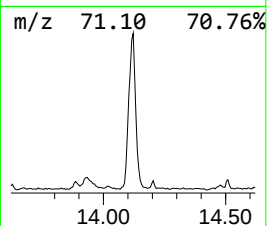
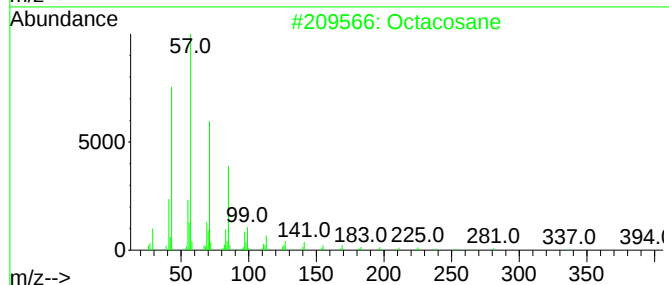
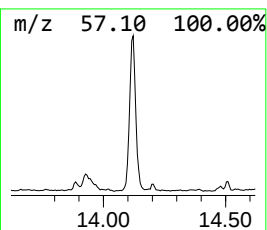
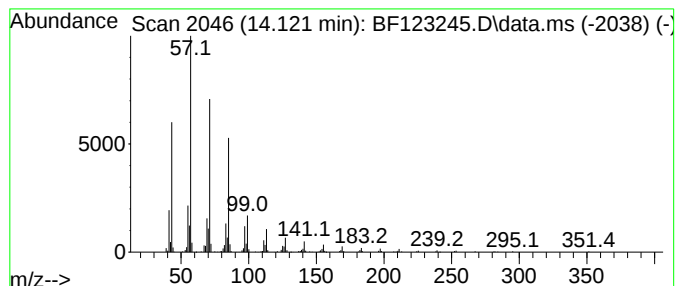
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	21.05 ng	1221520	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
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Misc :
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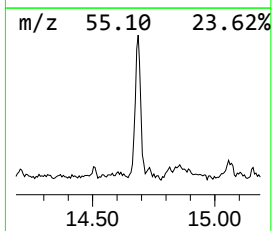
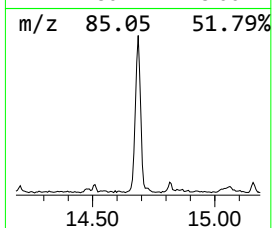
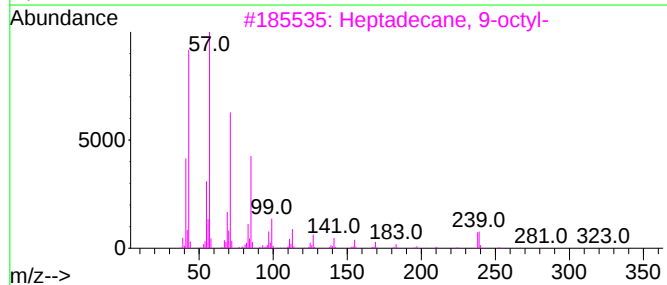
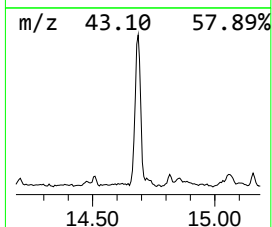
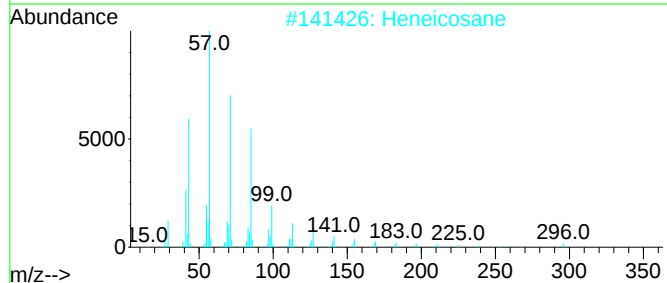
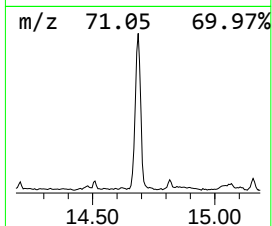
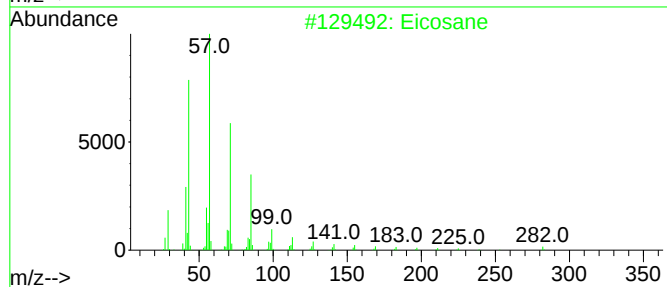
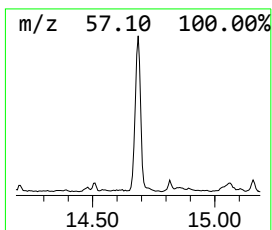
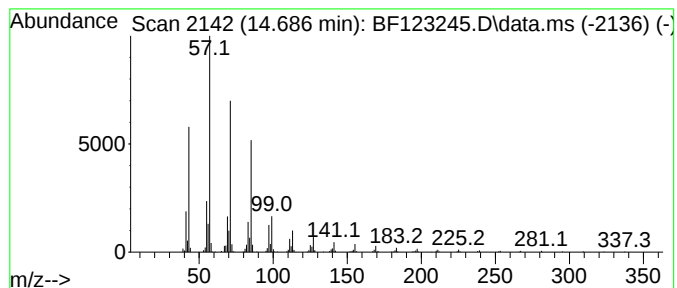
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.686	19.82 ng	1150450	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
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Acq On : 20 Feb 2021 15:08
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Sample : M1430-09
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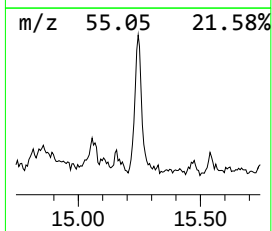
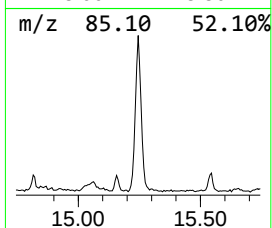
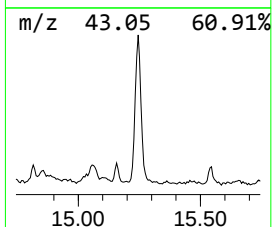
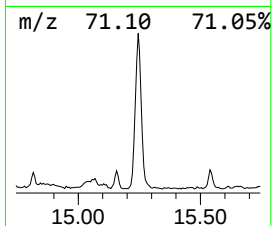
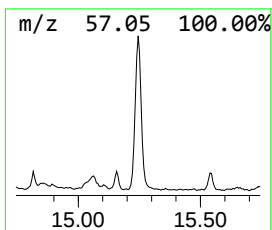
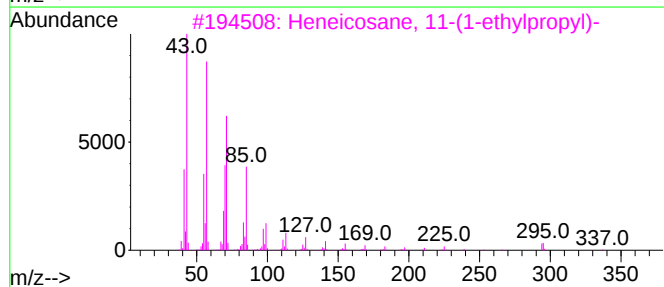
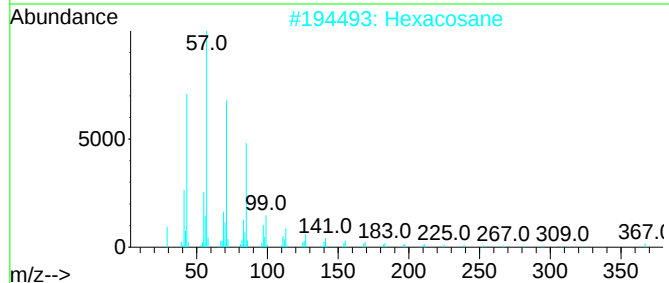
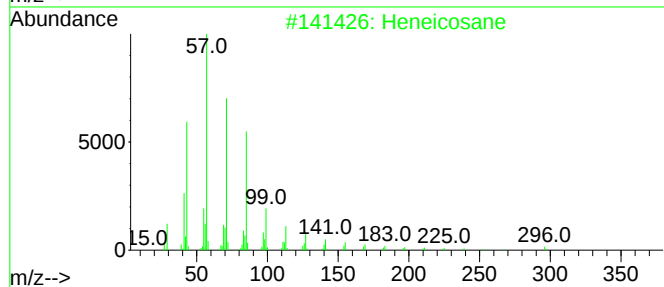
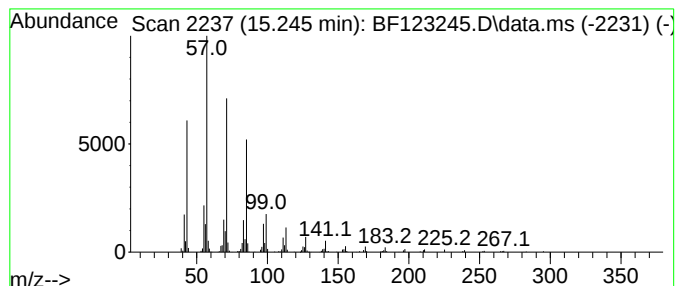
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.245	20.58 ng	929378	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
H-1

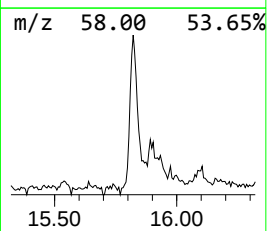
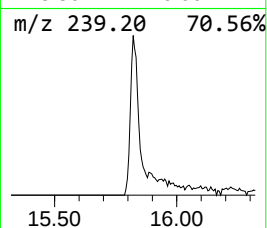
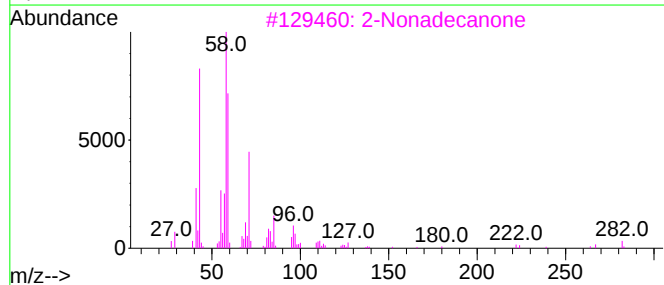
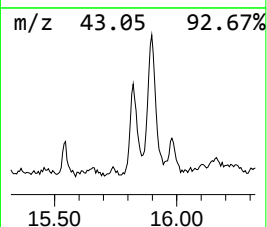
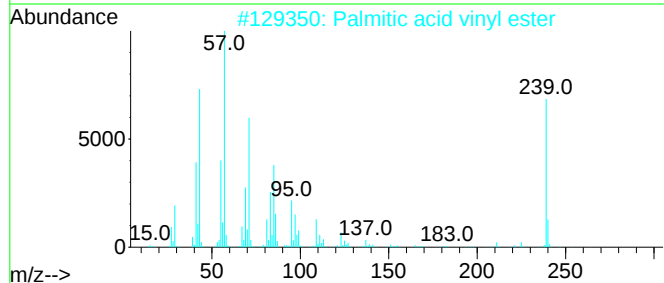
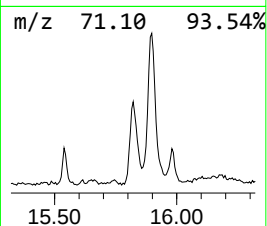
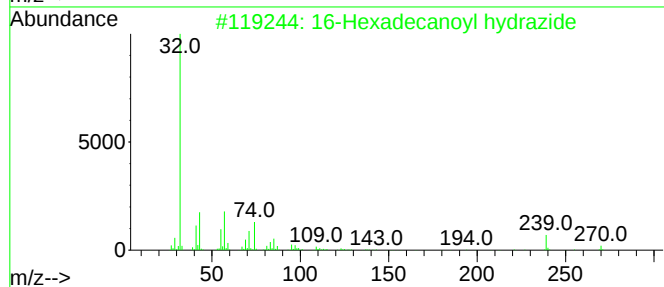
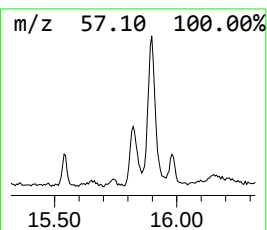
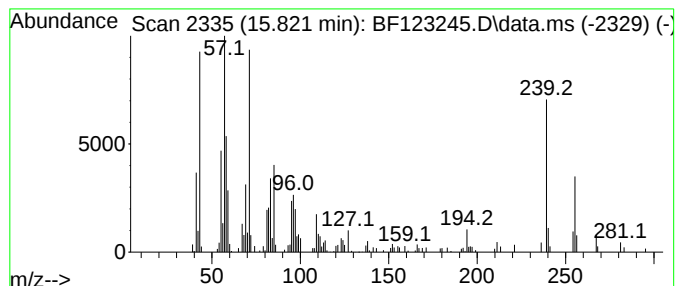
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 16-Hexadecanoyl hydrazide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	10.23 ng	462183	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	68
2			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	53
3			2-Nonadecanone	282	C19H38O	000629-66-3	49
4			Hexadecanoic acid, 4-nitrophenyl...	377	C22H35NO4	001492-30-4	47
5			Decane, 3-methyl-	156	C11H24	013151-34-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-1

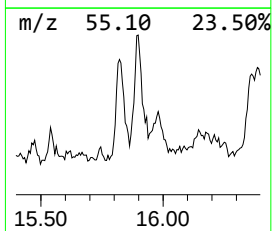
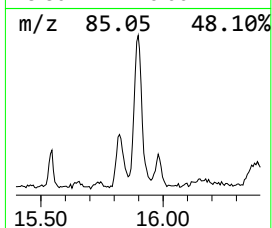
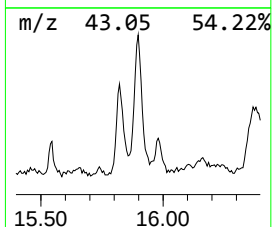
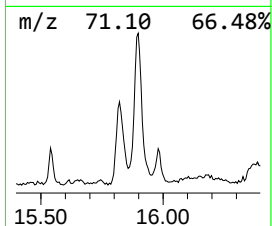
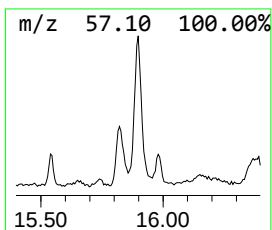
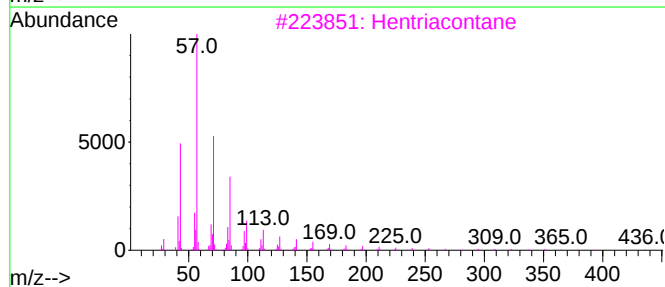
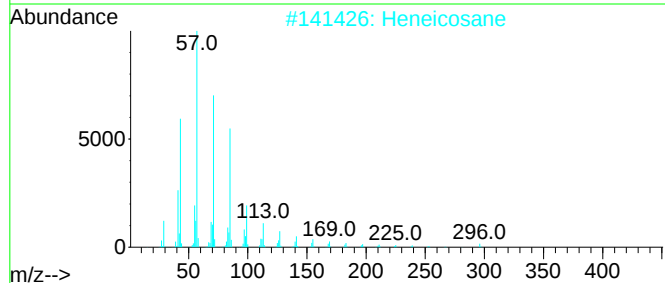
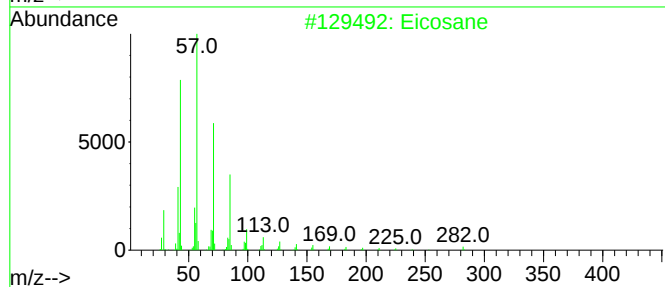
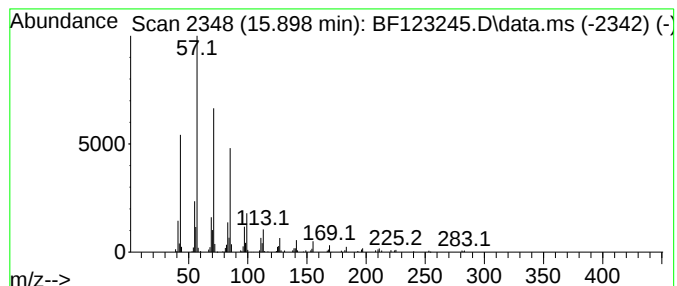
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hentriacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	13.52 ng	610437	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

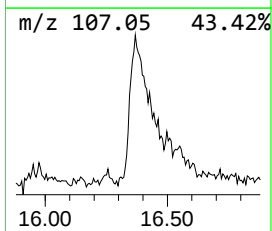
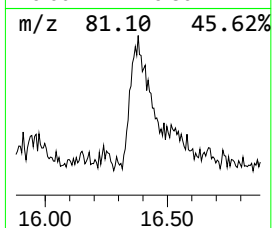
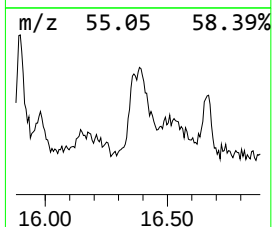
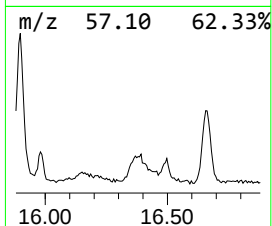
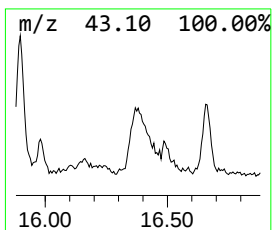
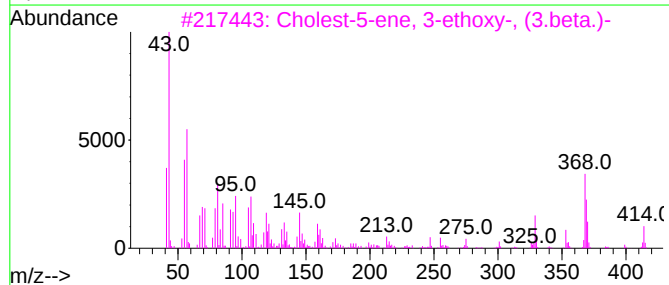
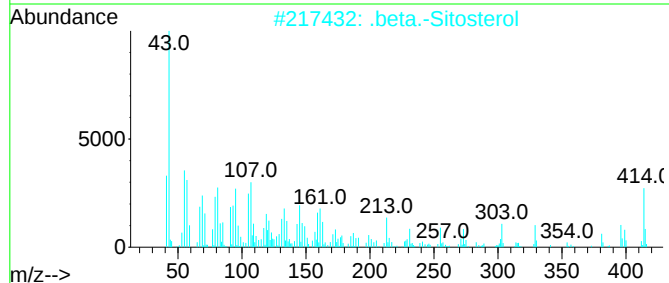
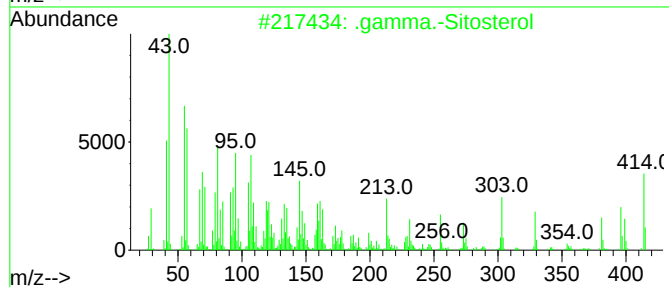
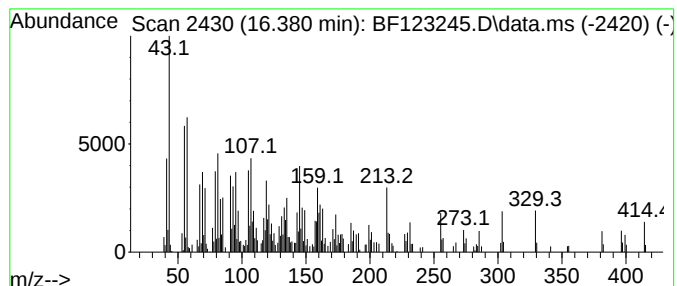
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.380	27.93 ng	1261470	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	46
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38
5	Clionasterol acetate	456	C31H52O2	004651-54-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
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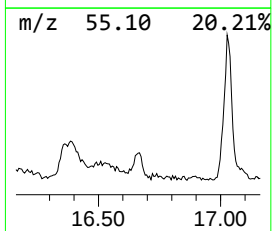
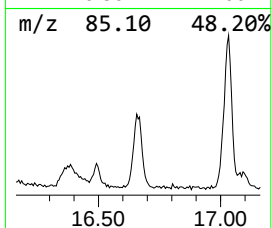
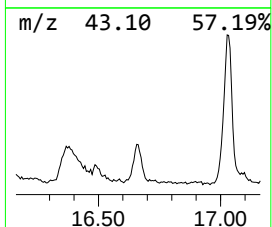
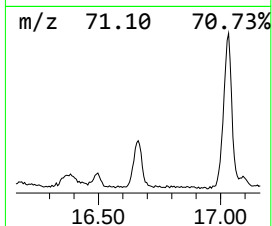
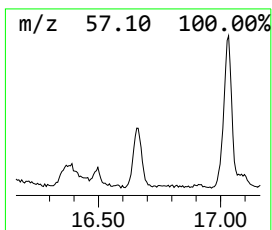
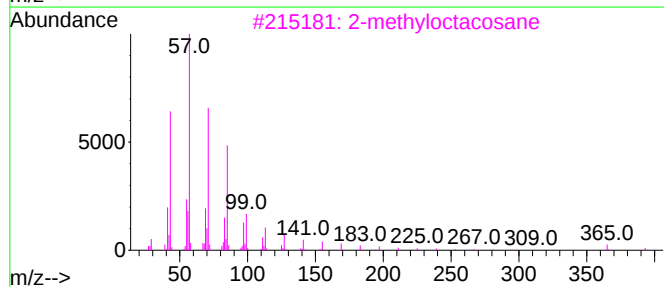
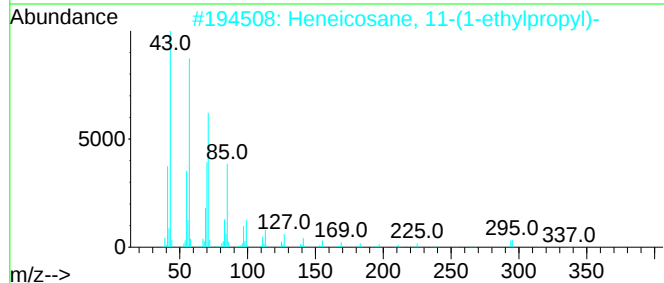
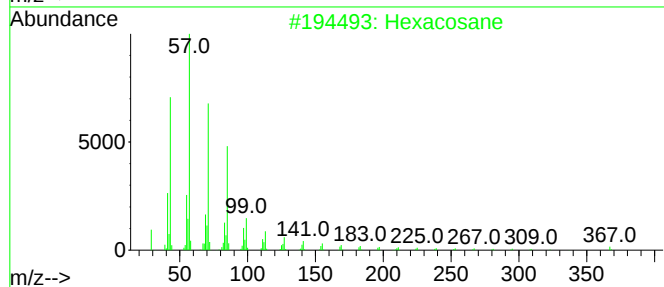
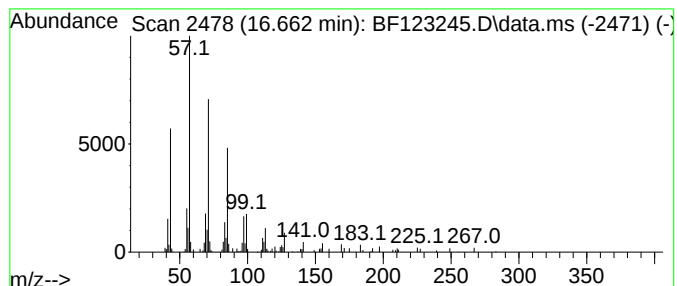
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane, 11-(1-ethylpro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.662	6.23 ng	281249	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
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Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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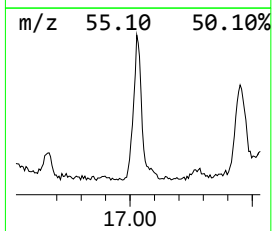
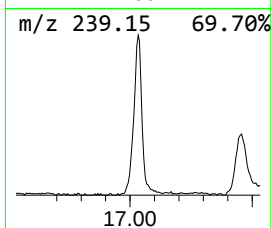
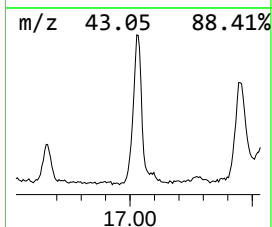
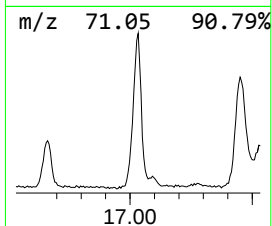
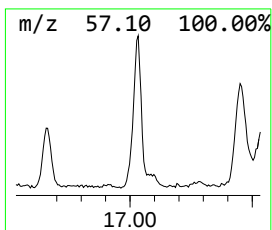
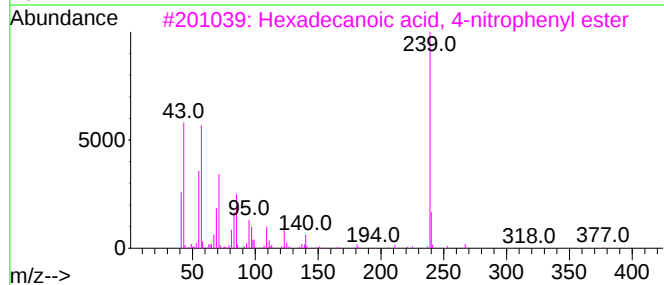
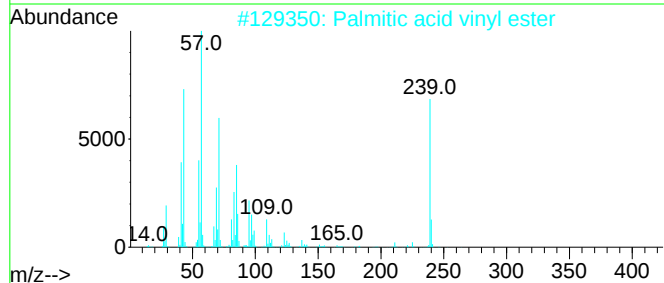
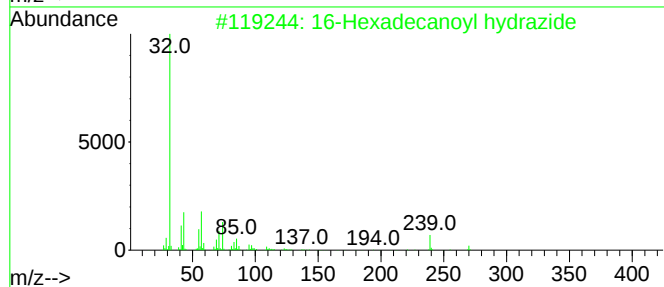
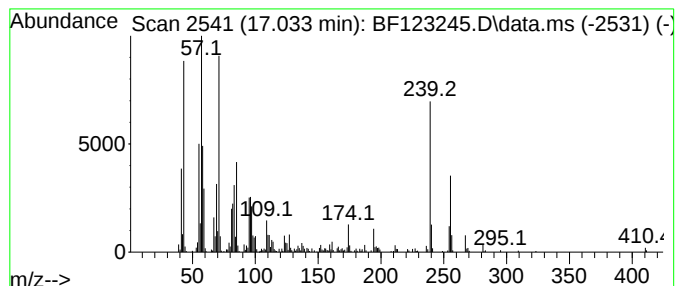
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Palmitic acid vinyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.033	38.71 ng	1748170	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	64
2			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	60
3			Hexadecanoic acid, 4-nitrophenyl...	377	C22H35NO4	001492-30-4	49
4			Nonadecane, 4-methyl-	282	C20H42	025117-27-5	43
5			Decane, 5-propyl-	184	C13H28	017312-62-8	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
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Instrument :
BNA_F
ClientSampleId :
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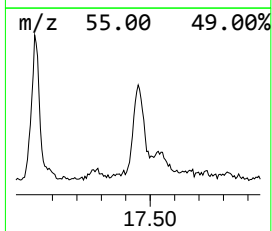
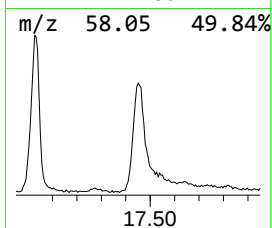
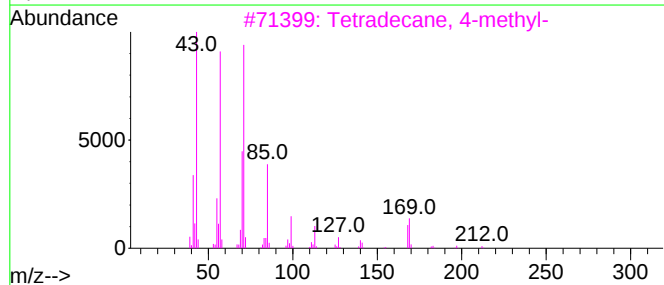
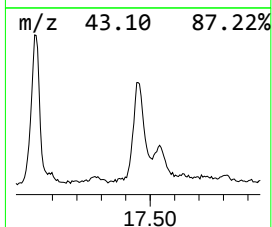
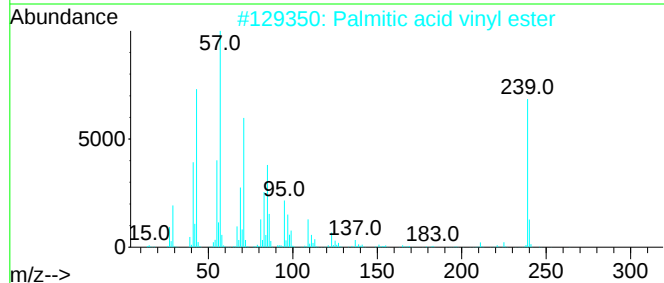
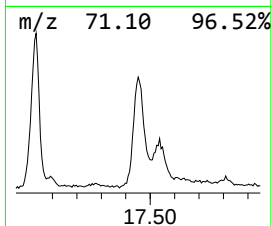
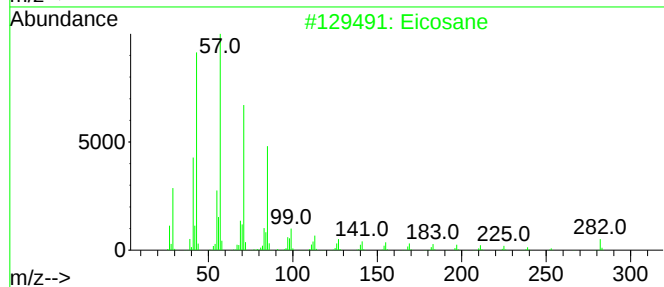
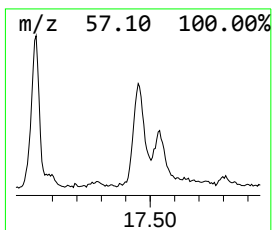
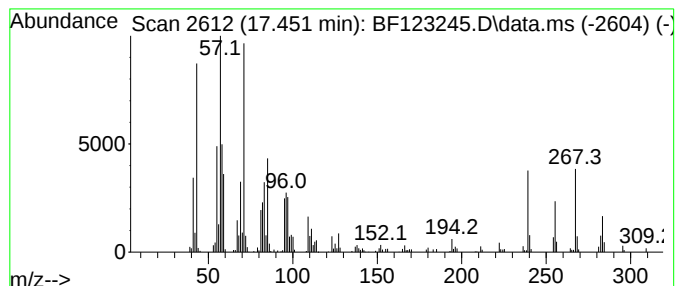
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.451 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.451	28.27 ng	1276730	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	44
2			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	38
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
4			Octadecane	254	C18H38	000593-45-3	38
5			Hexacosane	366	C26H54	000630-01-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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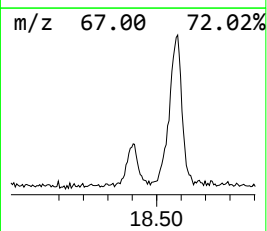
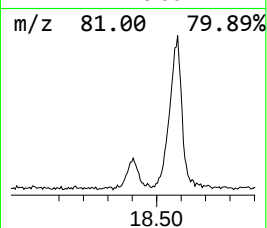
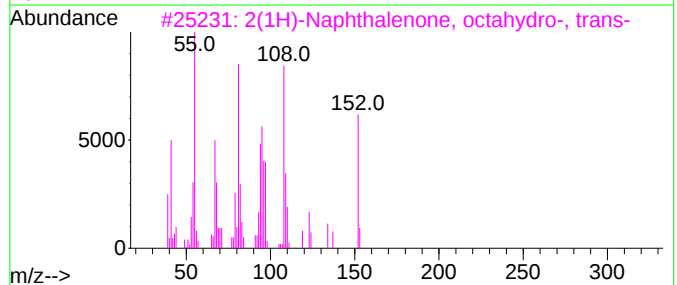
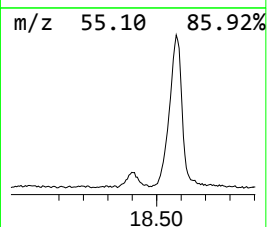
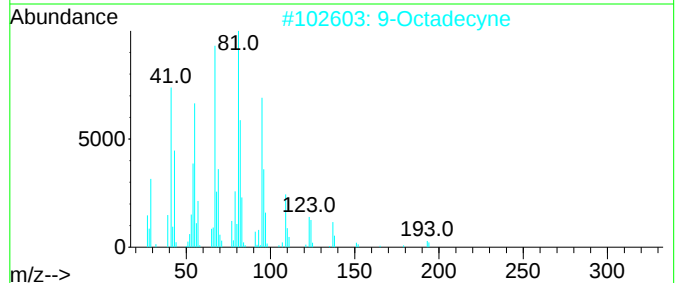
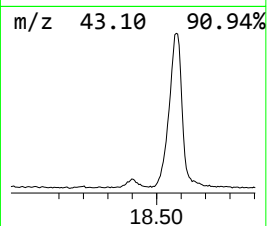
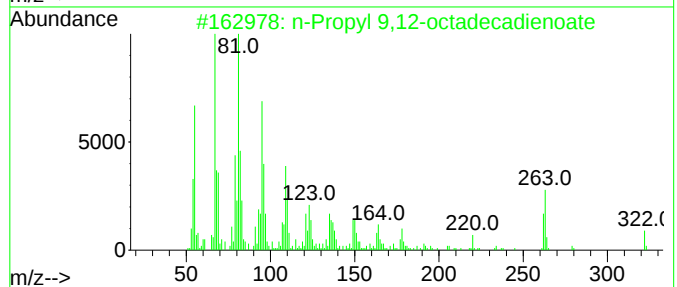
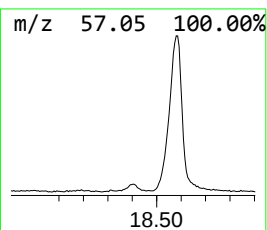
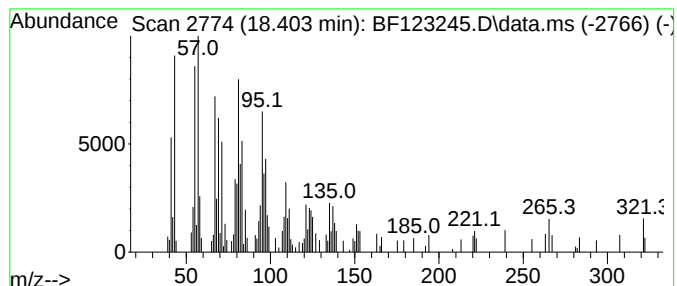
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Propyl 9,12-octadecadienoate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.403	6.48 ng	292467	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Propyl 9,12-octadecadienoate	322	C21H38O2	1000336-77-8	70
2			9-Octadecyne	250	C18H34	035365-59-4	62
3			2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	60
4			Z-9-Hexadecen-1-ol acetate	282	C18H34O2	1000130-89-2	58
5			1,13-Tetradecadiene	194	C14H26	021964-49-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-1

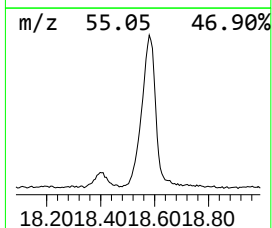
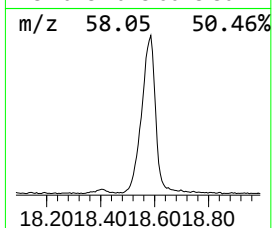
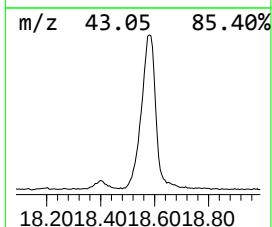
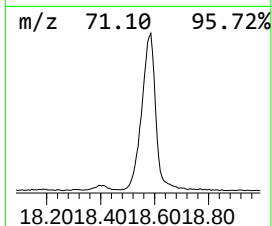
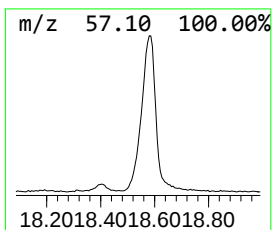
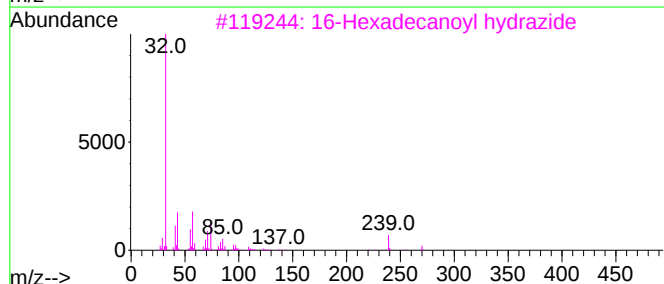
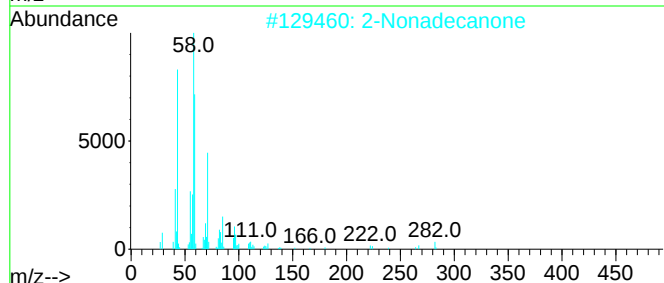
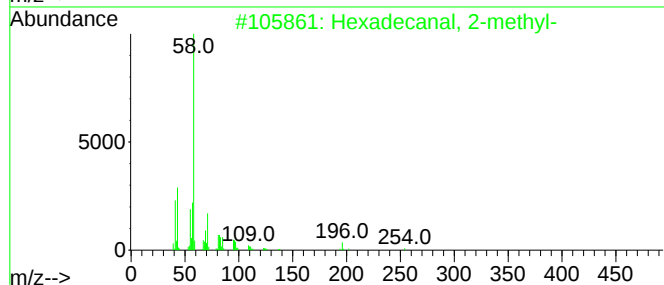
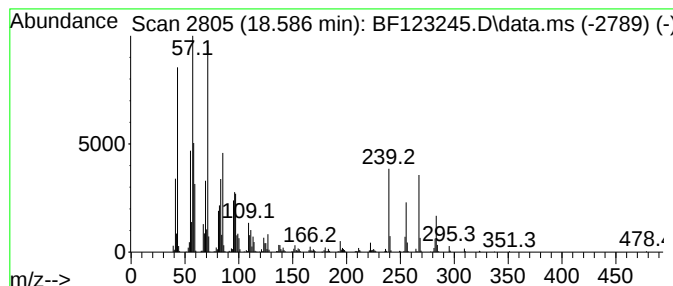
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecanal, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	118.68 ng	5359850	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanal, 2-methyl-	254	C17H34O	055019-46-0	50
2		2-Nonadecanone	282	C19H38O	000629-66-3	46
3		16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	46
4		Eicosane	282	C20H42	000112-95-8	41
5		Decane, 5-propyl-	184	C13H28	017312-62-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123245.D
 Acq On : 20 Feb 2021 15:08
 Operator : JU/CG
 Sample : M1430-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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
Butane, 2-metho...	2.128	30.9	ng	1226040	1	6.857	792474	20.0
unknown11.645	11.645	44.9	ng	2906190	4	11.386	1295640	20.0
n-Hexadecanoic ...	11.945	171.4	ng	11103600	4	11.386	1295640	20.0
Pentadecanal-	12.192	9.7	ng	627097	4	11.386	1295640	20.0
Triacotane	12.422	8.9	ng	576022	4	11.386	1295640	20.0
9,12-Octadecadi...	12.621	21.6	ng	1400520	4	11.386	1295640	20.0
Octadecanoic acid	12.727	191.2	ng	11099400	5	14.039	1160850	20.0
Hexacosane	13.439	16.1	ng	932692	5	14.039	1160850	20.0
Heptafluorobuty...	13.927	6.5	ng	377924	5	14.039	1160850	20.0
Octacosane	14.121	21.1	ng	1221520	5	14.039	1160850	20.0
Eicosane	14.686	19.8	ng	1150450	5	14.039	1160850	20.0
Heneicosane	15.245	20.6	ng	929378	6	15.509	903229	20.0
16-Hexadecanoyl...	15.821	10.2	ng	462183	6	15.509	903229	20.0
Hentriacontane	15.898	13.5	ng	610437	6	15.509	903229	20.0
.gamma.-Sitosterol	16.380	27.9	ng	1261470	6	15.509	903229	20.0
Heneicosane, 11...	16.662	6.2	ng	281249	6	15.509	903229	20.0
Palmitic acid v...	17.033	38.7	ng	1748170	6	15.509	903229	20.0
unknown17.451	17.451	28.3	ng	1276730	6	15.509	903229	20.0
n-Propyl 9,12-o...	18.403	6.5	ng	292467	6	15.509	903229	20.0
Hexadecanal, 2-...	18.586	118.7	ng	5359850	6	15.509	903229	20.0