

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122986.D
 Acq On : 18 Jan 2021 13:56
 Operator : JU/CG
 Sample : M1100-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

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-BF011621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	12	19	30	rVB	450596	619705	14.80%	1.530%
2	5.116	507	515	522	rBV	42978	60357	1.44%	0.149%
3	5.510	577	582	585	rBV	4523838	4039936	96.51%	9.973%
4	6.510	747	752	755	rBV	4189344	4062890	97.06%	10.030%
5	6.892	814	817	821	rBV	1477466	1193674	28.52%	2.947%
6	7.451	907	912	915	rBV	2941772	2700301	64.51%	6.666%
7	8.175	1031	1035	1039	rBV	1875771	1659909	39.66%	4.098%
8	9.251	1213	1218	1222	rBV	4354422	4097023	97.88%	10.114%
9	9.598	1271	1277	1281	rBV2	42161	43576	1.04%	0.108%
10	9.645	1281	1285	1289	rBV	225404	188511	4.50%	0.465%
11	9.786	1305	1309	1312	rBV	95031	85099	2.03%	0.210%
12	9.933	1329	1334	1338	rBV	1975151	1634165	39.04%	4.034%
13	10.722	1463	1468	1471	rBV	2992217	2740123	65.46%	6.764%
14	11.292	1562	1565	1573	rVB2	43125	53946	1.29%	0.133%
15	11.422	1580	1587	1590	rBV	1980205	1669505	39.88%	4.121%
16	11.539	1604	1607	1616	rVB7	33058	54577	1.30%	0.135%
17	11.951	1671	1677	1689	rBV	1244676	1215810	29.05%	3.001%
18	12.639	1791	1794	1795	rBV2	53432	51524	1.23%	0.127%
19	12.733	1806	1810	1823	rBV	498574	533955	12.76%	1.318%
20	13.010	1852	1857	1861	rBV	4172388	4185835	100.00%	10.333%
21	13.221	1890	1893	1896	rBV	57823	72251	1.73%	0.178%
22	13.586	1950	1955	1961	rVB5	34817	54598	1.30%	0.135%
23	13.910	2006	2010	2021	rBV	1328977	1517658	36.26%	3.747%
24	14.063	2032	2036	2040	rBV	1457260	1389557	33.20%	3.430%
25	14.239	2062	2066	2077	rVB	91745	127747	3.05%	0.315%
26	14.545	2112	2118	2126	rBV	734034	941280	22.49%	2.324%
27	14.604	2126	2128	2136	rVB8	59283	90084	2.15%	0.222%
28	14.851	2166	2170	2173	rBV	83177	96167	2.30%	0.237%
29	14.998	2192	2195	2199	rBV	113761	113387	2.71%	0.280%
30	15.104	2209	2213	2216	rVB5	31806	47453	1.13%	0.117%
31	15.198	2225	2229	2231	rBV	314275	351375	8.39%	0.867%
32	15.221	2231	2233	2240	rVB	171897	248807	5.94%	0.614%
33	15.545	2283	2288	2292	rBV	619494	759691	18.15%	1.875%
34	15.792	2325	2330	2338	rBV	160548	223706	5.34%	0.552%
35	15.921	2348	2352	2360	rVB10	24909	58883	1.41%	0.145%
36	16.033	2365	2371	2375	rBV	151627	229393	5.48%	0.566%

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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

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37	16.086	2375	2380	2389	rVB2	178168	334009	7.98%	0.825%
38	16.274	2407	2412	2422	rBV2	28282	79593	1.90%	0.196%
39	16.851	2504	2510	2517	rVB2	132449	245580	5.87%	0.606%
40	17.098	2544	2552	2556	rBV7	32064	76355	1.82%	0.188%
41	17.162	2559	2563	2570	rVB	44088	85433	2.04%	0.211%
42	17.256	2571	2579	2591	rBV3	103077	302305	7.22%	0.746%
43	17.651	2640	2646	2655	rBV3	113757	270722	6.47%	0.668%
44	17.739	2656	2661	2671	rVB9	36502	95563	2.28%	0.236%
45	17.880	2679	2685	2692	rVB9	31123	70319	1.68%	0.174%
46	17.992	2699	2704	2710	rBV8	29885	72542	1.73%	0.179%
47	18.233	2738	2745	2754	rVB9	69200	163578	3.91%	0.404%
48	18.480	2778	2787	2805	rBV3	487569	1393656	33.29%	3.440%
49	18.703	2819	2825	2834	rBV10	38594	106467	2.54%	0.263%

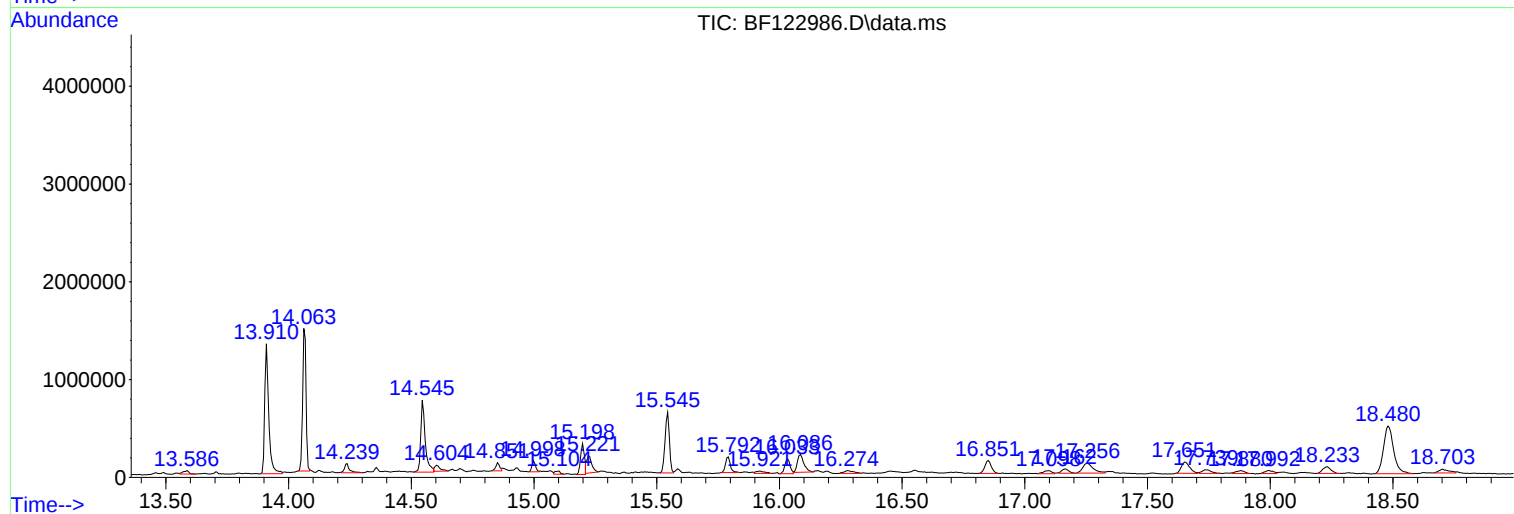
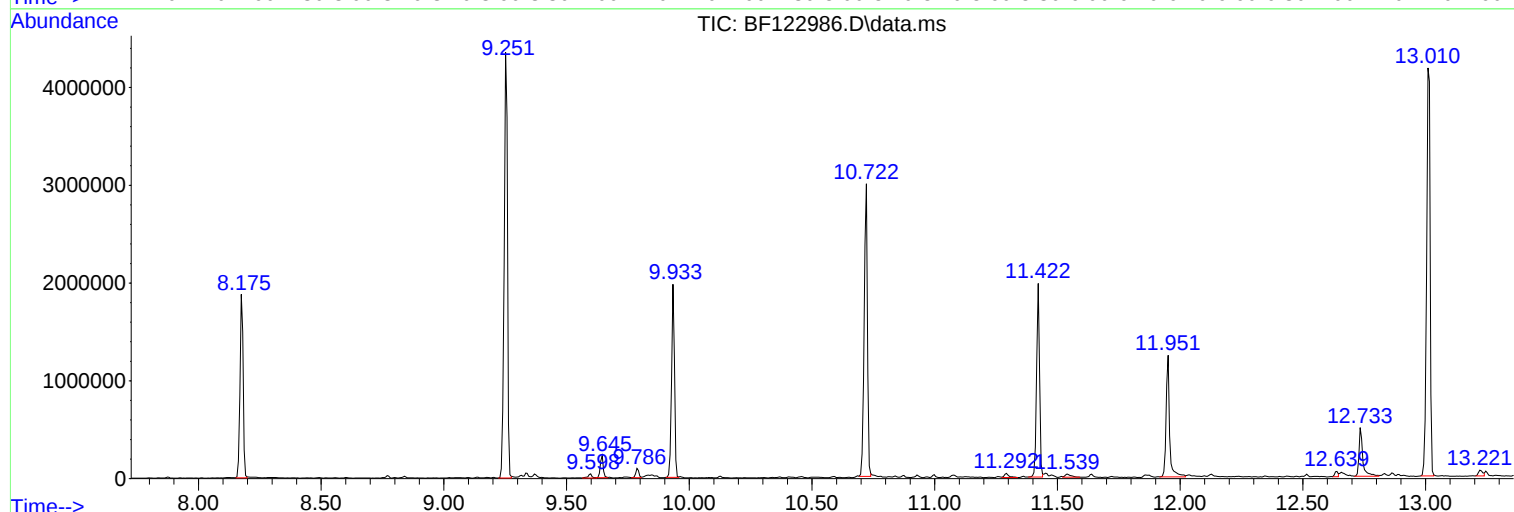
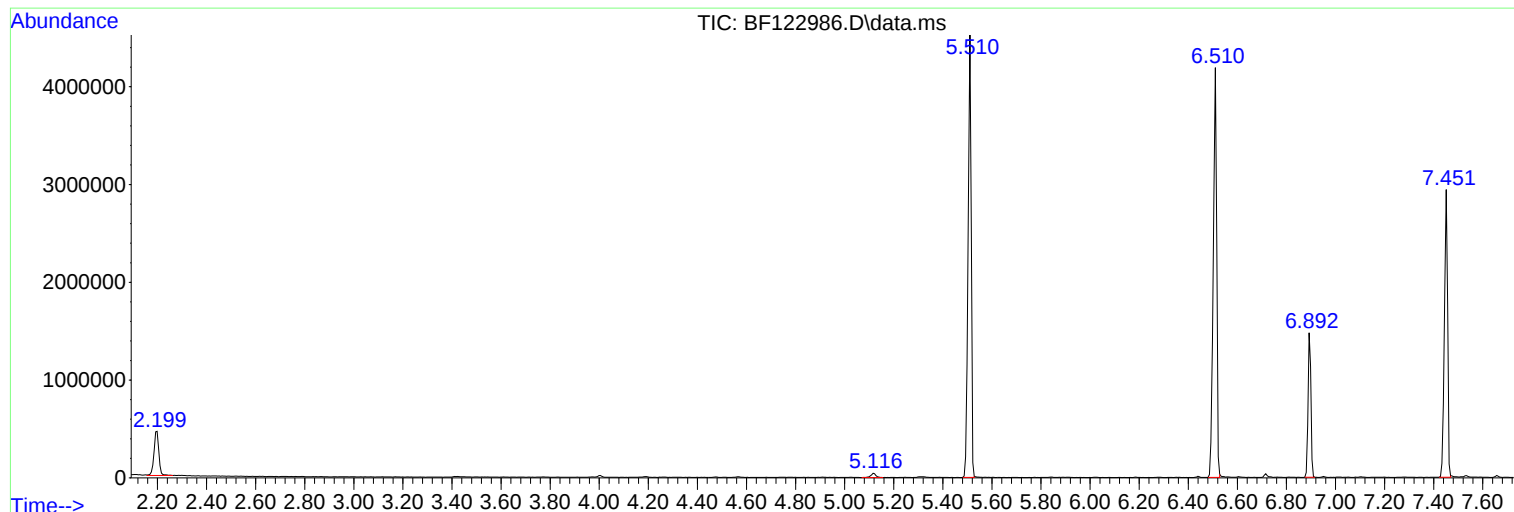
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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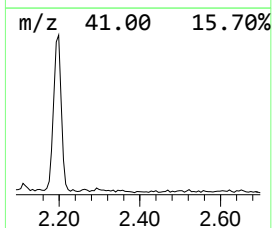
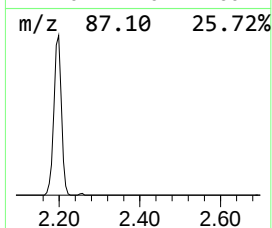
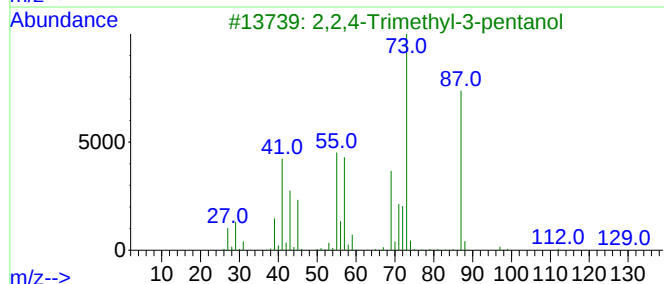
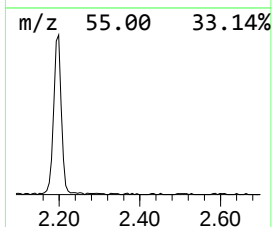
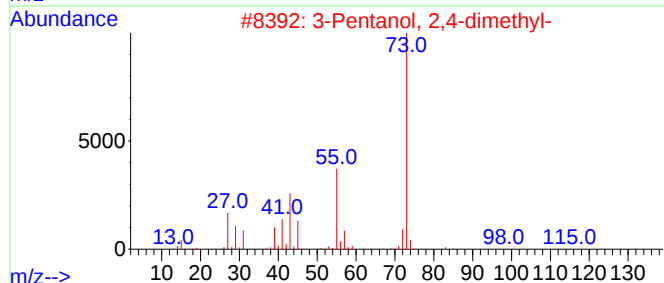
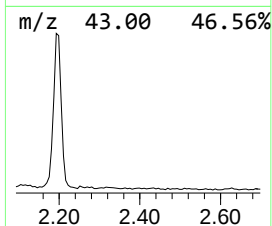
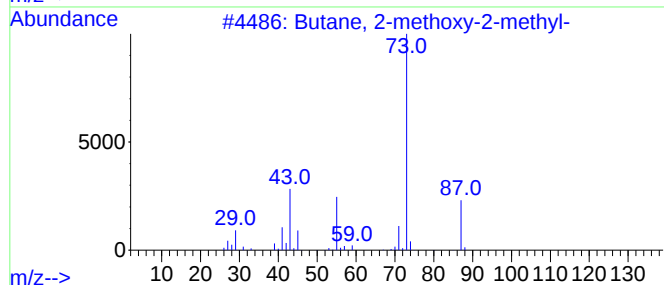
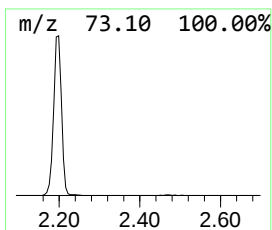
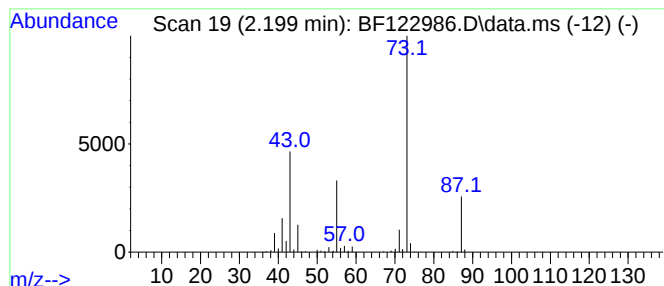
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	10.38 ng	619705	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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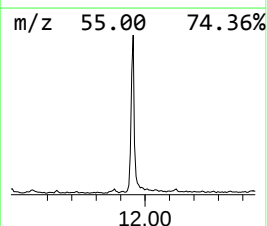
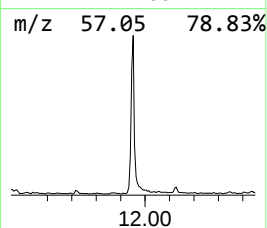
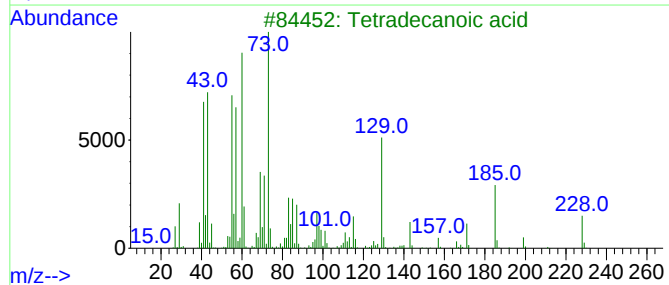
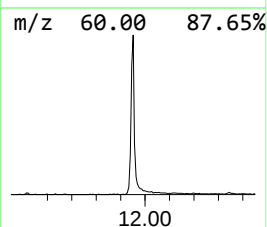
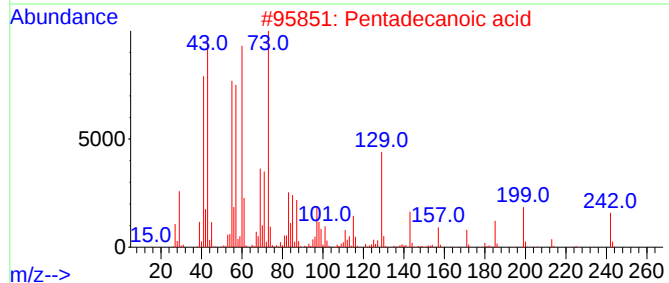
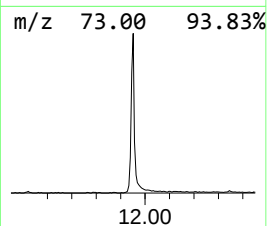
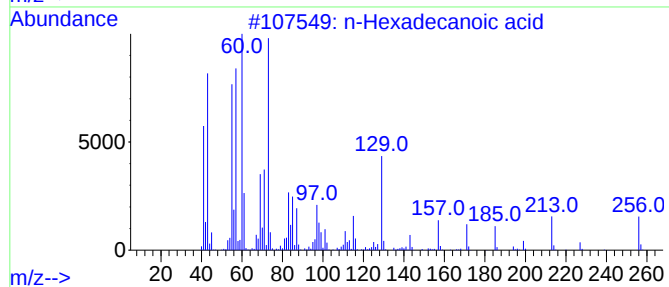
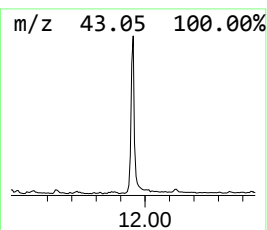
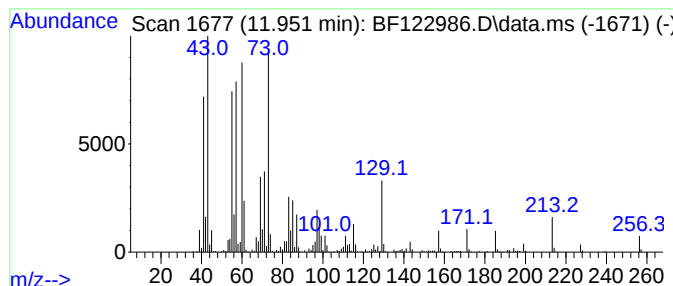
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	14.56 ng	1215810	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	43



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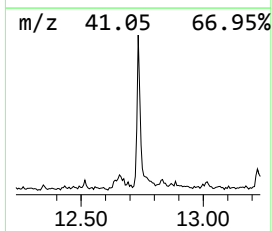
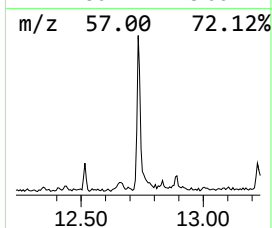
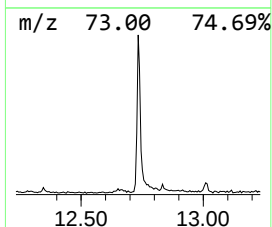
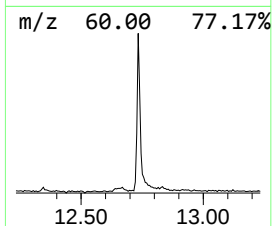
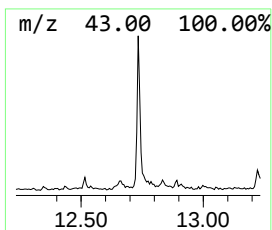
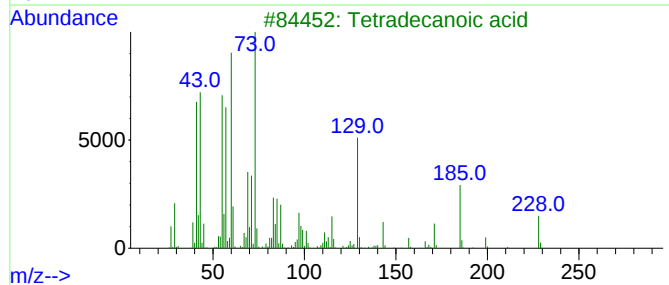
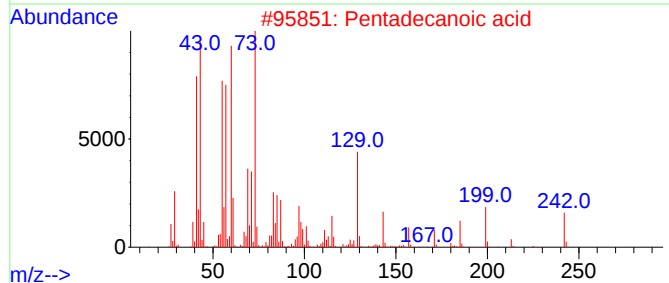
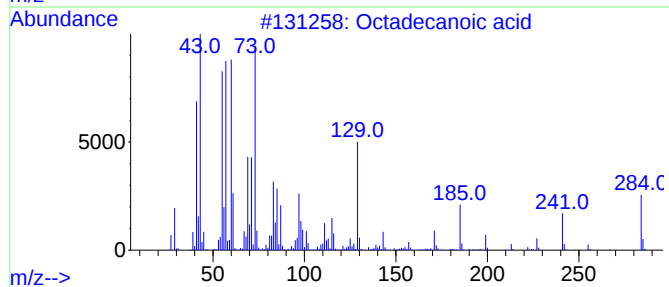
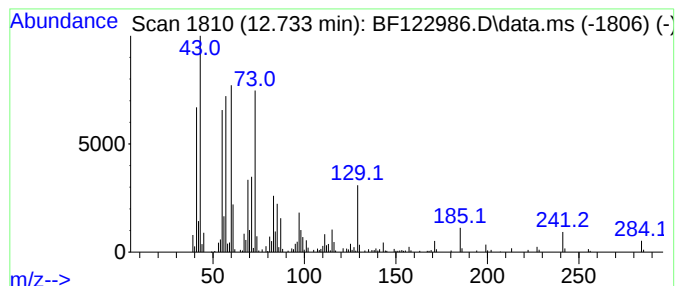
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.733	6.40 ng	533955	Phenanthrene-d10	11.422	
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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



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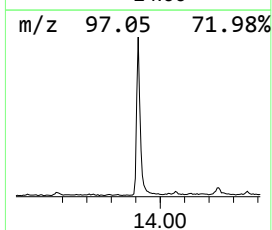
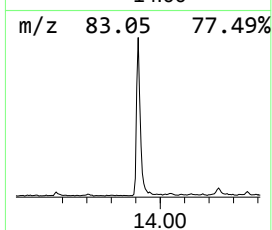
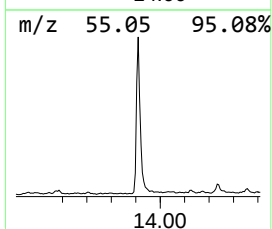
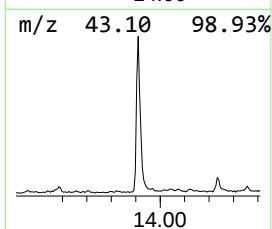
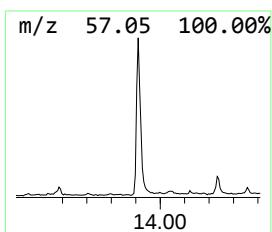
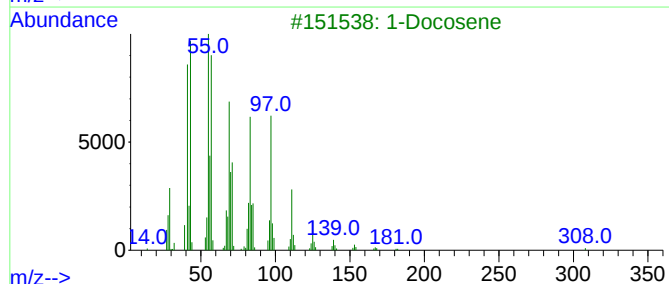
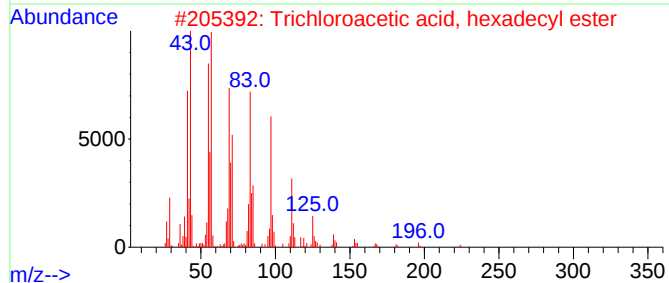
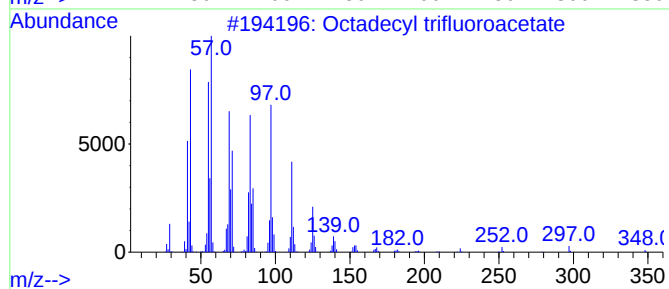
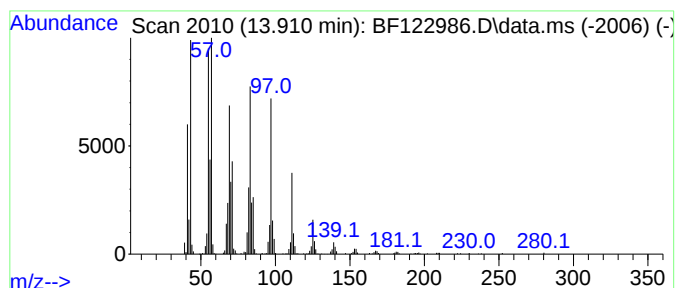
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	21.84 ng	1517660	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3			1-Docosene	308	C22H44	001599-67-3	94
4			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



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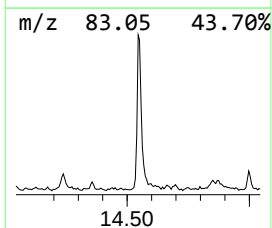
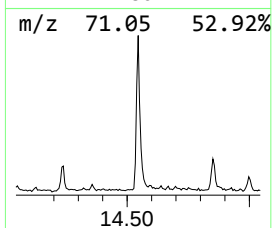
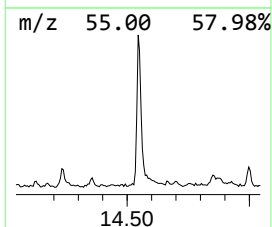
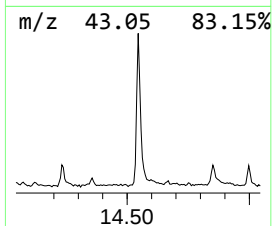
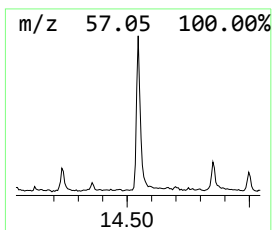
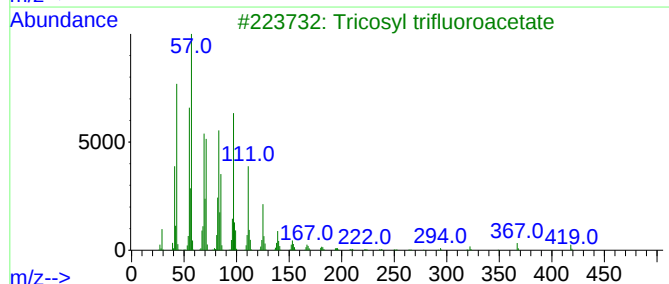
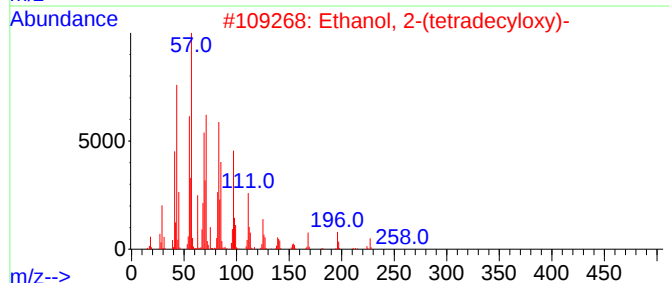
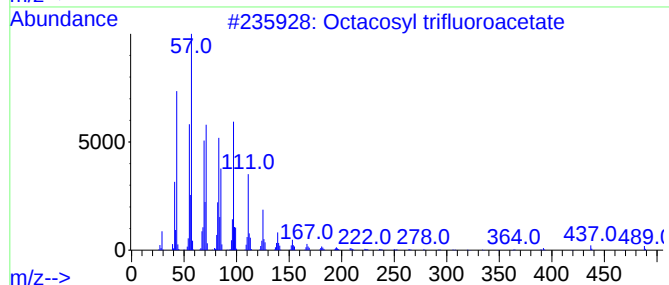
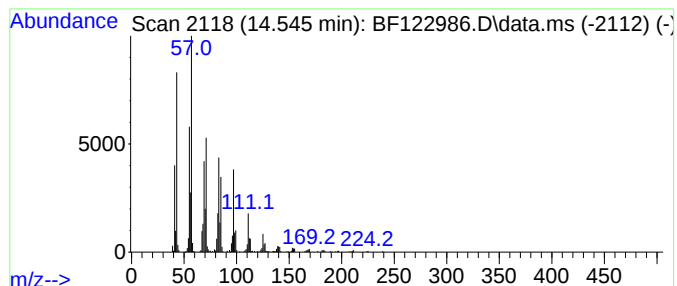
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	13.55 ng	941280	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4			Triacetyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
5			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

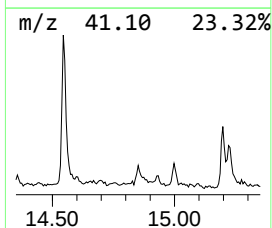
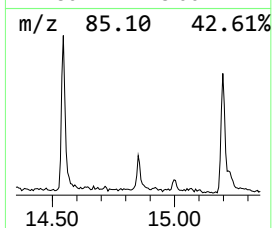
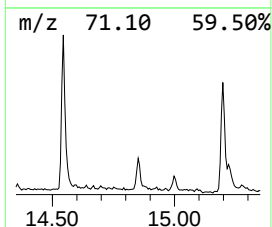
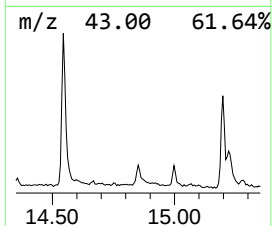
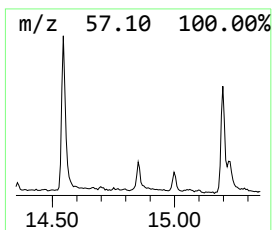
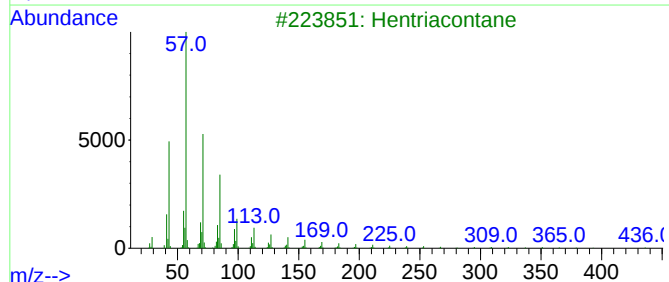
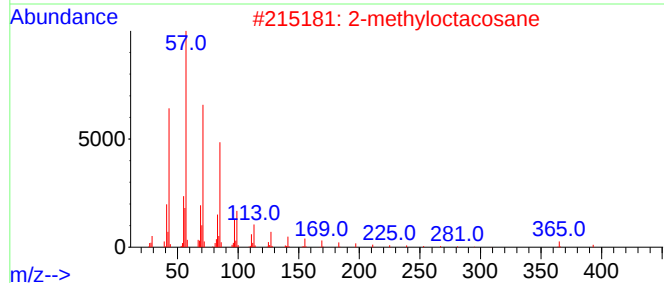
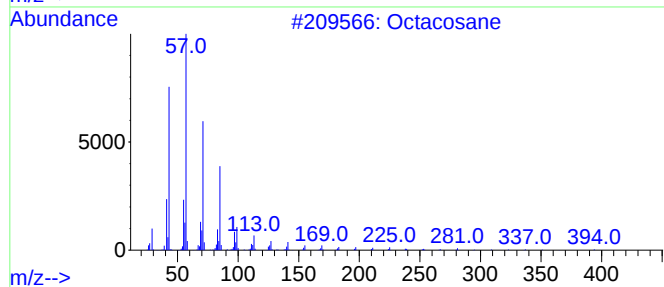
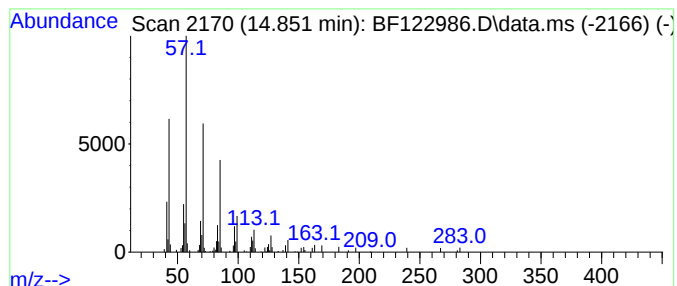
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	2.53 ng	96167	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

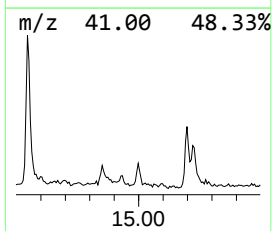
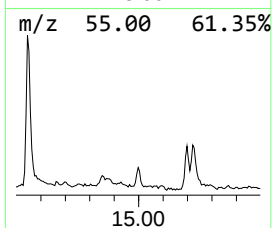
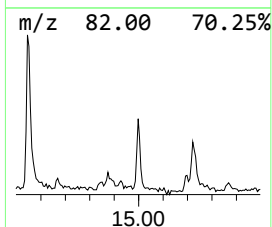
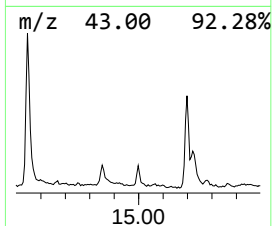
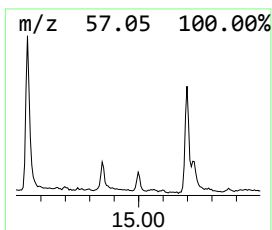
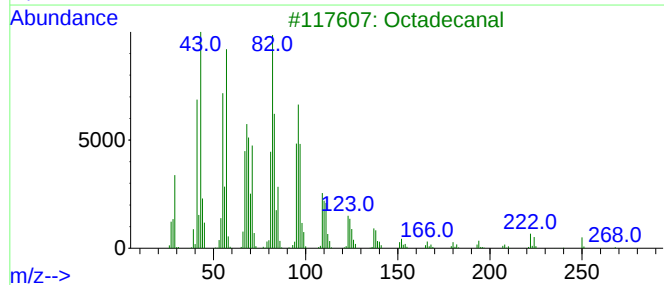
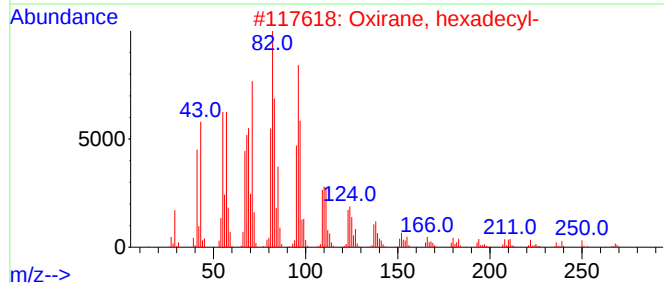
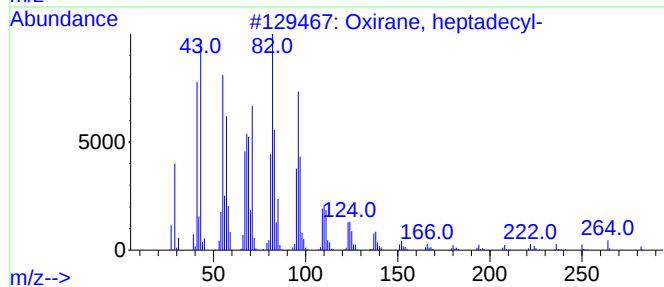
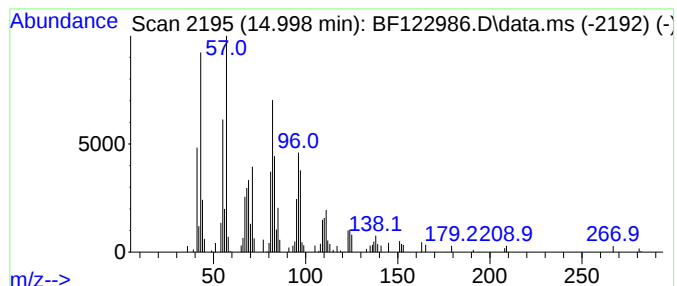
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxirane, heptadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	2.99 ng	113387	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Octadecanal	268	C18H36O	000638-66-4	83
4			1,19-Eicosadiene	278	C20H38	014811-95-1	62
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

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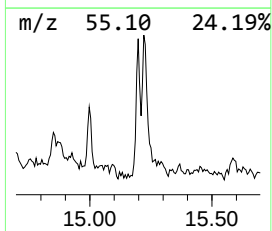
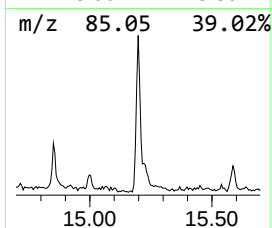
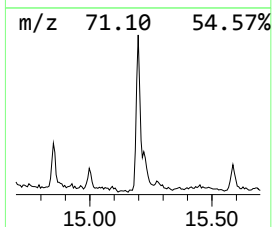
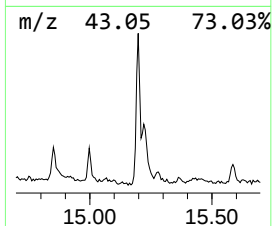
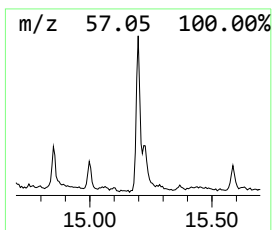
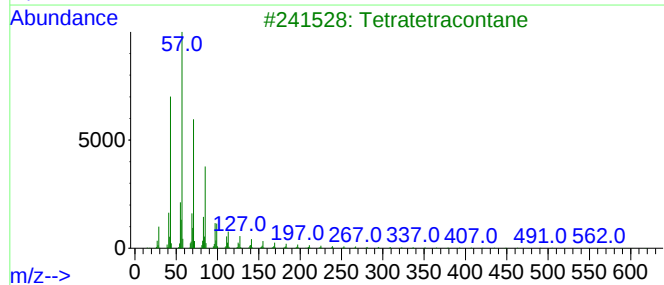
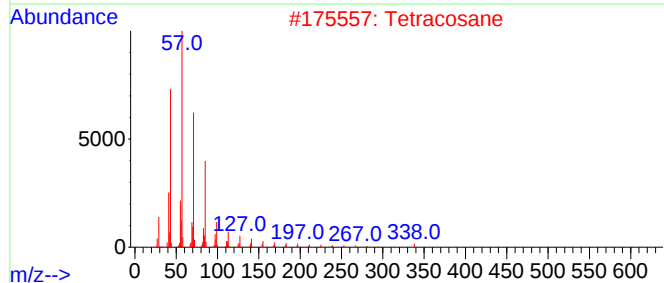
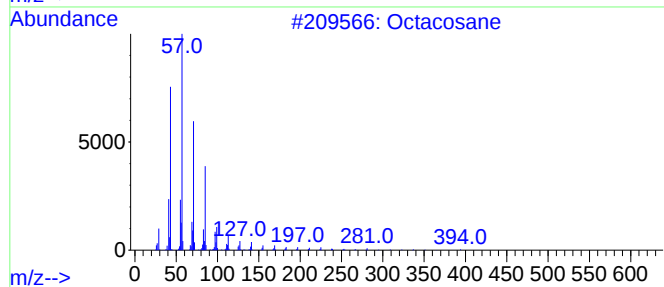
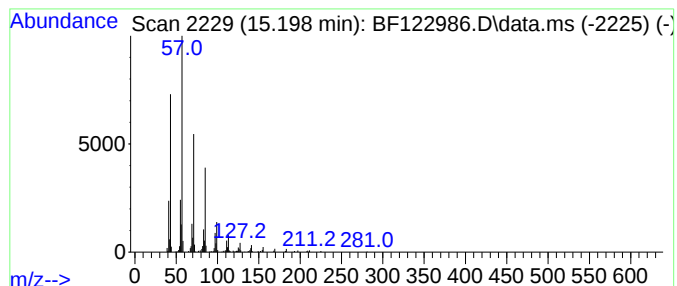
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	9.25 ng	351375	Perylene-d12	15.545

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			Tetratetracontane	619	C44H90	007098-22-8	91
4			Hexatriacontane	507	C36H74	000630-06-8	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

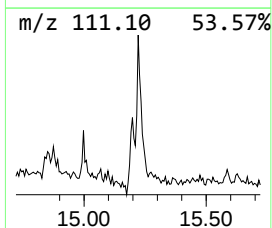
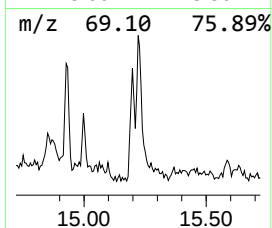
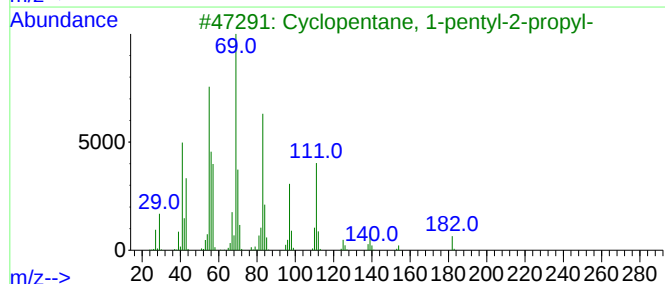
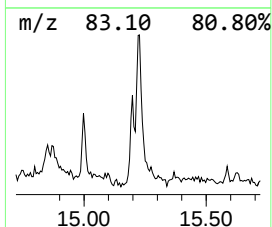
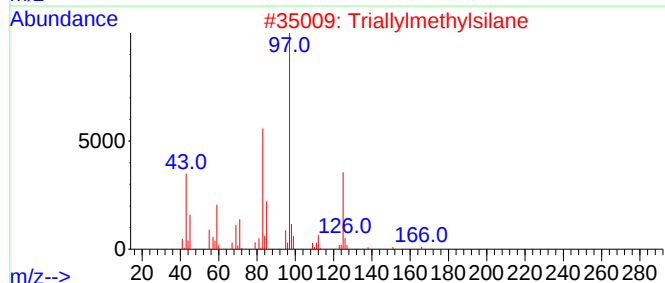
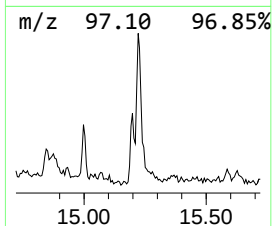
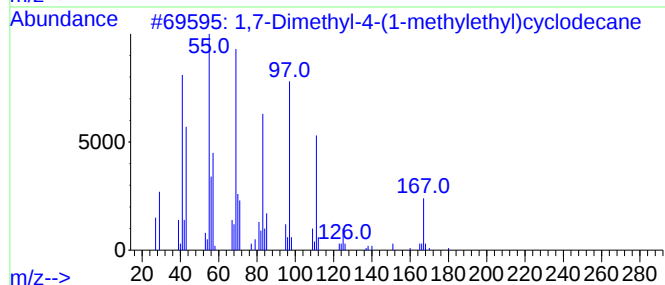
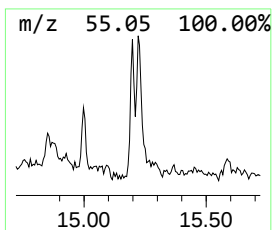
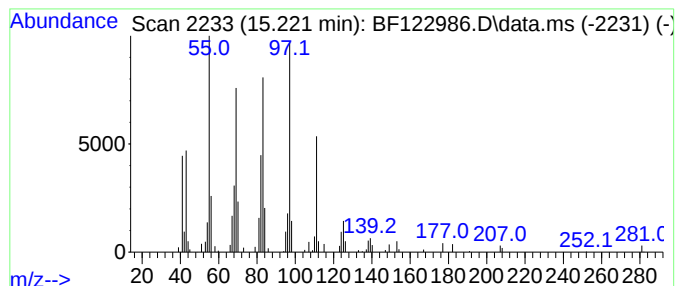
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	6.55 ng	248807	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
2			Triallylmethylsilane	166	C10H18Si	001112-91-0	38
3			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	30
4			Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	30
5			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

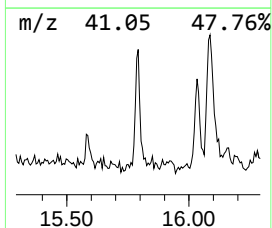
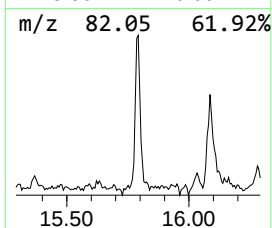
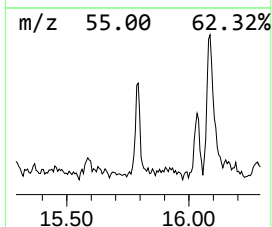
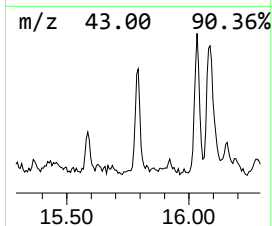
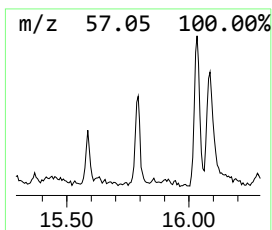
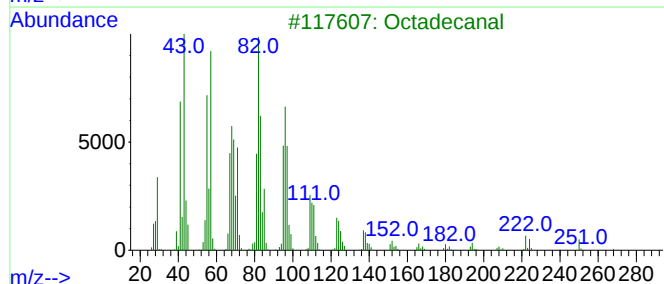
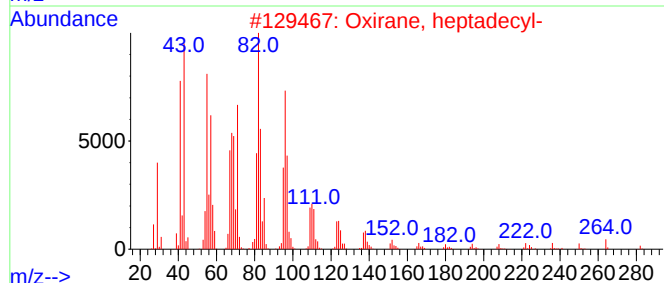
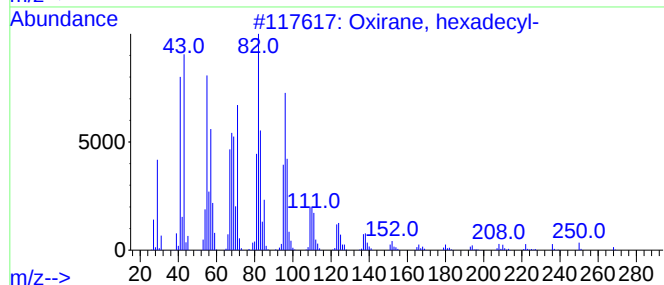
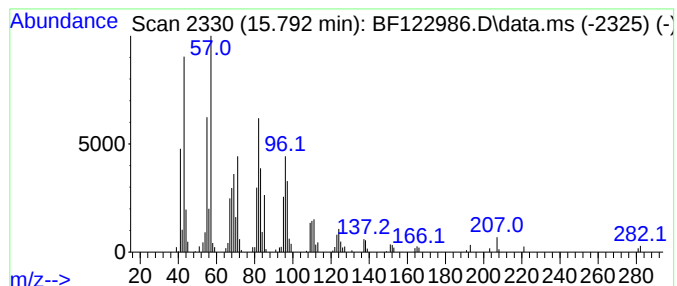
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	5.89 ng	223706	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Octadecanal	268	C18H36O	000638-66-4	83
4		Pentadecanal-	226	C15H30O	002765-11-9	83
5		1,19-Eicosadiene	278	C20H38	014811-95-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
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Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

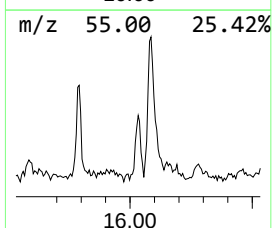
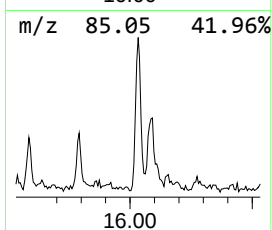
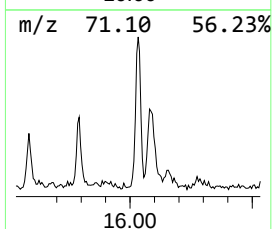
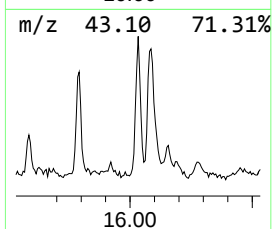
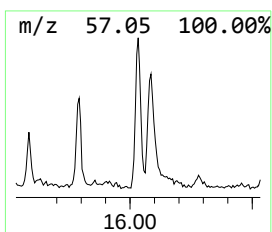
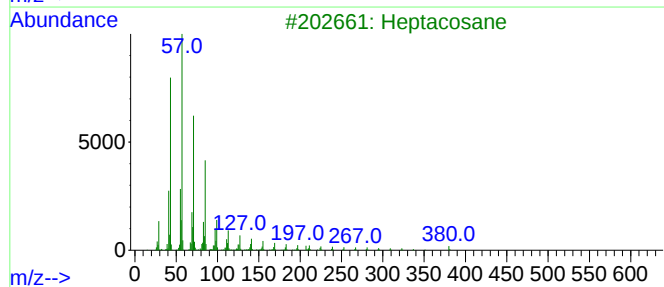
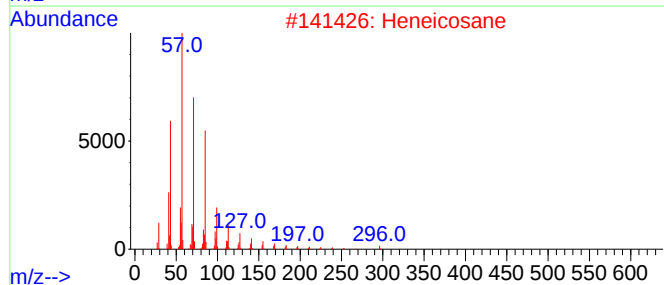
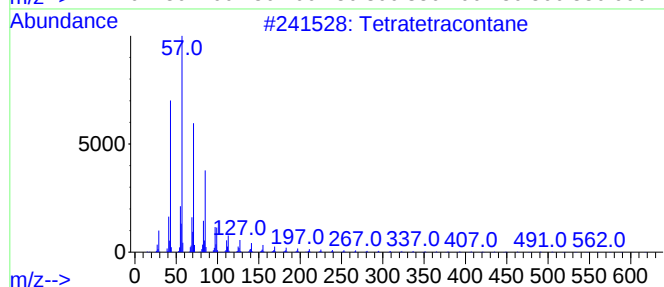
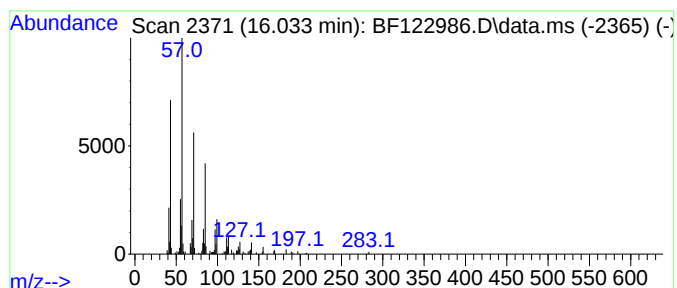
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	6.04 ng	229393	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

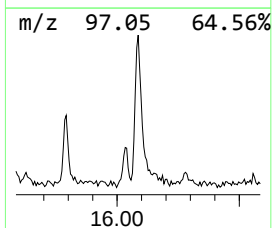
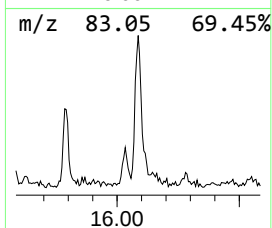
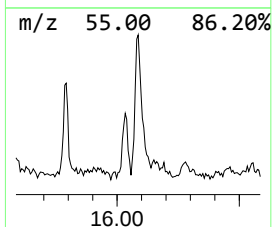
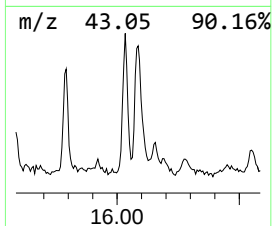
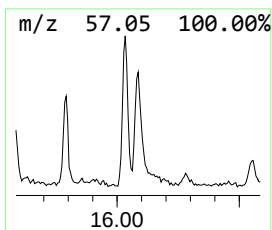
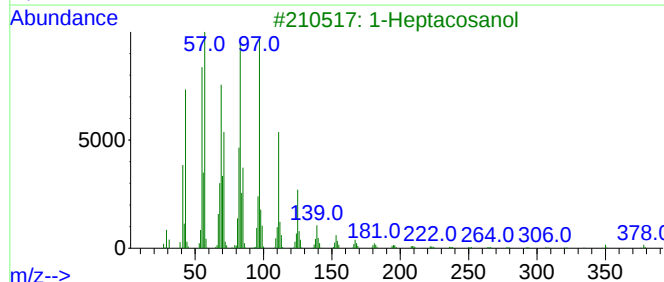
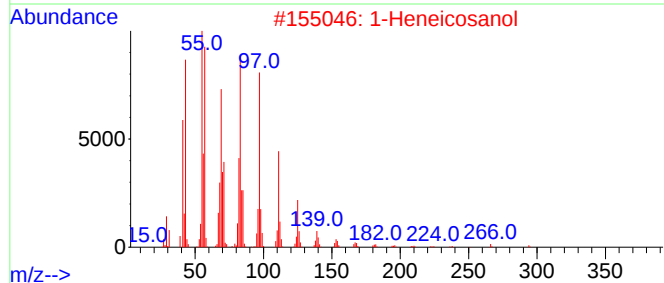
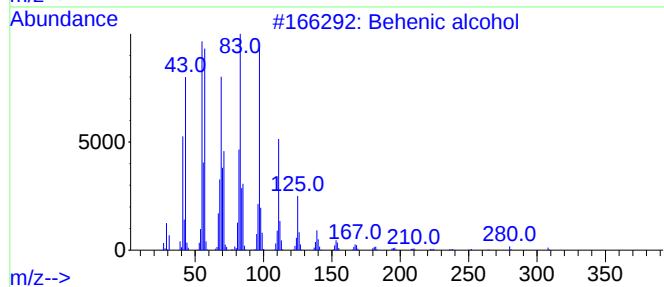
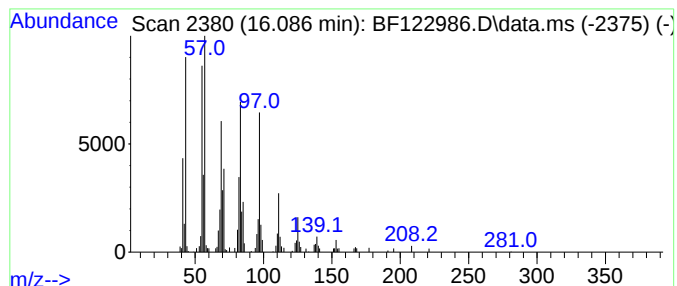
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	8.79 ng	334009	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			1-Heptacosanol	396	C27H56O	002004-39-9	91
4			1-Eicosanol	298	C20H42O	000629-96-9	91
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

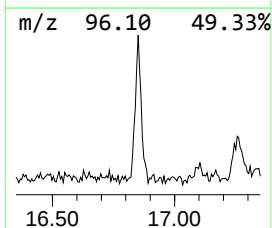
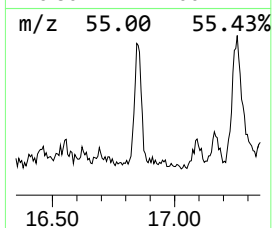
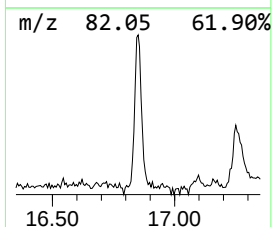
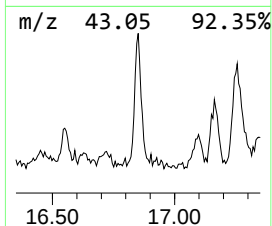
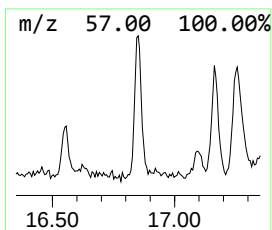
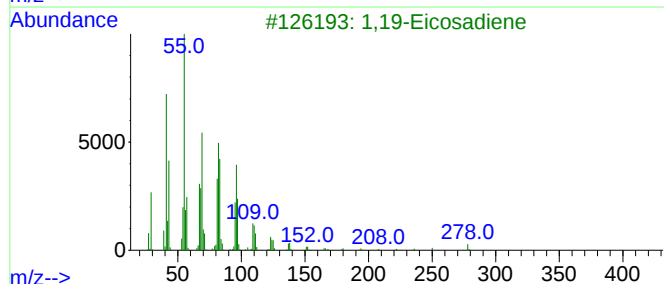
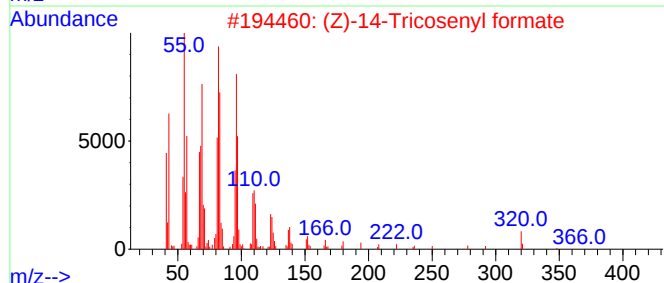
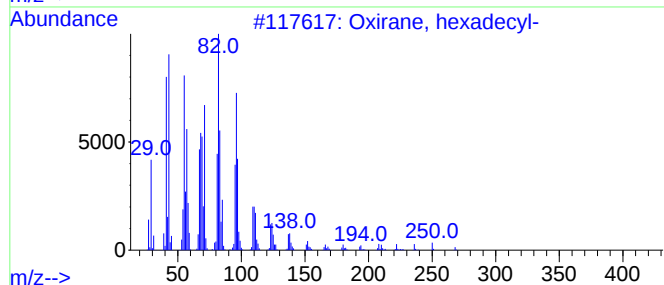
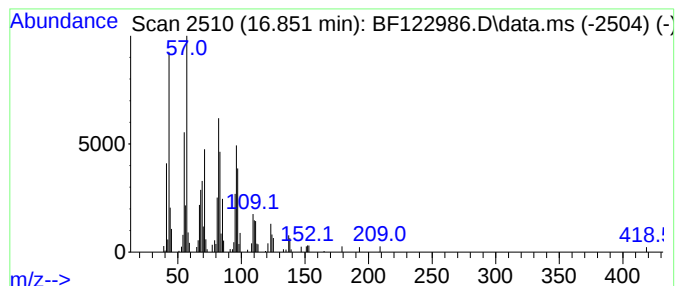
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	6.47 ng	245580	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
2			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	68
3			1,19-Eicosadiene	278	C20H38	014811-95-1	58
4			18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	53
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

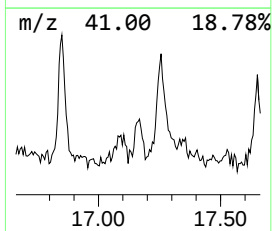
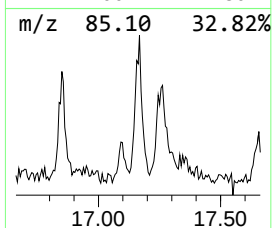
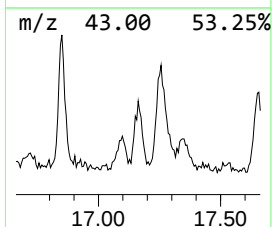
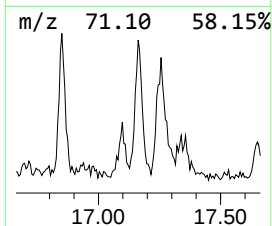
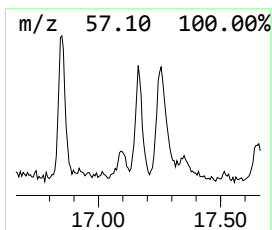
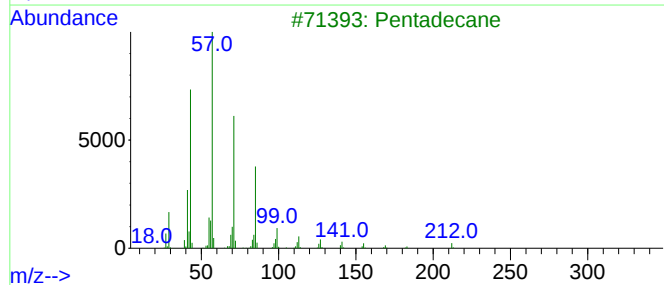
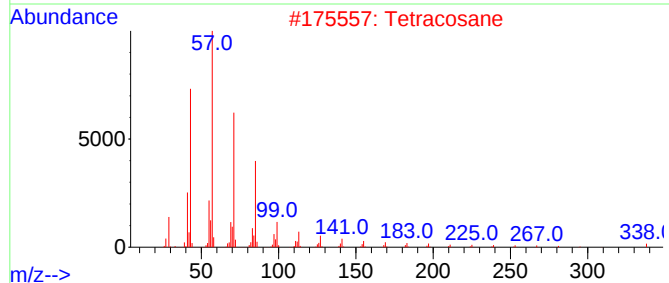
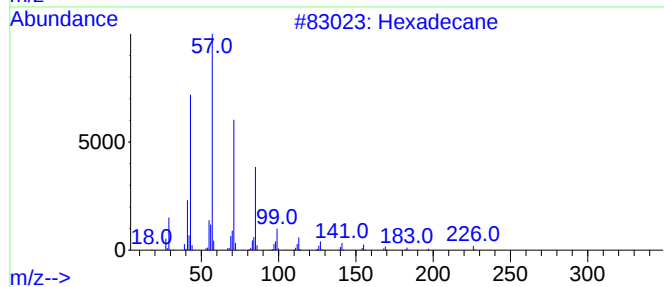
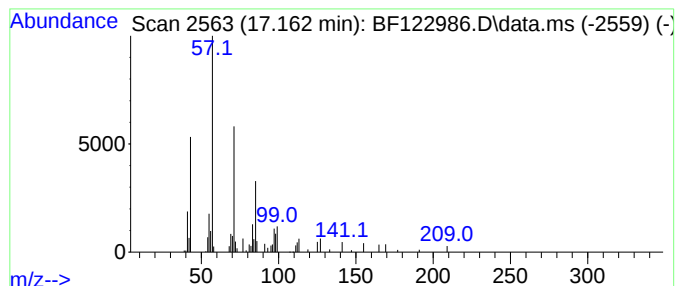
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.162	2.25 ng	85433	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	72
2			Tetracosane	338	C24H50	000646-31-1	72
3			Pentadecane	212	C15H32	000629-62-9	72
4			Octadecane	254	C18H38	000593-45-3	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
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Sample : M1100-02
Misc :
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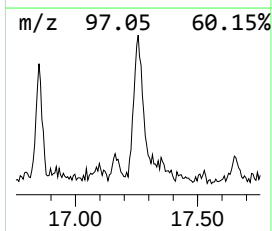
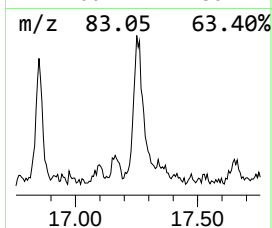
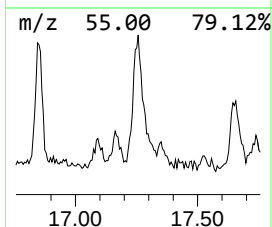
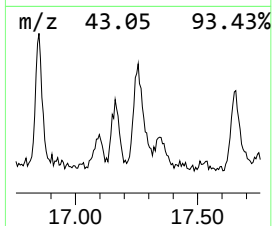
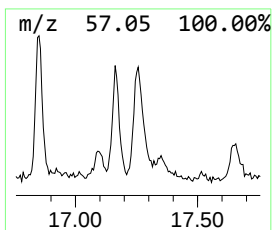
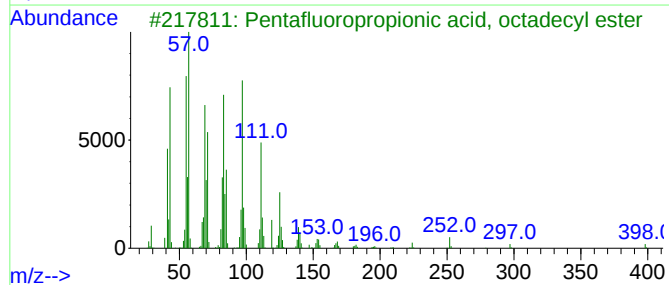
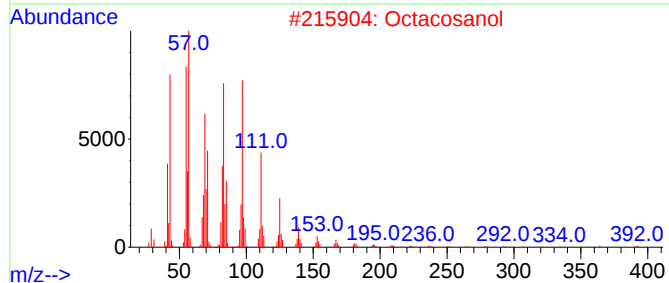
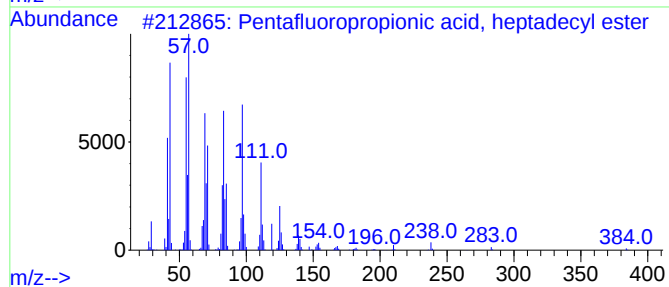
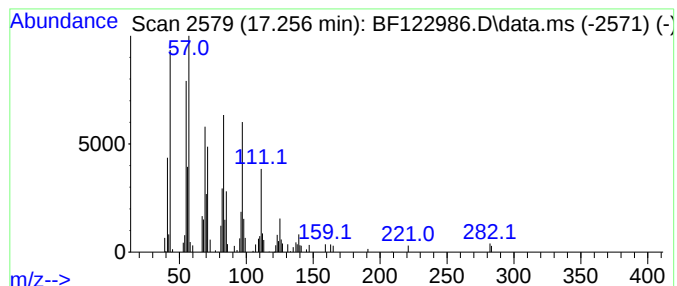
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.256	7.96 ng	302305	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

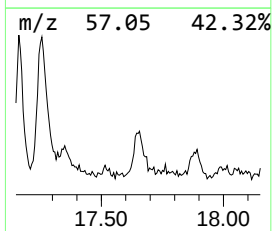
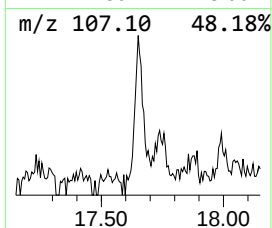
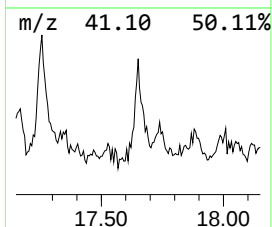
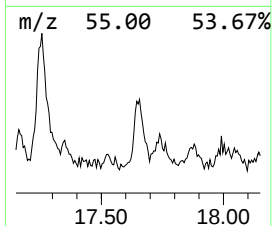
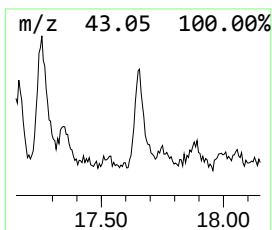
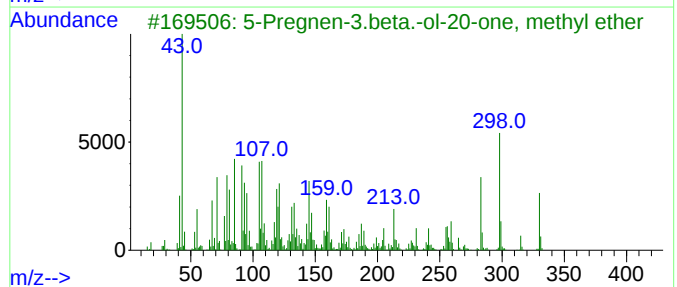
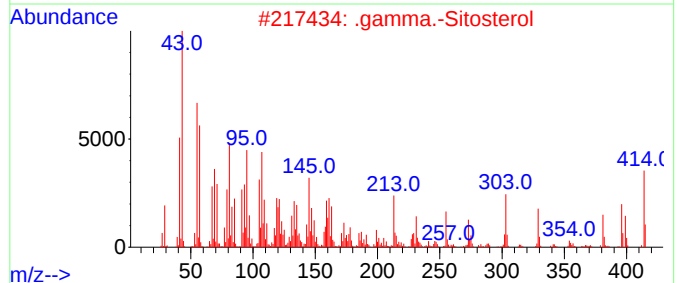
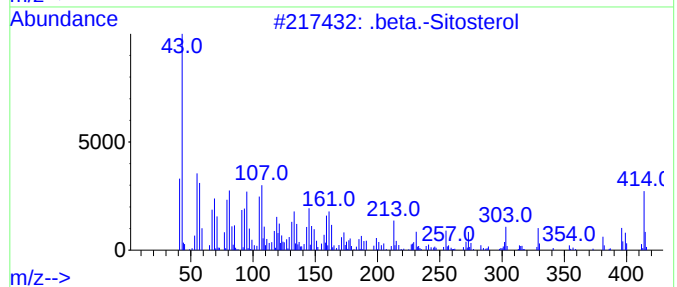
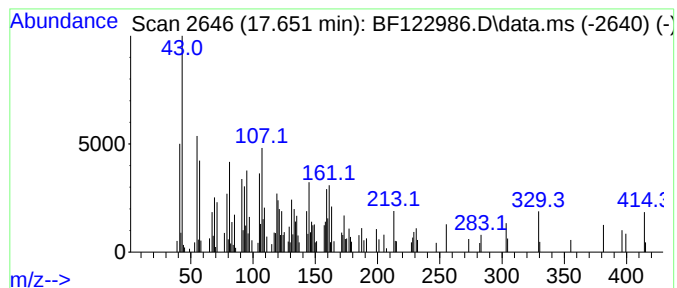
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	7.13 ng	270722	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Sitosterol	414	C29H50O	000083-46-5	95	
2	.	gamma.-Sitosterol	414	C29H50O	000083-47-6	68	
3	5-Pregnen-3.	beta.-ol-20-one, met...	330	C22H34O2	1000364-94-5	35	
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25		
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
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Misc :
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Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

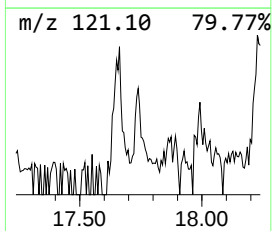
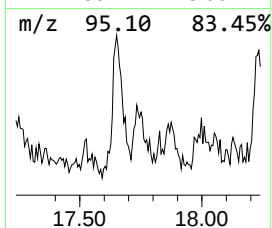
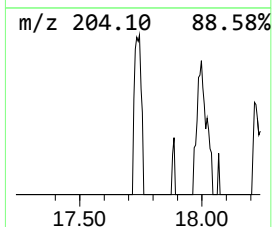
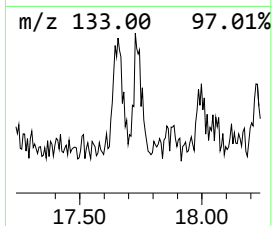
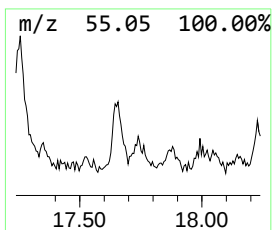
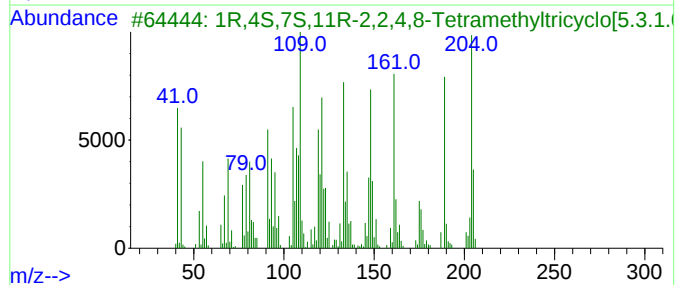
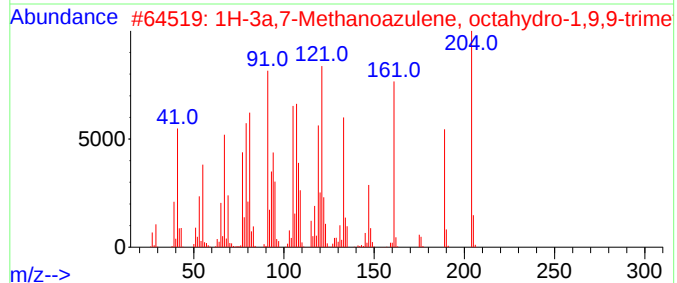
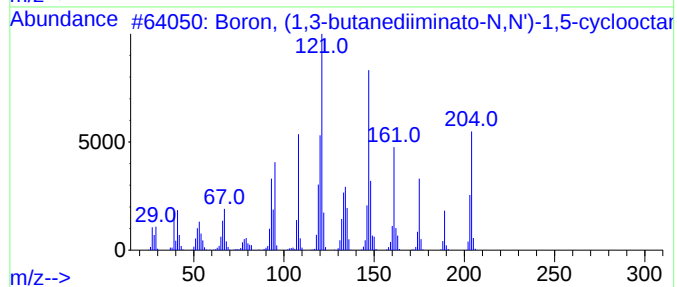
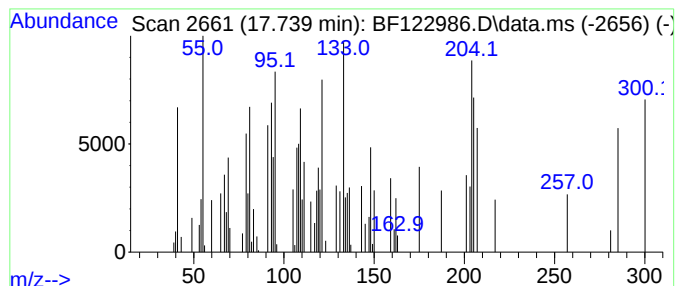
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.73 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	2.52 ng	95563	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Boron, (1,3-butanediiminato-N,N'...	204	C12H21BN2	136704-98-8	27
2			1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	27
3			1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	18
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	11
5			Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

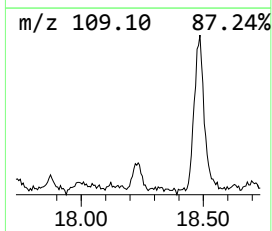
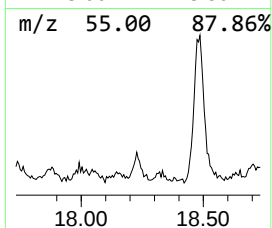
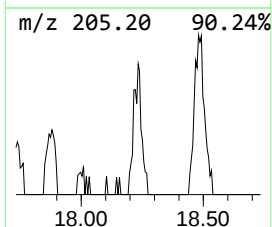
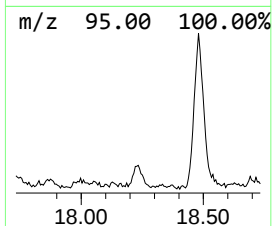
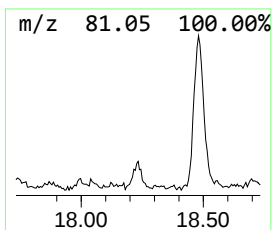
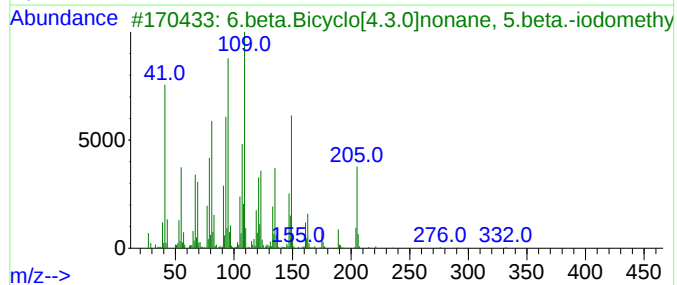
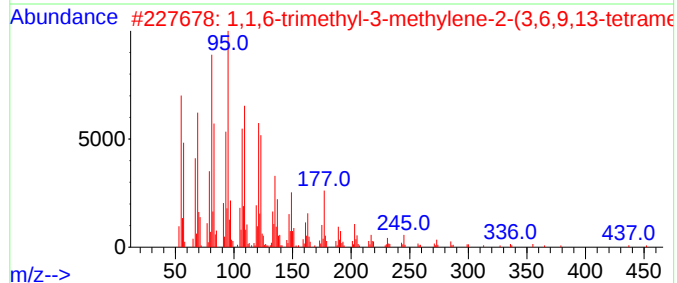
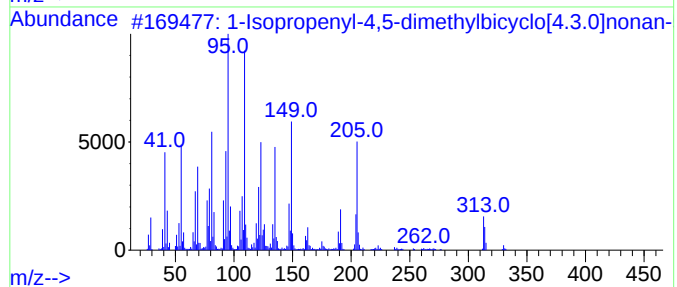
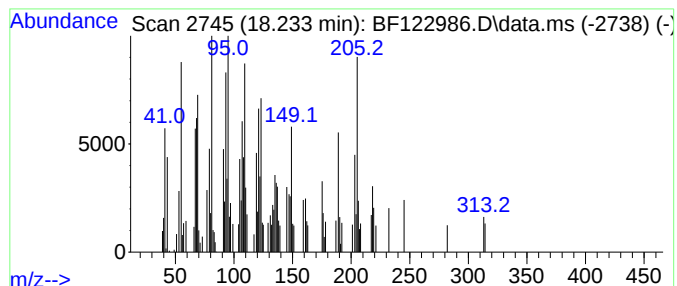
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	4.31 ng	163578	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	Isopropenyl-4,5-dimethylbicycl...	330	C21H30O5	1000195-85-4	49
2	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	43	
3	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	43	
4	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	43	
5	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	30	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

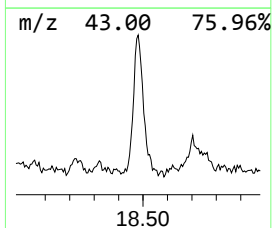
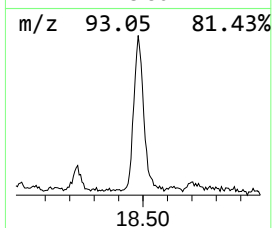
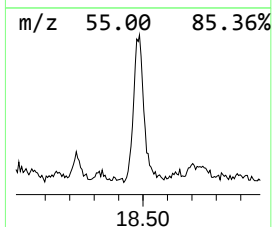
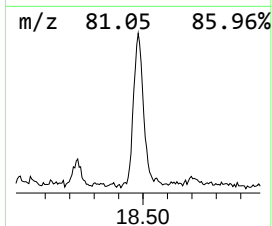
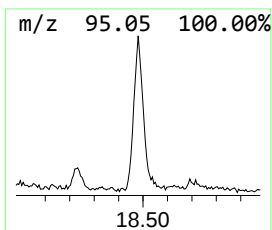
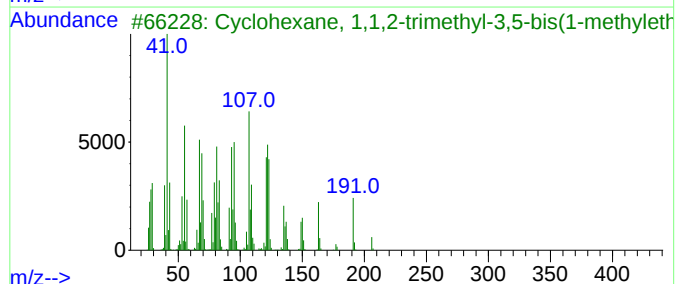
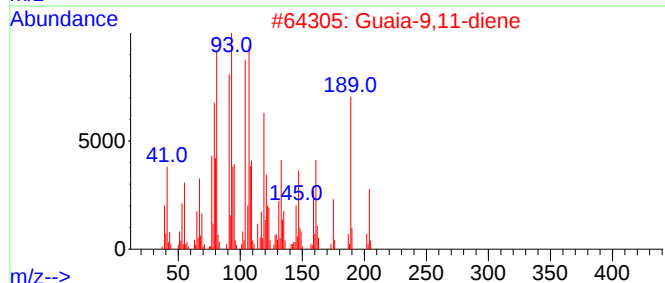
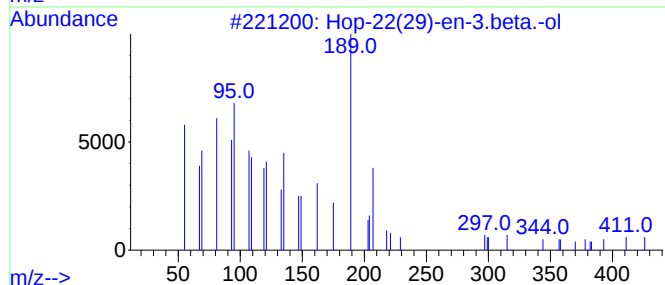
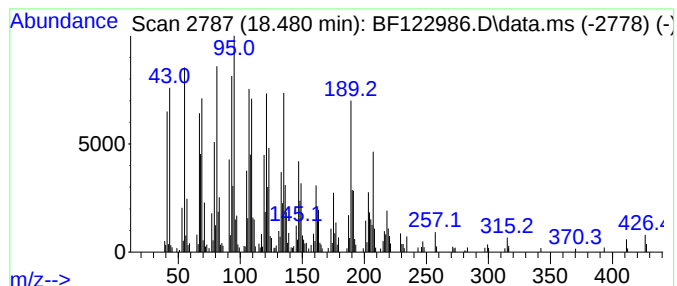
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	36.69 ng	1393660	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	93
2			Guaia-9,11-diene	204	C15H24	1000374-19-8	51
3			Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	50
4			1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	46
5			1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122986.D
Acq On : 18 Jan 2021 13:56
Operator : JU/CG
Sample : M1100-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TOPSOIL-RBF-ASHCROFT

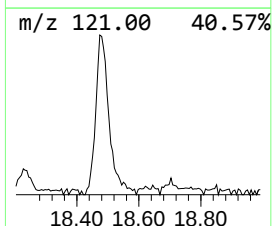
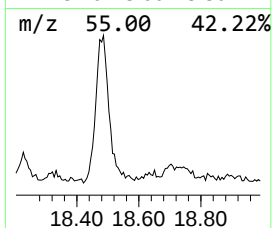
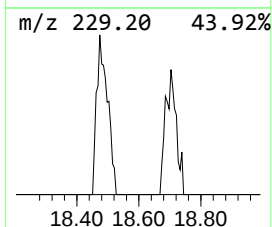
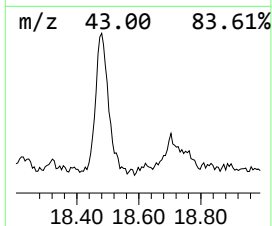
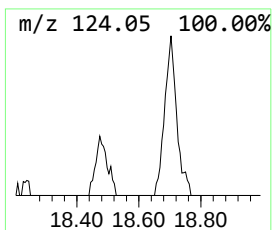
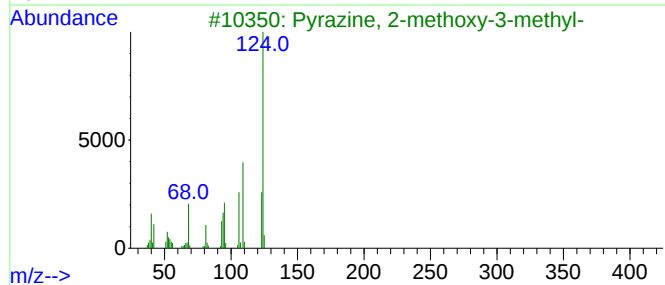
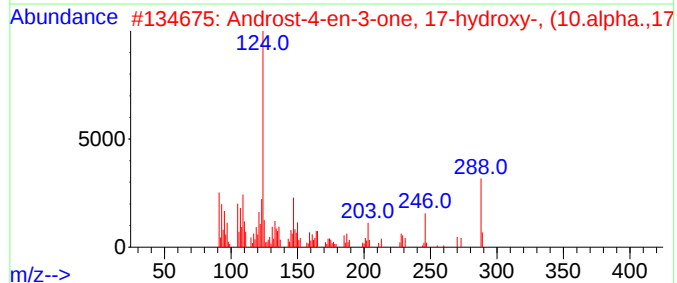
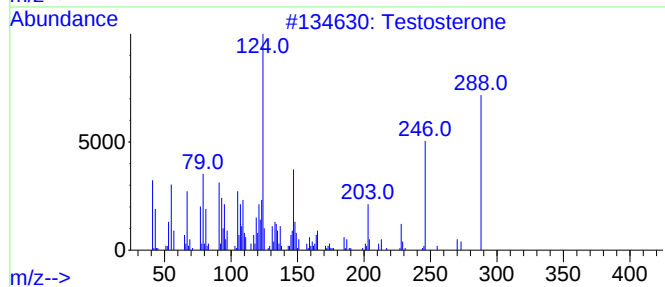
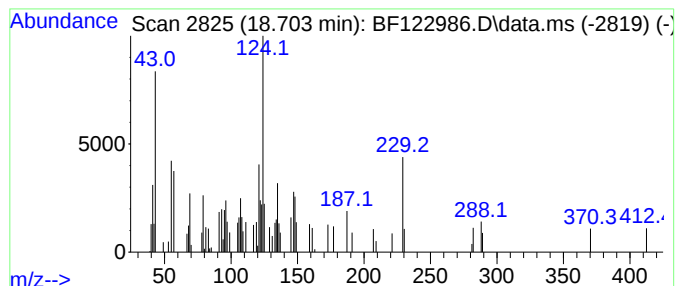
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.70 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.703	2.80 ng	106467	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Testosterone	288	C19H28O2	000058-22-0	45
2			Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	41
3			Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	22
4			2-Chloro-4-fluorobenzylamide	159	C7H7ClFN	1000343-00-9	22
5			Atropine	289	C17H23NO3	000051-55-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
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 Acq On : 18 Jan 2021 13:56
 Operator : JU/CG
 Sample : M1100-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.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...	2.199	10.4	ng	619705	1	6.892	1193670	20.0
n-Hexadecanoic ...	11.951	14.6	ng	1215810	4	11.422	1669510	20.0
Octadecanoic acid	12.733	6.4	ng	533955	4	11.422	1669510	20.0
Octadecyl trifl...	13.910	21.8	ng	1517660	5	14.063	1389560	20.0
Octacosyl trifl...	14.545	13.6	ng	941280	5	14.063	1389560	20.0
Octacosane	14.851	2.5	ng	96167	6	15.545	759691	20.0
Oxirane, heptad...	14.998	3.0	ng	113387	6	15.545	759691	20.0
Tetracosane	15.198	9.3	ng	351375	6	15.545	759691	20.0
unknown15.22	15.221	6.5	ng	248807	6	15.545	759691	20.0
Octadecanal	15.792	5.9	ng	223706	6	15.545	759691	20.0
Tetratetracontane	16.033	6.0	ng	229393	6	15.545	759691	20.0
Behenic alcohol	16.086	8.8	ng	334009	6	15.545	759691	20.0
Oxirane, hexade...	16.851	6.5	ng	245580	6	15.545	759691	20.0
Hexadecane	17.162	2.3	ng	85433	6	15.545	759691	20.0
Pentafluoroprop...	17.256	8.0	ng	302305	6	15.545	759691	20.0
.beta.-Sitosterol	17.651	7.1	ng	270722	6	15.545	759691	20.0
unknown17.73	17.739	2.5	ng	95563	6	15.545	759691	20.0
unknown18.23	18.233	4.3	ng	163578	6	15.545	759691	20.0
Hop-22(29)-en-3...	18.480	36.7	ng	1393660	6	15.545	759691	20.0
unknown18.70	18.703	2.8	ng	106467	6	15.545	759691	20.0