

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125852.D
 Acq On : 14 Oct 2021 19:13
 Operator : JU/CG
 Sample : M4056-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-B

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-BF100721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125852.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	495	505	513	rBV	39350	54179	1.20%	0.136%
2	5.451	567	572	575	rBV	3599947	3488603	77.50%	8.764%
3	6.457	738	743	746	rBV	3142898	3547293	78.80%	8.911%
4	6.834	803	807	810	rBV	1221817	988429	21.96%	2.483%
5	7.392	897	902	905	rBV	2511357	2260012	50.21%	5.677%
6	8.016	1004	1008	1016	rBV	277272	276860	6.15%	0.695%
7	8.110	1020	1024	1028	rBV	1633238	1383878	30.74%	3.476%
8	9.186	1202	1207	1210	rBV	4990807	4501378	100.00%	11.308%
9	9.245	1214	1217	1223	rVV3	49652	60116	1.34%	0.151%
10	9.304	1224	1227	1234	rVB4	44404	60180	1.34%	0.151%
11	9.528	1262	1265	1267	rBV	63973	55306	1.23%	0.139%
12	9.863	1314	1322	1325	rBV	1966743	1638445	36.40%	4.116%
13	9.892	1325	1327	1330	rVB	80963	59499	1.32%	0.149%
14	9.986	1340	1343	1346	rVB	116376	91484	2.03%	0.230%
15	10.022	1346	1349	1353	rVB	145071	127038	2.82%	0.319%
16	10.651	1448	1456	1459	rBV	2947828	2657752	59.04%	6.676%
17	10.686	1459	1462	1466	rVB3	56923	55434	1.23%	0.139%
18	10.769	1473	1476	1479	rBV	51260	51641	1.15%	0.130%
19	11.345	1570	1574	1577	rBV	1874553	1483348	32.95%	3.726%
20	11.580	1609	1614	1619	rBV5	31854	65619	1.46%	0.165%
21	11.874	1660	1664	1677	rBV	690841	654842	14.55%	1.645%
22	12.557	1776	1780	1781	rBV	66308	59284	1.32%	0.149%
23	12.580	1781	1784	1794	rVB2	145817	207978	4.62%	0.522%
24	12.657	1794	1797	1804	rBV	265067	267569	5.94%	0.672%
25	12.933	1839	1844	1847	rBV	3760683	3691608	82.01%	9.274%
26	13.163	1876	1883	1886	rBV4	88279	135316	3.01%	0.340%
27	13.686	1969	1972	1975	rBV	296478	230140	5.11%	0.578%
28	13.827	1993	1996	2004	rBV	411878	585300	13.00%	1.470%
29	13.980	2018	2022	2025	rBV	1185921	1059813	23.54%	2.662%
30	14.045	2030	2033	2038	rBV4	63857	100380	2.23%	0.252%
31	14.151	2048	2051	2057	rVB4	53928	76391	1.70%	0.192%
32	14.268	2069	2071	2075	rVB2	97776	78088	1.73%	0.196%
33	14.463	2099	2104	2116	rBV2	705333	1132214	25.15%	2.844%
34	14.668	2135	2139	2143	rBV2	86016	130223	2.89%	0.327%
35	14.780	2156	2158	2164	rVV6	49850	70323	1.56%	0.177%
36	14.833	2164	2167	2171	rVV	100362	100720	2.24%	0.253%

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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	14.898	2175	2178	2184	rVB	311864	311948	6.93%	0.784%
38	15.092	2207	2211	2213	rBV	866734	911076	20.24%	2.289%
39	15.121	2213	2216	2222	rVB	427014	651211	14.47%	1.636%
40	15.433	2264	2269	2272	rBV	908613	1117108	24.82%	2.806%
41	15.668	2304	2309	2313	rBV	364982	479617	10.65%	1.205%
42	15.898	2343	2348	2354	rBV	761594	1108087	24.62%	2.784%
43	15.957	2354	2358	2365	rBV2	212707	445068	9.89%	1.118%
44	16.133	2385	2388	2391	rBV4	62017	94680	2.10%	0.238%
45	16.398	2429	2433	2438	rVB2	54092	75530	1.68%	0.190%
46	16.686	2477	2482	2491	rVB	277448	481037	10.69%	1.208%
47	16.915	2518	2521	2527	rVB5	81082	144675	3.21%	0.363%
48	16.986	2527	2533	2540	rVB	181965	372414	8.27%	0.936%
49	17.080	2542	2549	2557	rBV6	151029	468029	10.40%	1.176%
50	17.474	2609	2616	2627	rBV2	421263	1218010	27.06%	3.060%
51	18.280	2748	2753	2759	rBV9	38138	103738	2.30%	0.261%
52	18.480	2782	2787	2797	rVB4	128290	338855	7.53%	0.851%

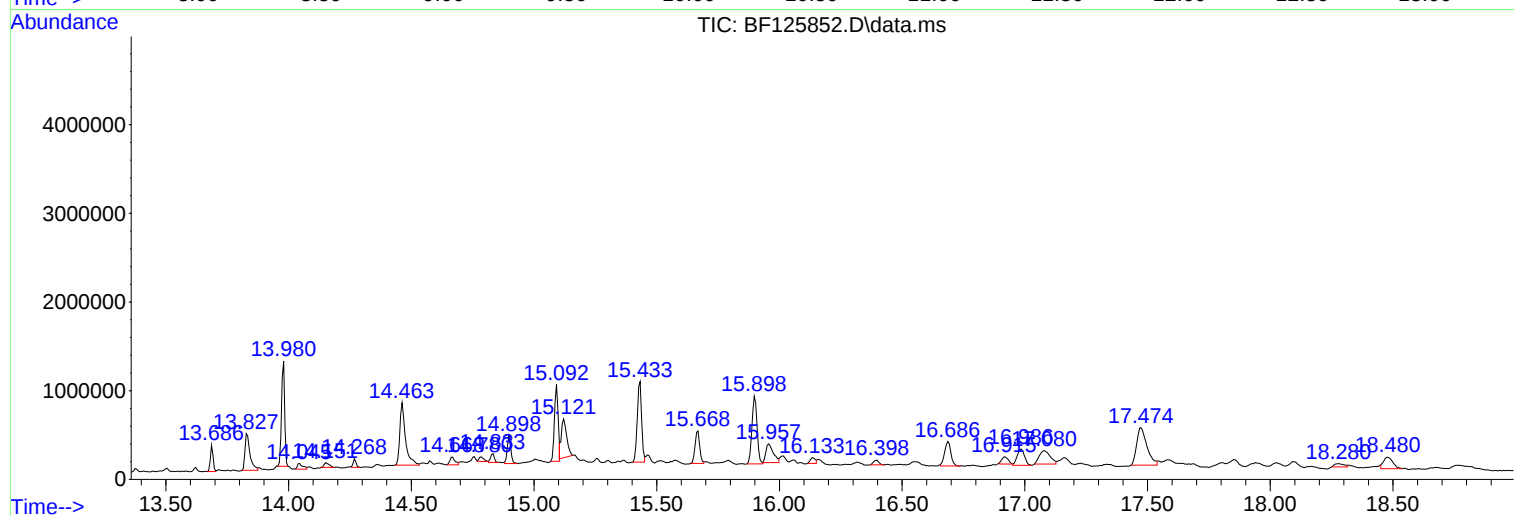
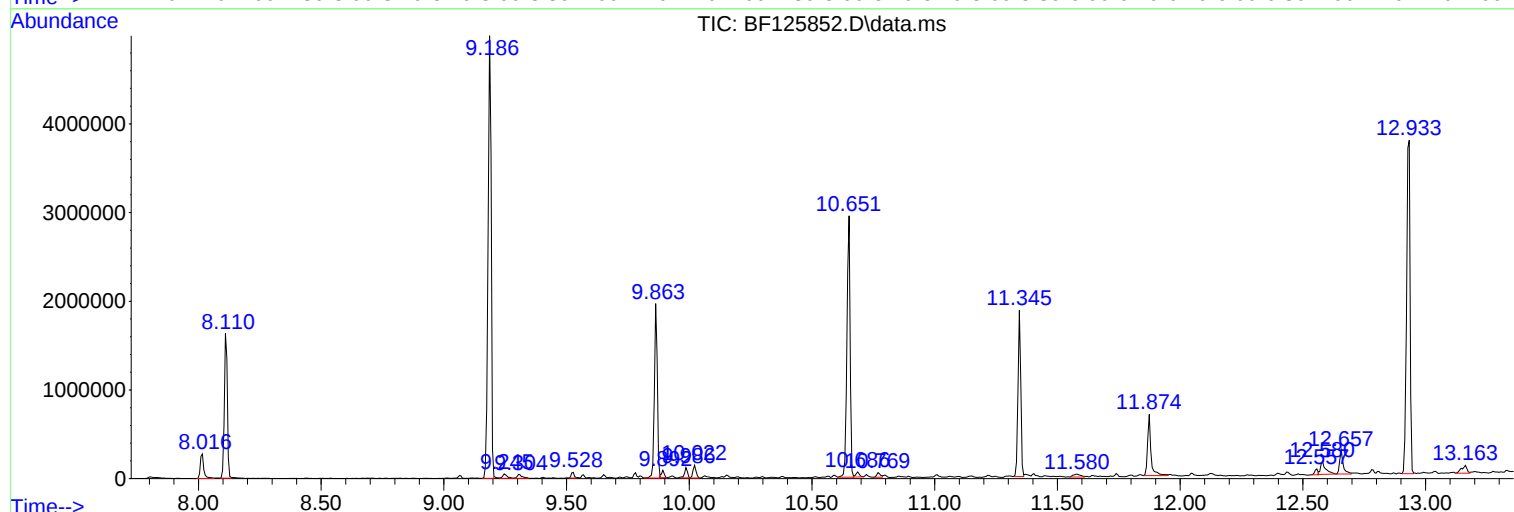
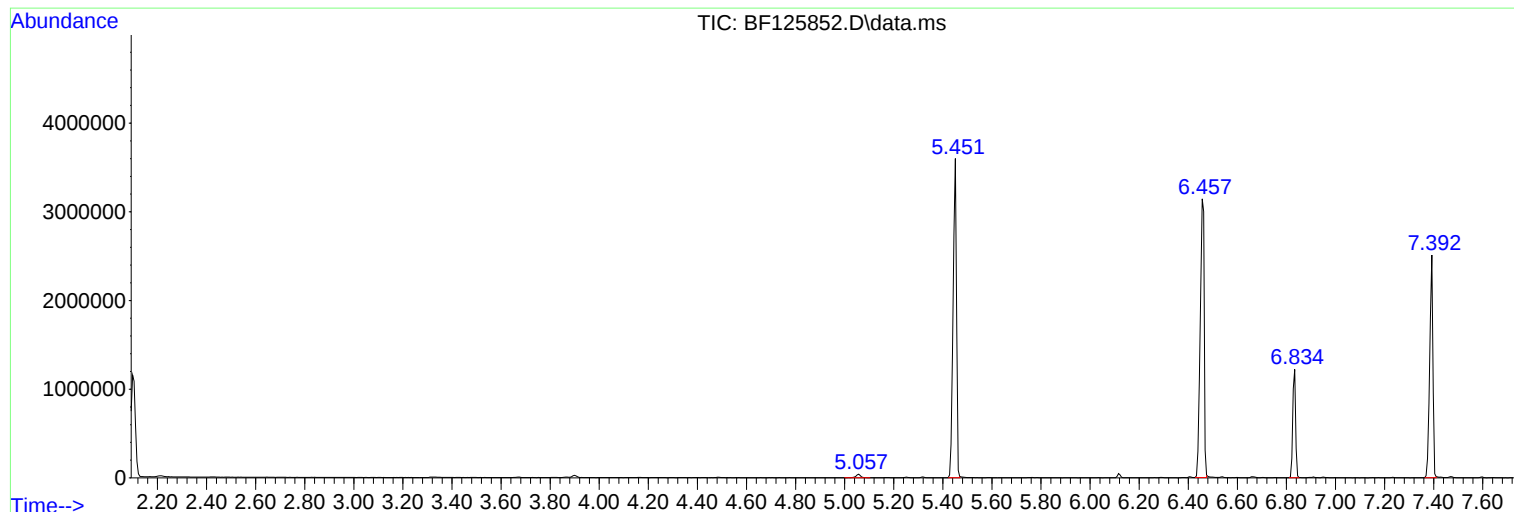
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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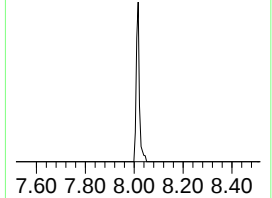
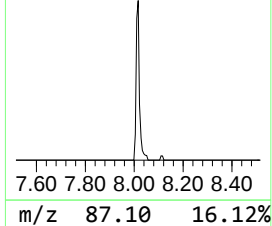
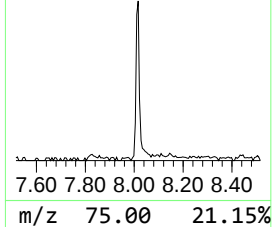
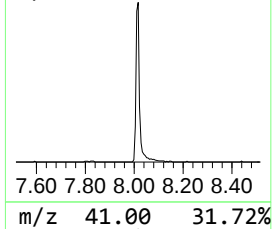
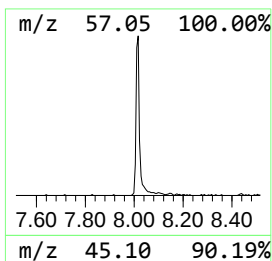
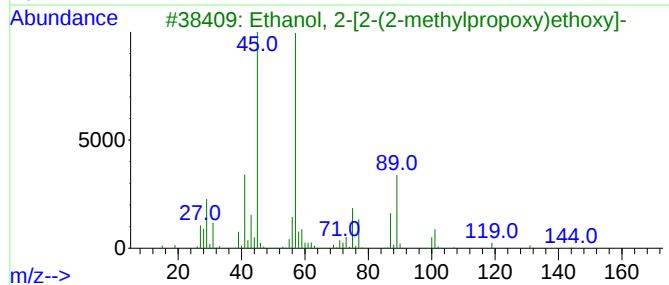
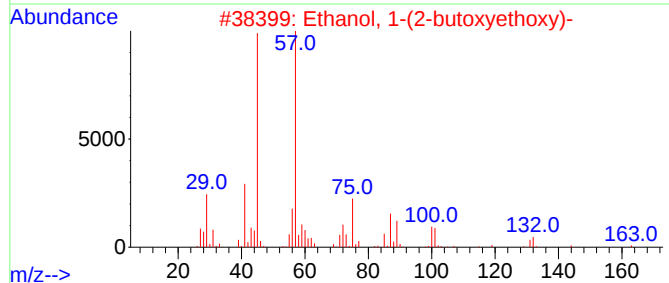
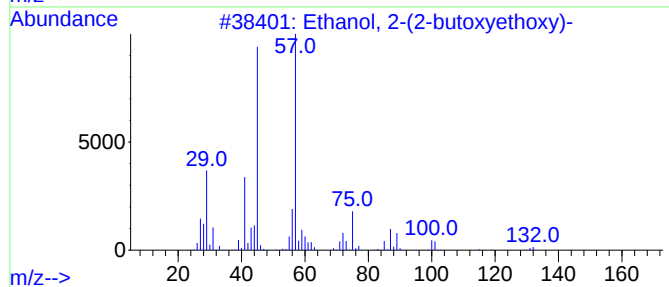
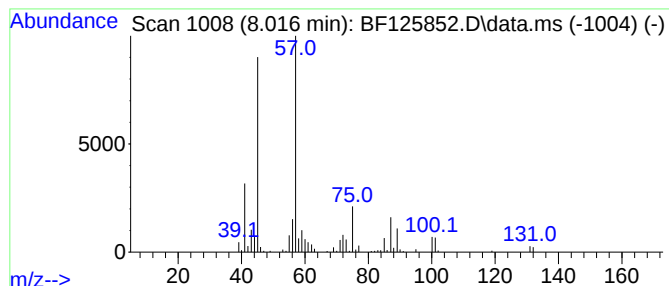
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	4.00 ng	276860	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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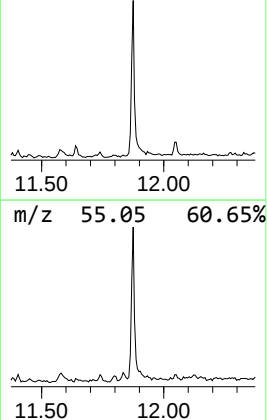
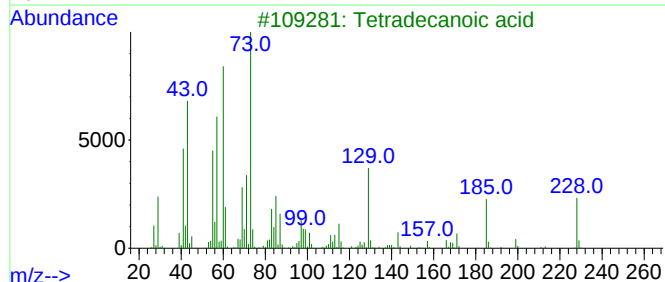
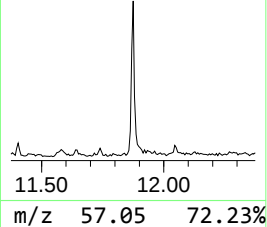
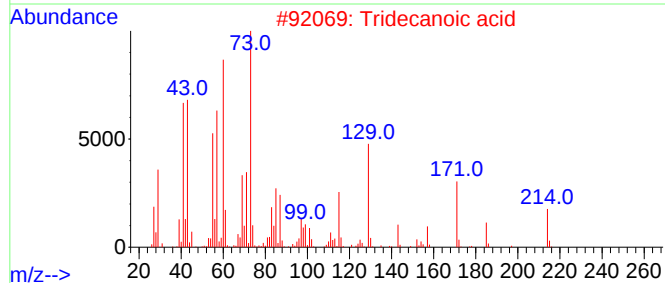
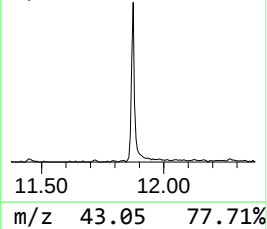
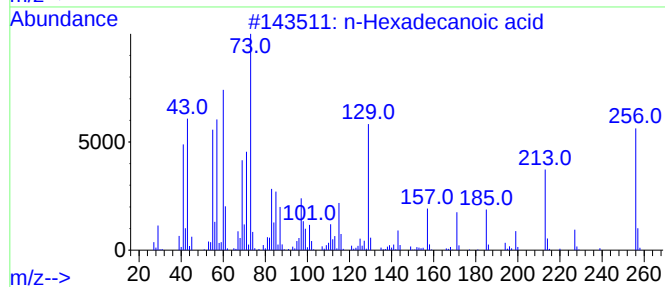
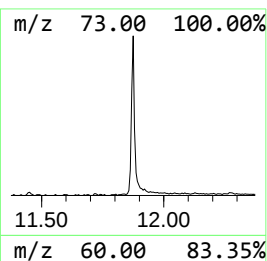
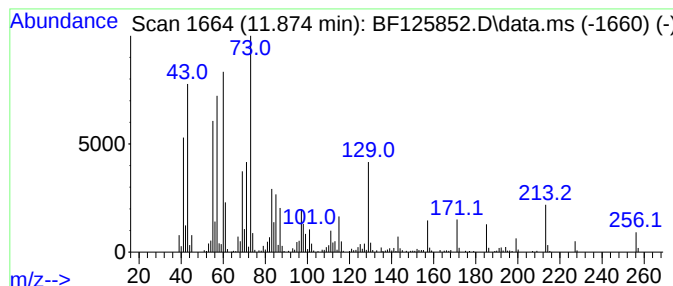
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	8.83 ng	654842	Phenanthrene-d10	11.345

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	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Undecanoic acid	186	C11H22O2	000112-37-8	83



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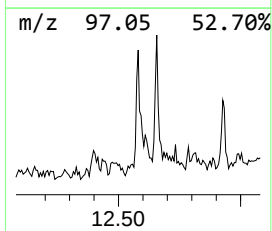
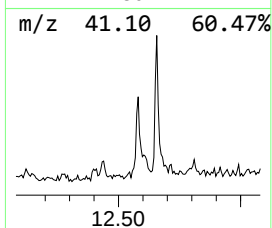
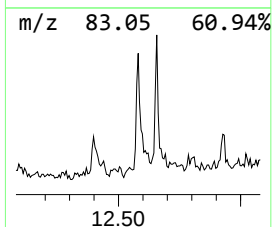
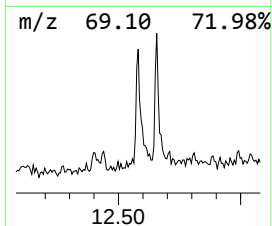
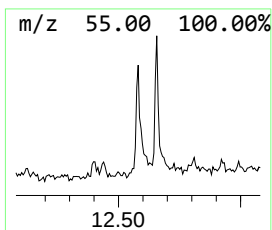
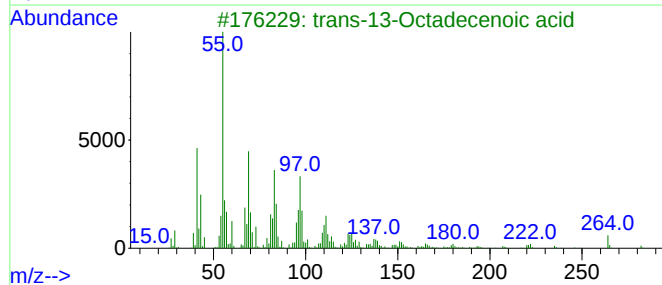
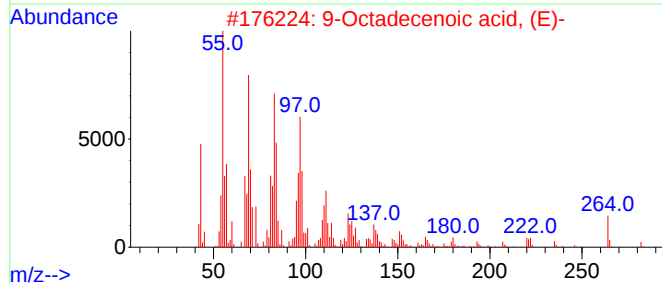
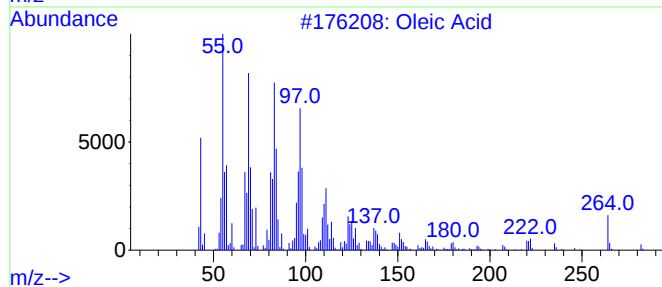
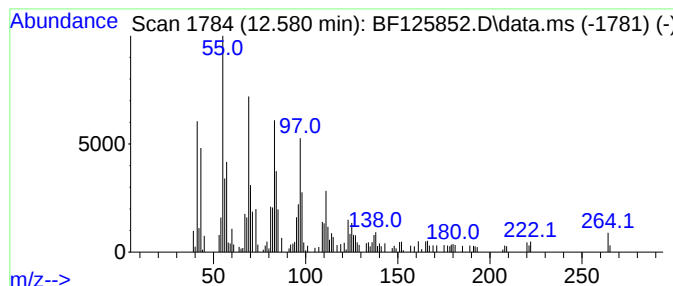
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Oleic Acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	2.80 ng	207978	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oleic Acid	282	C18H34O2	000112-80-1	81
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	76
3			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	74
4			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	74
5			14-Pentadecenoic acid	240	C15H28O2	017351-34-7	58



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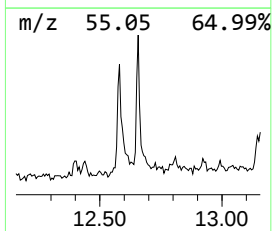
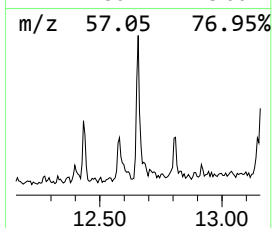
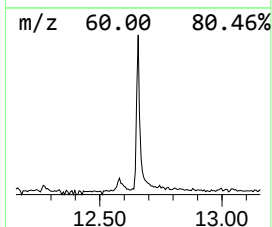
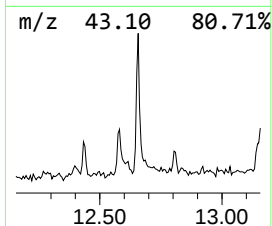
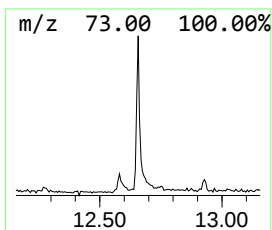
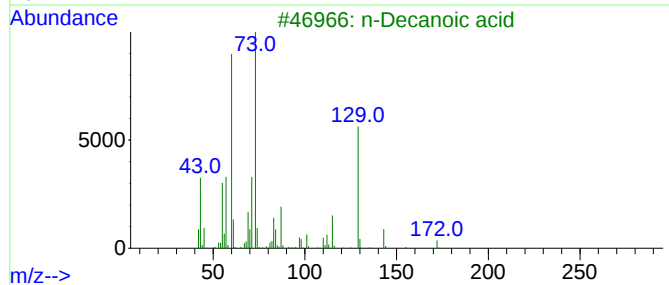
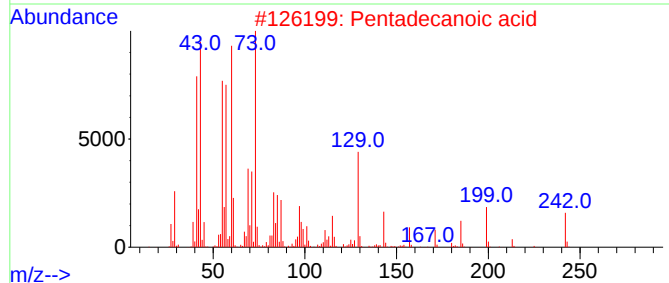
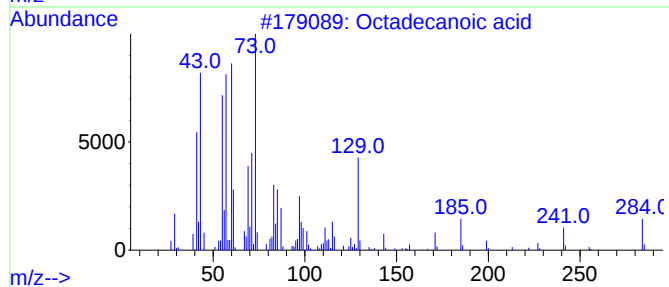
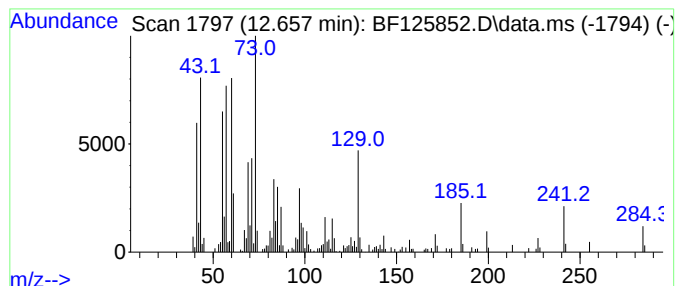
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	3.61 ng	267569	Phenanthrene-d10	11.345

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			n-Decanoic acid	172	C10H20O2	000334-48-5	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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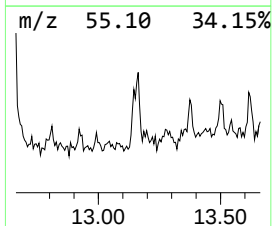
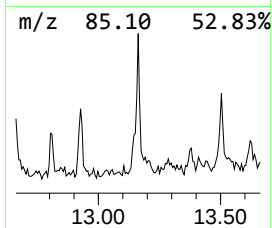
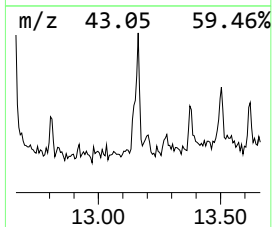
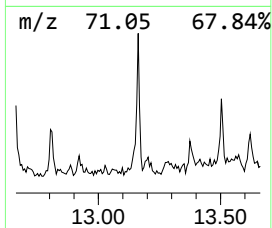
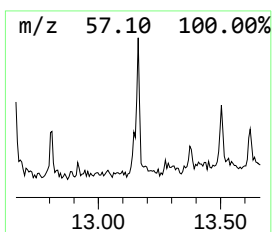
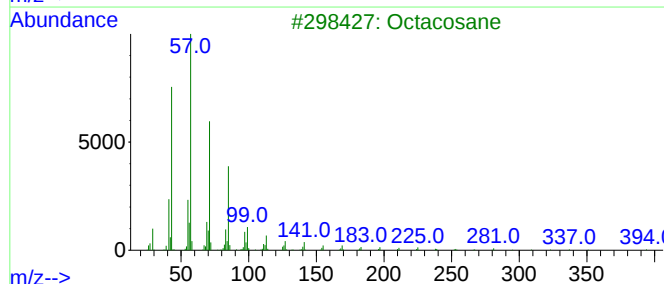
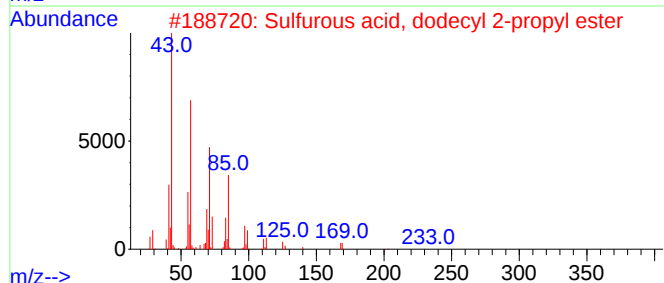
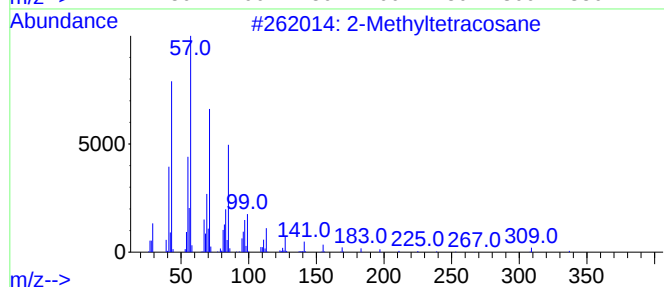
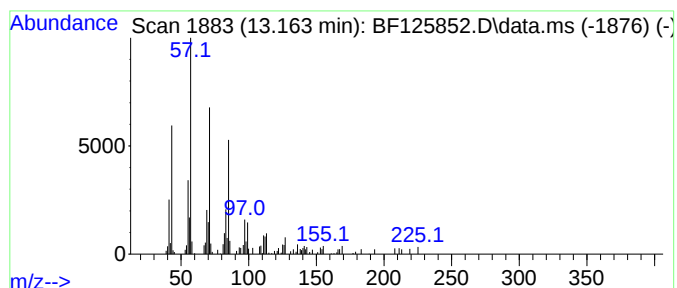
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ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Methyltetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.163	2.55 ng	135316	Chrysene-d12	13.980	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyltetracosane	352	C25H52	001560-78-7	91
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

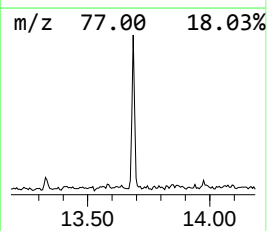
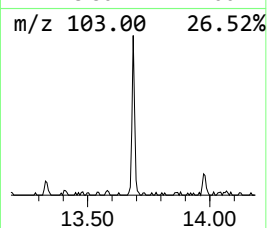
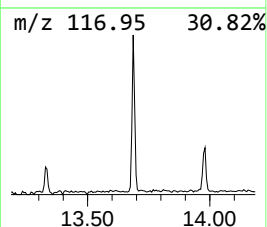
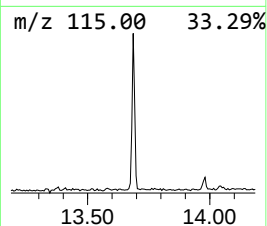
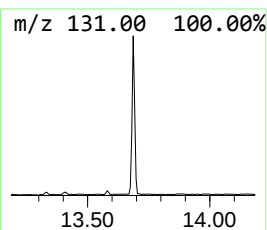
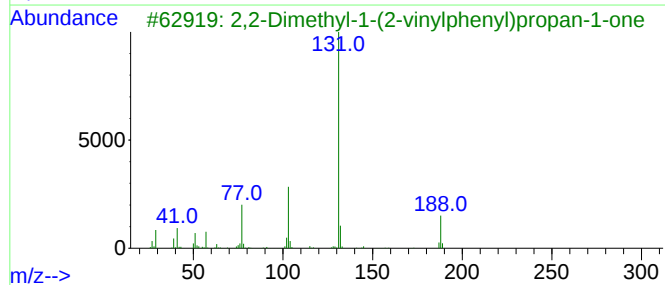
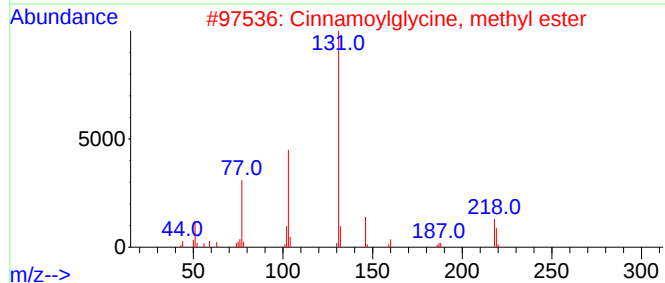
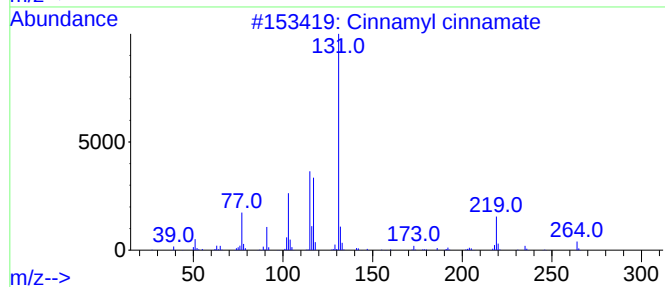
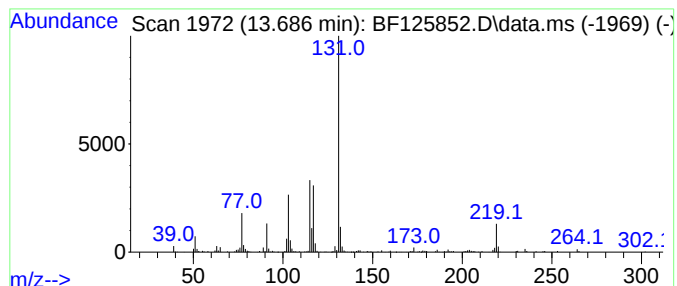
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cinnamyl cinnamate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	4.34 ng	230140	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2			Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	50
3			2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
4			N-(3-Chlorophenyl)-3-phenyl-2-pr...	353	C17H11ClF3NO2	1000492-37-1	47
5			2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

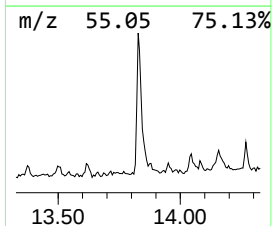
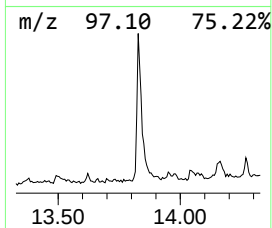
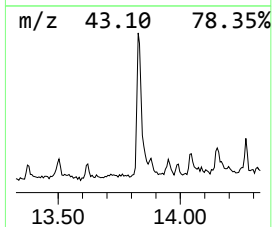
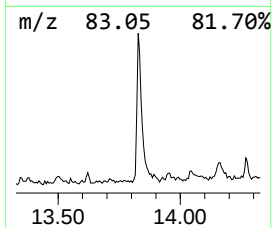
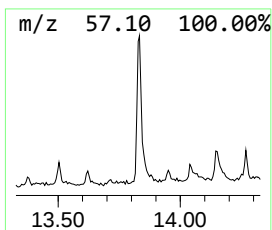
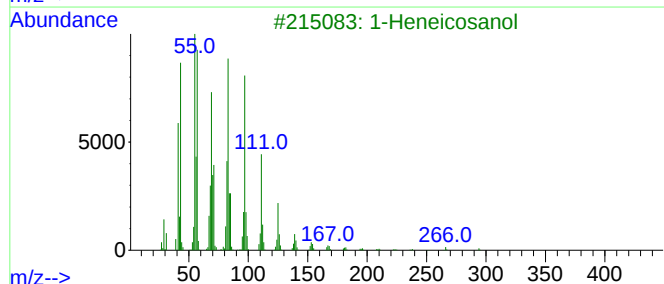
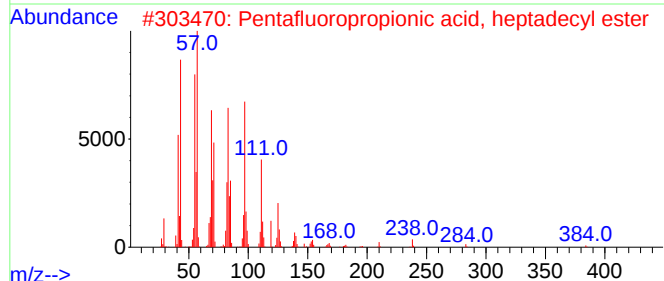
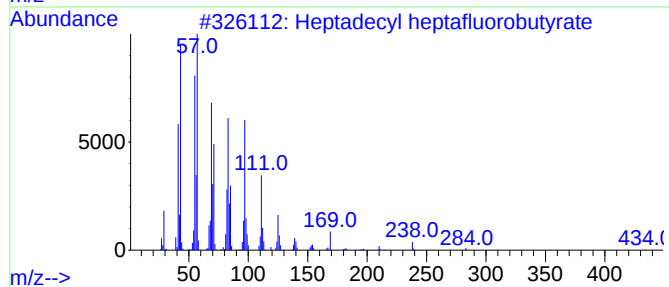
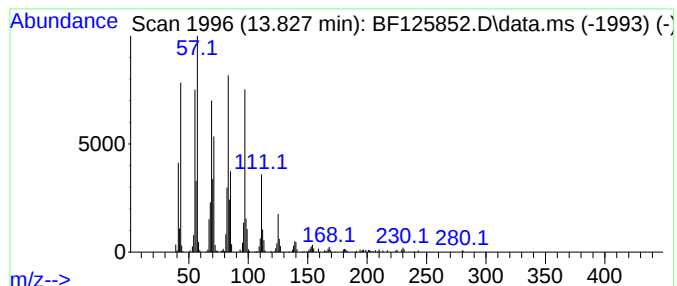
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	11.05 ng	585300	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

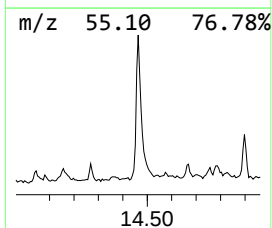
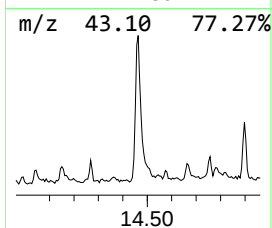
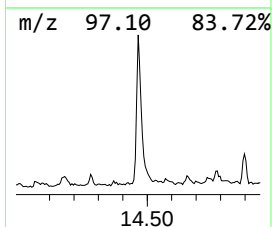
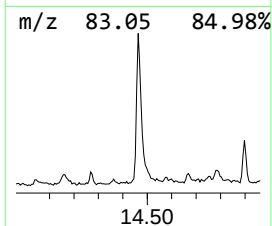
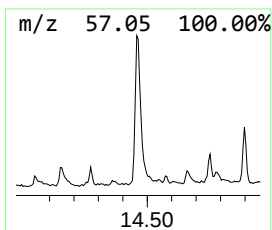
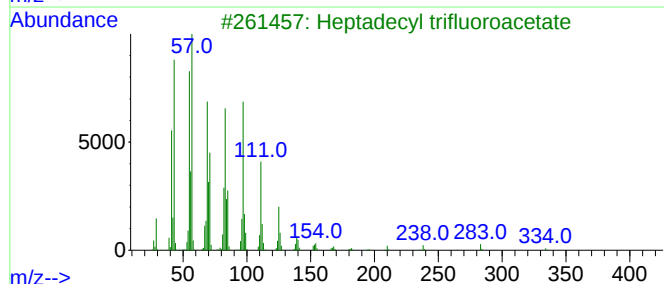
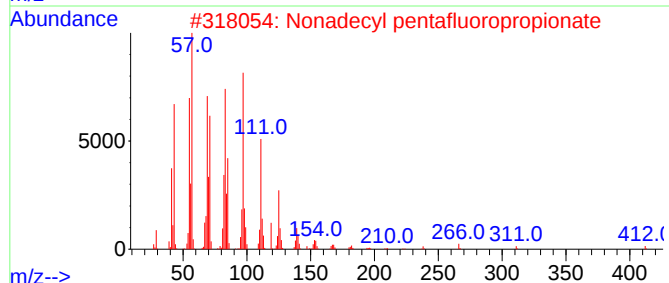
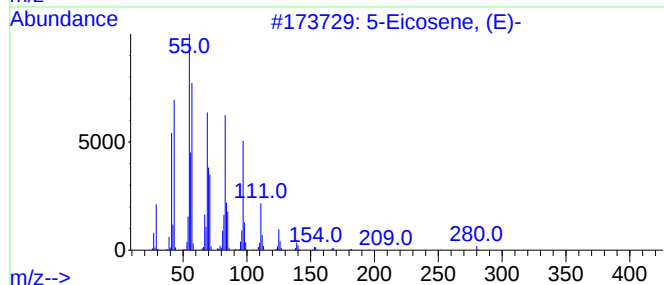
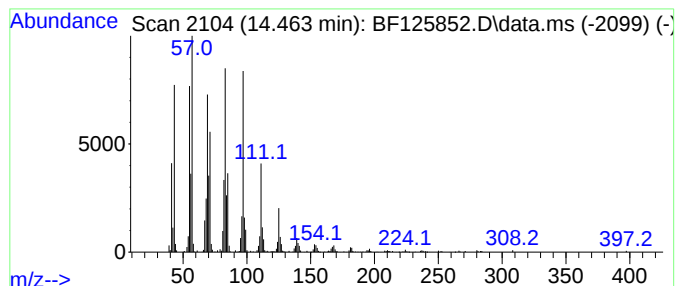
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ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.463	21.37 ng	1132210	Chrysene-d12		13.980	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	97
2	Nonadecyl pentafluoropropionate		430	C22H39F5O2	1000351-88-8	94
3	Heptadecyl trifluoroacetate		352	C19H35F3O2	1010351-87-0	94
4	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
5	1-Heptacosanol		396	C27H56O	002004-39-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
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Operator : JU/CG
Sample : M4056-02
Misc :
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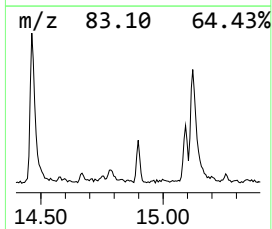
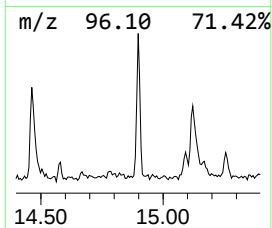
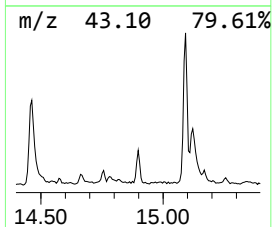
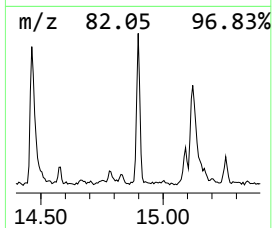
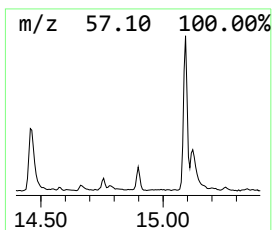
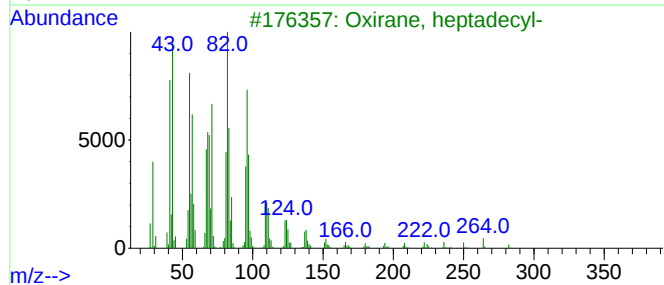
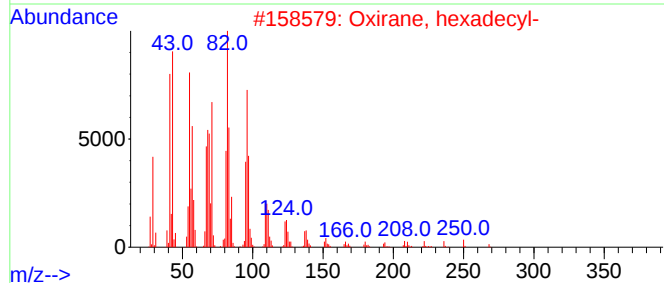
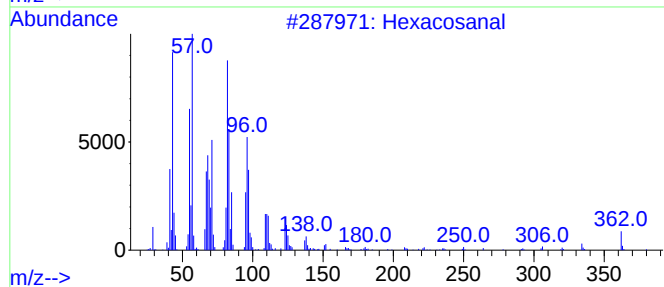
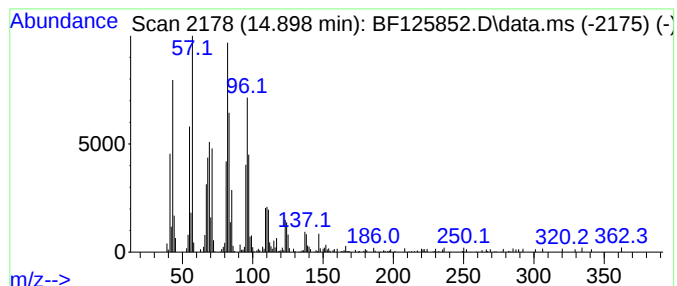
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.898	5.58 ng	311948	Perylene-d12	15.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Tetracosanal	352	C24H48O	057866-08-7	91
5	Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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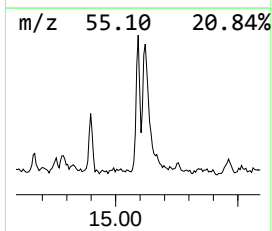
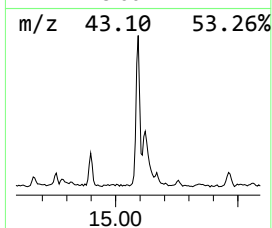
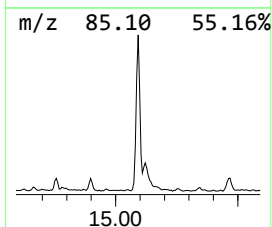
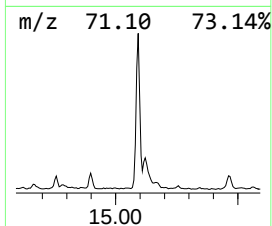
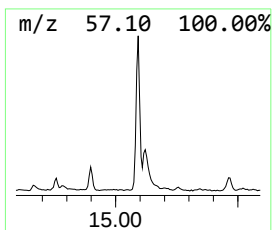
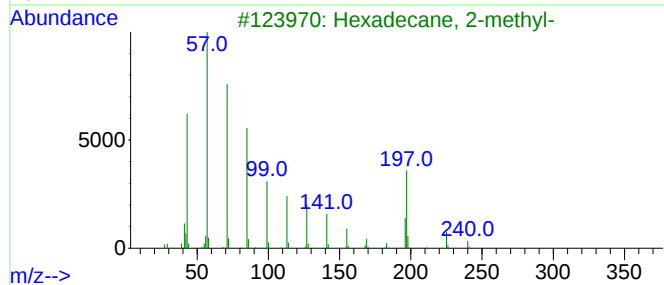
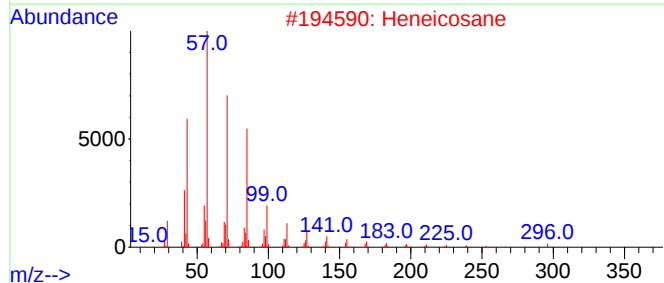
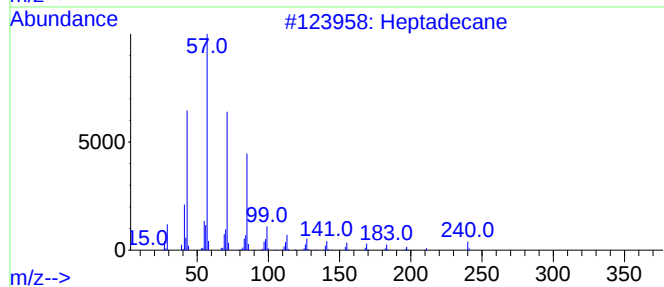
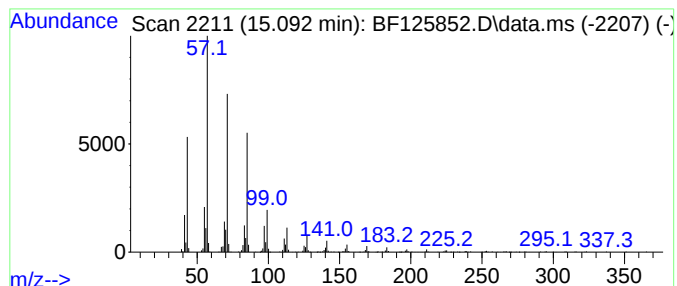
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	16.31 ng	911076	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

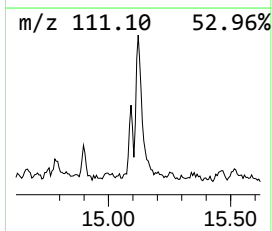
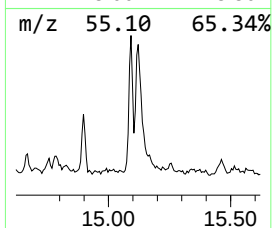
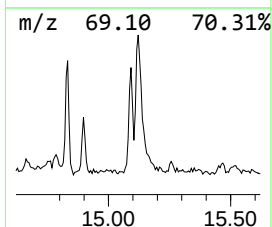
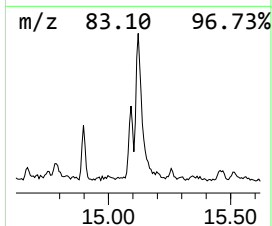
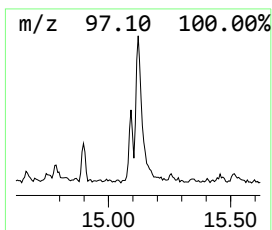
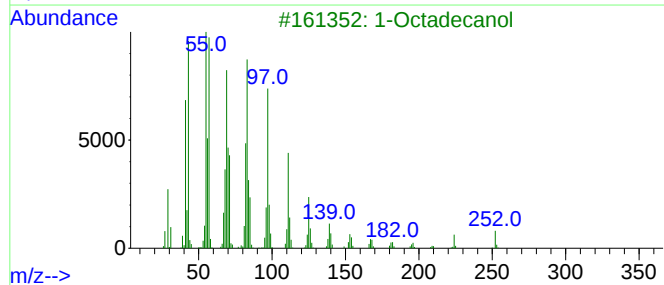
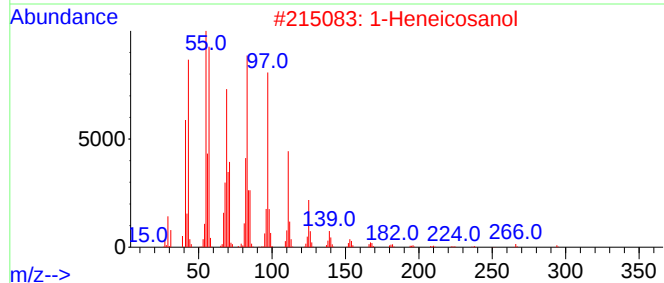
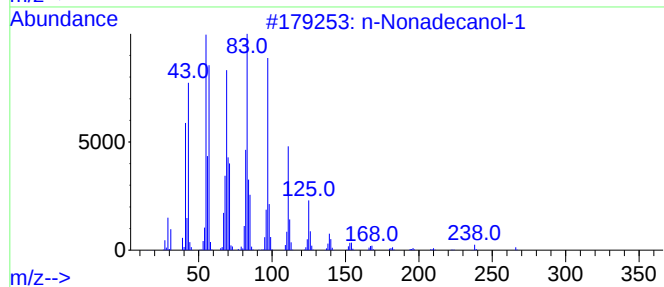
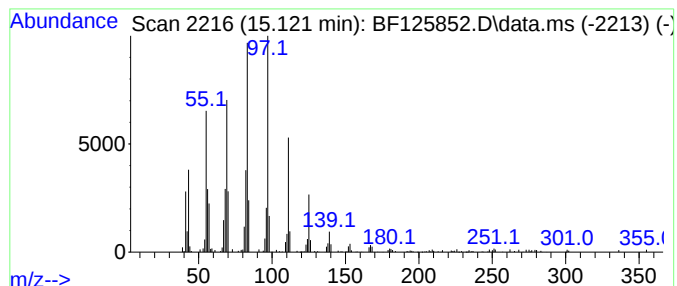
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	11.66 ng	651211	Perylene-d12	15.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Nonadecanol-1	284	C19H40O	001454-84-8	58
2		1-Heneicosanol	312	C21H44O	015594-90-8	49
3		1-Octadecanol	270	C18H38O	000112-92-5	49
4		1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	47
5		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
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Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

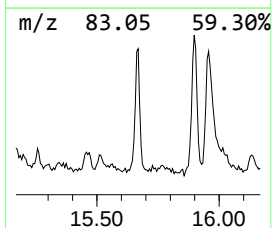
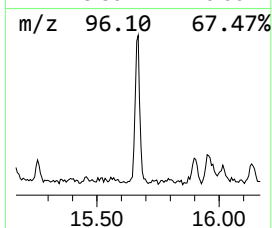
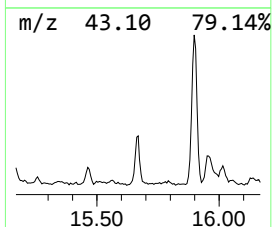
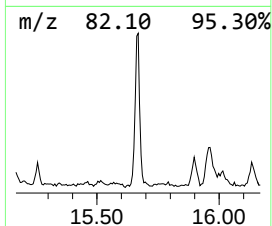
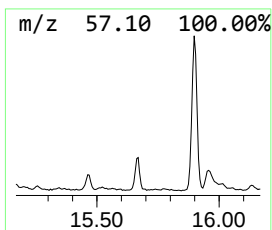
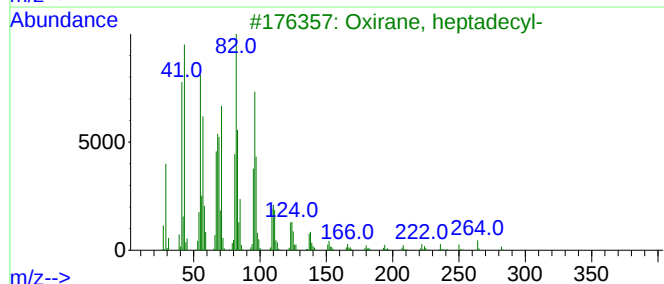
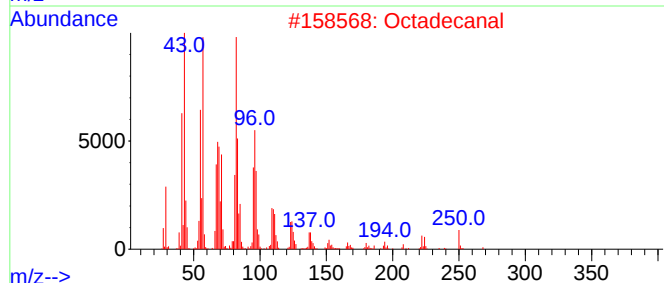
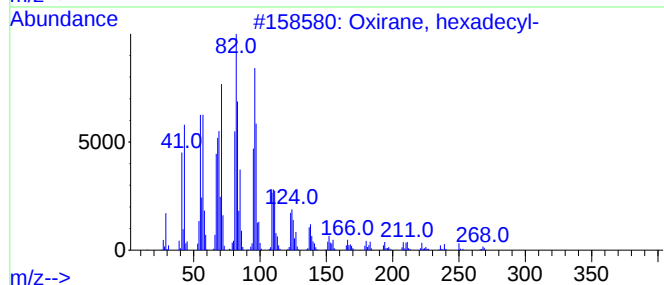
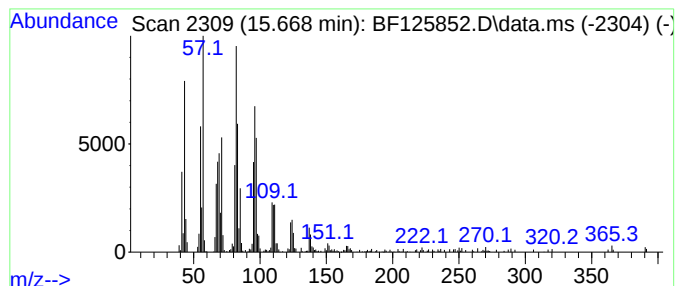
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.668	8.59 ng	479617	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2			Octadecanal	268	C18H36O	000638-66-4	94
3			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4			Heptadecanal	254	C17H34O	1000376-70-0	91
5			1,19-Eicosadiene	278	C20H38	014811-95-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

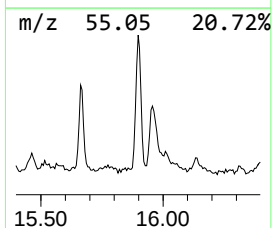
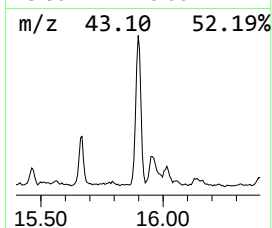
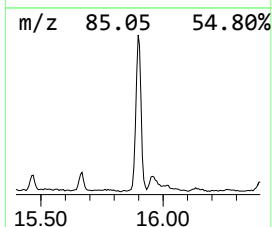
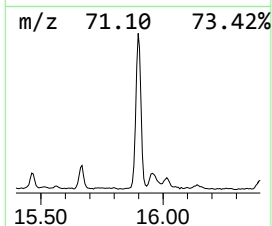
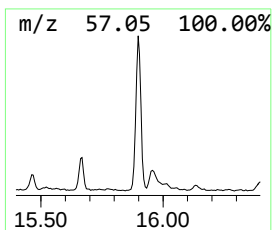
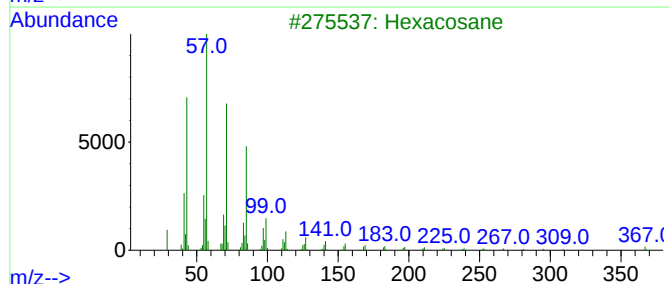
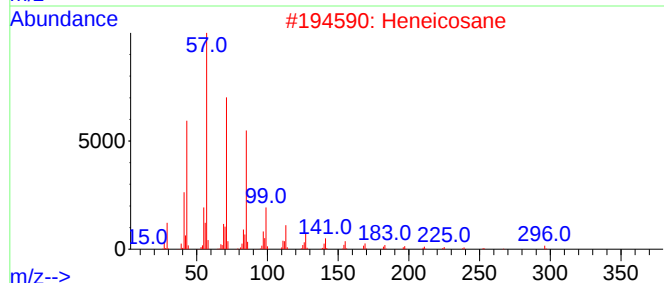
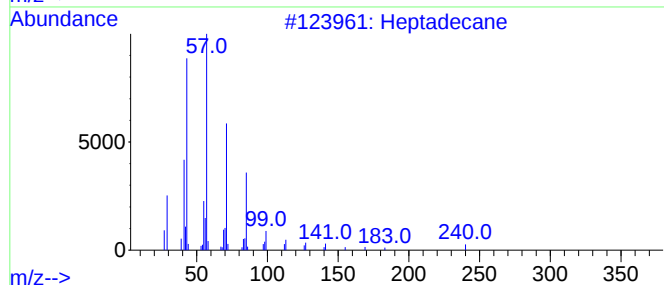
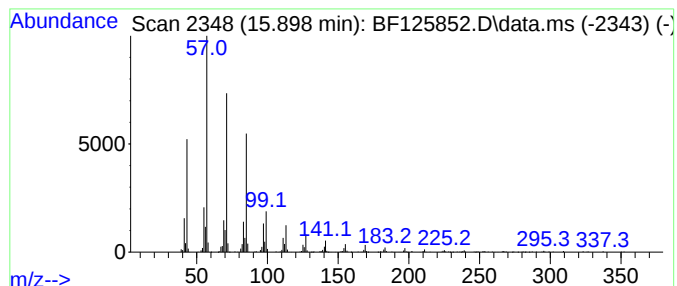
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	19.84 ng	1108090	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

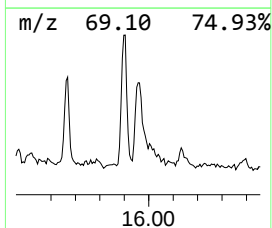
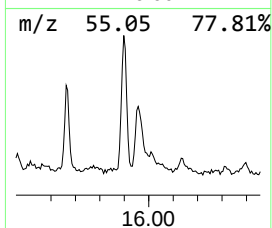
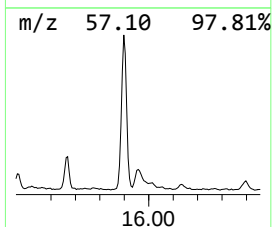
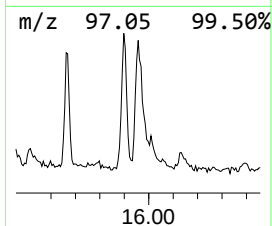
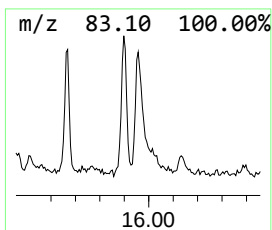
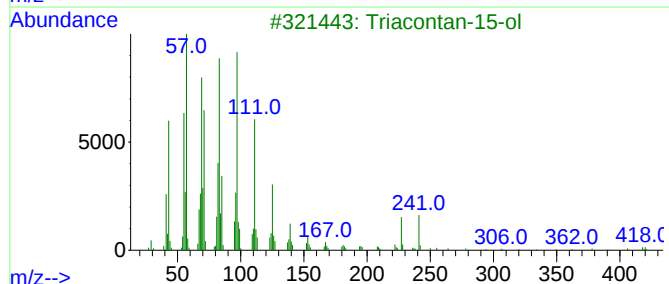
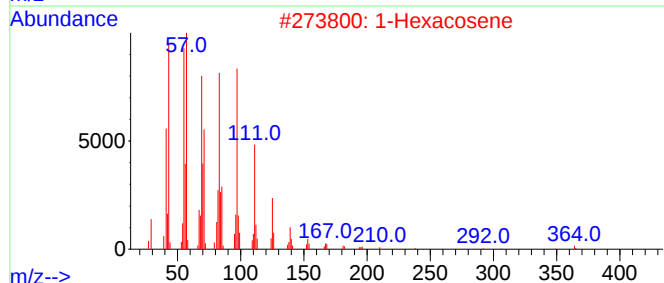
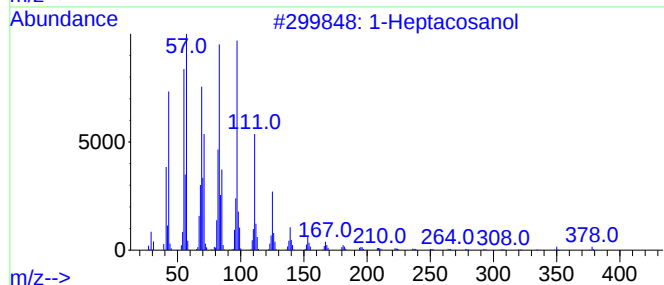
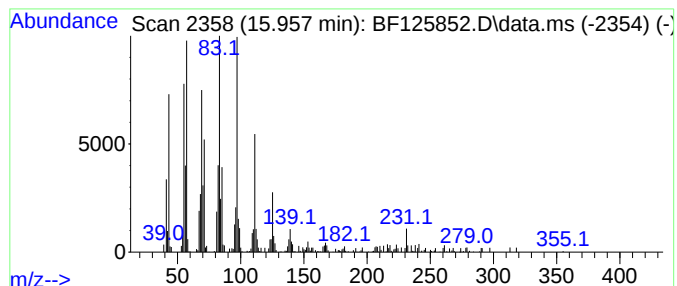
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ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.957	7.97 ng	445068	Perylene-d12	15.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Triacontan-15-ol	438	C30H62O	031849-26-0	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	94
5	Octacosanol	410	C28H58O	000557-61-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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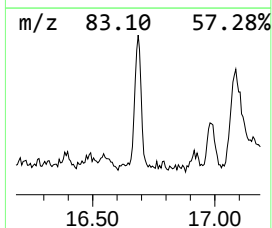
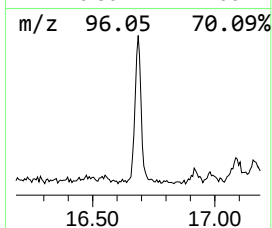
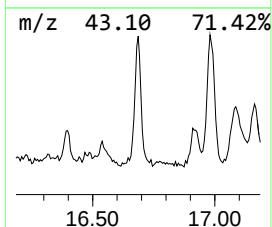
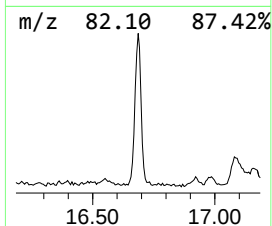
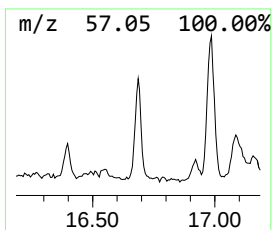
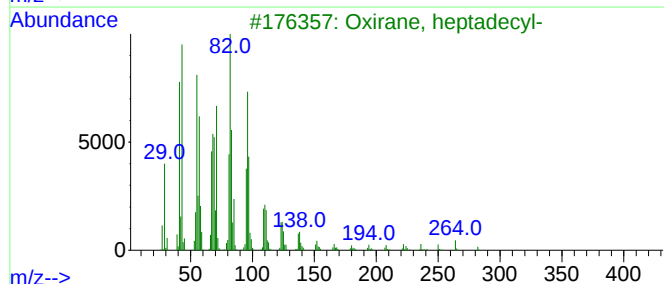
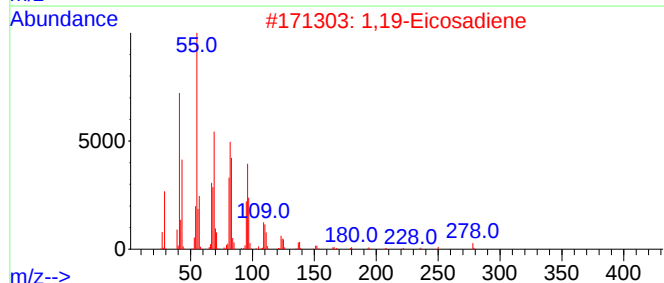
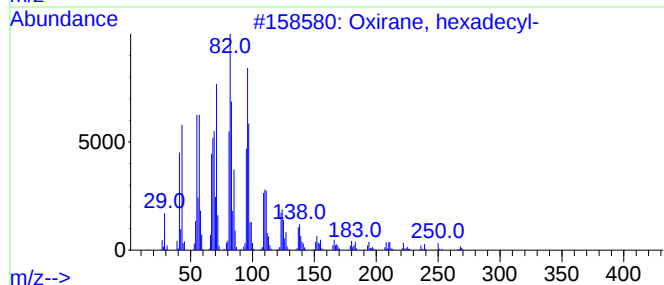
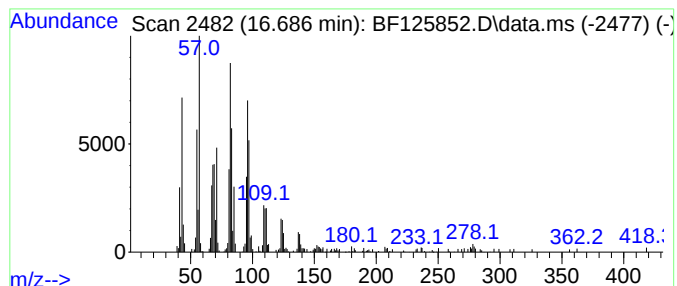
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,19-Eicosadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.686	8.61 ng	481037	Perylene-d12	15.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		1,19-Eicosadiene	278	C20H38	014811-95-1	92
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Heptadecanal	254	C17H34O	1000376-70-0	91
5		Tetracosanal	352	C24H48O	057866-08-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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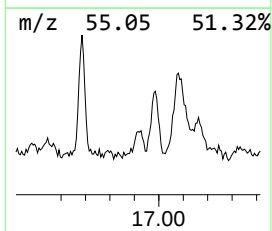
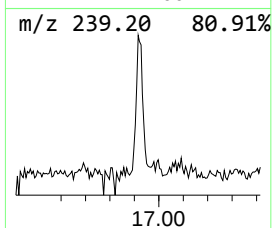
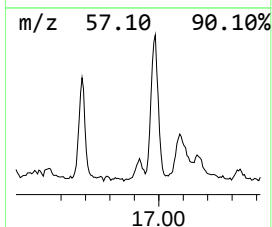
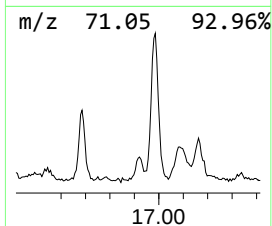
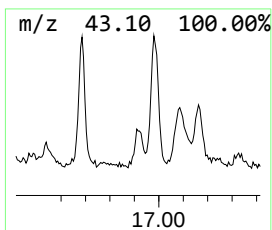
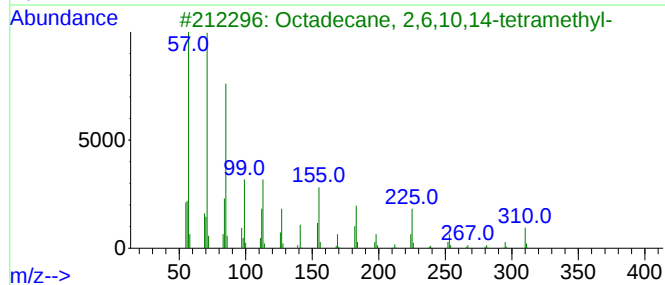
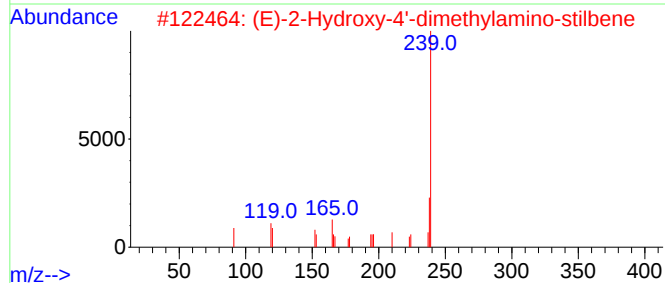
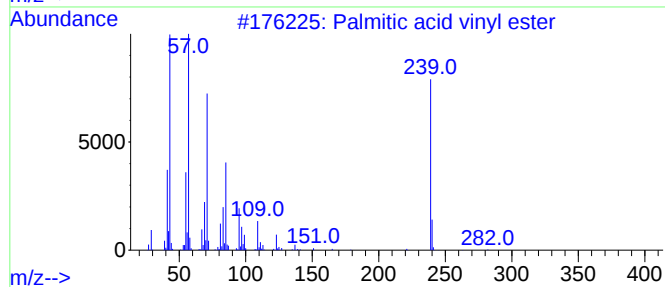
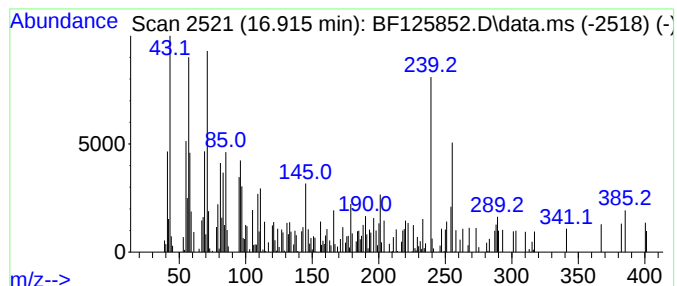
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.915 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.915	2.59 ng	144675	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	43
2			(E)-2-Hydroxy-4'-dimethylamino-s...	239	C16H17NO	110983-42-1	22
3			Octadecane, 2,6,10,14-tetramethyl-	310	C22H46	054964-82-8	22
4			Acetamide, 2-[7-ethyl-3-(2,2,2-t...	382	C19H21F3N2O3	1010304-57-3	20
5			Heptamethyl-3-phenyl-1,4-cyclohe...	254	C19H26	122531-52-6	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
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Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

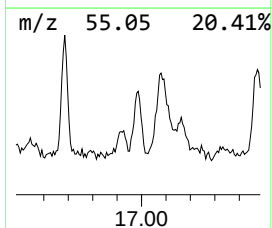
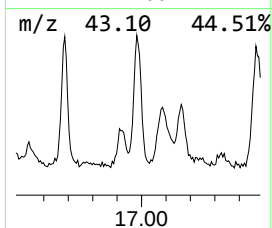
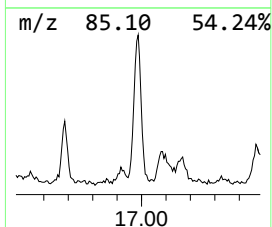
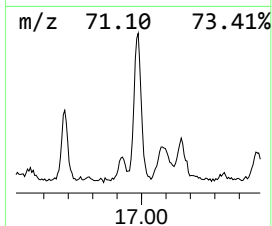
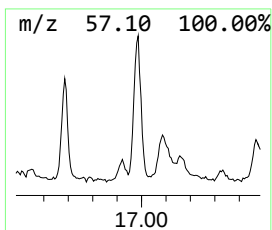
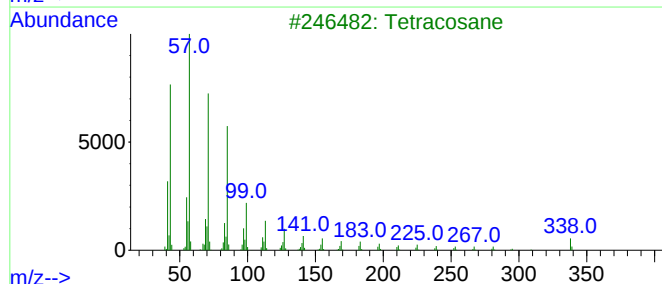
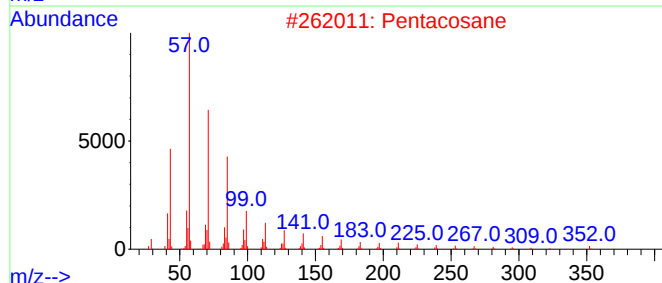
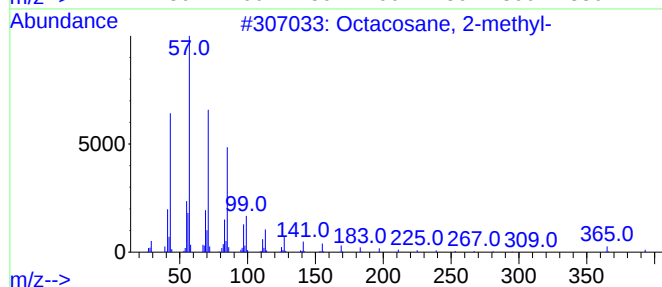
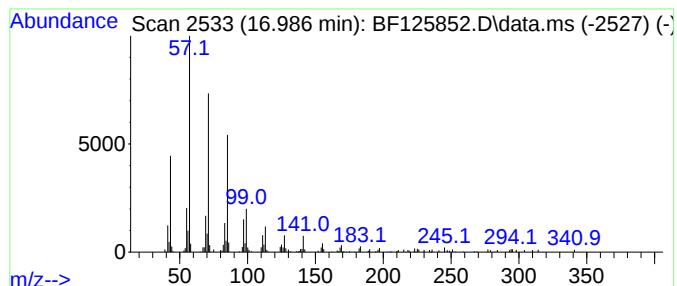
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.986	6.67 ng	372414	Perylene-d12	15.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Docosane	310	C22H46	000629-97-0	87
5	Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

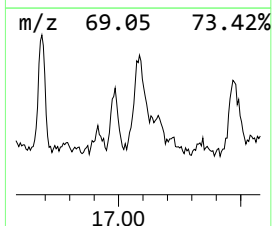
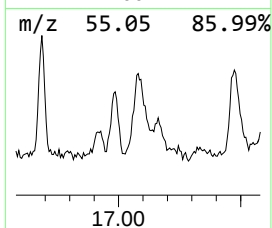
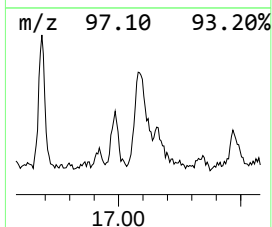
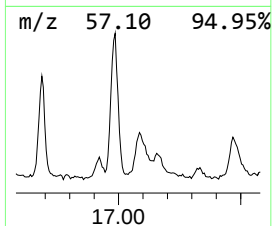
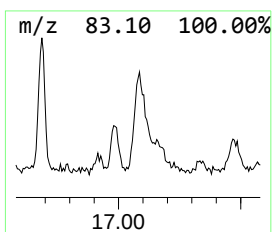
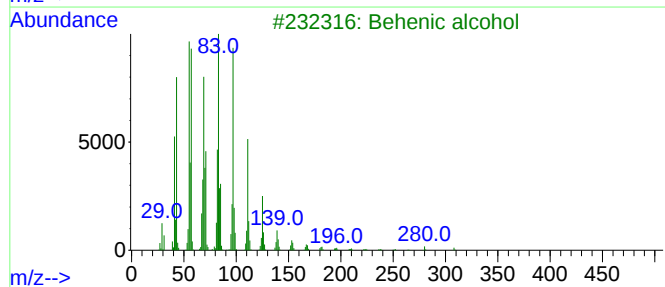
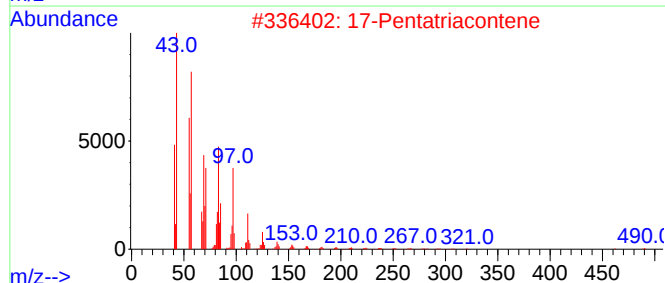
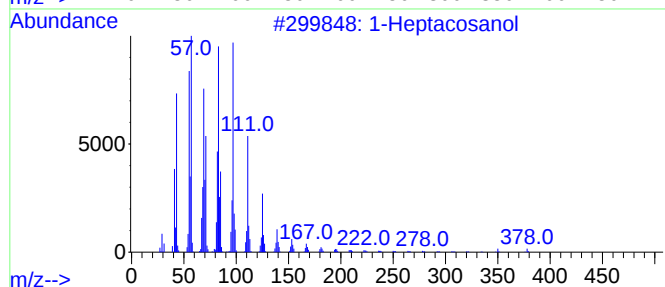
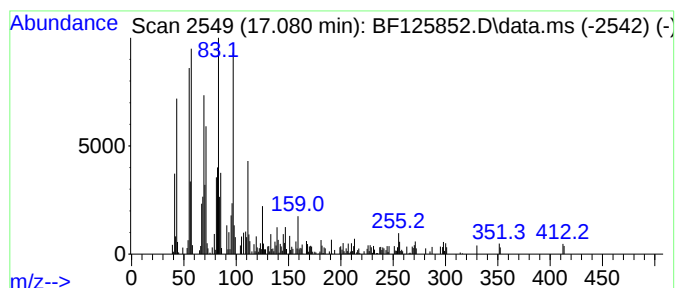
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	8.38 ng	468029	Perylene-d12	15.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	95
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Triacontan-15-ol	438	C30H62O	031849-26-0	91
5		Octacosanol	410	C28H58O	000557-61-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

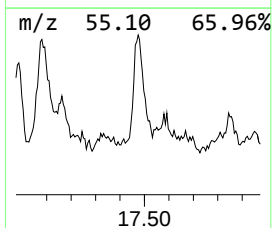
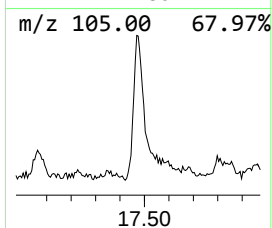
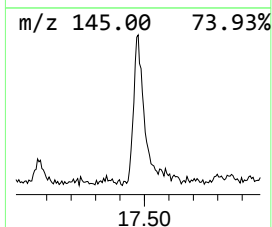
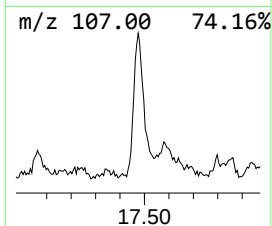
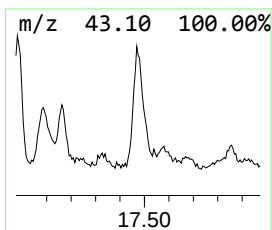
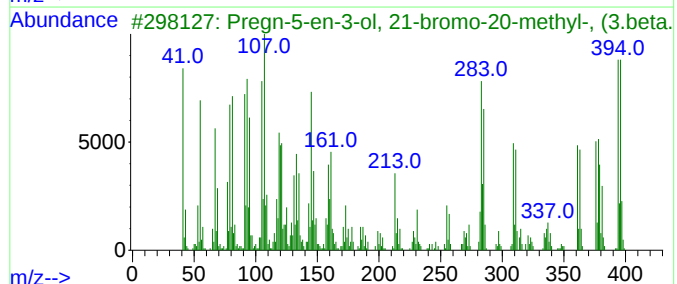
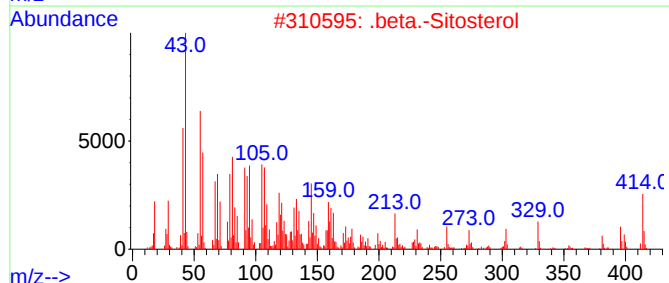
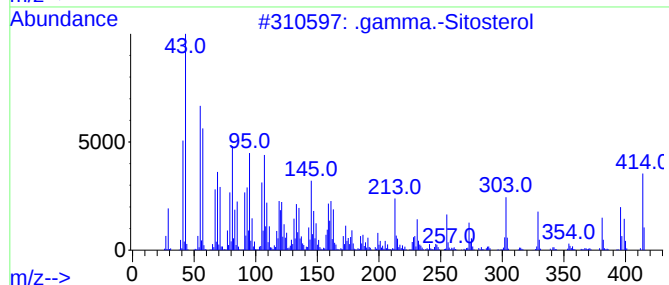
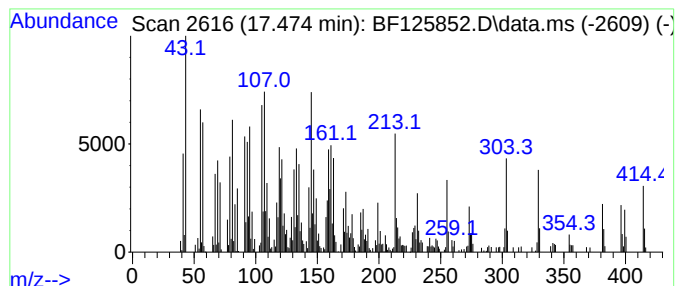
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.474	21.81 ng	1218010	Perylene-d12	15.433

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	98
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	37
4		1-Oxaspiro[4.4]nonane-4-carboxam...	273	C16H19NO3	1010319-97-0	18
5		2-(4-Nitrophenoxy)-N-(3-pyridiny...	273	C13H11N3O4	1000486-50-2	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125852.D
Acq On : 14 Oct 2021 19:13
Operator : JU/CG
Sample : M4056-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

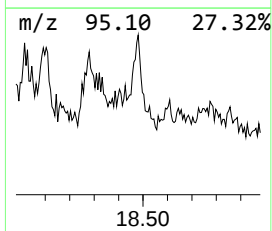
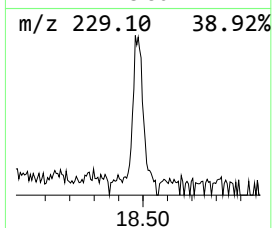
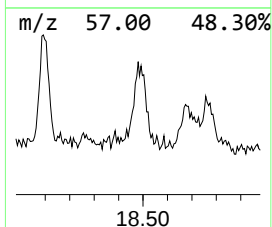
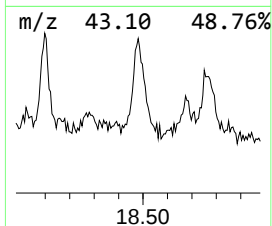
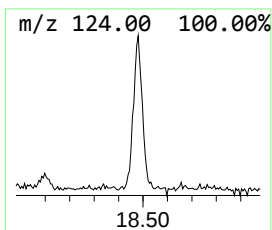
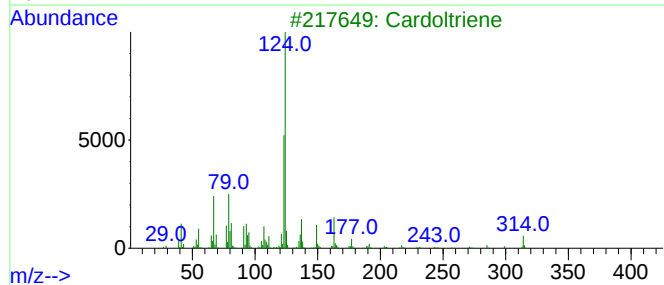
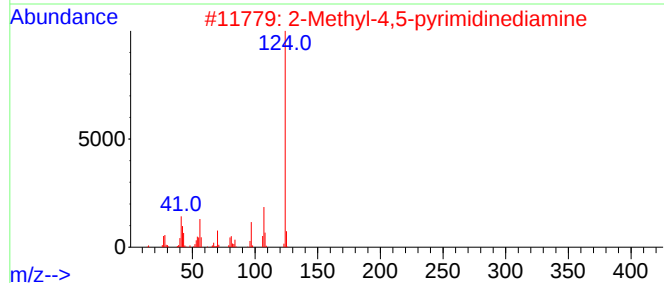
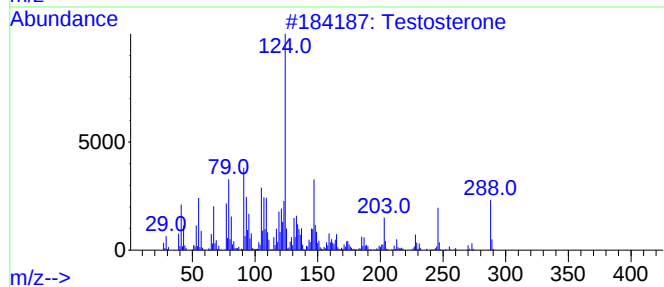
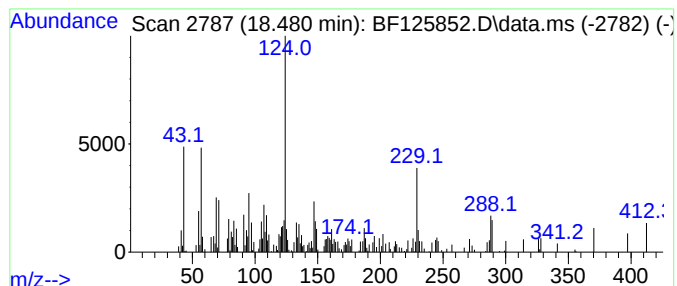
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Testosterone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	6.07 ng	338855	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Testosterone	288	C19H28O2	000058-22-0	55
2			2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	30
3			Cardoltriene	314	C21H30O2	079473-24-8	30
4			N-(3-Amino-2-hydroxy-phenyl)-ace...	166	C8H10N2O2	1010186-23-1	27
5			Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125852.D
 Acq On : 14 Oct 2021 19:13
 Operator : JU/CG
 Sample : M4056-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	8.016	4.0	ng	276860	2	8.110	1383880	20.0
n-Hexadecanoic ...	11.874	8.8	ng	654842	4	11.345	1483350	20.0
Oleic Acid	12.580	2.8	ng	207978	4	11.345	1483350	20.0
Octadecanoic acid	12.657	3.6	ng	267569	4	11.345	1483350	20.0
2-Methyltetra...	13.163	2.5	ng	135316	5	13.980	1059810	20.0
Cinnamyl cinnamate	13.686	4.3	ng	230140	5	13.980	1059810	20.0
Heptadecyl hept...	13.827	11.1	ng	585300	5	13.980	1059810	20.0
5-Eicosene, (E)-	14.463	21.4	ng	1132210	5	13.980	1059810	20.0
Hexacosanal	14.898	5.6	ng	311948	6	15.433	1117110	20.0
Heptadecane	15.092	16.3	ng	911076	6	15.433	1117110	20.0
n-Nonadecanol-1	15.121	11.7	ng	651211	6	15.433	1117110	20.0
Oxirane, hexade...	15.668	8.6	ng	479617	6	15.433	1117110	20.0
Heneicosane	15.898	19.8	ng	1108090	6	15.433	1117110	20.0
1-Heptacosanol	15.957	8.0	ng	445068	6	15.433	1117110	20.0
1,19-Eicosadiene	16.686	8.6	ng	481037	6	15.433	1117110	20.0
unknown16.915	16.915	2.6	ng	144675	6	15.433	1117110	20.0
Octacosane, 2-m...	16.986	6.7	ng	372414	6	15.433	1117110	20.0
17-Pentatriacon...	17.080	8.4	ng	468029	6	15.433	1117110	20.0
.gamma.-Sitosterol	17.474	21.8	ng	1218010	6	15.433	1117110	20.0
Testosterone	18.480	6.1	ng	338855	6	15.433	1117110	20.0