

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123528.D
 Acq On : 30 Mar 2021 18:46
 Operator : JU/CG
 Sample : M1832-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG005

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-BF032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	12	22	27	rVB	1128440	1492452	24.77%	2.466%
2	2.322	35	40	48	rVB	174364	208975	3.47%	0.345%
3	5.122	505	516	528	rBV	431929	754458	12.52%	1.247%
4	5.516	574	583	585	rBV	4977485	5781610	95.95%	9.553%
5	6.069	673	677	680	rBV	125869	109242	1.81%	0.180%
6	6.169	691	694	698	rBV	182456	154840	2.57%	0.256%
7	6.339	715	723	729	rBV	282655	241180	4.00%	0.398%
8	6.516	746	753	756	rBV	4979233	6025622	100.00%	9.956%
9	6.881	812	815	819	rBV	1041521	885114	14.69%	1.462%
10	7.451	905	912	914	rBV	3571489	4070780	67.56%	6.726%
11	8.169	1029	1034	1037	rBV	1290583	1115665	18.52%	1.843%
12	8.728	1124	1129	1130	rBV	75335	71879	1.19%	0.119%
13	8.763	1133	1135	1138	rVB	177511	124005	2.06%	0.205%
14	9.251	1212	1218	1221	rBV	6422491	5918490	98.22%	9.779%
15	9.586	1272	1275	1278	rBV	132888	102414	1.70%	0.169%
16	9.639	1280	1284	1288	rBV	149214	120611	2.00%	0.199%
17	9.775	1299	1307	1312	rBV4	256263	349718	5.80%	0.578%
18	9.927	1326	1333	1336	rBV	1682157	1407206	23.35%	2.325%
19	10.422	1414	1417	1419	rBV	83090	63201	1.05%	0.104%
20	10.722	1462	1468	1471	rBV	4880393	5040747	83.66%	8.328%
21	10.963	1507	1509	1512	rBV	83965	71972	1.19%	0.119%
22	11.257	1555	1559	1561	rBV	639086	551445	9.15%	0.911%
23	11.363	1574	1577	1581	rBV	83907	80161	1.33%	0.132%
24	11.422	1581	1587	1589	rVV	1614322	1538698	25.54%	2.542%
25	11.474	1593	1596	1600	rVB2	106333	96498	1.60%	0.159%
26	11.645	1620	1625	1628	rBV	432953	343720	5.70%	0.568%
27	11.880	1661	1665	1668	rBV	116630	134527	2.23%	0.222%
28	11.910	1668	1670	1674	rVV2	124095	152190	2.53%	0.251%
29	11.957	1674	1678	1681	rVV	1523420	1468258	24.37%	2.426%
30	11.980	1681	1682	1689	rVB2	177378	146035	2.42%	0.241%
31	12.445	1758	1761	1765	rBV	582790	469056	7.78%	0.775%
32	12.504	1767	1771	1777	rBV	771585	729796	12.11%	1.206%
33	12.616	1786	1790	1791	rBV2	156414	135126	2.24%	0.223%
34	12.739	1807	1811	1817	rBV	455884	393910	6.54%	0.651%
35	13.016	1852	1858	1861	rBV	6232808	5999951	99.57%	9.913%
36	13.245	1893	1897	1900	rBV	94395	88903	1.48%	0.147%

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37	13.463	1930	1934	1937	rBV2	96227	110873	1.84%	0.183%
38	13.586	1953	1955	1957	rVB	96358	68208	1.13%	0.113%
39	13.915	2007	2011	2013	rBV	423773	370047	6.14%	0.611%
40	13.945	2013	2016	2030	rVV3	352541	1099330	18.24%	1.816%
41	14.063	2032	2036	2040	rVB	1032300	924746	15.35%	1.528%
42	14.233	2060	2065	2068	rBV	135489	139429	2.31%	0.230%
43	14.357	2083	2086	2090	rVB	120954	98565	1.64%	0.163%
44	14.539	2113	2117	2121	rBV	582394	528895	8.78%	0.874%
45	14.598	2121	2127	2137	rBV3	237595	784290	13.02%	1.296%
46	14.857	2165	2171	2174	rVB2	113001	141139	2.34%	0.233%
47	14.933	2181	2184	2190	rBV	56386	64484	1.07%	0.107%
48	15.004	2192	2196	2202	rVB	245870	260011	4.32%	0.430%
49	15.210	2226	2231	2236	rVB	679431	770391	12.79%	1.273%
50	15.286	2237	2244	2258	rBV3	328349	1341214	22.26%	2.216%
51	15.557	2285	2290	2294	rBV	517228	658978	10.94%	1.089%
52	15.598	2294	2297	2303	rVB	63793	93460	1.55%	0.154%
53	15.809	2328	2333	2341	rVB	332894	467919	7.77%	0.773%
54	16.057	2369	2375	2382	rVB	485284	761668	12.64%	1.258%
55	16.174	2383	2395	2408	rBV6	278159	1442503	23.94%	2.383%
56	16.580	2455	2464	2471	rBV3	48953	127291	2.11%	0.210%
57	16.886	2509	2516	2525	rVB	277068	533397	8.85%	0.881%
58	17.203	2562	2570	2581	rBV	133818	307532	5.10%	0.508%
59	17.386	2589	2601	2617	rBV6	120767	627709	10.42%	1.037%
60	17.745	2655	2662	2684	rBV9	191979	1017803	16.89%	1.682%
61	17.927	2687	2693	2701	rVB7	57895	152950	2.54%	0.253%
62	18.233	2733	2745	2746	rBV7	26459	75883	1.26%	0.125%
63	18.274	2747	2752	2762	rVV7	87843	276294	4.59%	0.457%
64	18.374	2762	2769	2776	rVB4	63423	152113	2.52%	0.251%
65	18.498	2783	2790	2798	rVB7	62390	156619	2.60%	0.259%
66	18.609	2800	2809	2812	rBV9	36367	92665	1.54%	0.153%
67	18.756	2826	2834	2848	rVB4	144171	439342	7.29%	0.726%

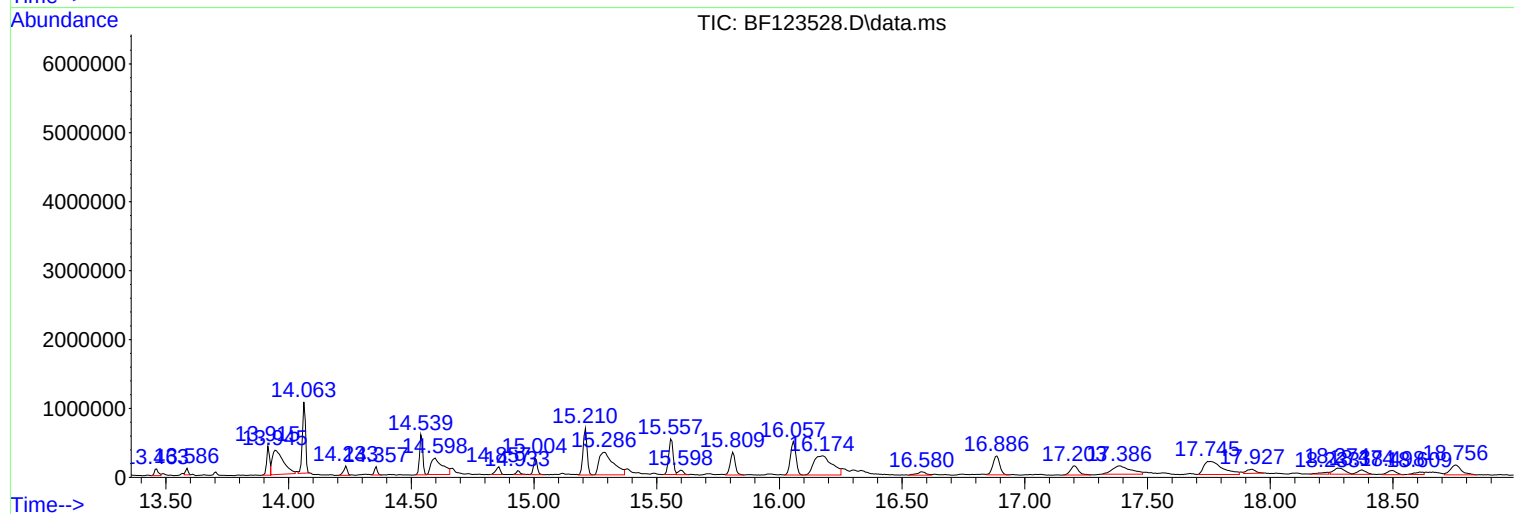
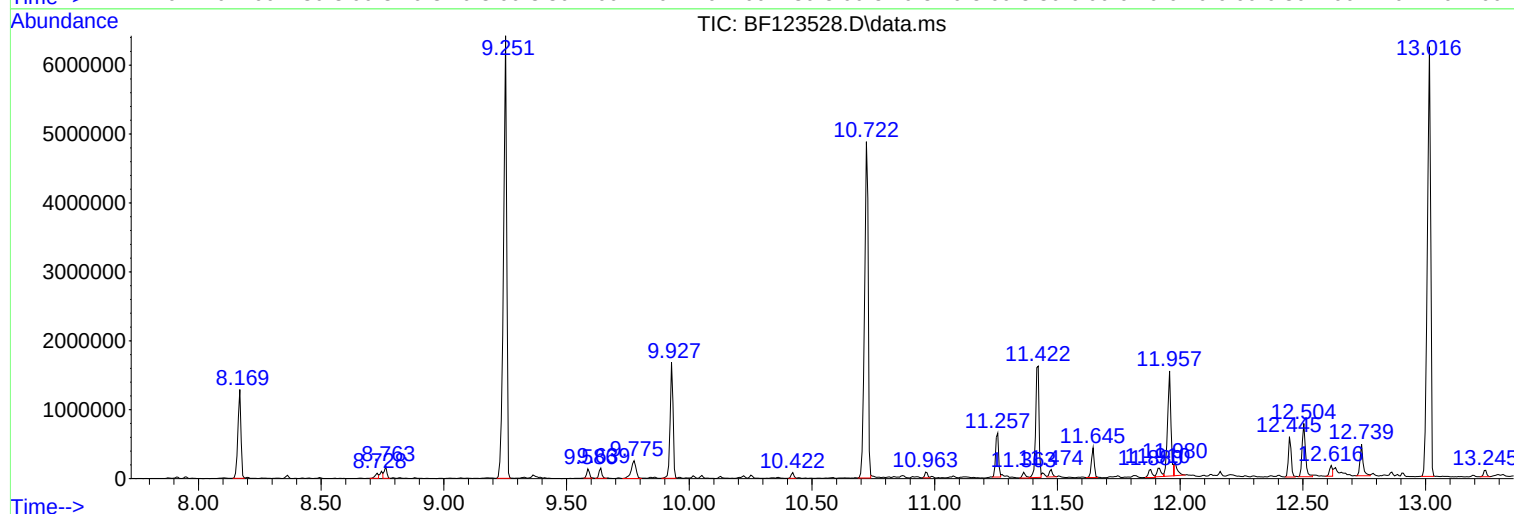
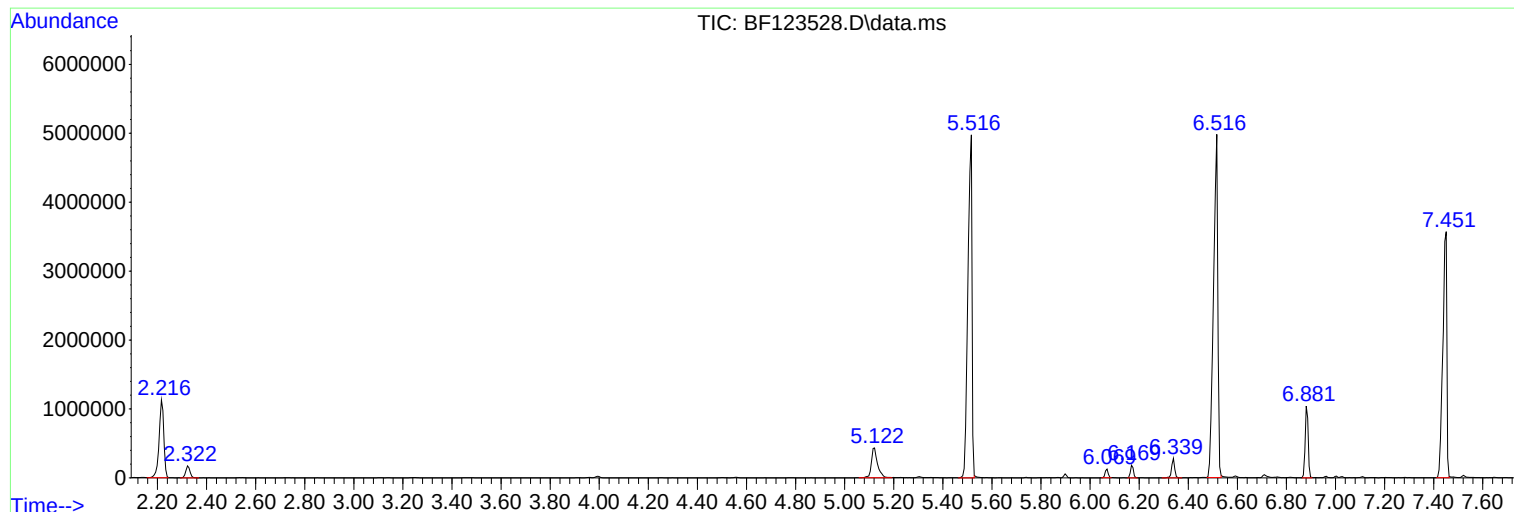
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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IG005

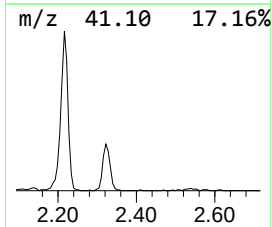
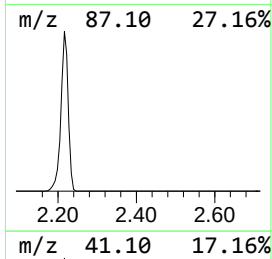
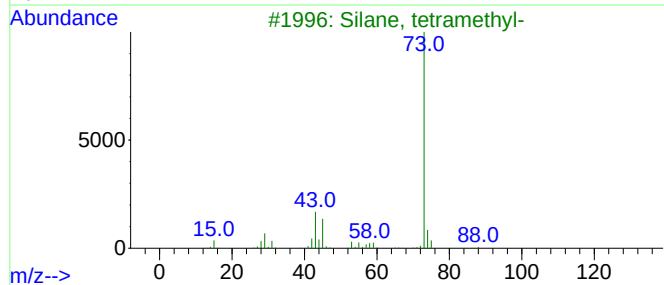
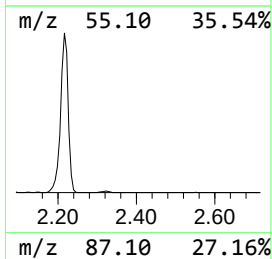
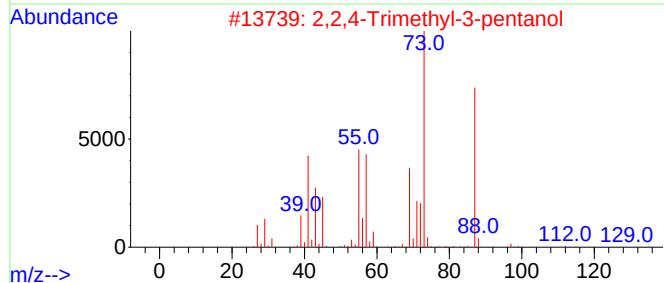
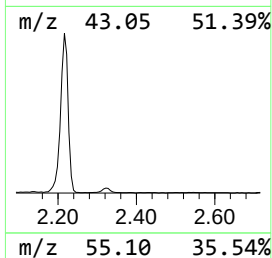
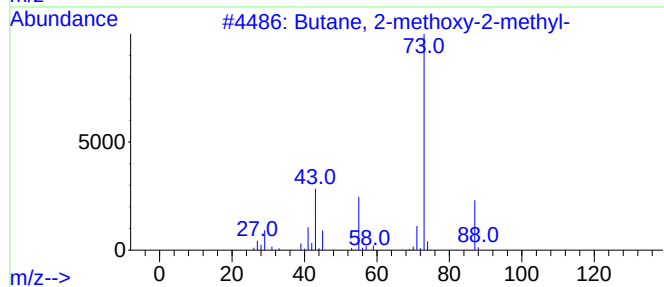
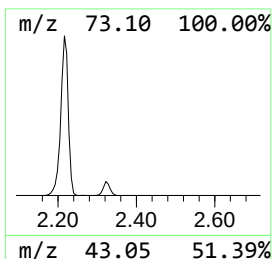
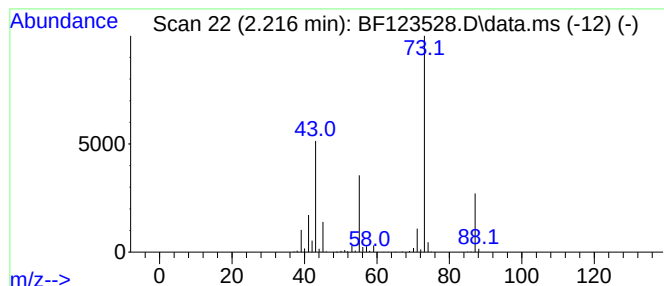
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	33.72 ng	1492450	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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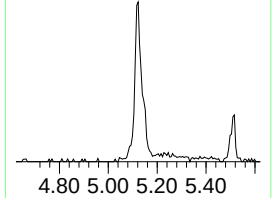
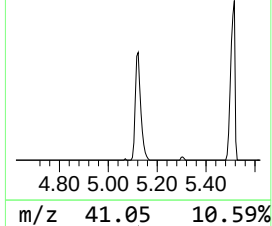
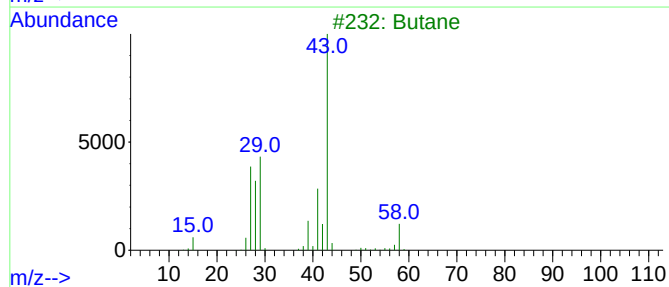
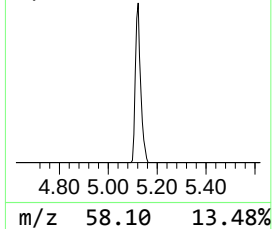
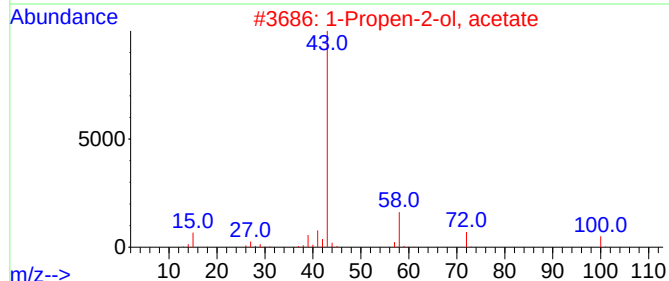
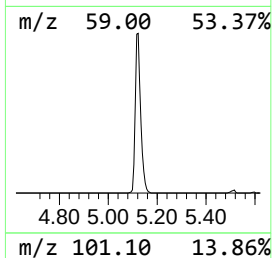
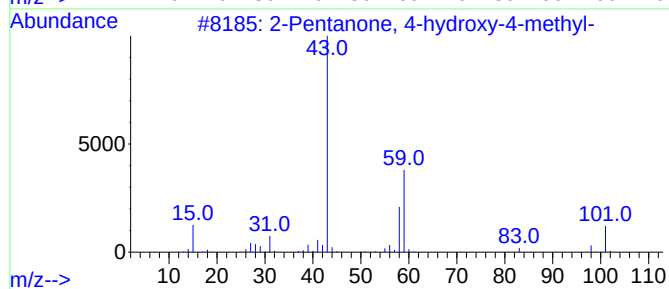
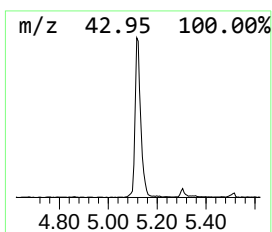
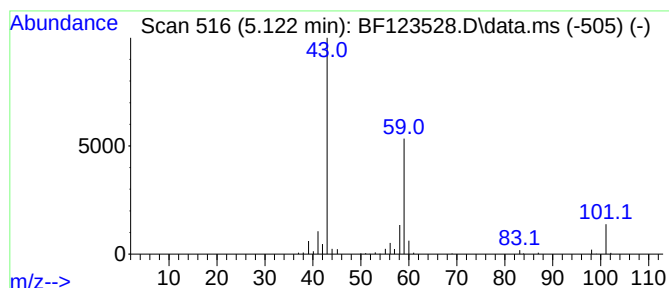
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
5.122	17.05 ng	754458	1,4-Dichlorobenzene-d4		6.881	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10
3	Butane		58	C4H10	000106-97-8	9
4	3-Hydroxy-3-methyl-2-butanone		102	C5H10O2	000115-22-0	9
5	Silane, trimethyl-		74	C3H10Si	000993-07-7	9



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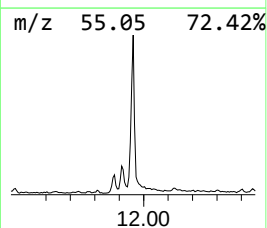
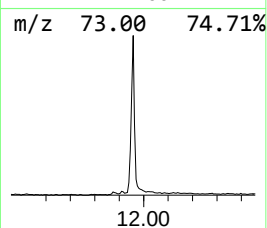
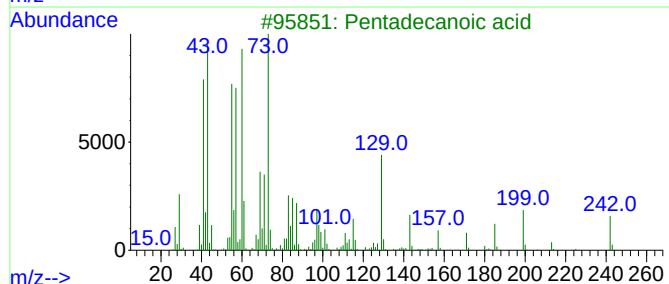
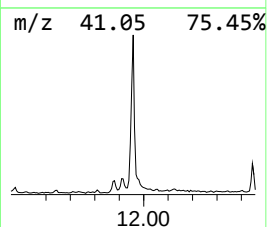
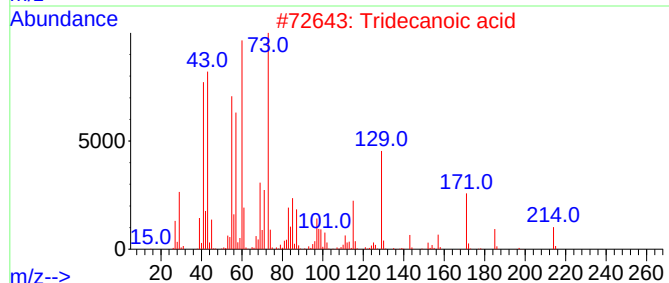
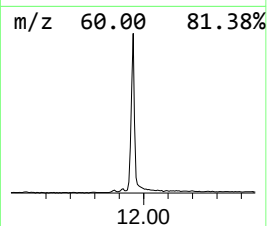
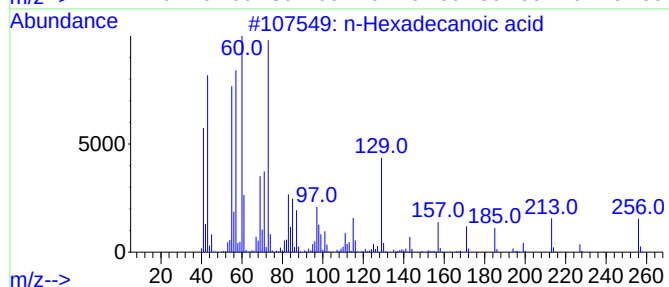
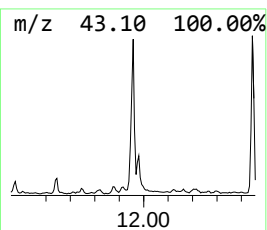
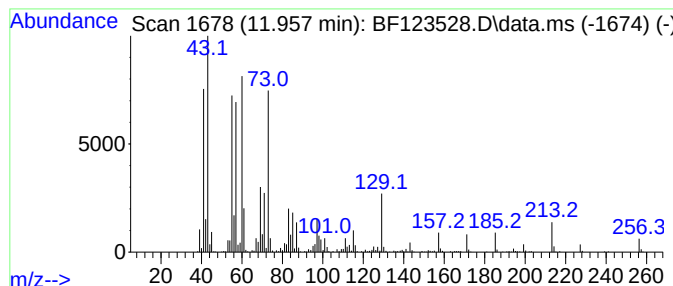
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	19.08 ng	1468260	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



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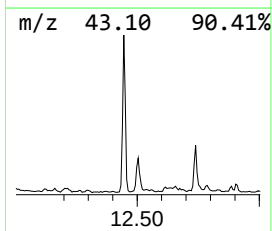
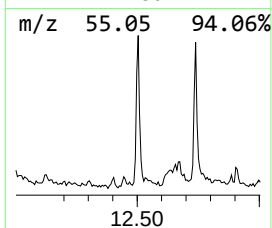
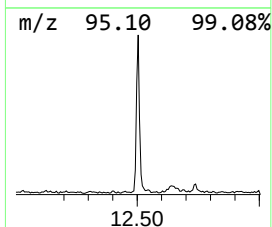
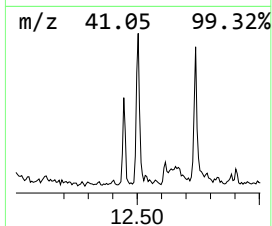
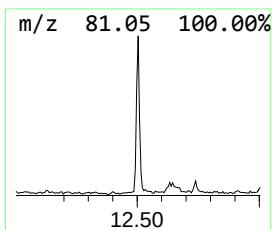
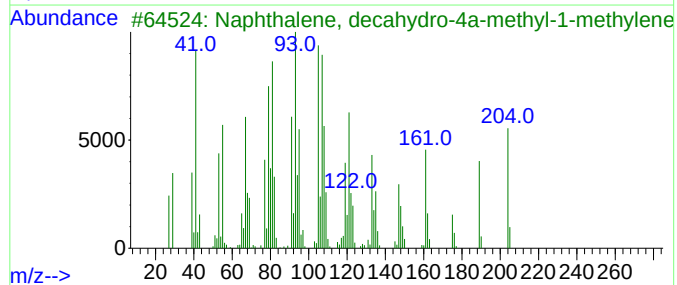
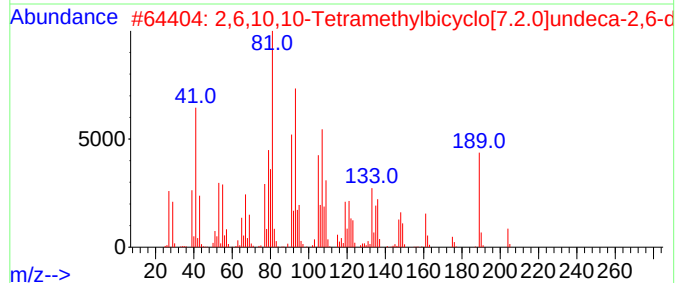
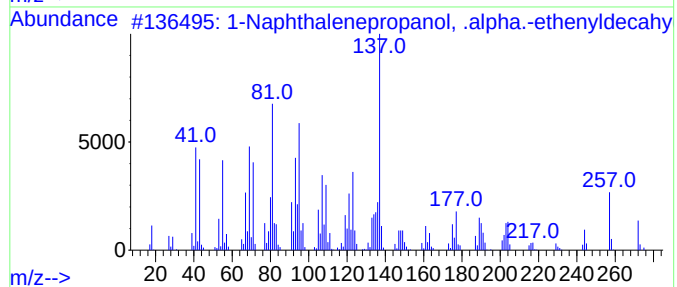
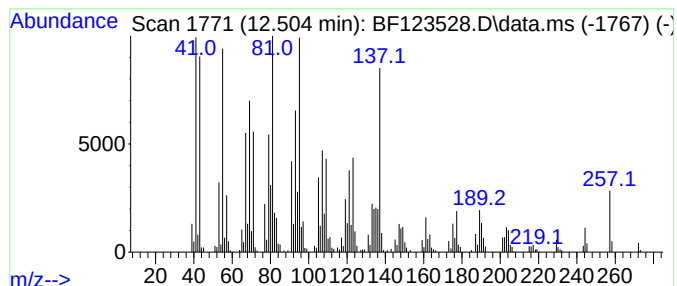
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Naphthalenepropanol, .alp... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	9.49 ng	729796	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	81
2			2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	55
3			Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46
4			Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	35
5			2(1H)-Pyridone, 1-ethyl-4-methyl-	137	C8H11NO	019006-62-3	30



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Acq On : 30 Mar 2021 18:46
Operator : JU/CG
Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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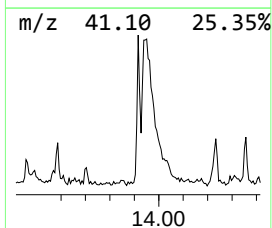
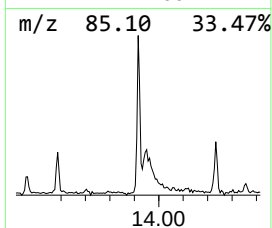
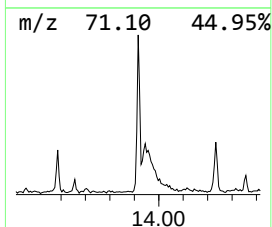
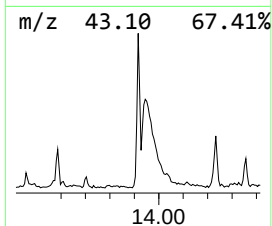
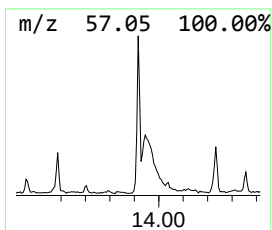
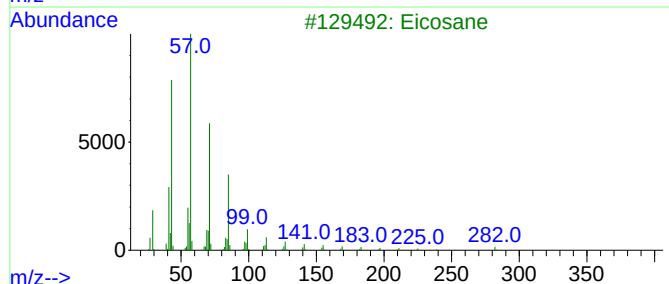
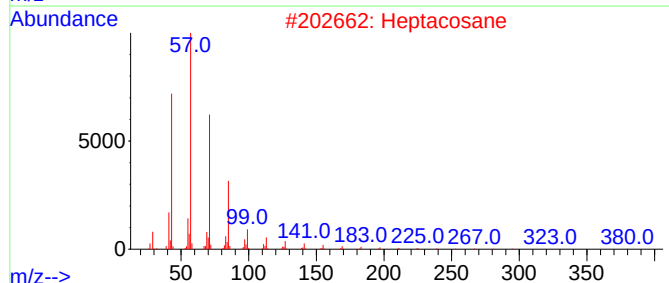
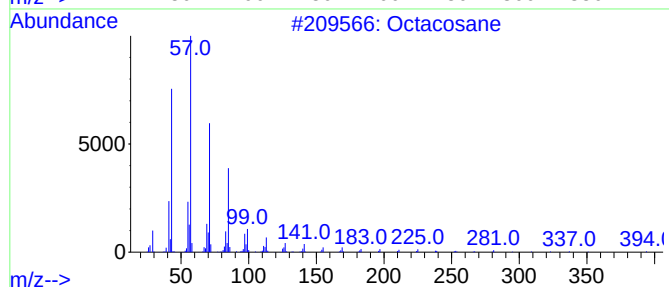
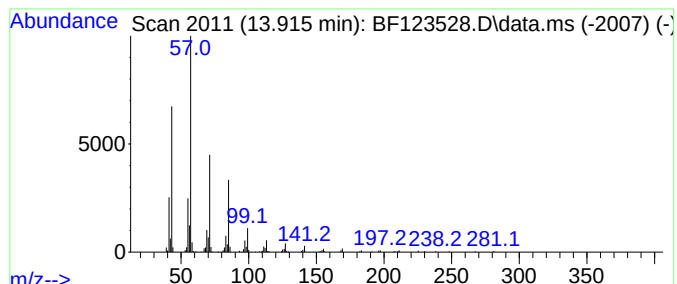
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	8.00 ng	370047	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heptacosane	380	C27H56	000593-49-7	90
3			Eicosane	282	C20H42	000112-95-8	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
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Sample : M1832-05
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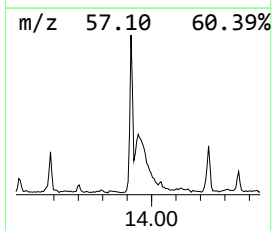
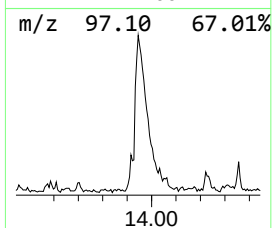
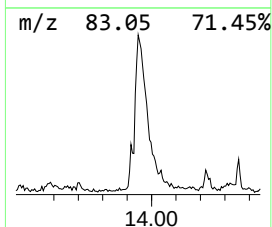
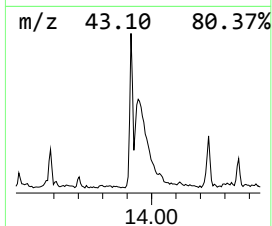
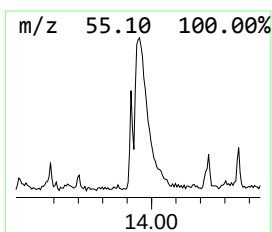
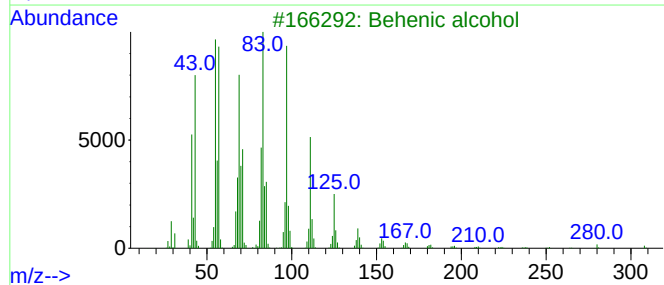
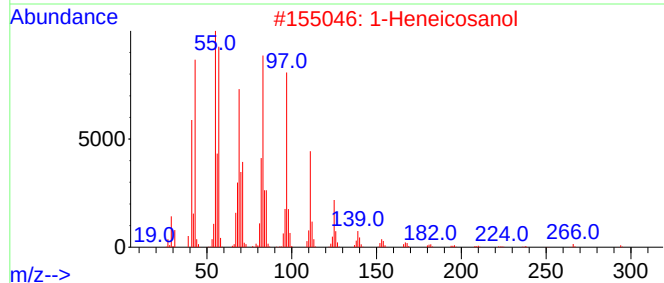
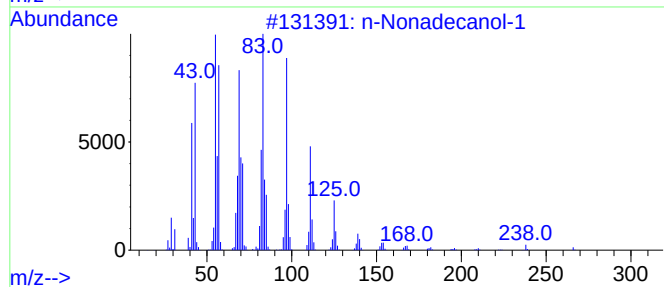
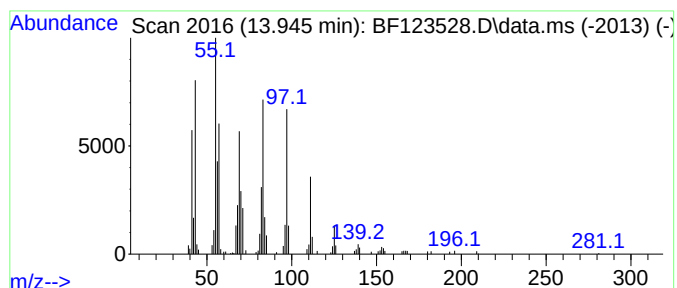
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.945	23.78 ng	1099330	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Behenic alcohol	326	C22H46O	000661-19-8	80
4	1-Docosene	308	C22H44	001599-67-3	72
5	Cyclopentadecane	210	C15H30	000295-48-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
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Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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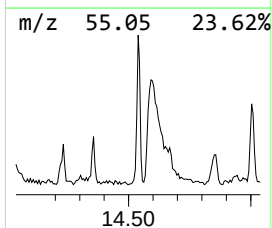
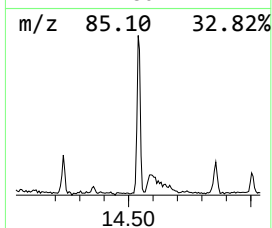
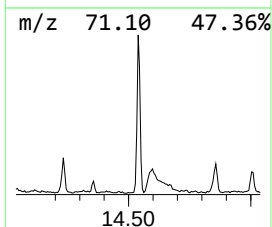
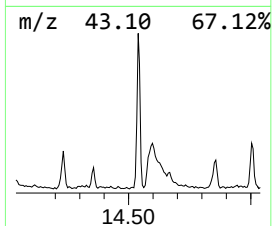
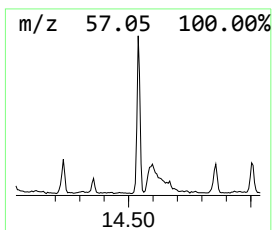
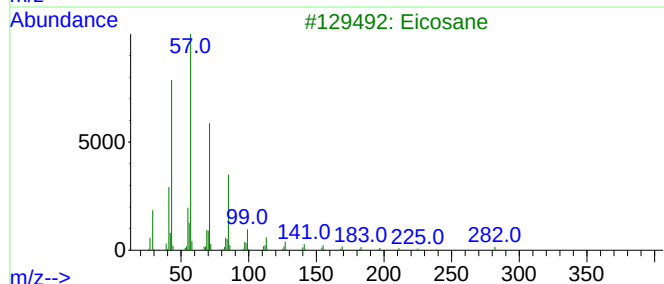
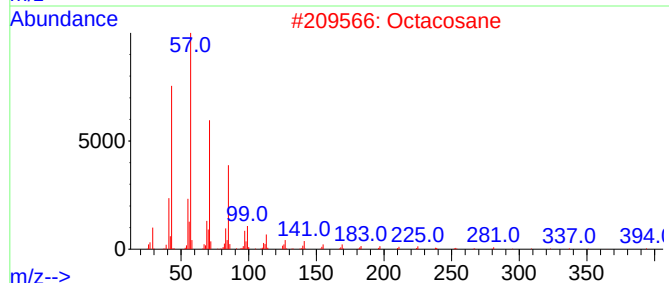
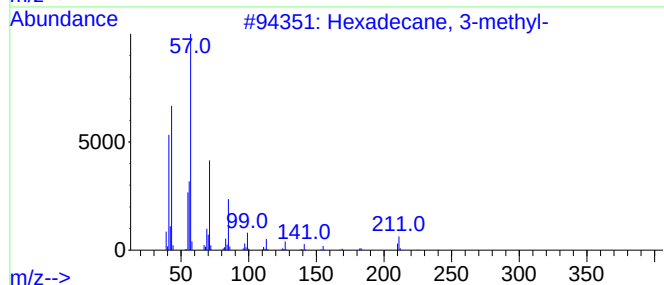
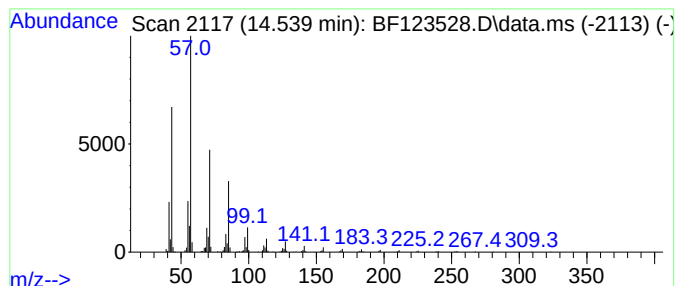
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	11.44 ng	528895	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	93
2			Octacosane	394	C28H58	000630-02-4	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
Operator : JU/CG
Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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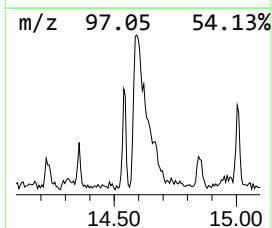
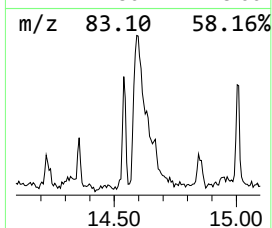
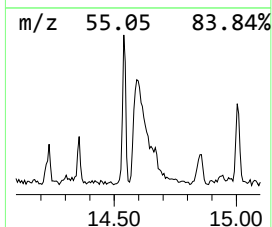
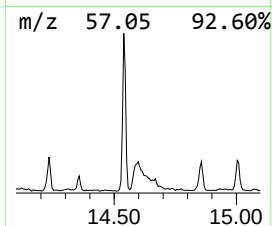
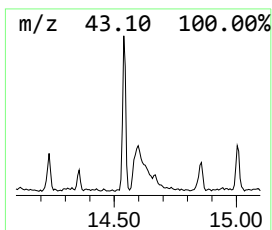
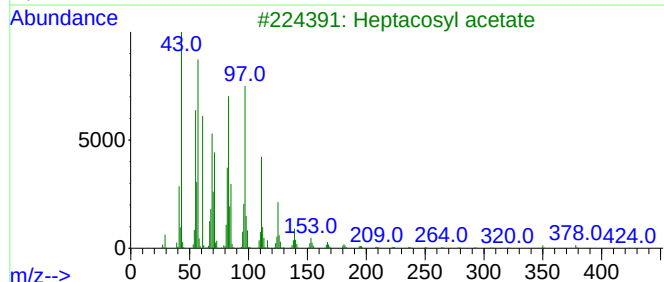
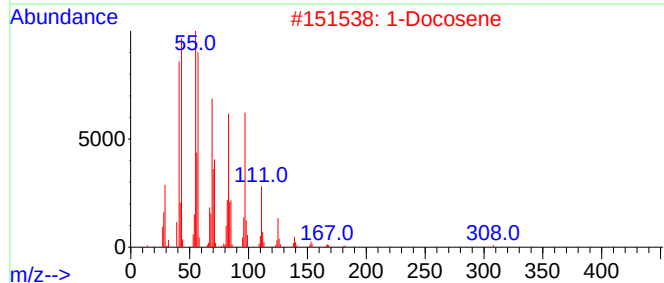
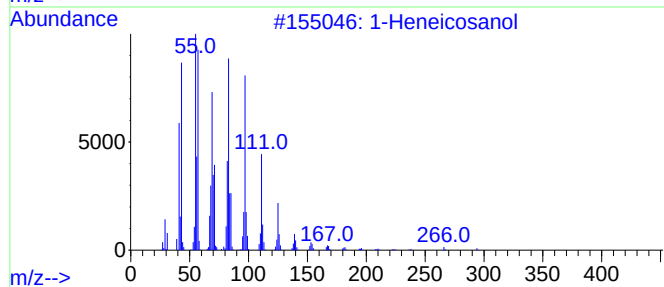
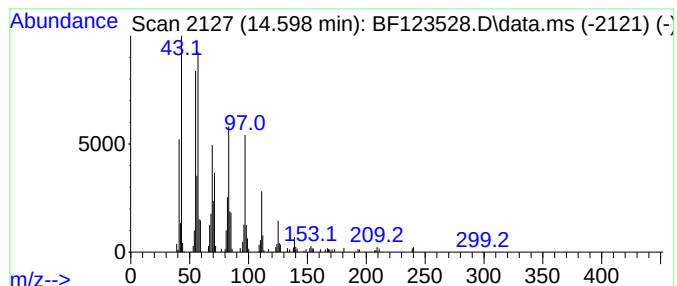
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heneicosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	16.96 ng	784290	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	94
2			1-Docosene	308	C22H44	001599-67-3	94
3			Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
4			Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
5			Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
Operator : JU/CG
Sample : M1832-05
Misc :
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ClientSampleId :
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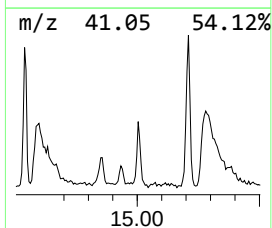
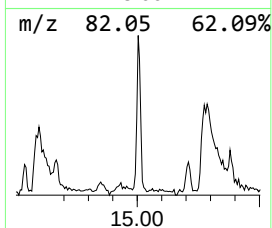
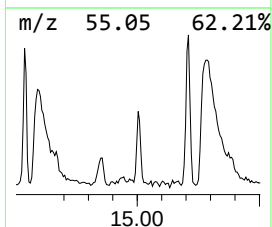
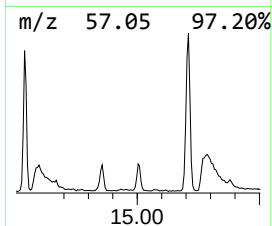
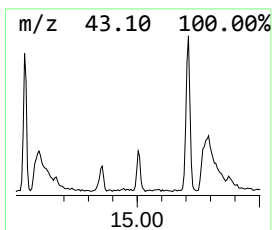
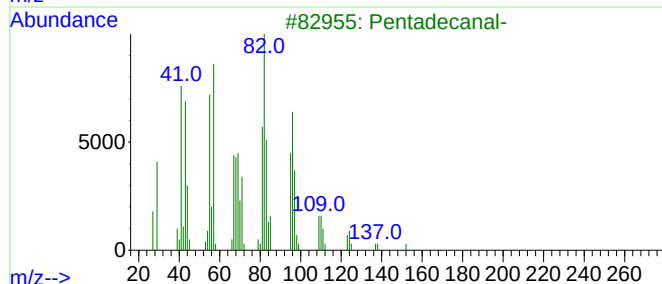
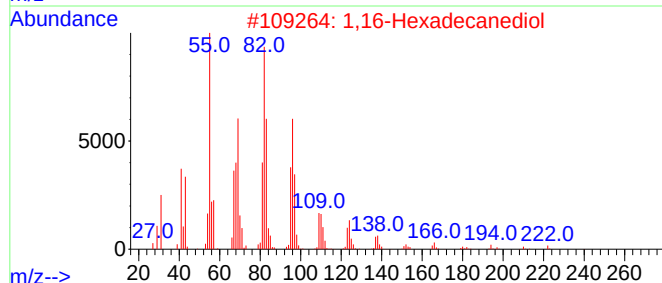
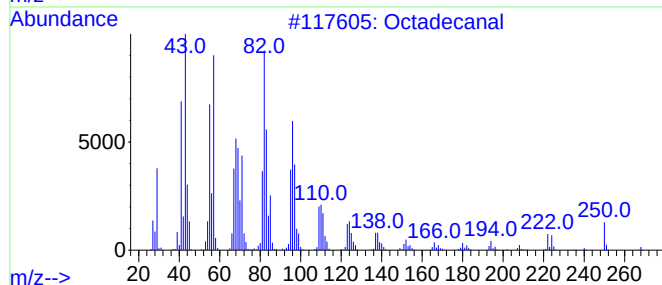
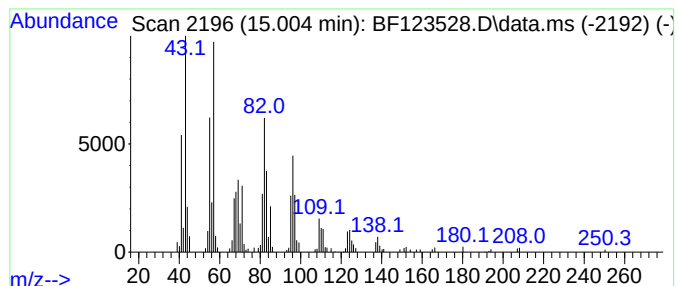
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	7.89 ng	260011	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	90
3			Pentadecanal-	226	C15H30O	002765-11-9	90
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
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Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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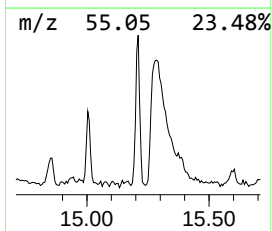
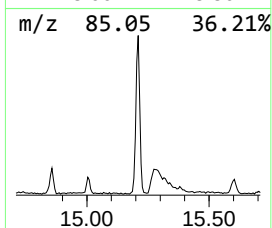
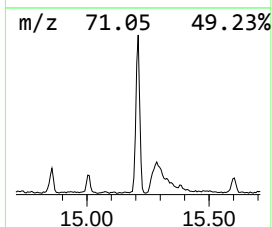
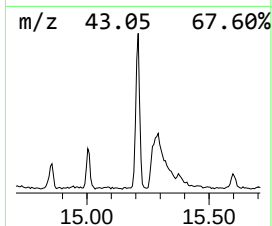
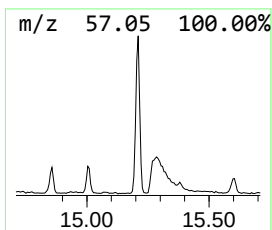
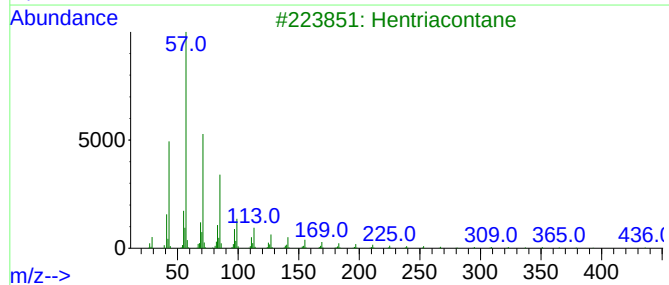
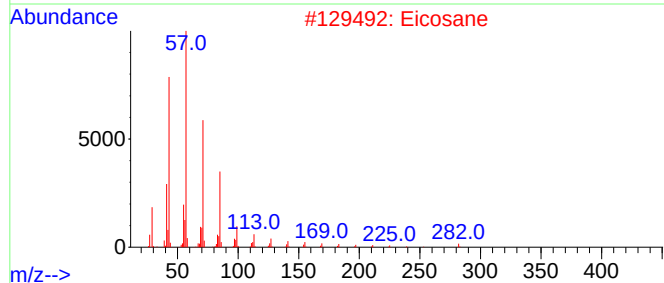
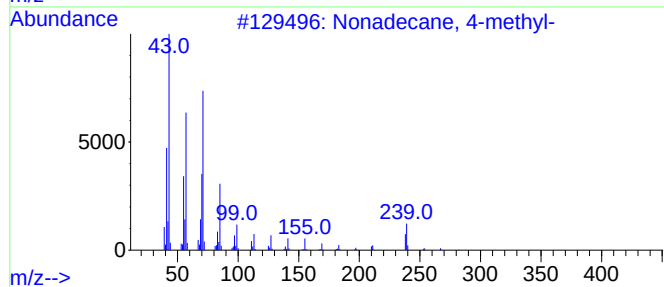
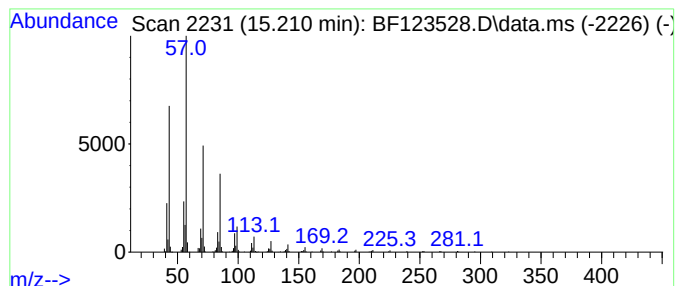
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	23.38 ng	770391	Perylene-d12	15.557

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 4-methyl-	282	C20H42	025117-27-5	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
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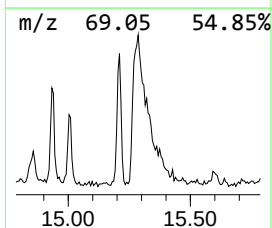
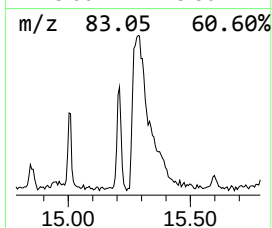
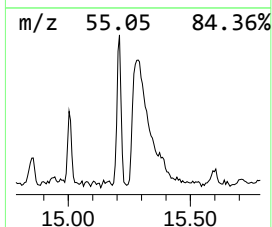
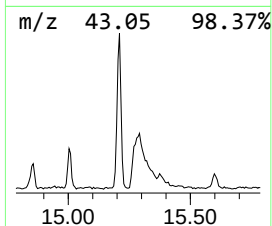
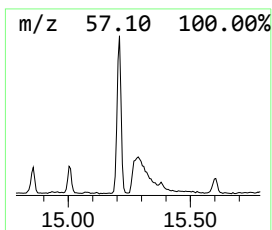
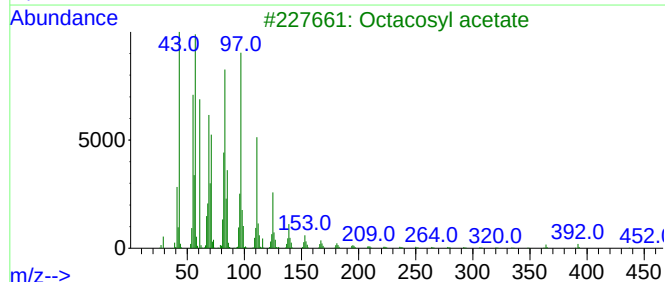
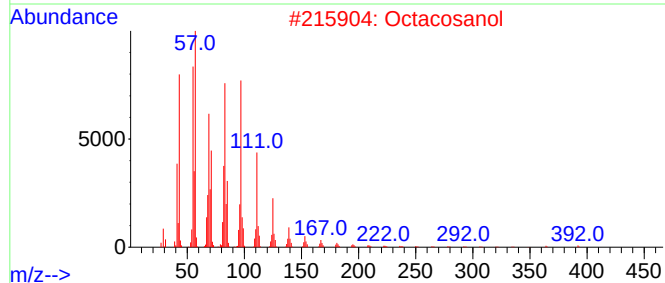
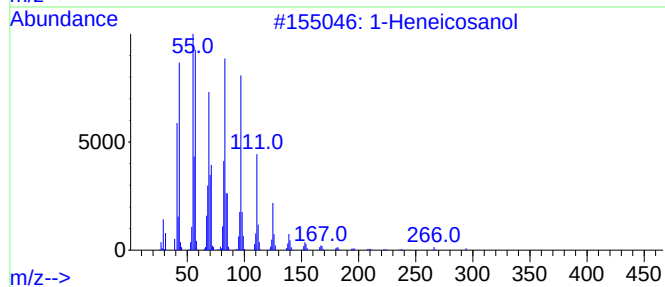
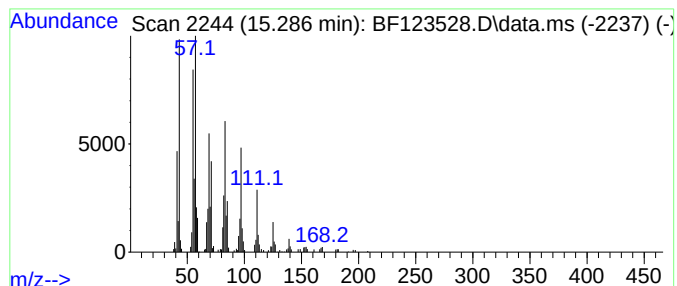
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.286	40.71 ng	1341210	Perylene-d12	15.557	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Octacosyl acetate	452	C30H60O2	018206-97-8	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



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Operator : JU/CG
Sample : M1832-05
Misc :
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Instrument :
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ClientSampled :
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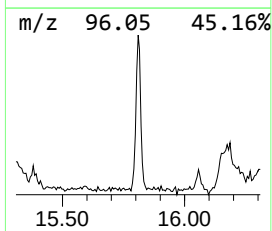
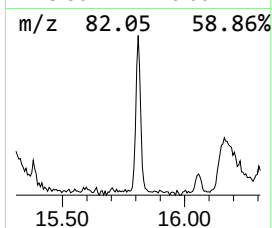
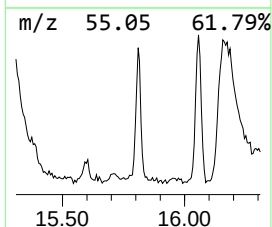
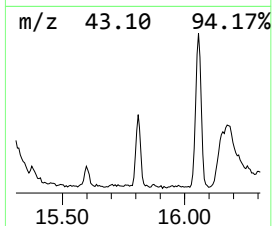
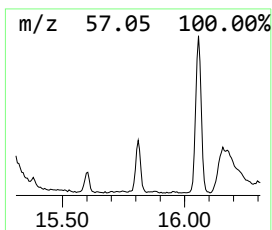
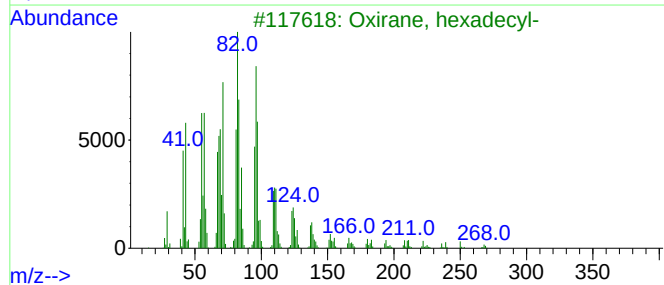
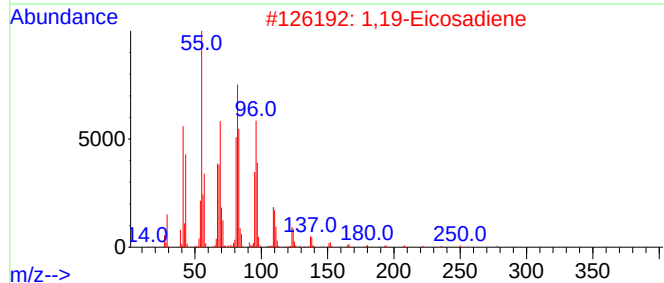
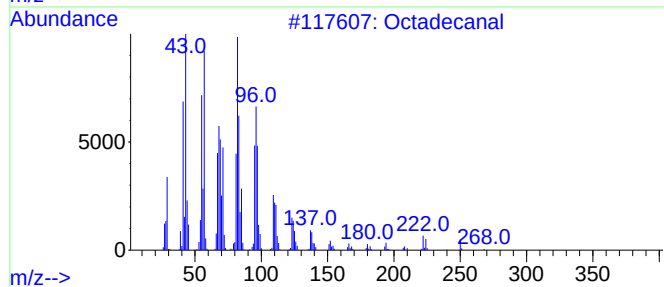
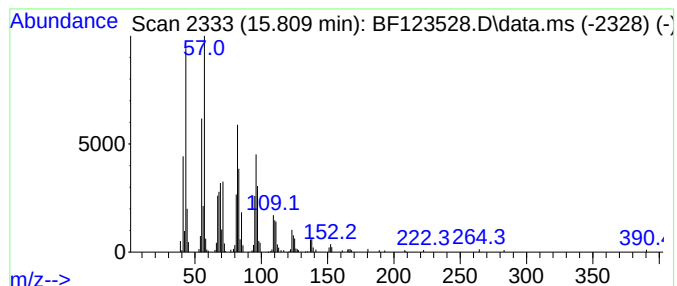
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,19-Eicosadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	14.20 ng	467919	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			1,19-Eicosadiene	278	C20H38	014811-95-1	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			1,15-Hexadecadiene	222	C16H30	021964-51-2	91
5			17-Octadecenal	266	C18H34O	056554-86-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
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Instrument :
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ClientSampleId :
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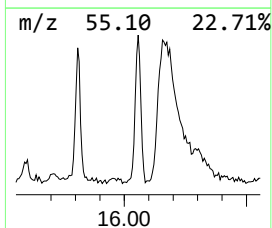
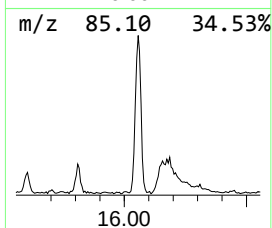
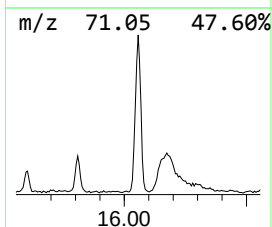
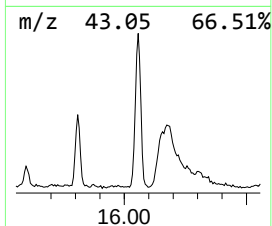
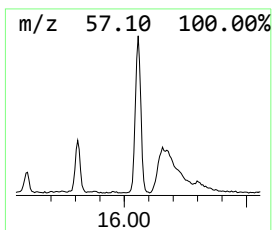
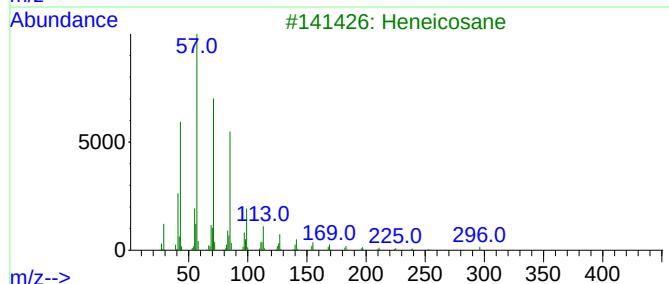
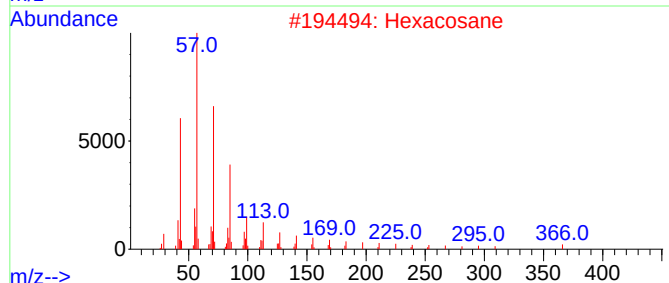
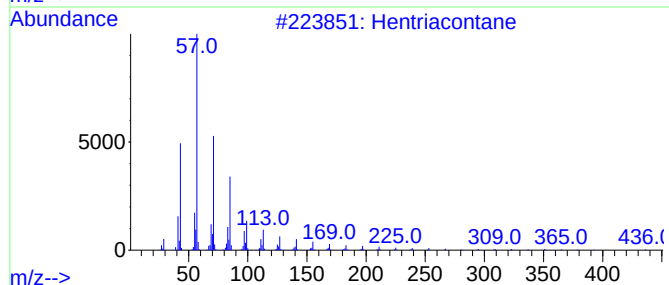
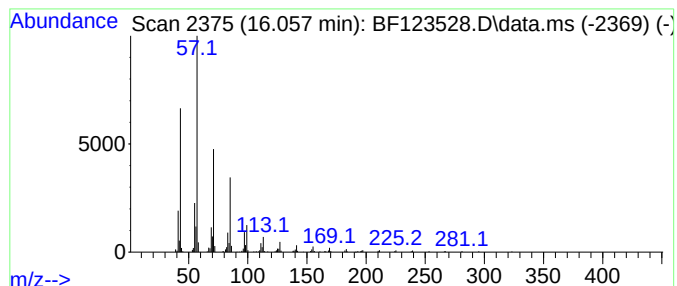
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	23.12 ng	761668	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
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Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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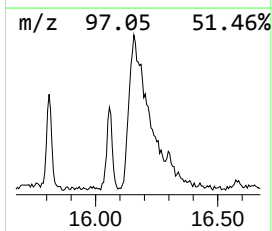
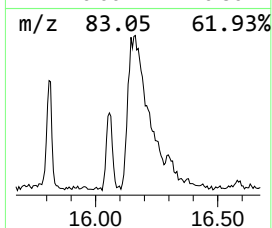
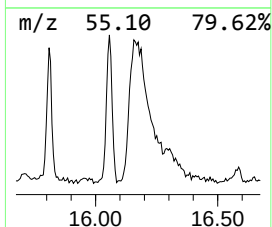
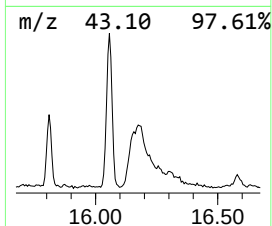
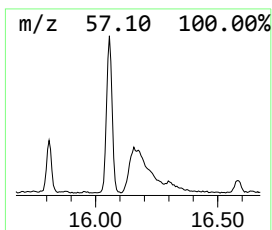
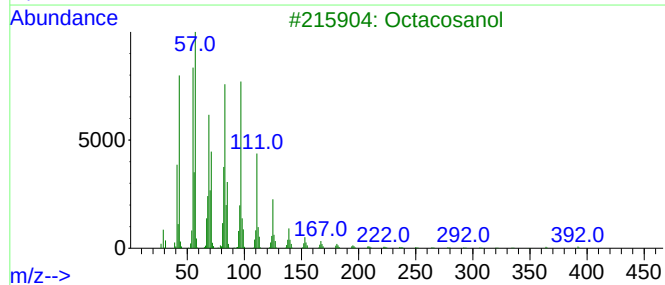
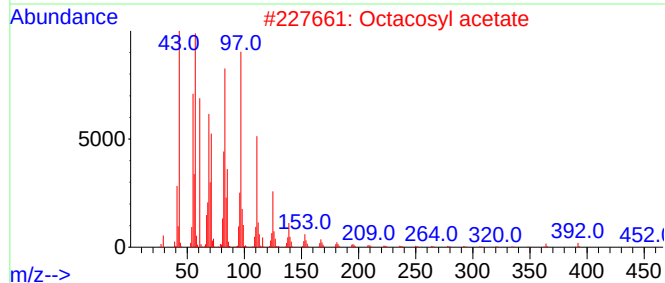
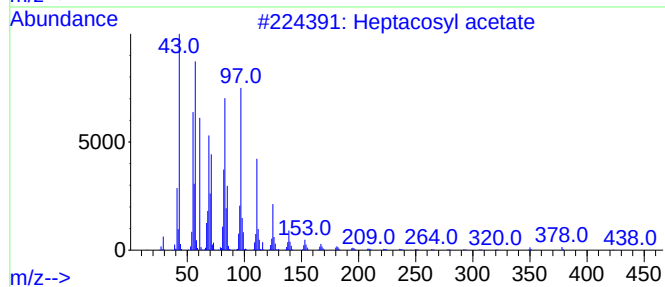
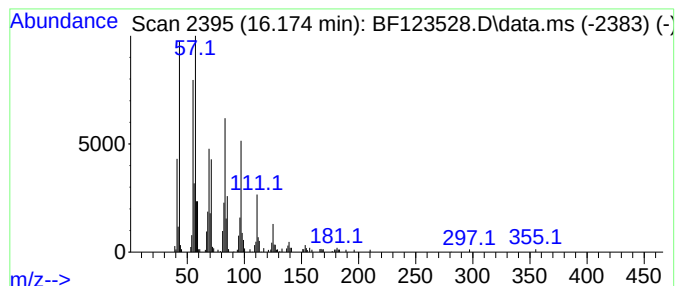
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	43.78 ng	1442500	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
2			Octacosyl acetate	452	C30H60O2	018206-97-8	90
3			Octacosanol	410	C28H58O	000557-61-9	90
4			Triacontyl acetate	480	C32H64O2	041755-58-2	87
5			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
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Misc :
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Instrument :
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ClientSampled :
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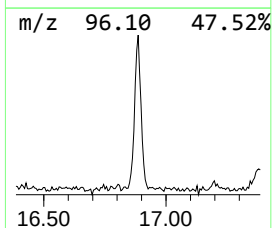
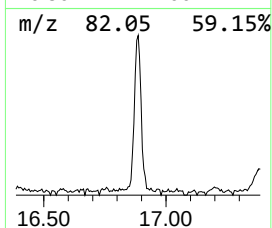
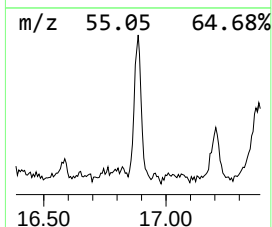
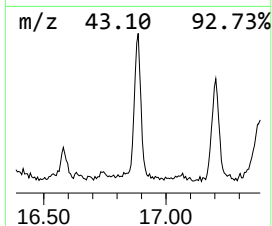
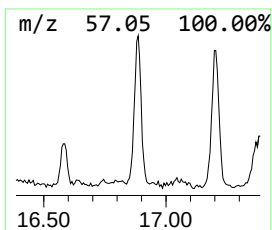
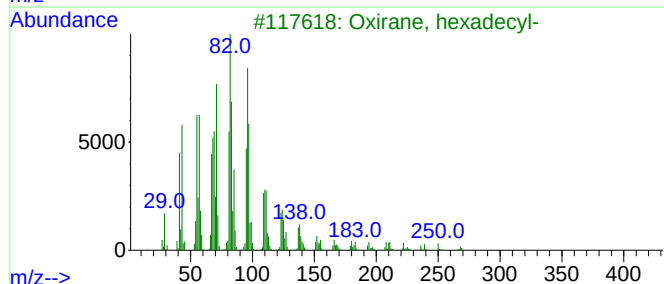
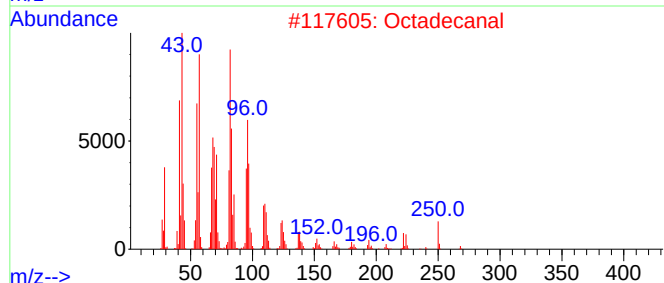
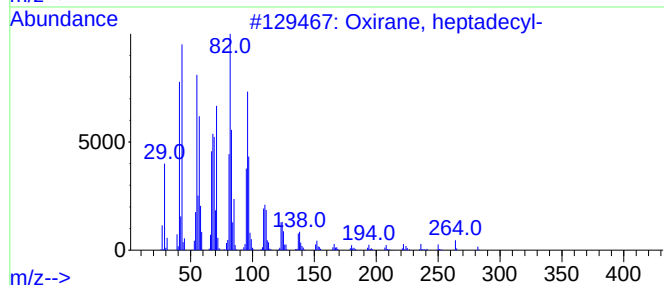
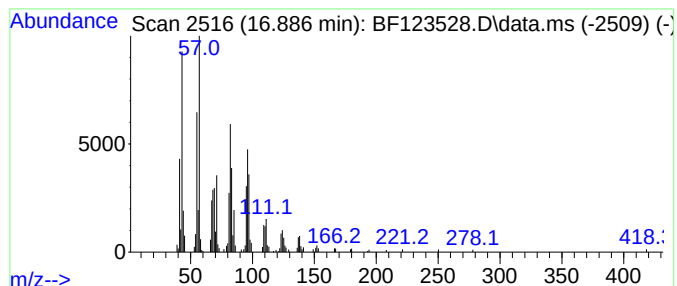
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, heptadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	16.19 ng	533397	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2			Octadecanal	268	C18H36O	000638-66-4	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			1,19-Eicosadiene	278	C20H38	014811-95-1	90
5			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
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Instrument :
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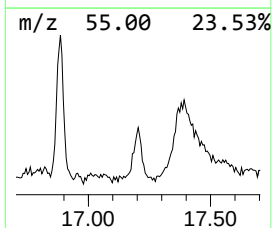
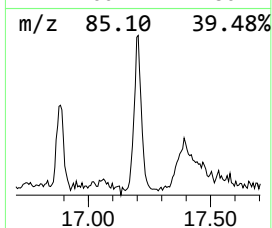
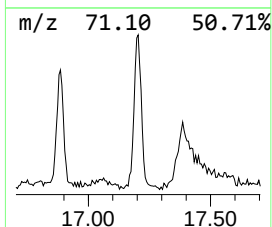
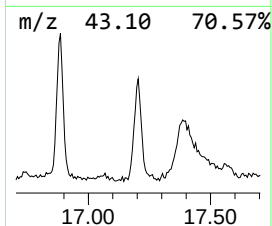
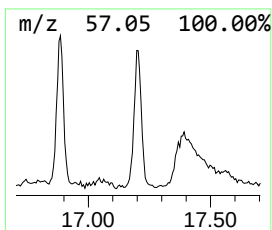
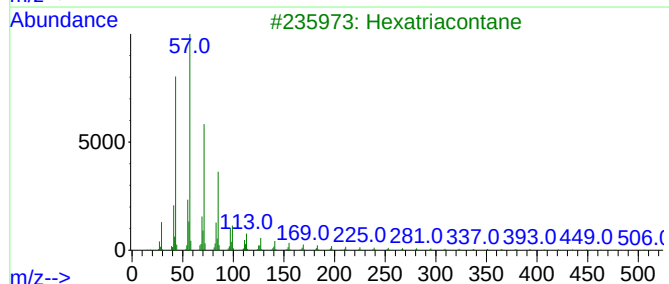
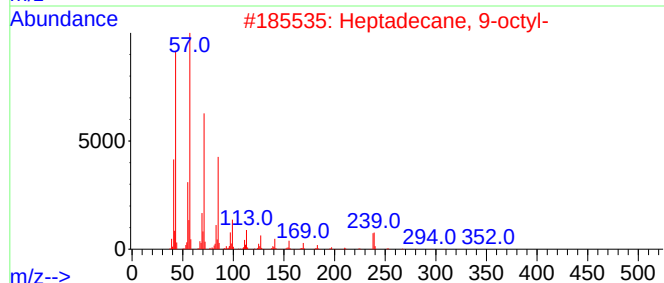
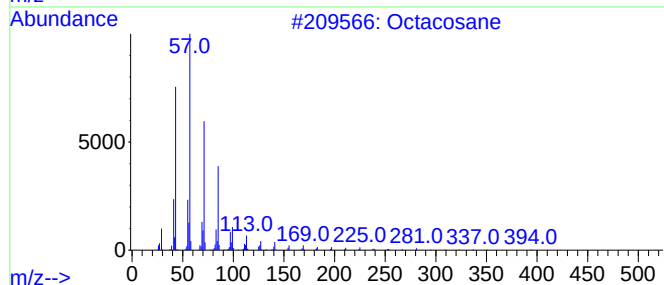
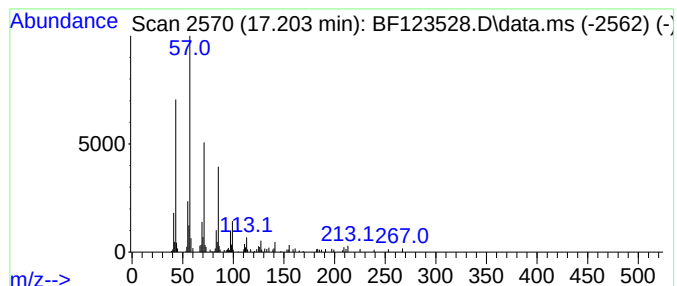
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.203	9.33 ng	307532	Perylene-d12	15.557

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
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Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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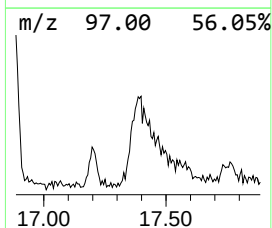
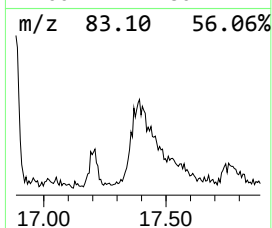
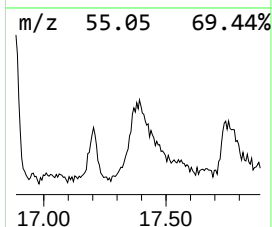
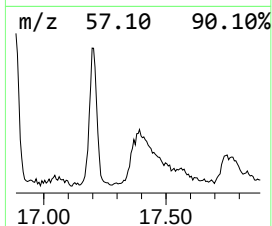
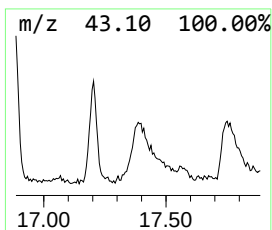
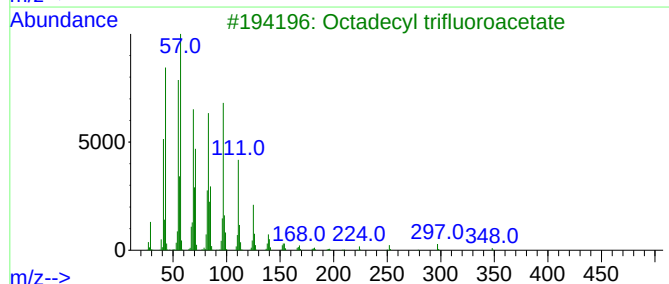
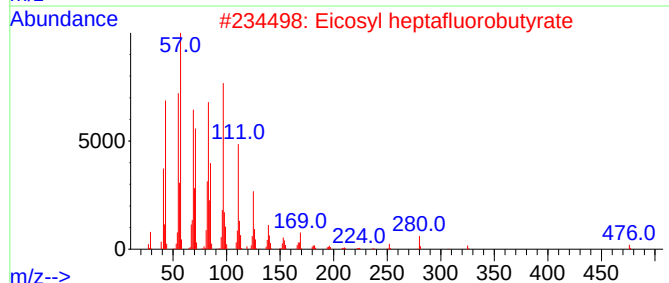
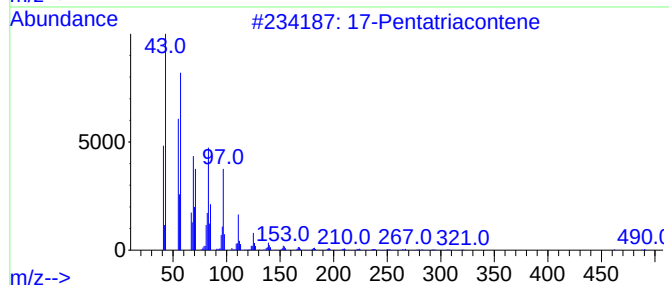
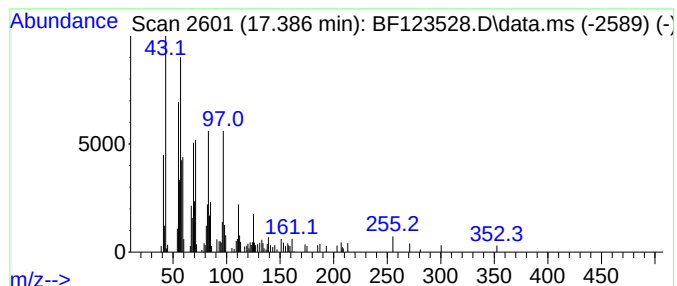
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 17-Pentatriacontene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.386	19.05 ng	627709	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	83
2			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	62
3			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	60
4			Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	60
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
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Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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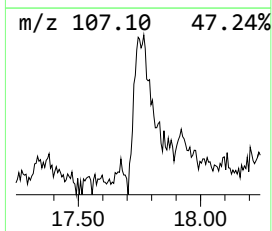
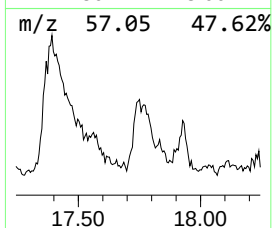
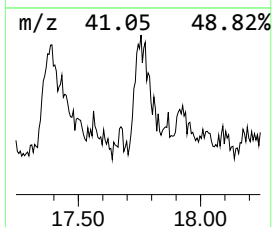
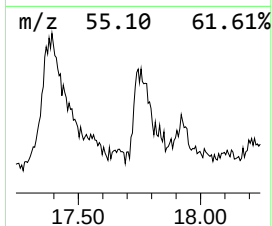
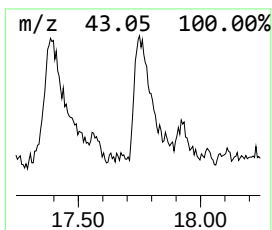
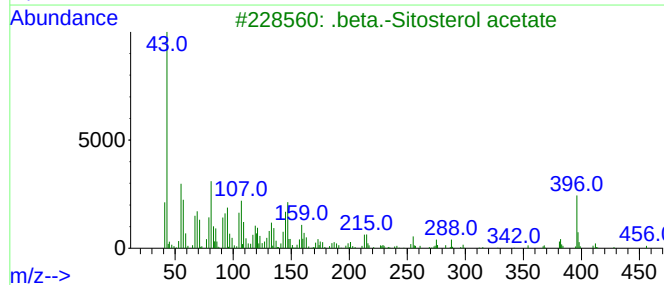
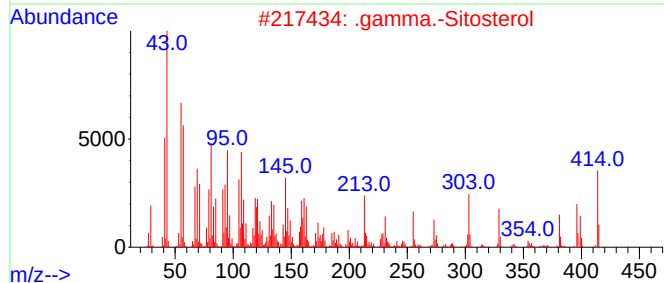
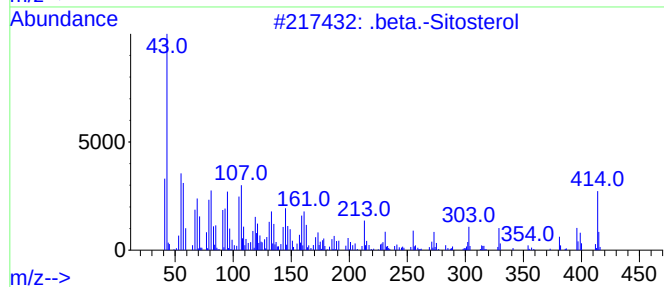
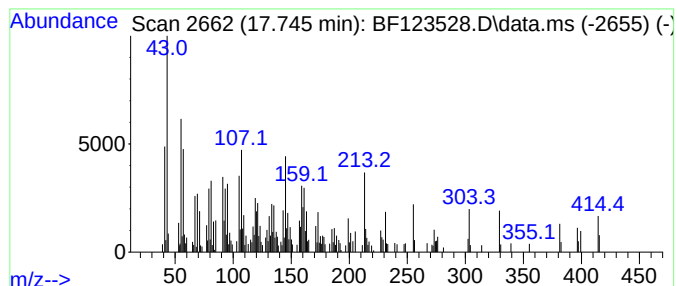
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	30.89 ng	1017800	Perylene-d12	15.557

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	55
3		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	32
4		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	30
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
Operator : JU/CG
Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IG005

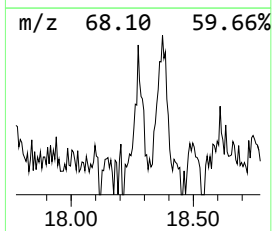
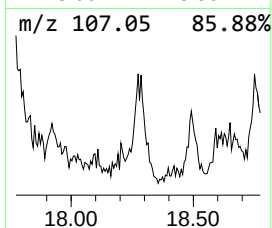
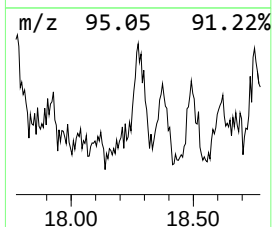
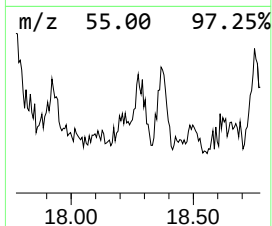
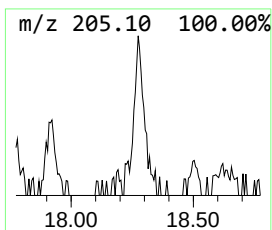
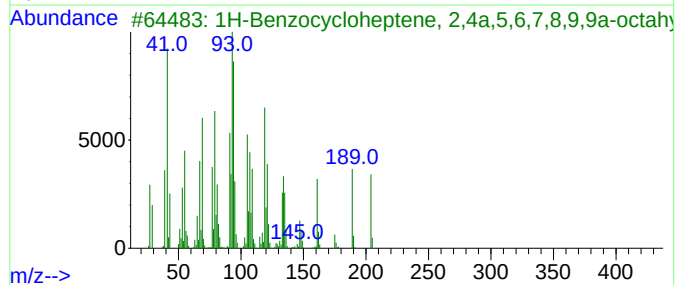
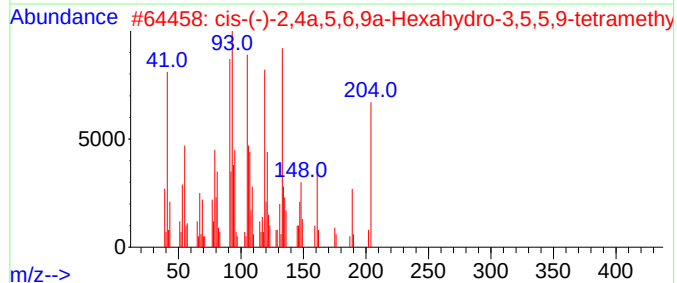
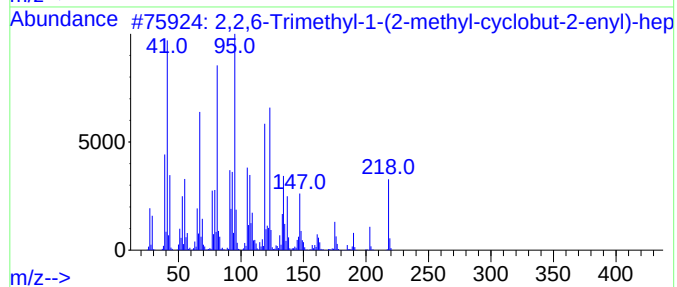
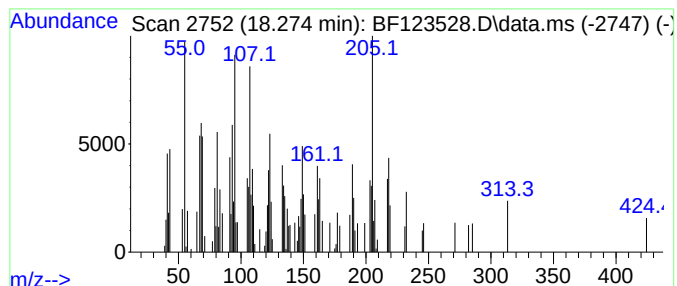
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.274 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	8.39 ng	276294	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	35		
2	cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	25		
3	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	080923-88-2	25		
4	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	22		
5	1-Propyl-2,2-bis(phenylthio)cycl...	314	C19H22S2	122732-89-2	22		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123528.D
Acq On : 30 Mar 2021 18:46
Operator : JU/CG
Sample : M1832-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IG005

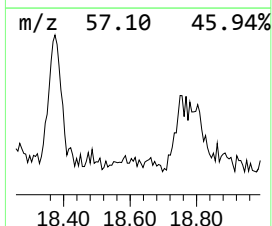
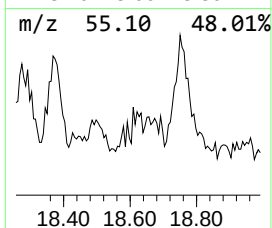
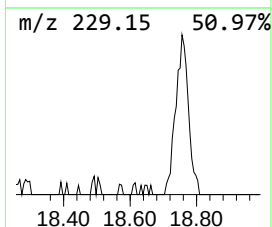
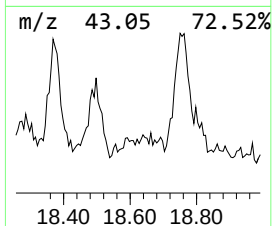
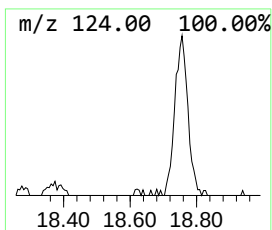
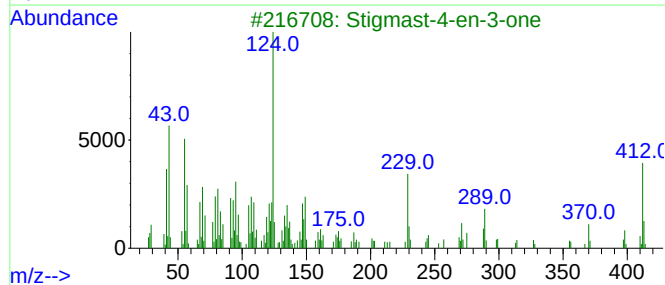
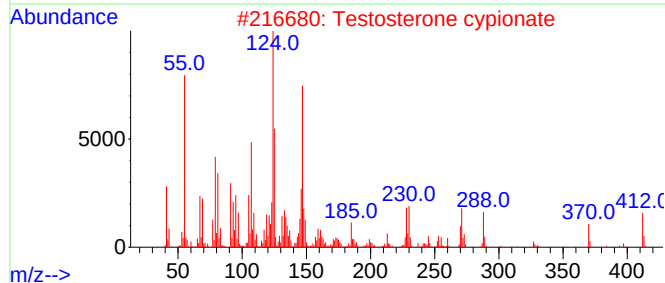
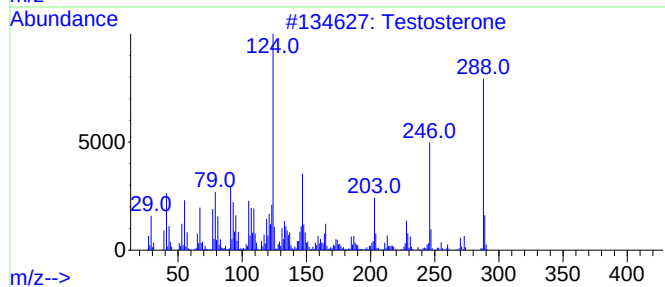
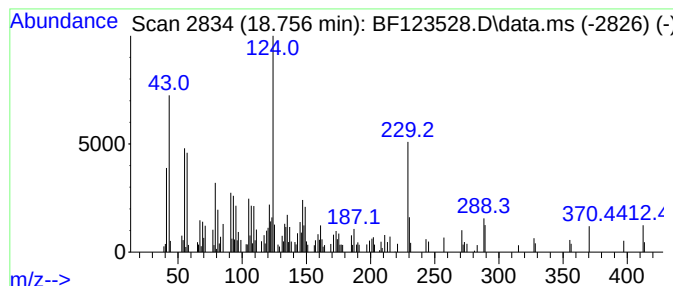
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Testosterone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.756	13.33 ng	439342	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Testosterone	288	C19H28O2	000058-22-0	87
2			Testosterone cypionate	412	C27H40O3	000058-20-8	78
3			Stigmast-4-en-3-one	412	C29H48O	001058-61-3	53
4			Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	43
5			3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123528.D
 Acq On : 30 Mar 2021 18:46
 Operator : JU/CG
 Sample : M1832-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG005

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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...	2.216	33.7	ng	1492450	1	6.881	885114	20.0
2-Pentanone, 4-...	5.122	17.1	ng	754458	1	6.881	885114	20.0
n-Hexadecanoic ...	11.957	19.1	ng	1468260	4	11.422	1538700	20.0
1-Naphthalenepr...	12.504	9.5	ng	729796	4	11.422	1538700	20.0
Octacosane	13.916	8.0	ng	370047	5	14.063	924746	20.0
n-Nonadecanol-1	13.945	23.8	ng	1099330	5	14.063	924746	20.0
Hexadecane, 3-m...	14.539	11.4	ng	528895	5	14.063	924746	20.0
1-Heneicosanol	14.598	17.0	ng	784290	5	14.063	924746	20.0
Octadecanal	15.004	7.9	ng	260011	6	15.557	658978	20.0
Nonadecane, 4-m...	15.210	23.4	ng	770391	6	15.557	658978	20.0
Octacosanol	15.286	40.7	ng	1341210	6	15.557	658978	20.0
1,19-Eicosadiene	15.810	14.2	ng	467919	6	15.557	658978	20.0
Hentriacontane	16.057	23.1	ng	761668	6	15.557	658978	20.0
Heptacosyl acetate	16.174	43.8	ng	1442500	6	15.557	658978	20.0
Oxirane, heptad...	16.886	16.2	ng	533397	6	15.557	658978	20.0
Heptadecane, 9-...	17.203	9.3	ng	307532	6	15.557	658978	20.0
17-Pentatriacon...	17.386	19.1	ng	627709	6	15.557	658978	20.0
.beta.-Sitosterol	17.745	30.9	ng	1017800	6	15.557	658978	20.0
unknown18.274	18.274	8.4	ng	276294	6	15.557	658978	20.0
Testosterone	18.756	13.3	ng	439342	6	15.557	658978	20.0