

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123133.D
 Acq On : 5 Feb 2021 13:55
 Operator : JU/CG
 Sample : M1315-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	7	14	23	rVB	349337	476768	2.77%	0.459%
2	5.510	577	582	593	rBV	3284684	3176012	18.45%	3.058%
3	6.516	748	753	768	rBV	3071022	3330426	19.34%	3.207%
4	6.892	814	817	821	rVB	1314623	1022297	5.94%	0.984%
5	7.451	907	912	915	rBV	2223151	2102228	12.21%	2.024%
6	8.175	1031	1035	1039	rBV	1436266	1339289	7.78%	1.290%
7	9.257	1214	1219	1222	rBV	4375511	3815301	22.16%	3.674%
8	9.939	1331	1335	1338	rBV	1851445	1542568	8.96%	1.485%
9	10.727	1465	1469	1480	rBV	1923741	1920583	11.16%	1.849%
10	11.380	1576	1580	1585	rVV	856506	855452	4.97%	0.824%
11	11.433	1585	1589	1591	rVV	1711659	1693318	9.84%	1.631%
12	11.451	1591	1592	1595	rVV	671212	501029	2.91%	0.482%
13	11.733	1636	1640	1646	rBV	451654	522300	3.03%	0.503%
14	11.816	1651	1654	1658	rBV	236926	244965	1.42%	0.236%
15	11.974	1665	1681	1691	rBV	5702298	10780533	62.62%	10.381%
16	12.063	1691	1696	1700	rVB3	193143	355909	2.07%	0.343%
17	12.192	1703	1718	1722	rVV	1730524	5530216	32.12%	5.325%
18	12.227	1722	1724	1731	rVV	1557351	1939500	11.27%	1.868%
19	12.286	1731	1734	1737	rVB	572694	570477	3.31%	0.549%
20	12.416	1753	1756	1758	rBV	399085	320741	1.86%	0.309%
21	12.469	1762	1765	1770	rVB3	122240	172556	1.00%	0.166%
22	12.551	1775	1779	1785	rVB	694969	903488	5.25%	0.870%
23	12.616	1786	1790	1793	rBV	392020	476466	2.77%	0.459%
24	12.651	1793	1796	1805	rBV	898046	1477089	8.58%	1.422%
25	12.763	1807	1815	1819	rBV	5207822	8308134	48.26%	8.000%
26	12.880	1830	1835	1840	rVB	594872	718622	4.17%	0.692%
27	13.027	1856	1860	1863	rVB	5257539	4741472	27.54%	4.566%
28	13.668	1961	1969	1975	rBV3	740372	1689526	9.81%	1.627%
29	14.045	2027	2033	2035	rBV2	227464	438938	2.55%	0.423%
30	14.080	2035	2039	2042	rVV2	1975307	2324856	13.50%	2.239%
31	14.104	2042	2043	2046	rVV	304059	268709	1.56%	0.259%
32	14.280	2069	2073	2080	rVB	1131681	1738522	10.10%	1.674%
33	14.715	2143	2147	2151	rVB	1282158	1132029	6.58%	1.090%
34	14.821	2159	2165	2170	rBV	1099673	1726304	10.03%	1.662%
35	14.868	2170	2173	2181	rVB2	255358	366617	2.13%	0.353%
36	14.951	2183	2187	2190	rBV	519304	540499	3.14%	0.520%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.133	2214	2218	2221	rBV	196143	286542	1.66%	0.276%
38	15.215	2227	2232	2235	rVB	212330	301062	1.75%	0.290%
39	15.404	2258	2264	2269	rBV	627392	1074659	6.24%	1.035%
40	15.504	2278	2281	2288	rBV	157795	259675	1.51%	0.250%
41	15.574	2288	2293	2297	rVV	1255055	1630531	9.47%	1.570%
42	15.604	2297	2298	2307	rVB2	177536	179336	1.04%	0.173%
43	15.992	2358	2364	2371	rBV3	374758	920254	5.35%	0.886%
44	16.062	2371	2376	2387	rVB	406498	996087	5.79%	0.959%
45	16.674	2468	2480	2501	rBV10	253494	1746317	10.14%	1.682%
46	16.845	2504	2509	2528	rVB2	255606	841535	4.89%	0.810%
47	17.139	2544	2559	2568	rBV	2265907	5494137	31.91%	5.290%
48	17.656	2638	2647	2660	rBV3	619406	2545581	14.79%	2.451%
49	18.539	2788	2797	2810	rVV3	390598	1295108	7.52%	1.247%
50	18.750	2812	2833	2863	rVB	4195480	17216981	100.00%	16.578%

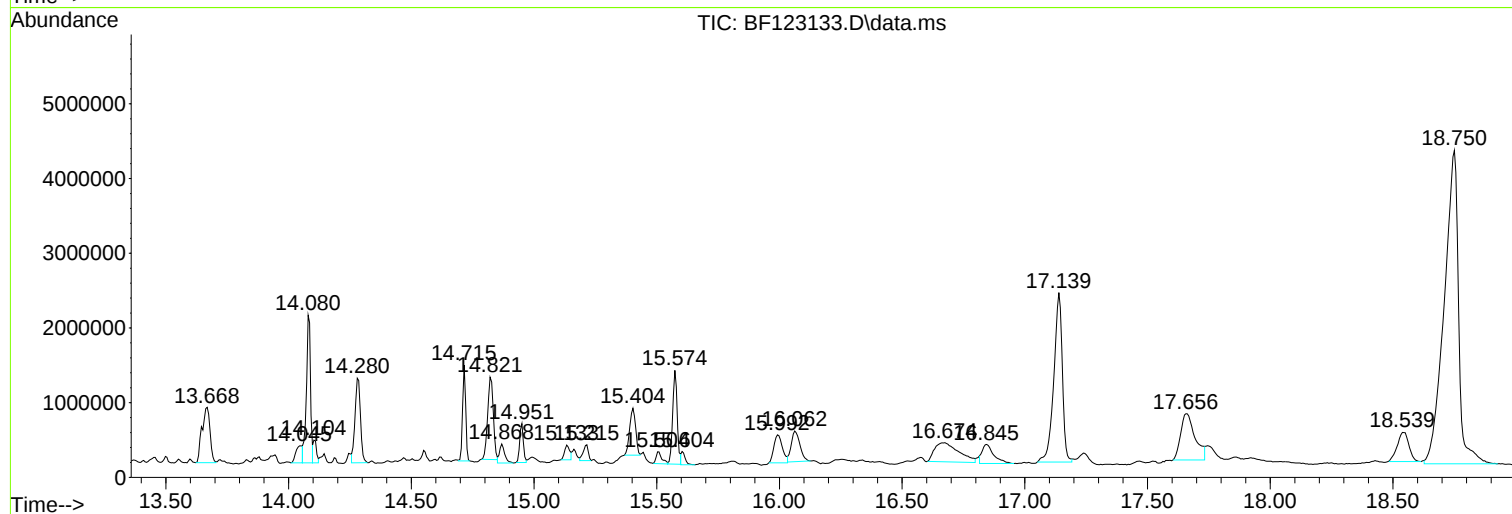
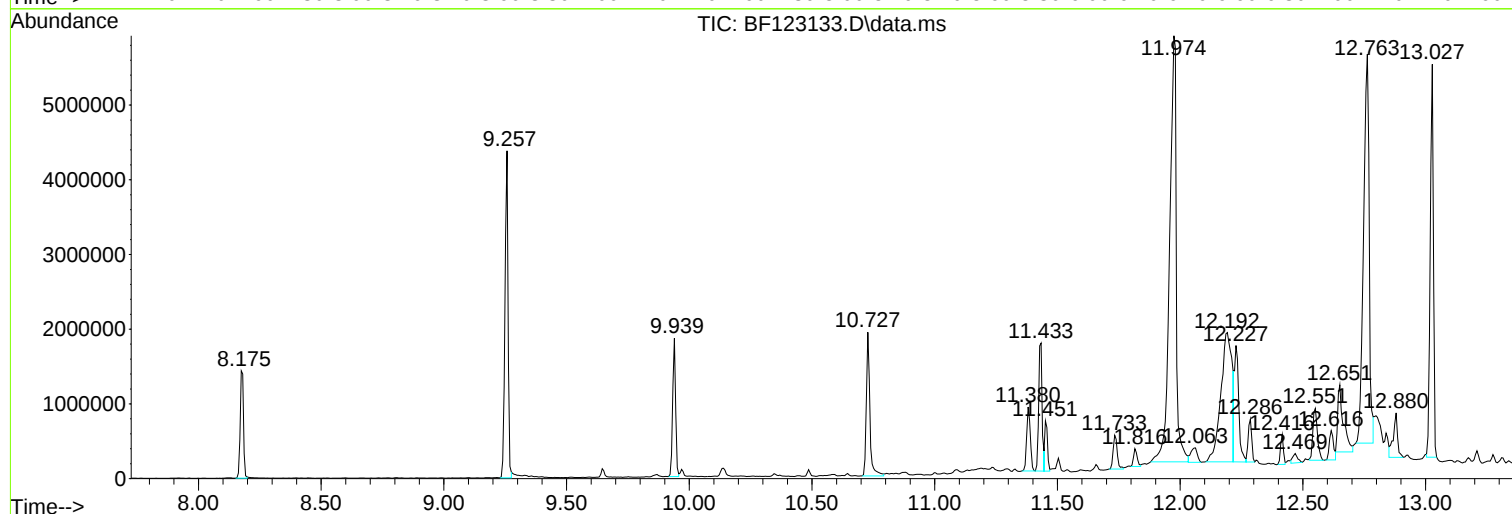
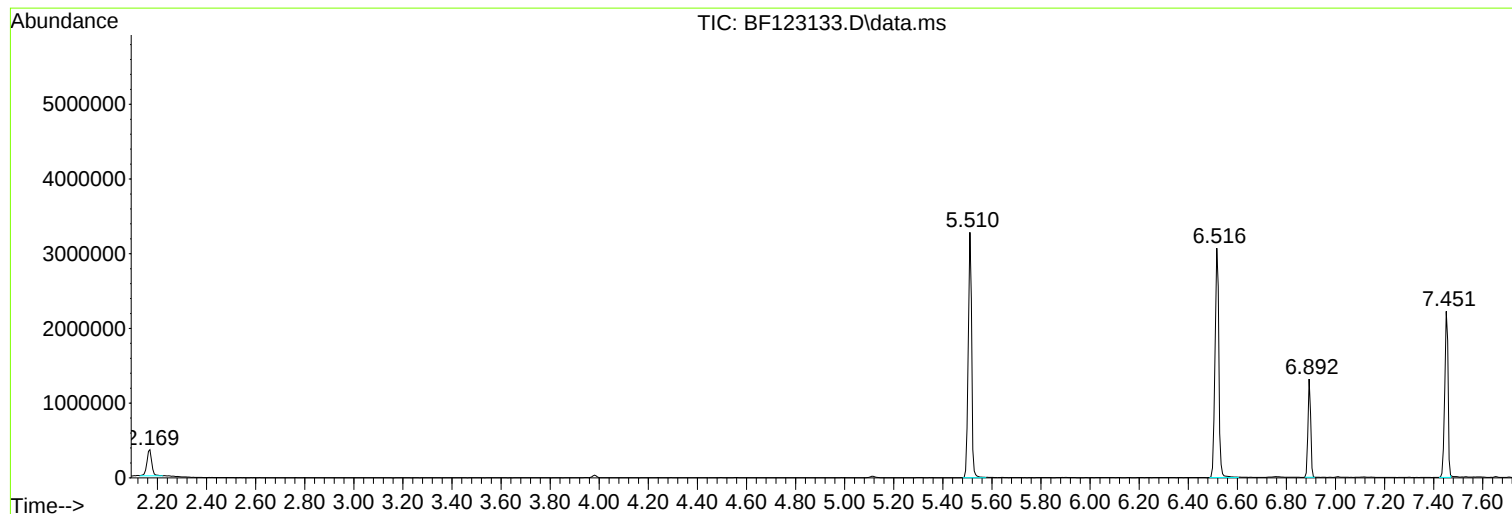
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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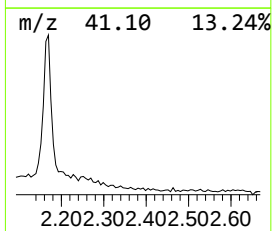
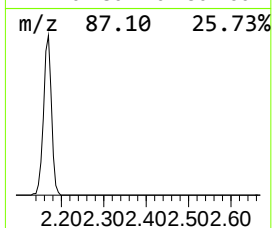
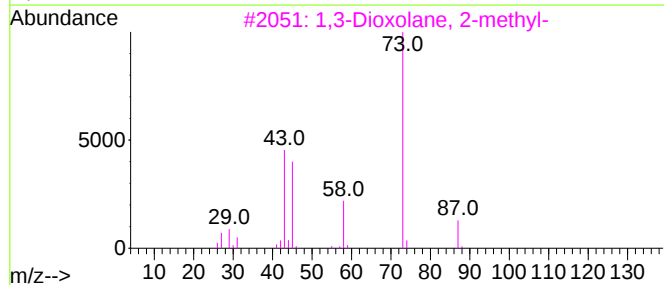
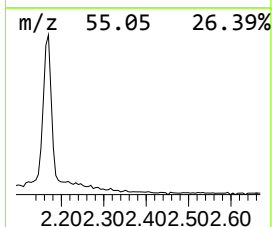
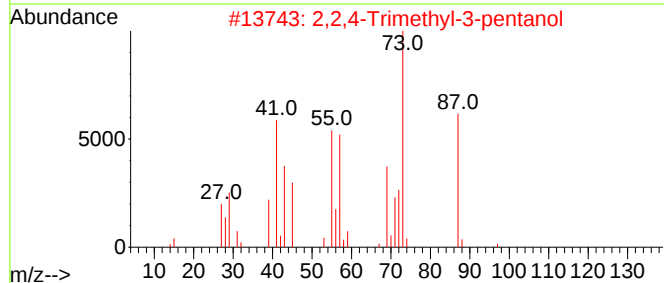
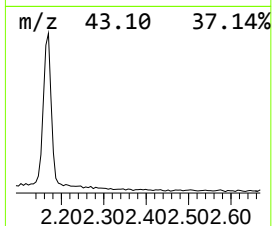
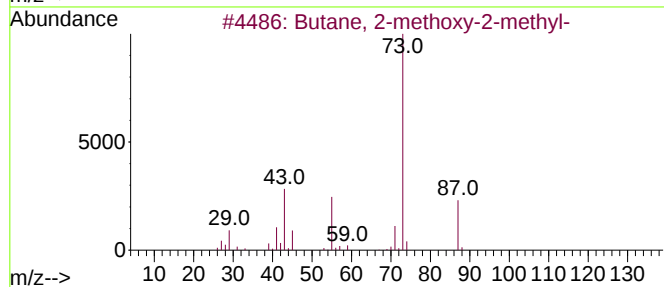
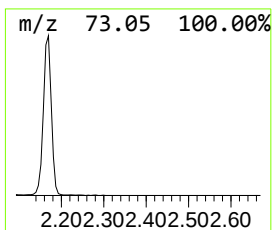
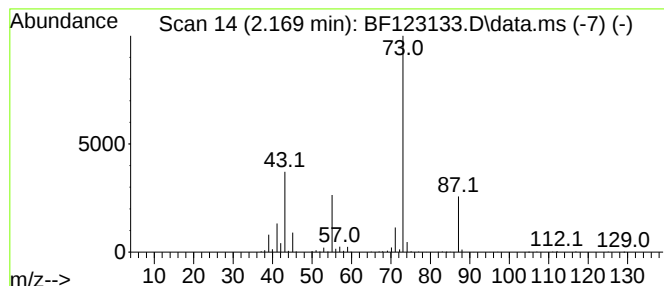
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	9.33 ng	476768	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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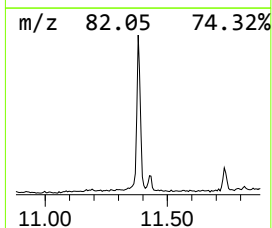
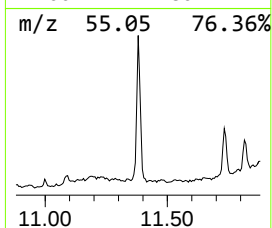
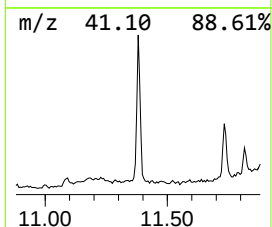
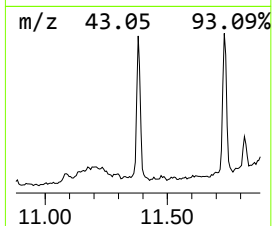
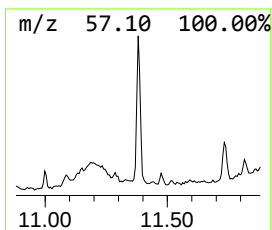
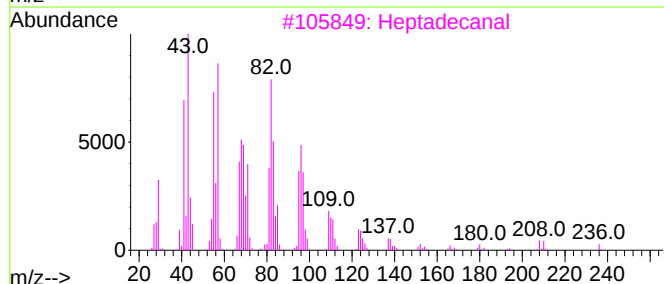
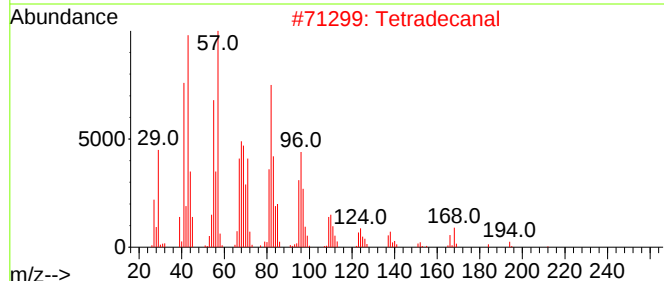
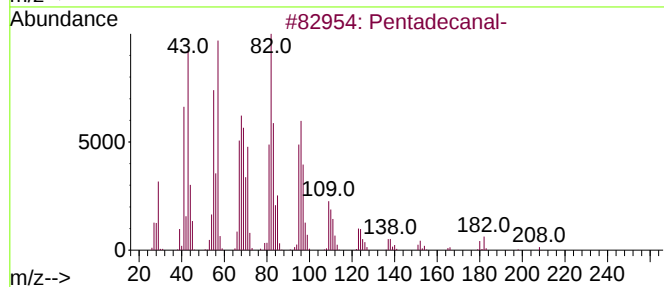
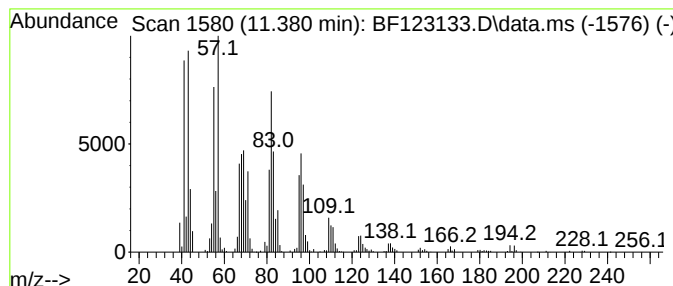
Instrument :
BNA_F
ClientSampled :
SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Pentadecanal- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.380	10.10 ng	855452	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecanal-		226	C15H30O	002765-11-9	95
2	Tetradecanal		212	C14H28O	000124-25-4	94
3	Heptadecanal		254	C17H34O	1000376-70-0	94
4	Hexadecanal		240	C16H32O	000629-80-1	93
5	Oxirane, tridecyl-		226	C15H30O	018633-25-5	91



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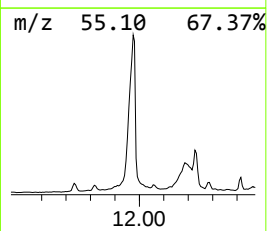
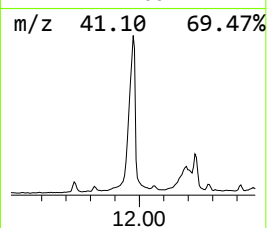
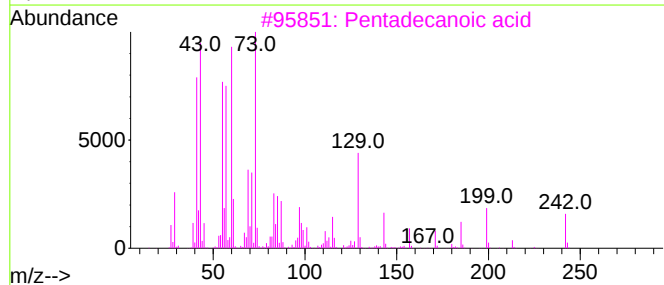
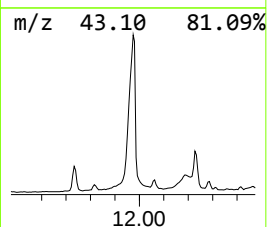
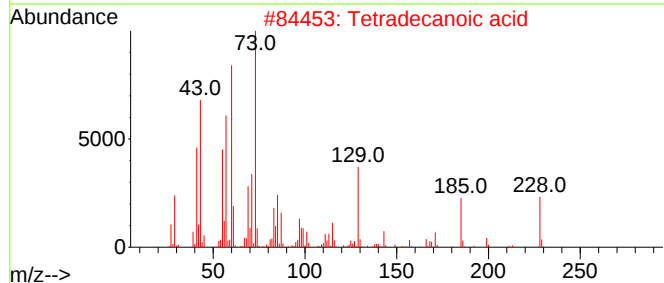
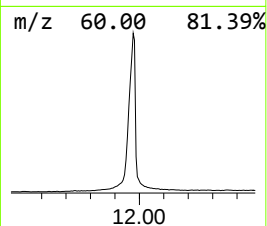
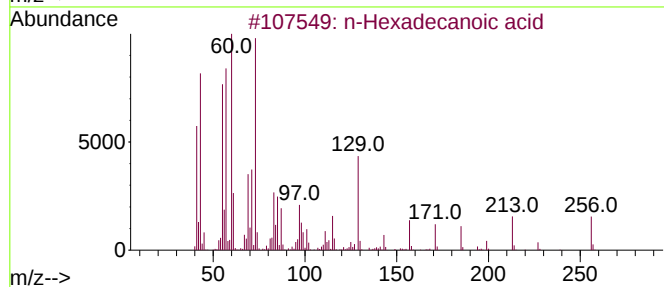
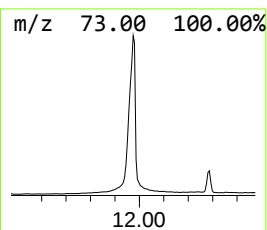
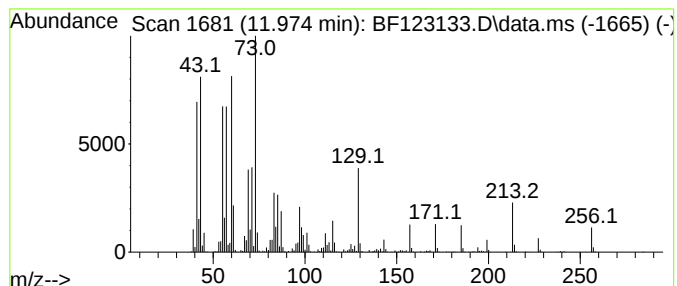
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.975	127.33 ng	10780500	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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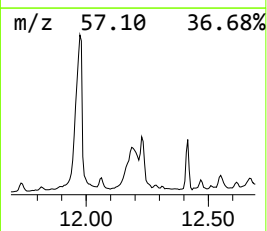
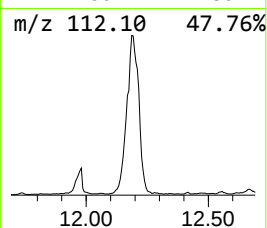
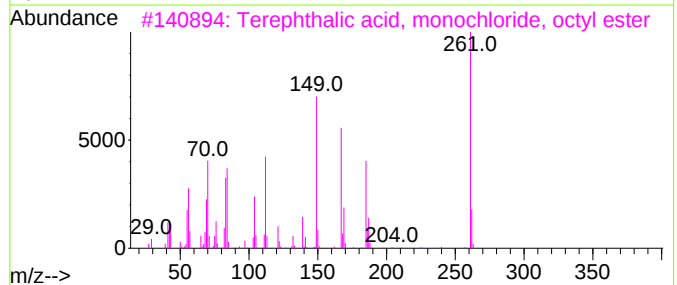
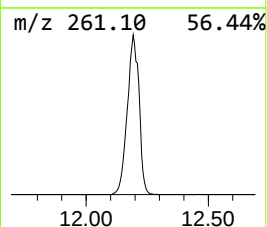
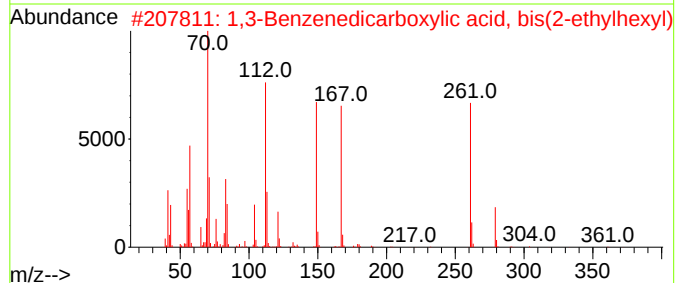
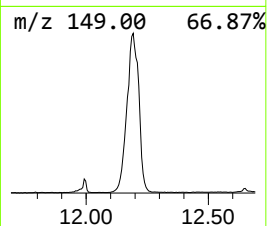
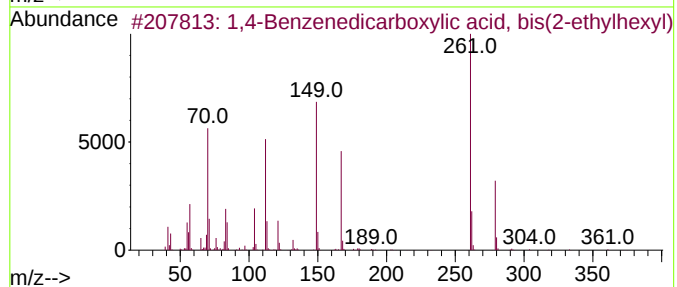
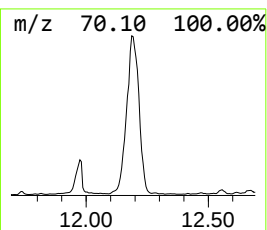
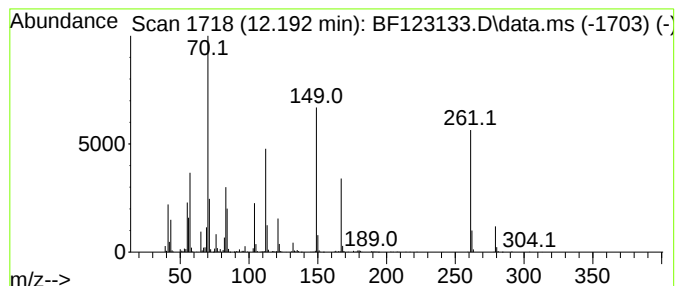
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.192	65.32 ng	5530220	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...		390	C24H38O4	006422-86-2	74
2	1,3-Benzenedicarboxylic acid, bi...		390	C24H38O4	000137-89-3	52
3	Terephthalic acid, monochloride,...		296	C16H21ClO3	1000324-22-9	47
4	Isophthalic acid, 3-methylbut-2-...		348	C21H32O4	1000344-72-4	47
5	Terephthalic acid, 3-methylbut-2-...		348	C21H32O4	1000356-27-6	47



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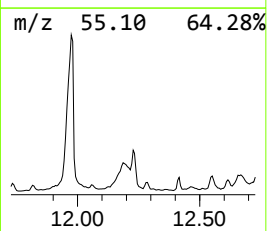
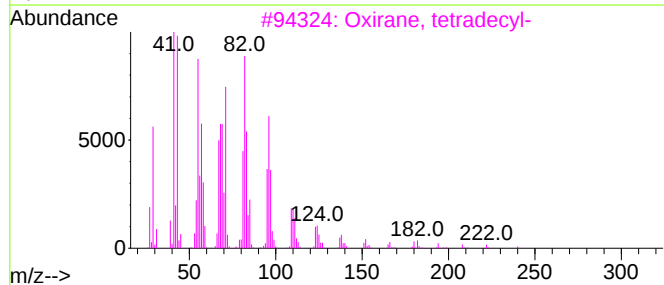
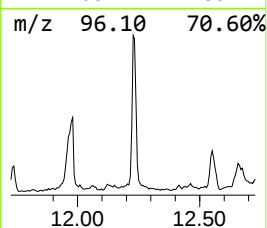
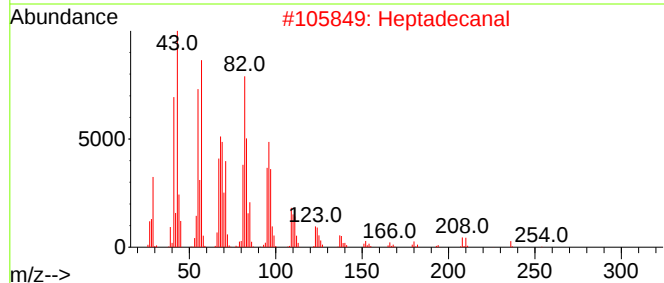
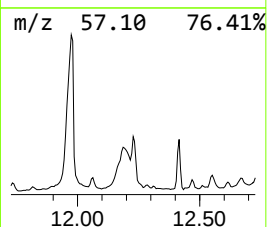
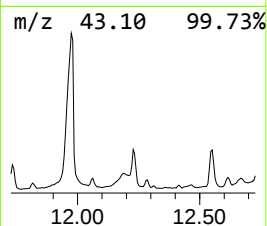
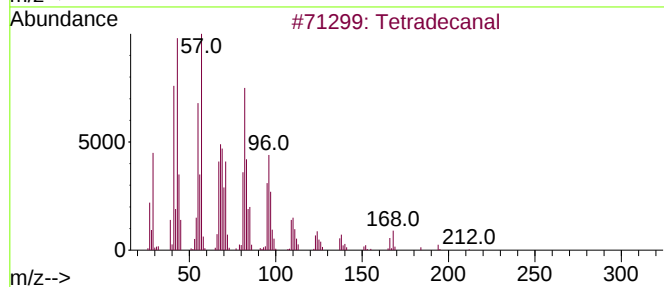
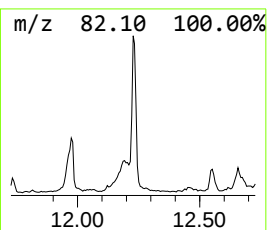
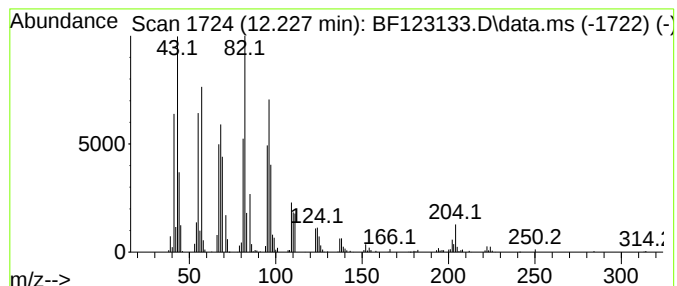
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	22.91 ng	1939500	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanal	212	C14H28O	000124-25-4	94
2			Heptadecanal	254	C17H34O	1000376-70-0	91
3			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
4			Oxirane, tridecyl-	226	C15H30O	018633-25-5	91
5			16-Octadecenal	266	C18H34O	056554-87-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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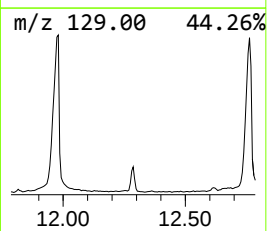
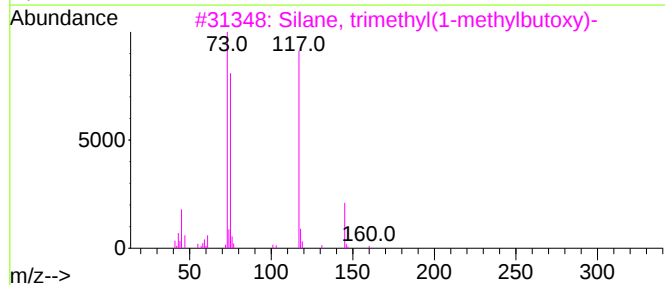
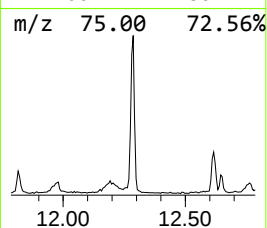
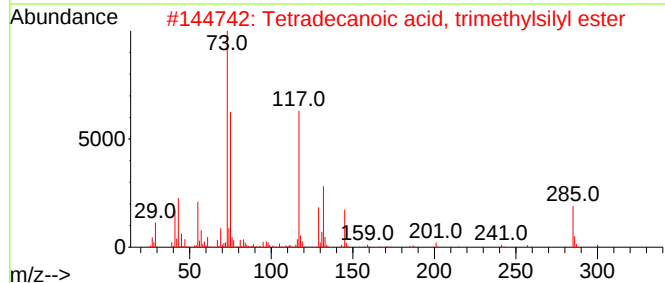
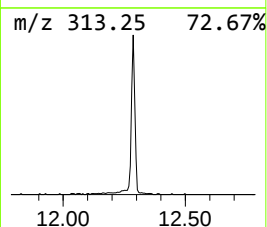
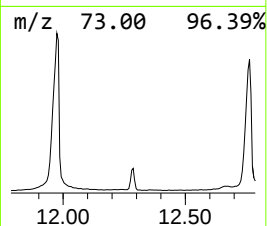
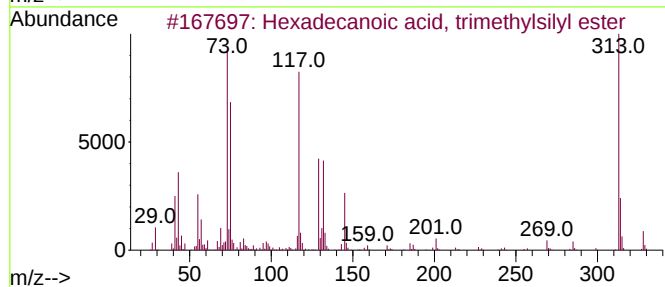
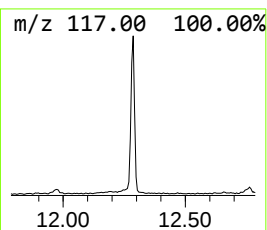
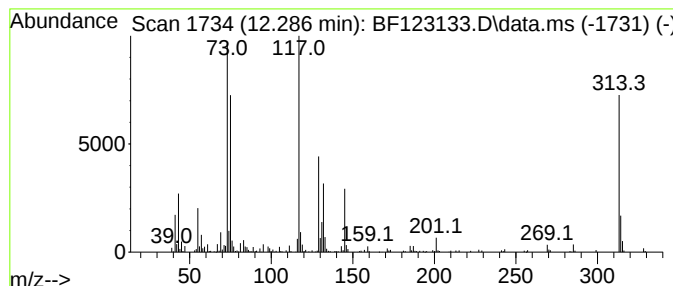
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, trimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	6.74 ng	570477	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, trimethylsilyl...	328	C19H40O2Si	055520-89-3	83
2			Tetradecanoic acid, trimethylsil...	300	C17H36O2Si	018603-17-3	53
3			Silane, trimethyl(1-methylbutoxy)-	160	C8H20O2Si	001825-67-8	45
4			3-Hydroxy-2-butanone, trimethyls...	160	C7H16O2Si	1000333-79-7	38
5			.beta.-Alanine, trimethylsilyl e...	161	C6H15NO2Si	005269-40-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

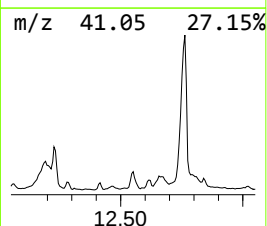
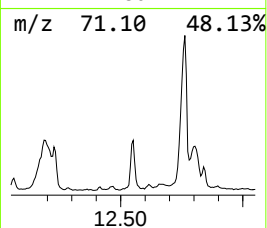
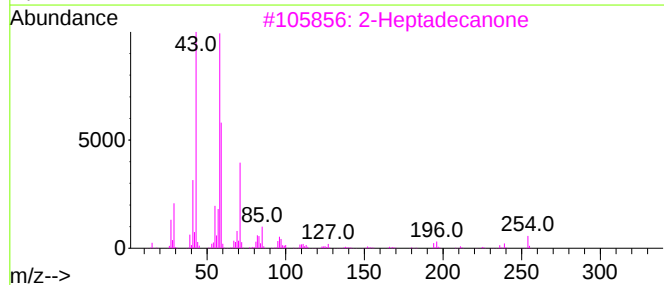
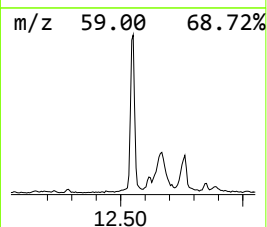
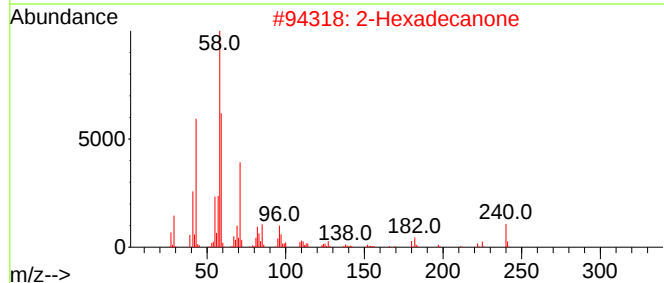
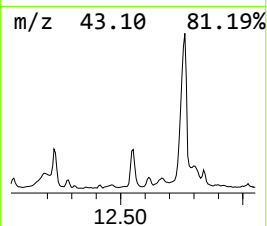
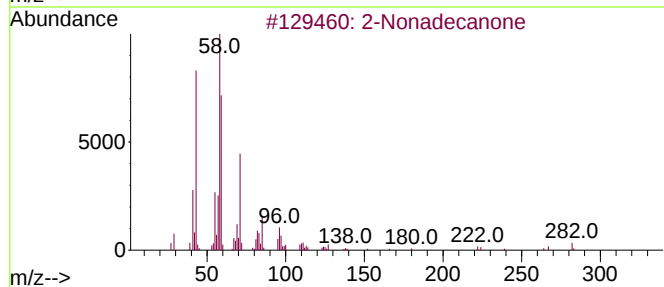
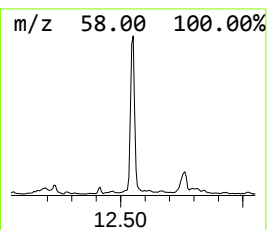
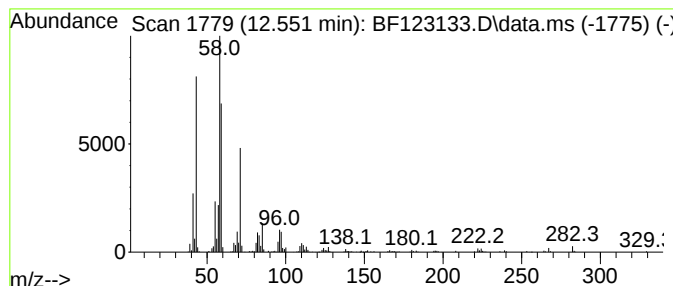
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Nonadecanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.551	10.67 ng	903488	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Nonadecanone		282	C19H38O	000629-66-3	98
2	2-Hexadecanone		240	C16H32O	018787-63-8	83
3	2-Heptadecanone		254	C17H34O	002922-51-2	83
4	Methyl n-hexadecyl ketone		268	C18H36O	007373-13-9	72
5	2-Pentadecanone		226	C15H30O	002345-28-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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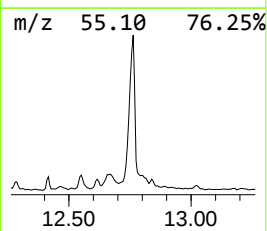
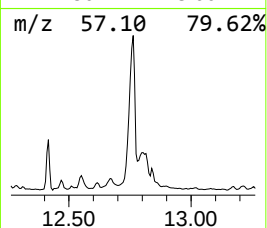
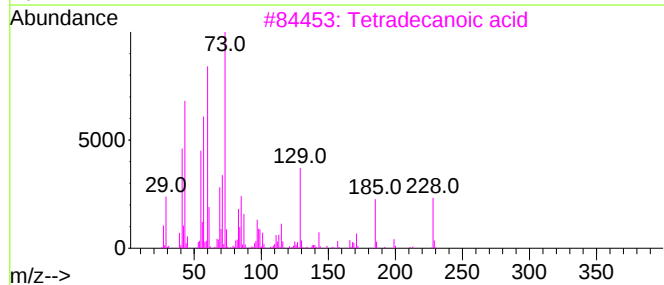
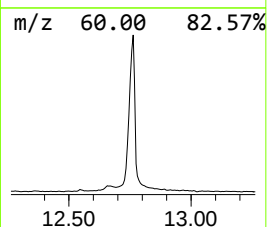
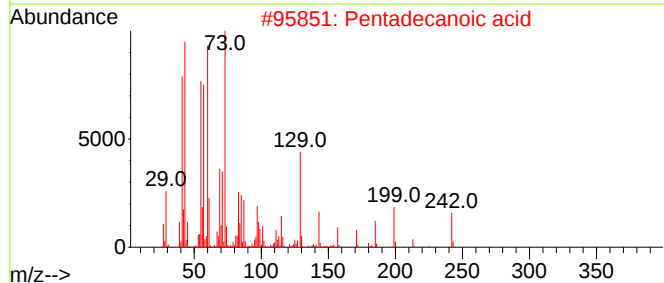
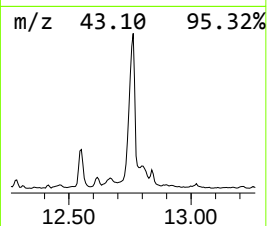
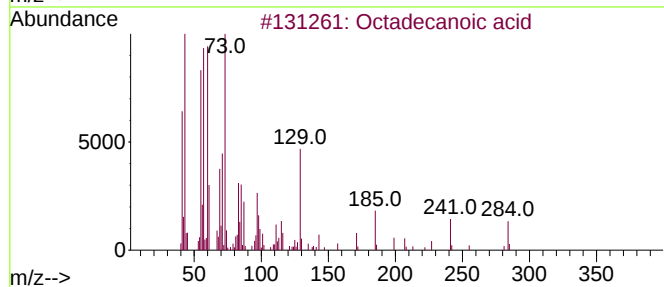
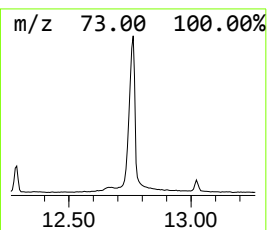
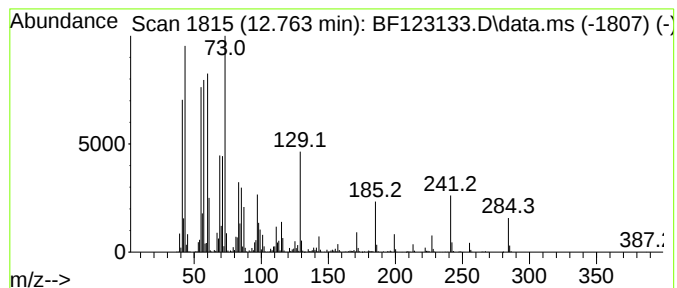
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	71.47 ng	8308130	Chrysene-d12	14.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

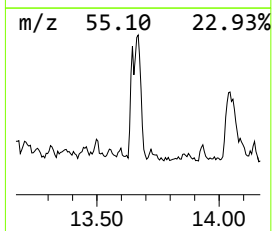
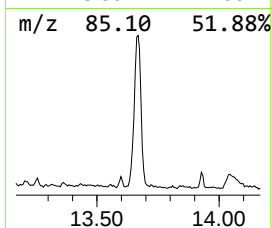
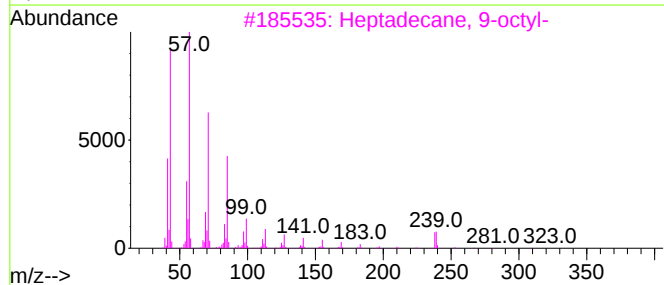
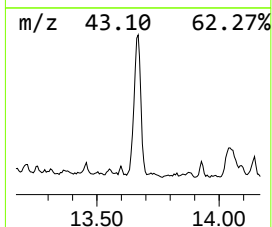
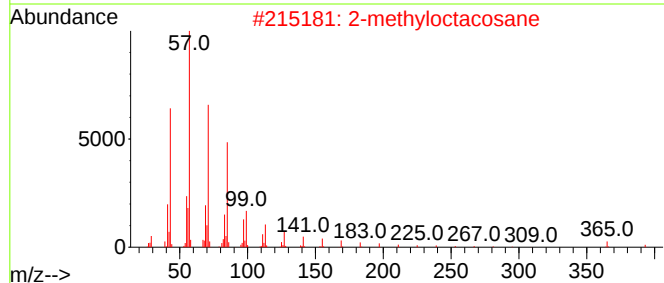
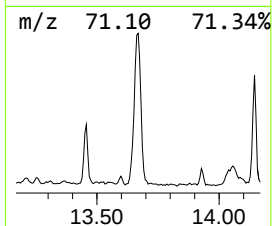
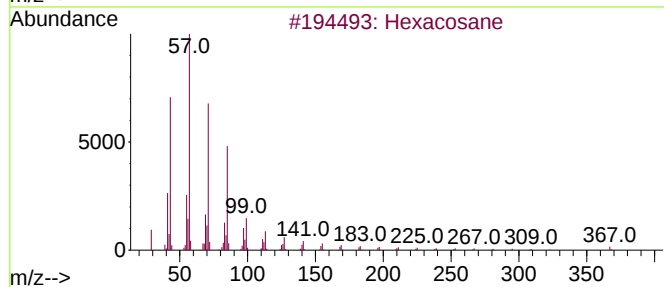
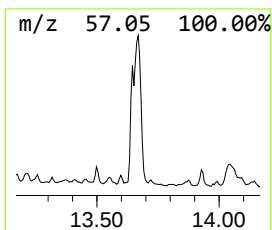
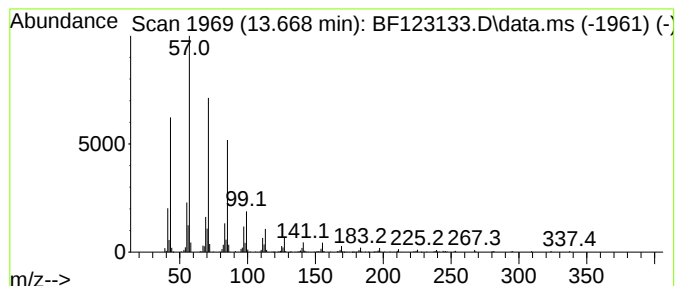
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.669	14.53 ng	1689530	Chrysene-d12	14.086	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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Acq On : 5 Feb 2021 13:55
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Sample : M1315-01
Misc :
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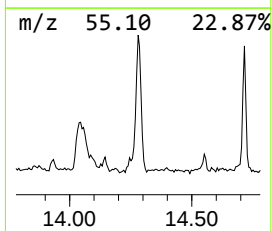
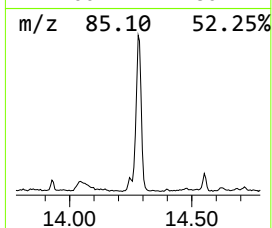
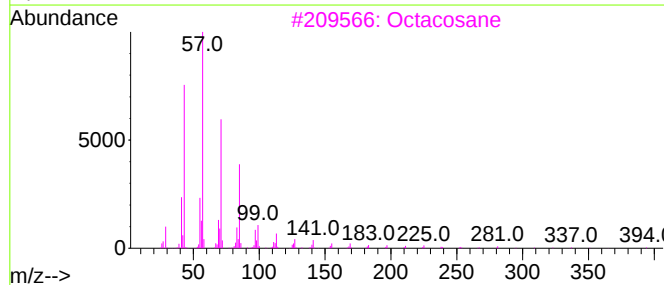
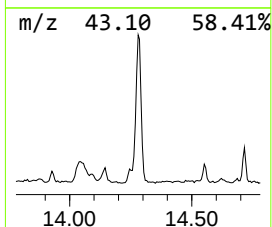
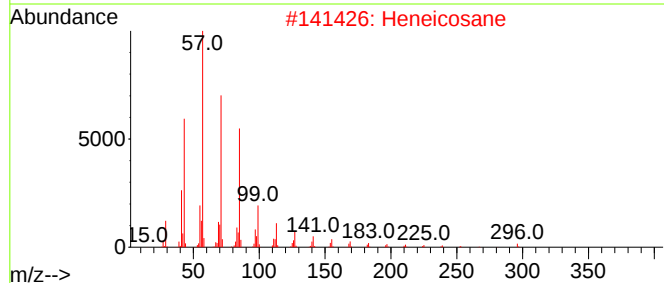
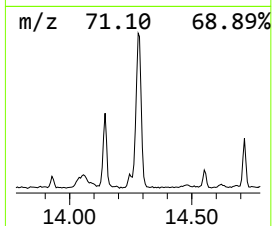
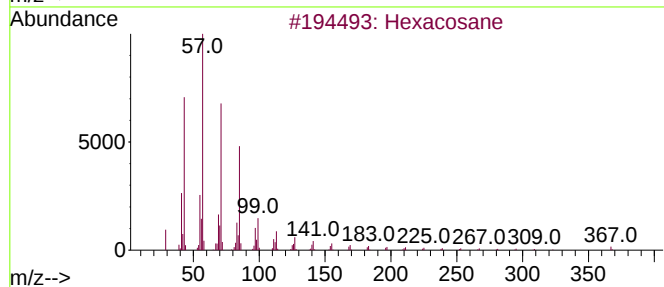
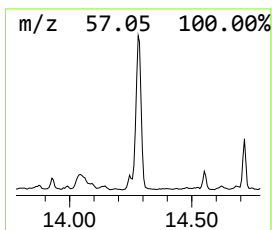
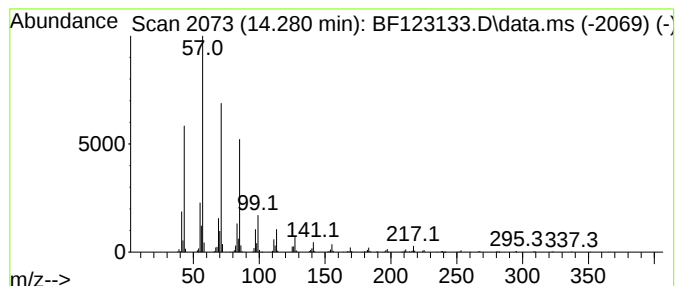
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.280	14.96 ng	1738520	Chrysene-d12		14.086	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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Sample : M1315-01
Misc :
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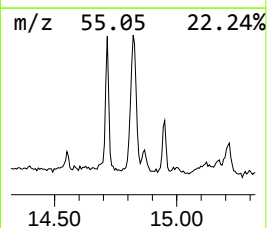
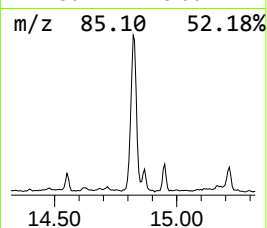
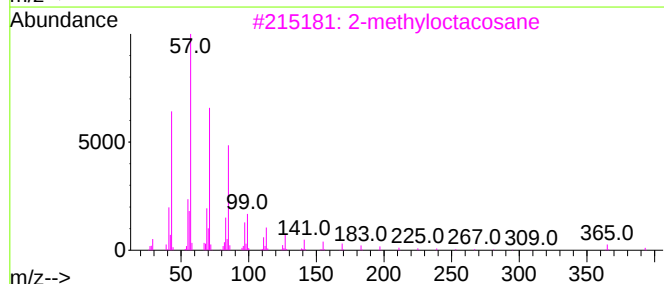
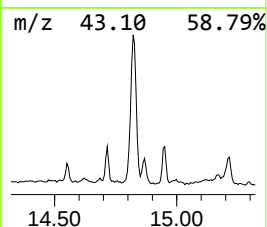
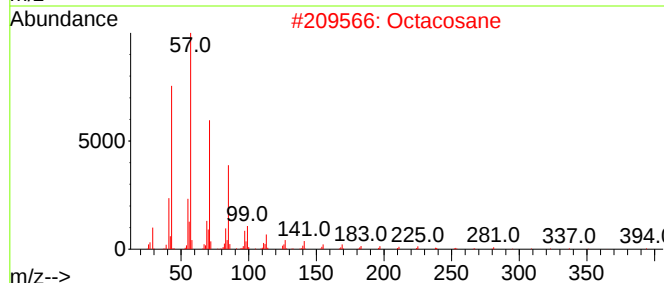
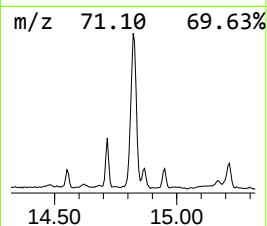
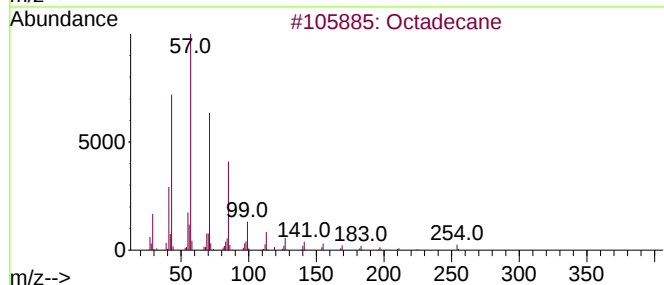
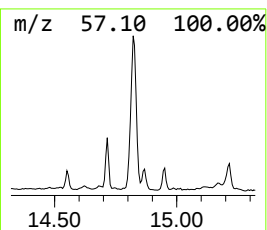
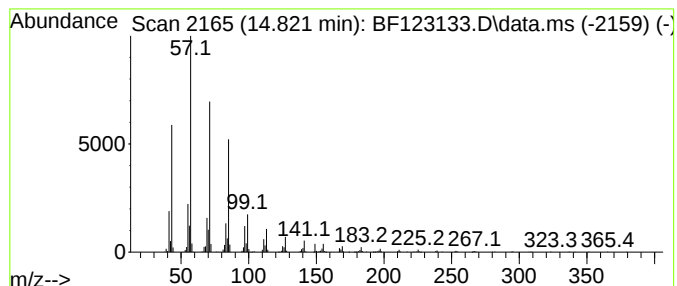
Instrument :
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.821	14.85 ng	1726300	Chrysene-d12		14.086	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	96
2	Octacosane		394	C28H58	000630-02-4	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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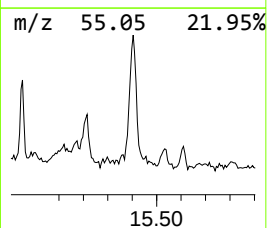
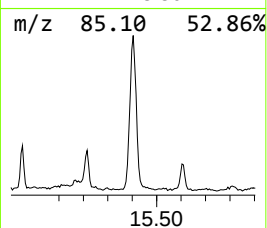
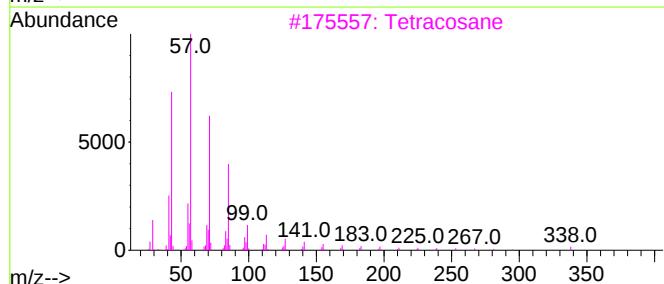
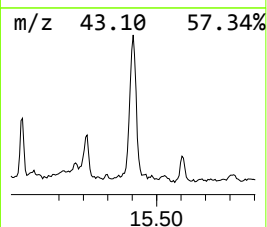
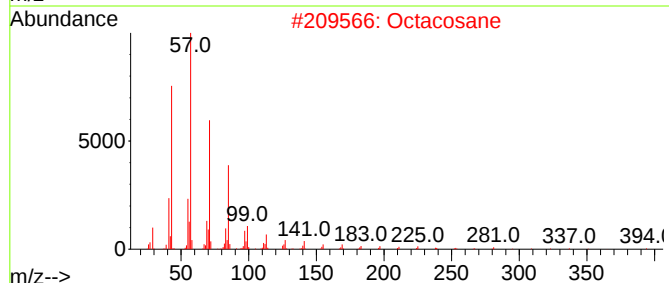
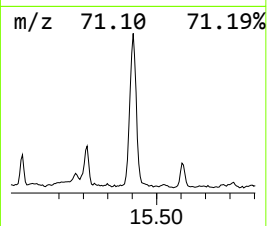
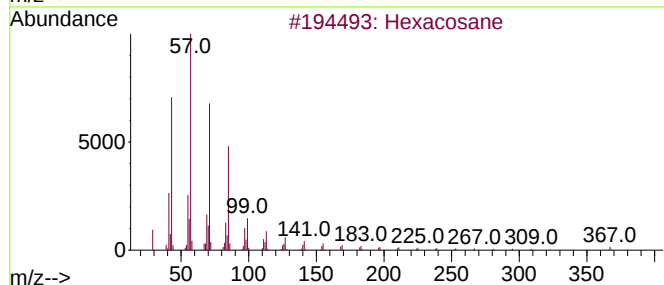
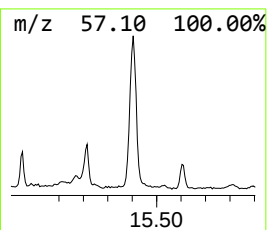
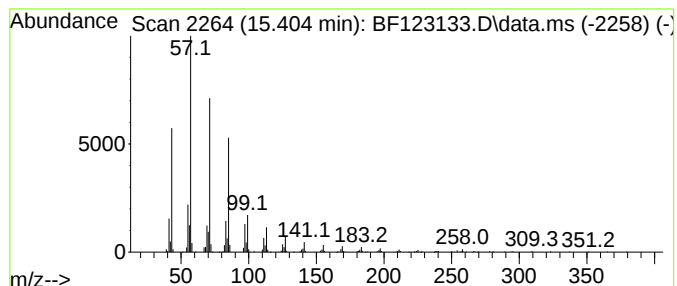
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	13.18 ng	1074660	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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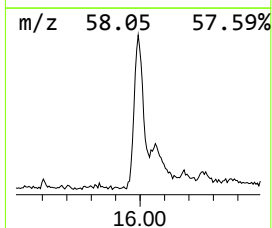
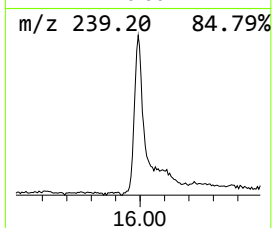
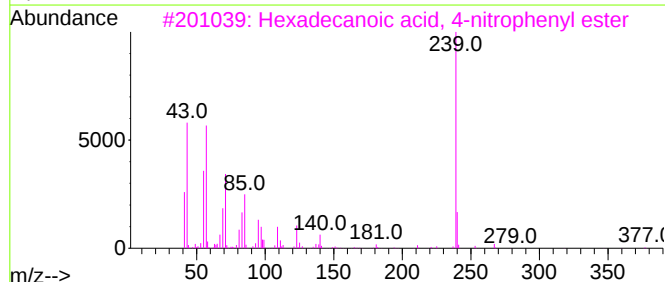
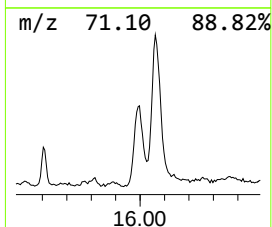
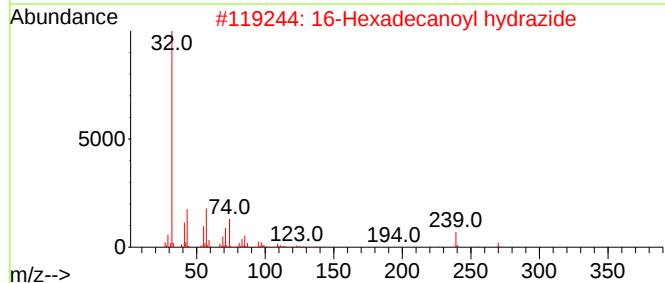
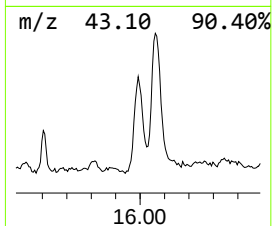
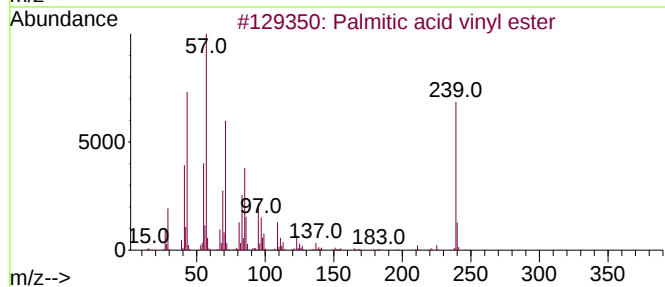
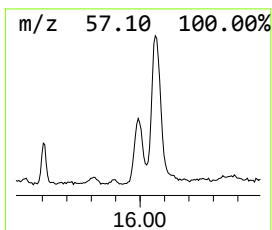
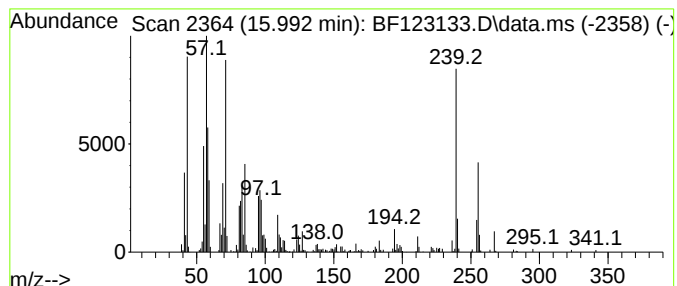
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Palmitic acid vinyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	11.29 ng	920254	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	60
2			16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	52
3			Hexadecanoic acid, 4-nitrophenyl...	377	C22H35NO4	001492-30-4	49
4			Hexadecane	226	C16H34	000544-76-3	38
5			Tetradecane	198	C14H30	000629-59-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

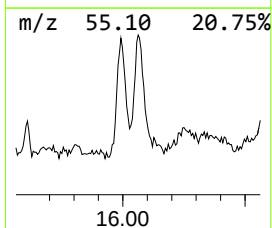
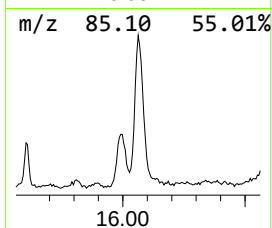
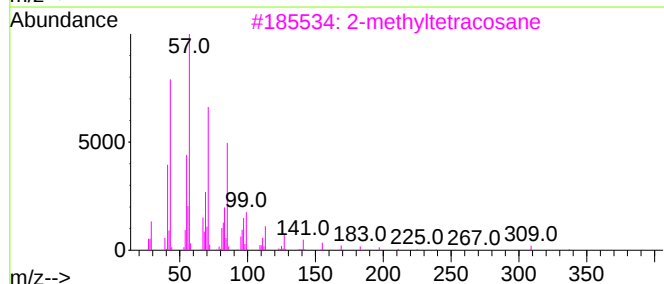
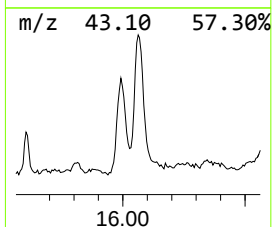
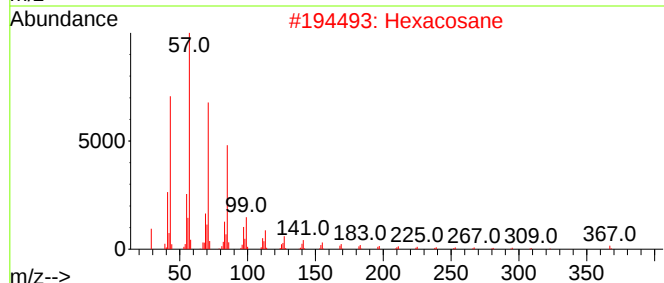
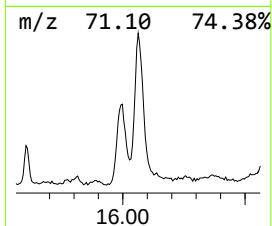
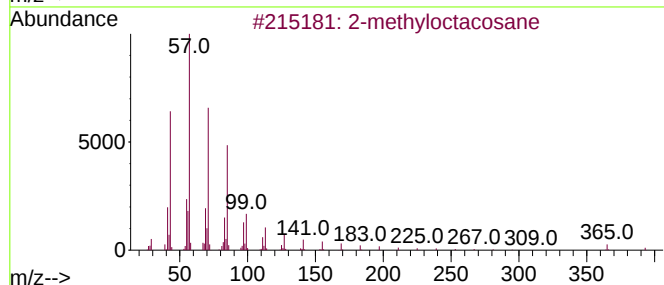
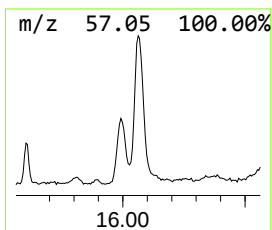
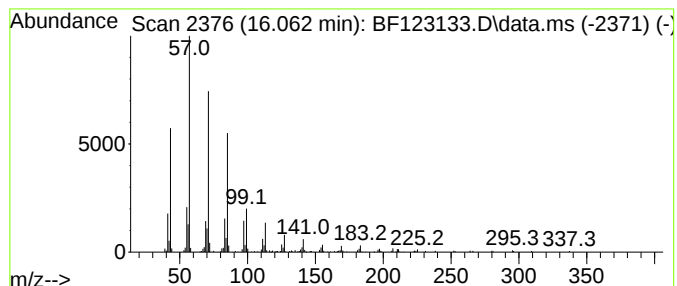
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.062	12.22 ng	996087	Perylene-d12	15.574	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyltetracosane	352	C25H52	1000376-72-6	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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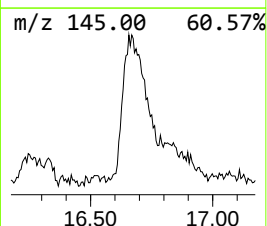
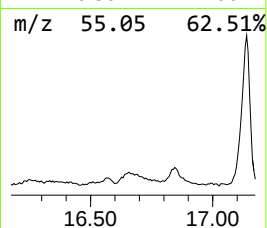
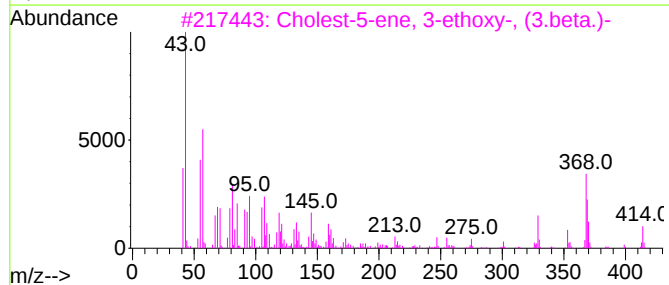
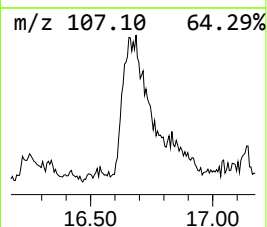
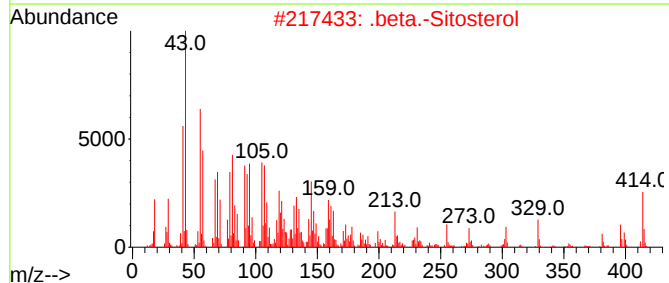
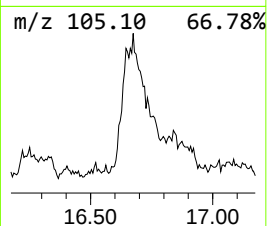
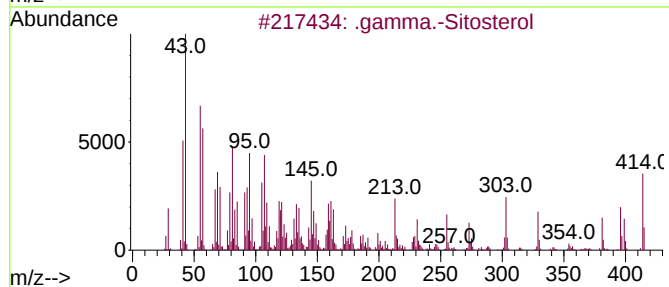
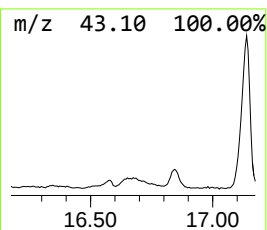
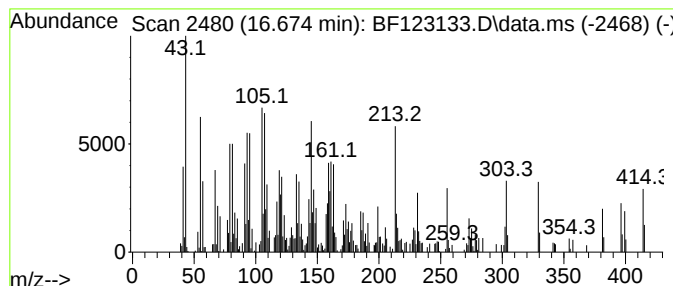
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	21.42 ng	1746320	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	81
3			Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	44
4			Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	30
5			5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
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Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

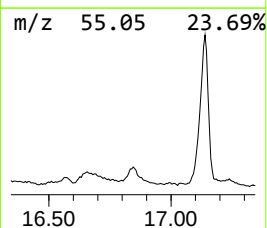
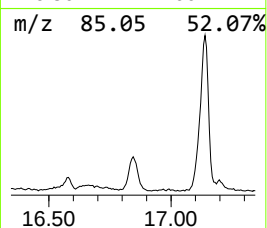
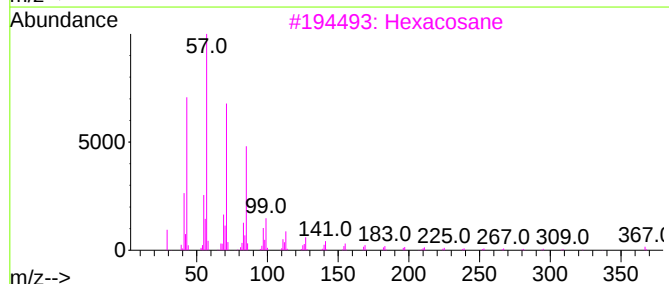
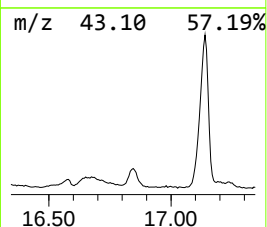
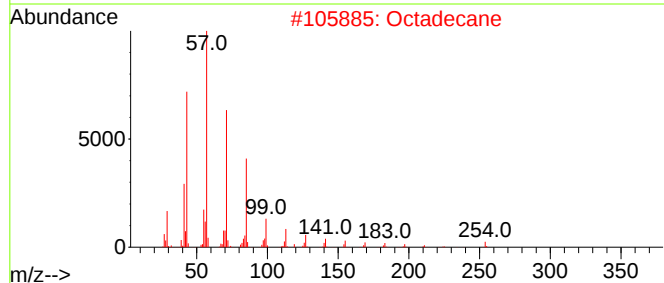
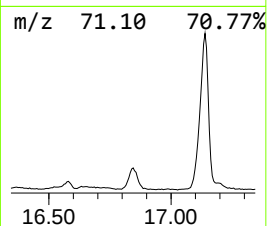
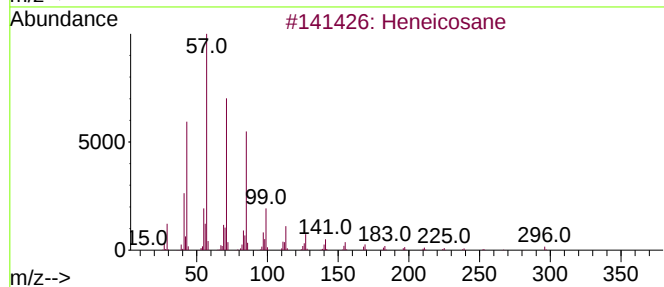
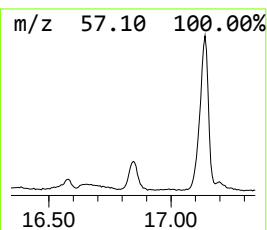
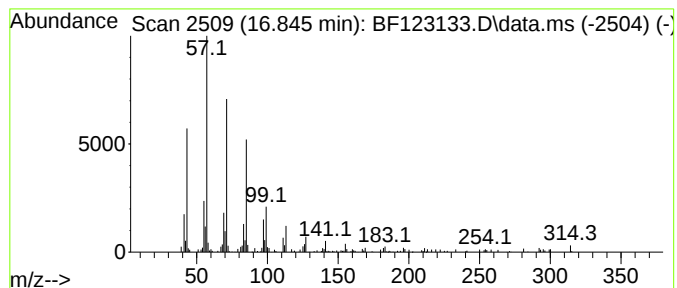
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	10.32 ng	841535	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Octadecane	254	C18H38	000593-45-3	90
3			Hexacosane	366	C26H54	000630-01-3	83
4			Octacosane	394	C28H58	000630-02-4	83
5			Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

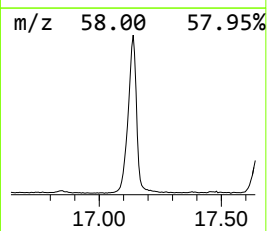
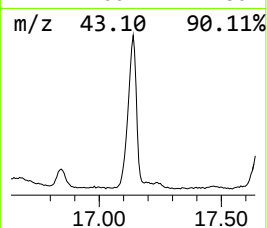
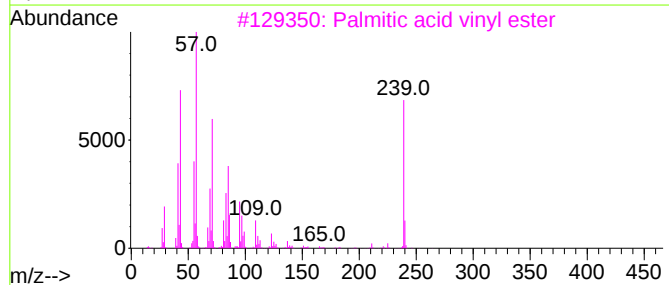
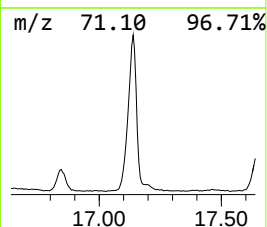
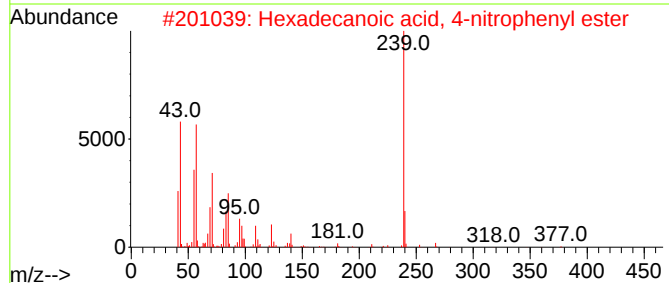
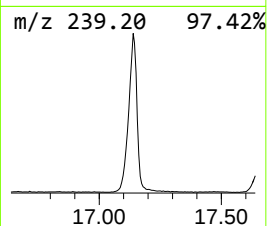
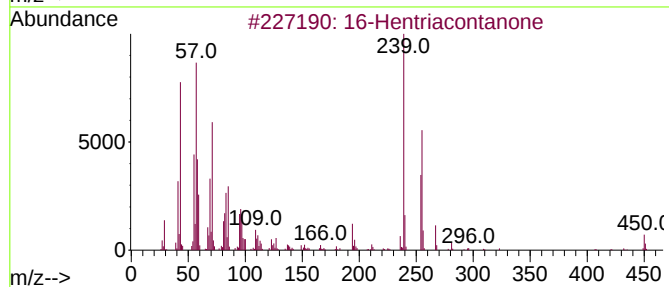
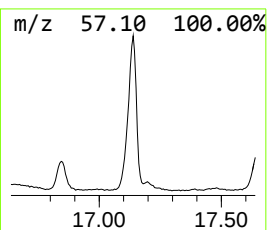
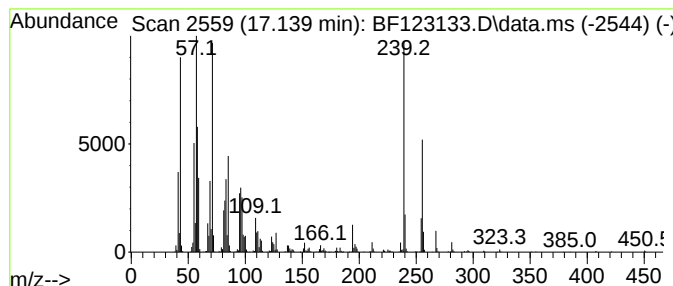
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 16-Hentriacontanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	67.39 ng	5494140	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Hentriacontanone	450	C31H62O	000502-73-8	90
2			Hexadecanoic acid, 4-nitrophenyl...	377	C22H35NO4	001492-30-4	47
3			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	46
4			Octadecane	254	C18H38	000593-45-3	38
5			Decane, 5-propyl-	184	C13H28	017312-62-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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Acq On : 5 Feb 2021 13:55
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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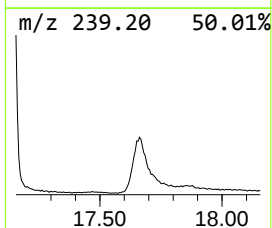
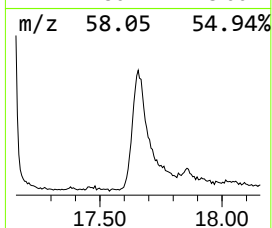
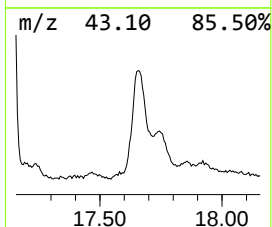
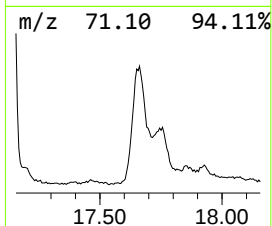
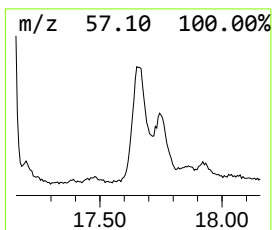
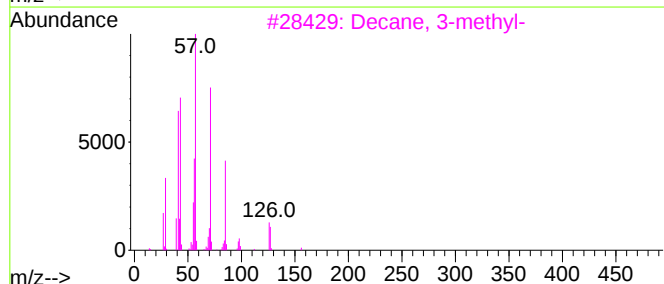
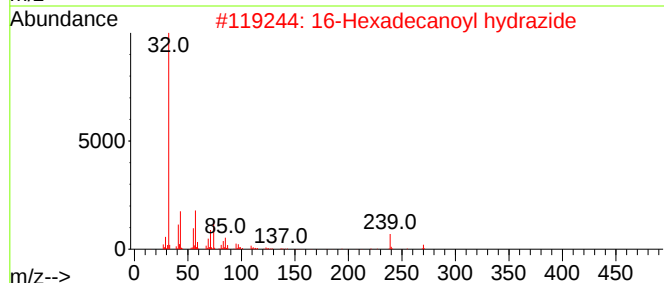
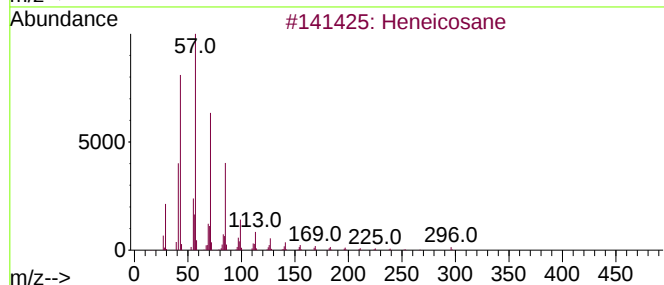
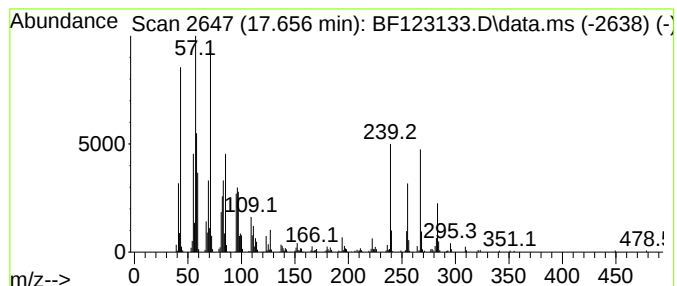
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.65 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.656	31.22 ng	2545580	Perylene-d12	15.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	55
2		16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	49
3		Decane, 3-methyl-	156	C11H24	013151-34-3	42
4		2-Nonadecanone	282	C19H38O	000629-66-3	38
5		Nonadecane	268	C19H40	000629-92-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

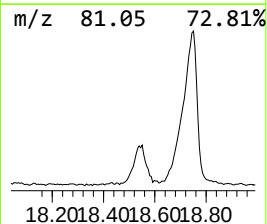
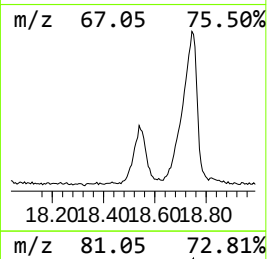
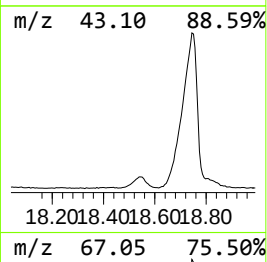
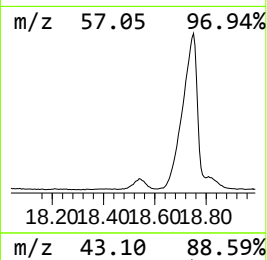
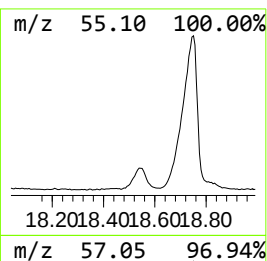
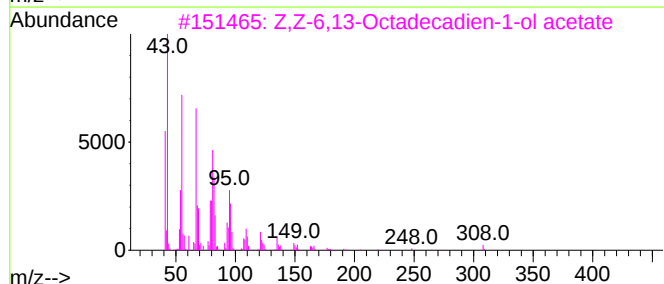
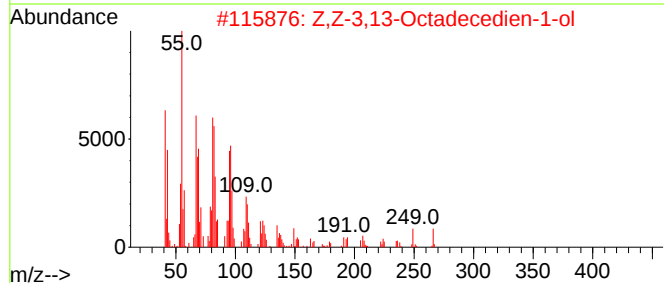
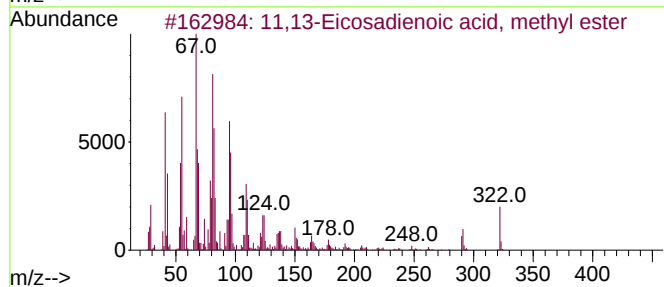
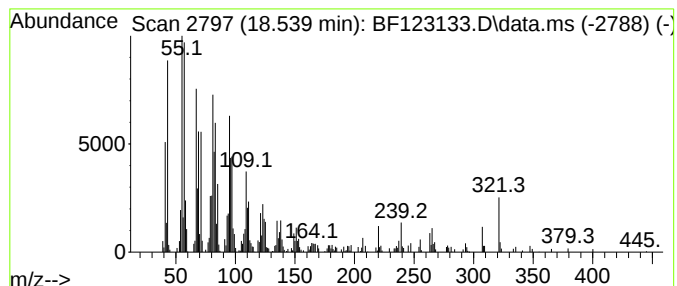
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11,13-Eicosadienoic acid, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	15.89 ng	1295110	Perylene-d12	15.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11,13-Eicosadienoic acid, methyl...	322	C21H38O2	056599-57-6	91
2		Z,Z-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-7	83
3		Z,Z-6,13-Octadecadien-1-ol acetate	308	C20H36O2	1000131-07-0	62
4		11-Hexadecen-1-ol, acetate, (Z)-	282	C18H34O2	034010-21-4	60
5		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123133.D
Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

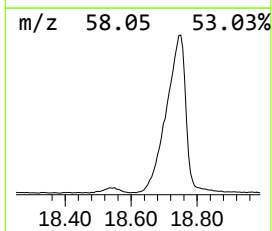
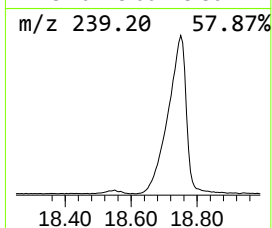
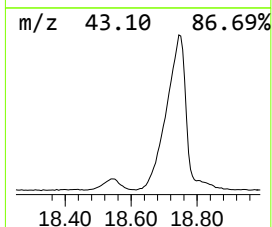
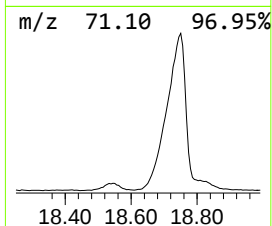
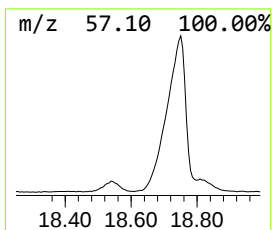
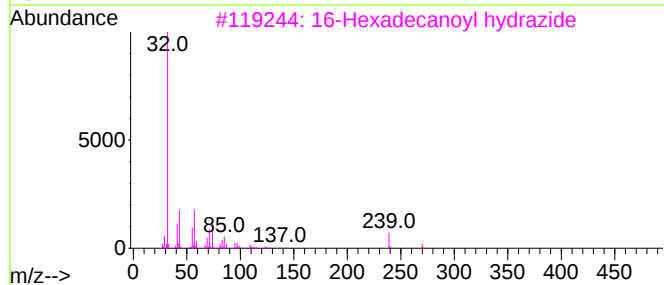
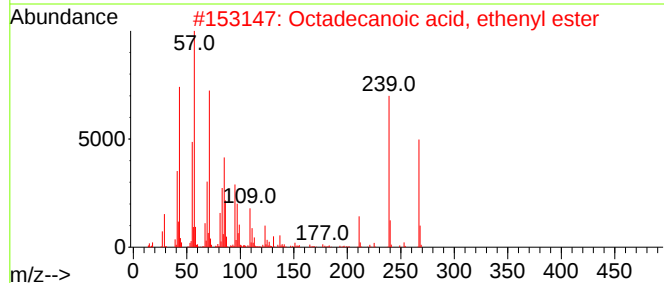
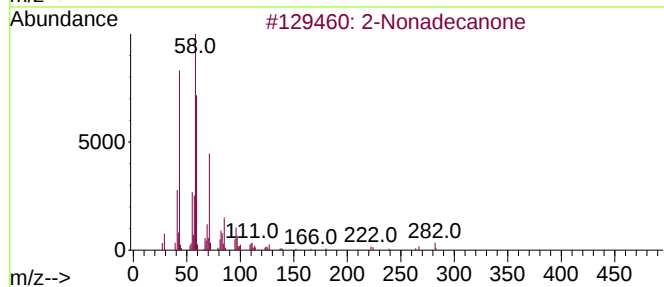
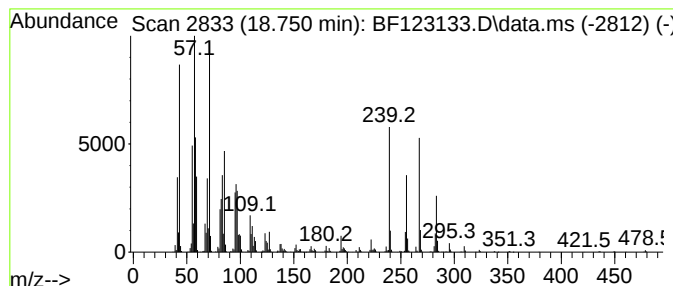
Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid, ethenyl ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.750	211.18 ng	17217000	Perylene-d12	15.574	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	60
2	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	58
3	16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	58
4	16-Hentriacontanone	450	C31H62O	000502-73-8	53
5	Decane, 5-propyl-	184	C13H28	017312-62-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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Acq On : 5 Feb 2021 13:55
Operator : JU/CG
Sample : M1315-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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...	2.169	9.3	ng	476768	1	6.892	1022300	20.0
Pentadecanal-	11.380	10.1	ng	855452	4	11.433	1693320	20.0
n-Hexadecanoic ...	11.975	127.3	ng	10780500	4	11.433	1693320	20.0
1,4-Benzenedica...	12.192	65.3	ng	5530220	4	11.433	1693320	20.0
Tetradecanal	12.227	22.9	ng	1939500	4	11.433	1693320	20.0
Hexadecanoic ac...	12.286	6.7	ng	570477	4	11.433	1693320	20.0
2-Nonadecanone	12.551	10.7	ng	903488	4	11.433	1693320	20.0
Octadecanoic acid	12.763	71.5	ng	8308130	5	14.086	2324860	20.0
2-methyloctacosane	13.669	14.5	ng	1689530	5	14.086	2324860	20.0
Hexacosane	14.280	15.0	ng	1738520	5	14.086	2324860	20.0
Octadecane	14.821	14.9	ng	1726300	5	14.086	2324860	20.0
Octacosane	15.404	13.2	ng	1074660	6	15.574	1630530	20.0
Palmitic acid v...	15.992	11.3	ng	920254	6	15.574	1630530	20.0
2-Bromotetradecane	16.062	12.2	ng	996087	6	15.574	1630530	20.0
.gamma.-Sitosterol	16.674	21.4	ng	1746320	6	15.574	1630530	20.0
Heneicosane	16.845	10.3	ng	841535	6	15.574	1630530	20.0
16-Hentriaconta...	17.139	67.4	ng	5494140	6	15.574	1630530	20.0
unknown17.65	17.656	31.2	ng	2545580	6	15.574	1630530	20.0
11,13-Eicosadie...	18.539	15.9	ng	1295110	6	15.574	1630530	20.0
Octadecanoic ac...	18.750	211.2	ng	17217000	6	15.574	1630530	20.0