

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119425.D
 Acq On : 18 Mar 2020 19:59
 Operator : CG/JU
 Sample : L1942-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DA

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF031820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	22	rVB	327445	450981	5.33%	0.626%
2	5.081	500	509	514	rBV	114724	152337	1.80%	0.212%
3	5.469	569	575	578	rBV	8197831	8292474	97.97%	11.518%
4	6.475	740	746	749	rBV	7472384	8283723	97.86%	11.505%
5	6.851	807	810	814	rVB	2529341	2127671	25.14%	2.955%
6	7.010	833	837	840	rBV	6691364	5946724	70.25%	8.260%
7	7.416	900	906	909	rBV	5513601	5386361	63.63%	7.481%
8	8.139	1024	1029	1032	rBV	3215335	2785695	32.91%	3.869%
9	9.222	1207	1213	1216	rBV	8488199	8464631	100.00%	11.757%
10	9.610	1275	1279	1282	rBV	827488	619887	7.32%	0.861%
11	9.898	1323	1328	1332	rBV	3547911	3008594	35.54%	4.179%
12	10.192	1374	1378	1390	rVB	176961	193881	2.29%	0.269%
13	10.686	1456	1462	1465	rBV	5955595	5488498	64.84%	7.623%
14	11.386	1577	1581	1584	rBV	3503224	2976685	35.17%	4.134%
15	11.916	1667	1671	1682	rBV	861115	816282	9.64%	1.134%
16	12.598	1784	1787	1799	rBV	194471	180863	2.14%	0.251%
17	12.698	1800	1804	1816	rBV	295683	340004	4.02%	0.472%
18	12.821	1823	1825	1828	rVB	127821	118715	1.40%	0.165%
19	12.974	1846	1851	1855	rBV	7533350	7642529	90.29%	10.615%
20	13.868	2000	2003	2012	rBV	1253149	1336141	15.78%	1.856%
21	14.021	2025	2029	2033	rBV	2208147	2115628	24.99%	2.938%
22	14.198	2056	2059	2065	rVB	285568	263721	3.12%	0.366%
23	14.504	2108	2111	2118	rBV	484098	459190	5.42%	0.638%
24	14.815	2160	2164	2169	rBV	577639	553863	6.54%	0.769%
25	15.162	2218	2223	2228	rBV	505787	627075	7.41%	0.871%
26	15.492	2274	2279	2284	rBV	1469581	1849487	21.85%	2.569%
27	15.545	2284	2288	2297	rVB	423197	591864	6.99%	0.822%
28	15.992	2359	2364	2368	rBV	294902	453688	5.36%	0.630%
29	16.033	2368	2371	2381	rVB2	129788	211128	2.49%	0.293%
30	16.509	2445	2452	2459	rBV	127888	260104	3.07%	0.361%

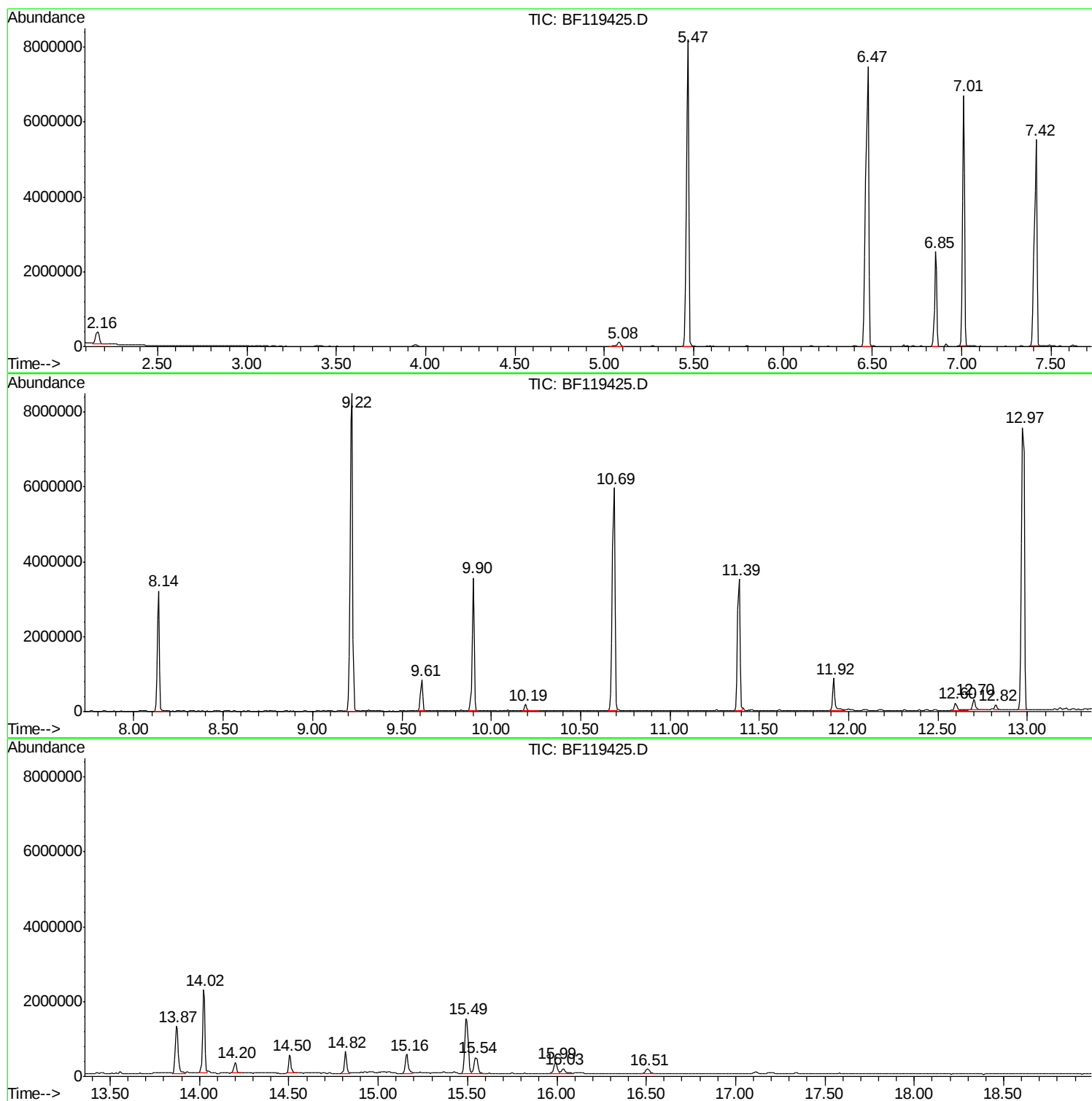
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Instrument :
BNA_F
ClientSampled :
TP-3-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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ClientSampleId :
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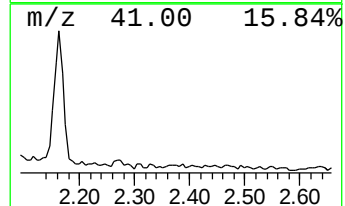
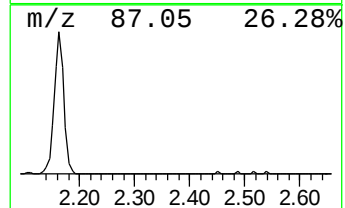
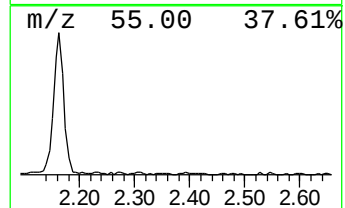
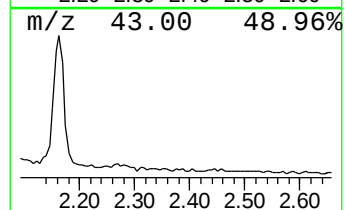
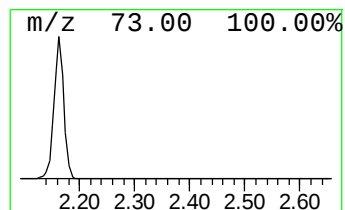
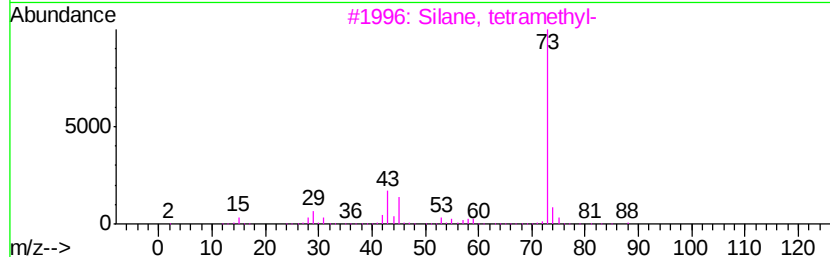
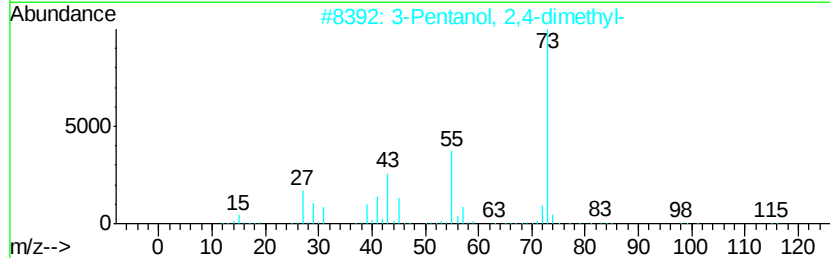
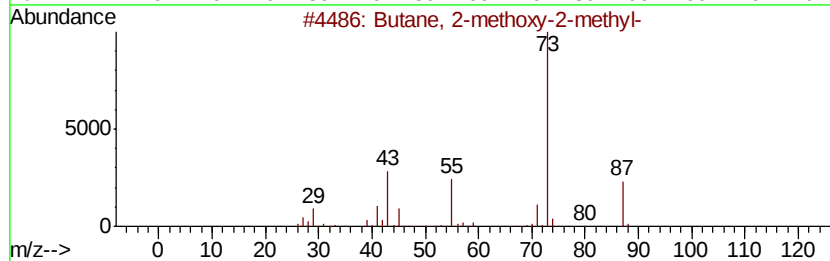
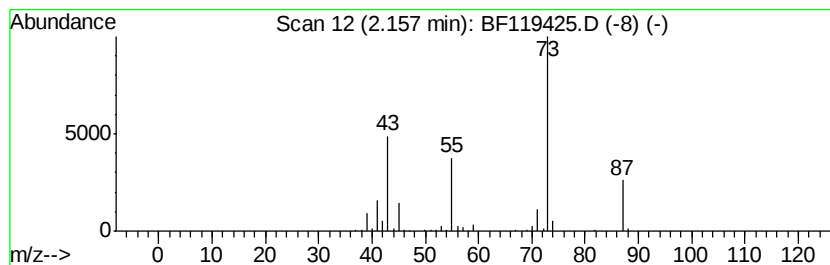
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	4.24 ng	450981	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
4		1-Propene-1-thiol	74	C3H6S	000925-89-3	16
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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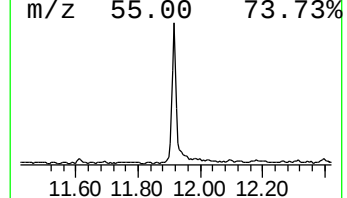
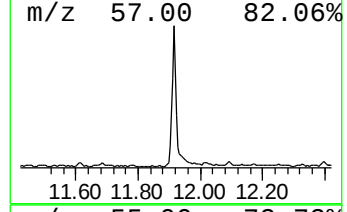
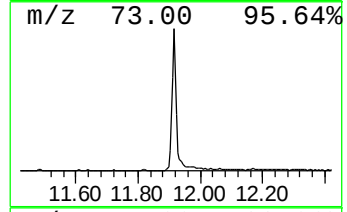
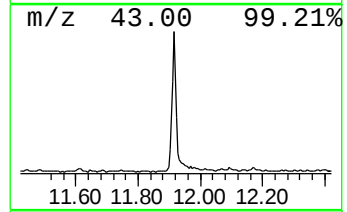
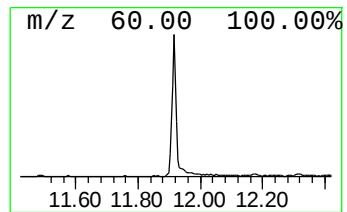
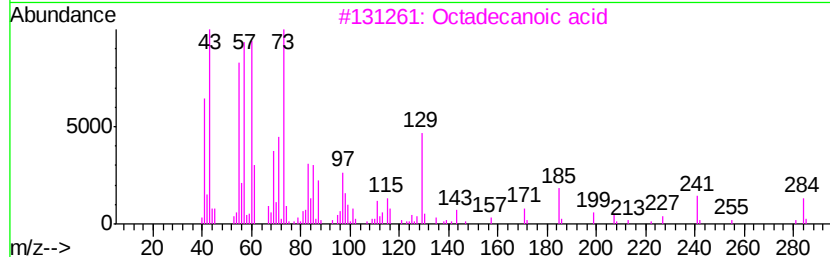
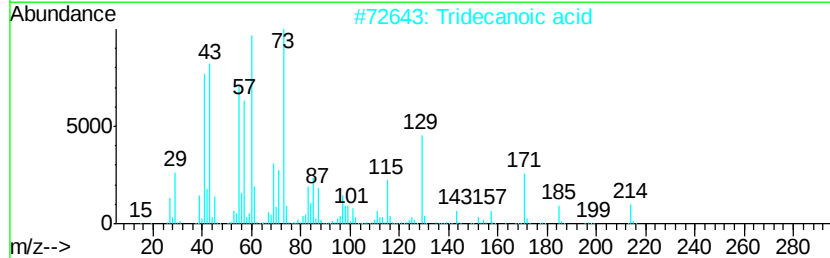
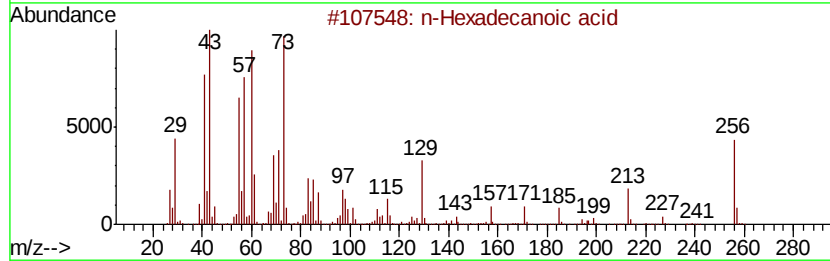
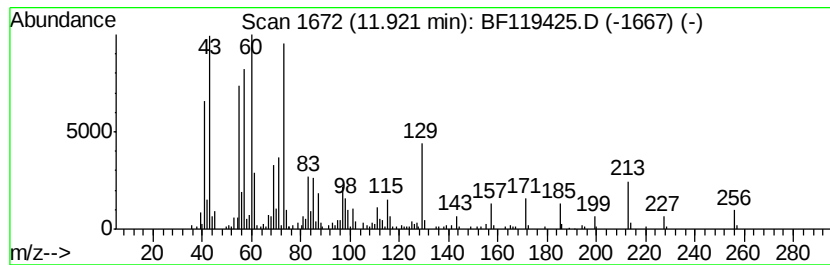
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	5.48 ng	816282	Phenanthrene-d10	11.39	
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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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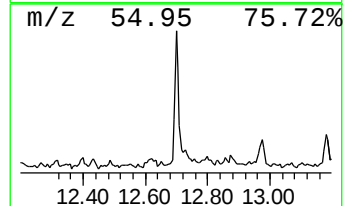
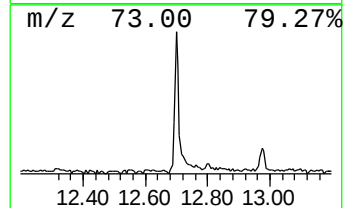
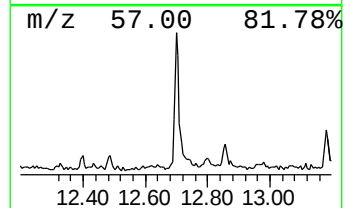
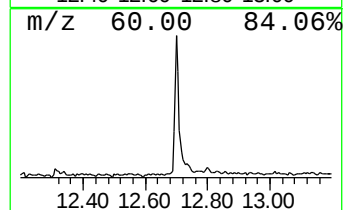
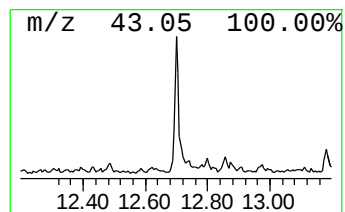
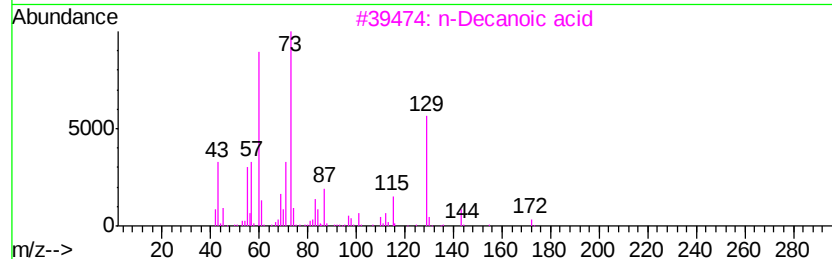
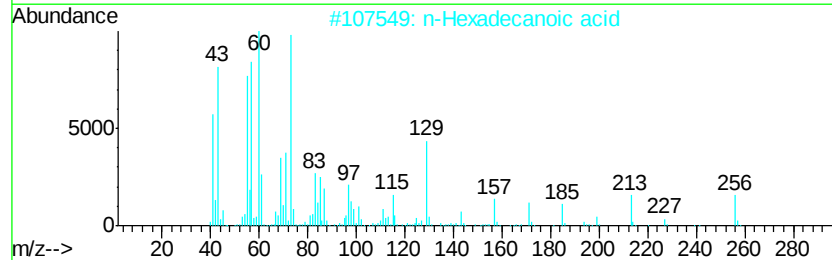
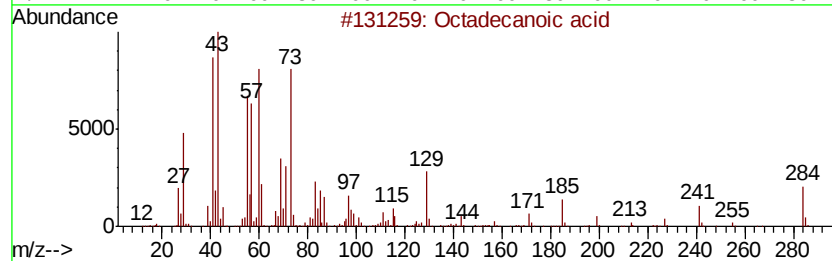
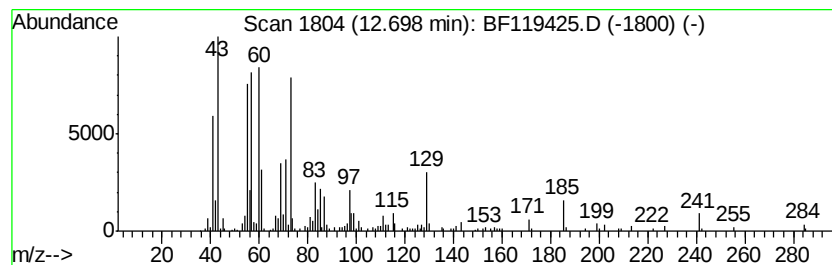
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.70	2.28 ng	340004	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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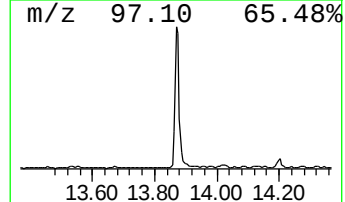
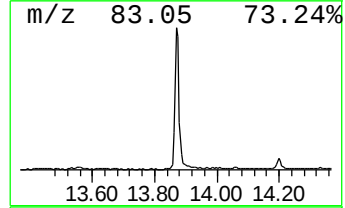
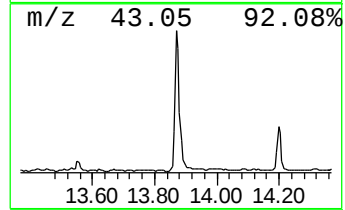
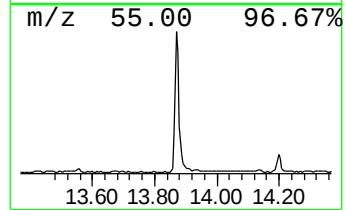
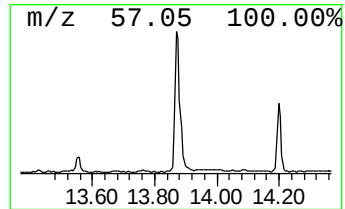
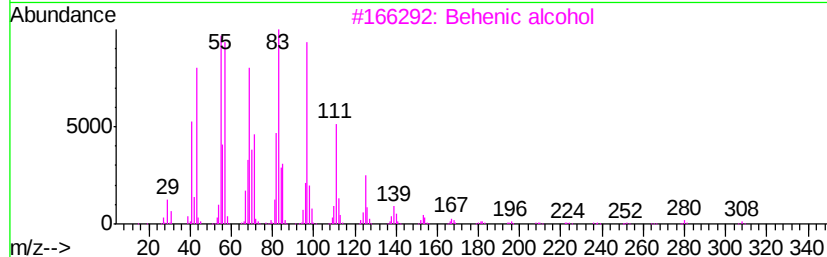
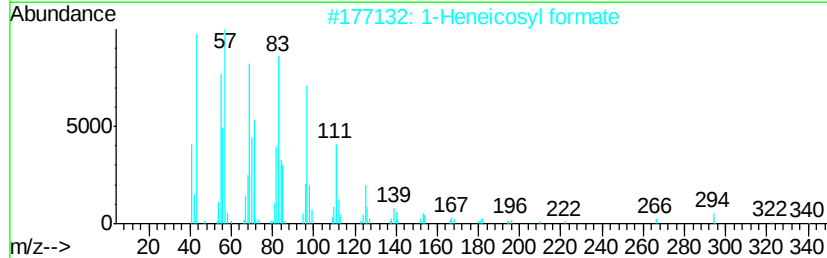
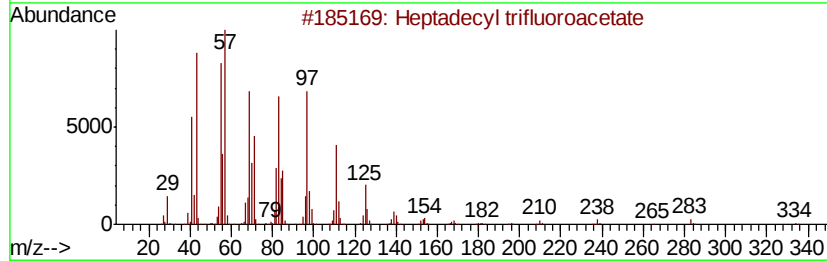
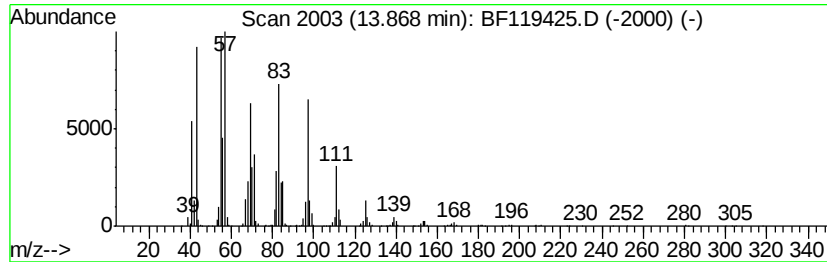
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Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	12.63 ng	1336140	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



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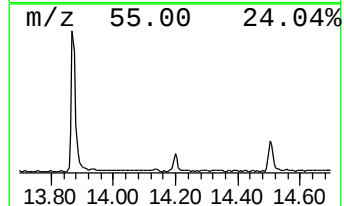
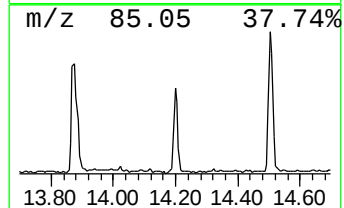
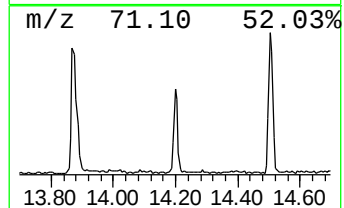
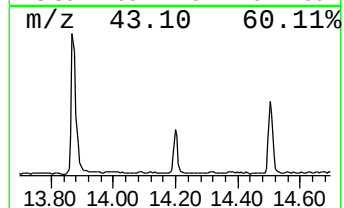
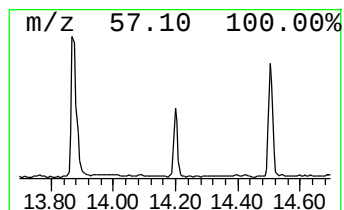
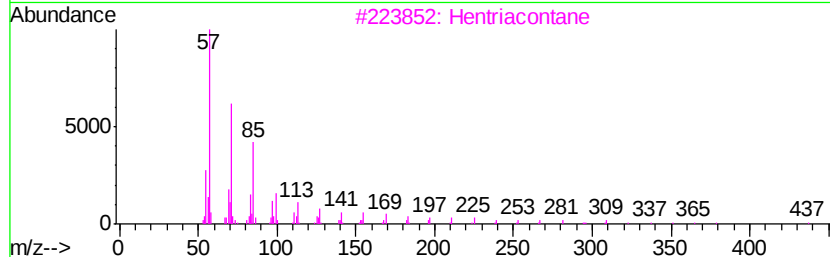
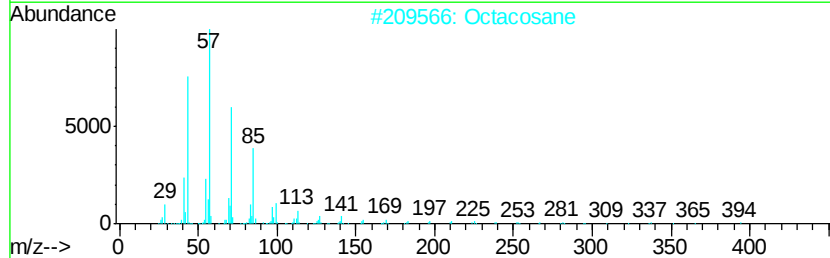
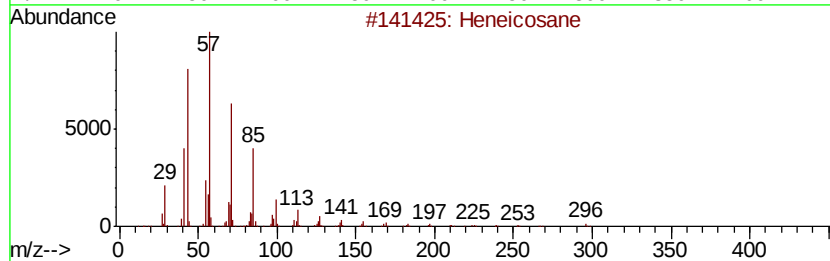
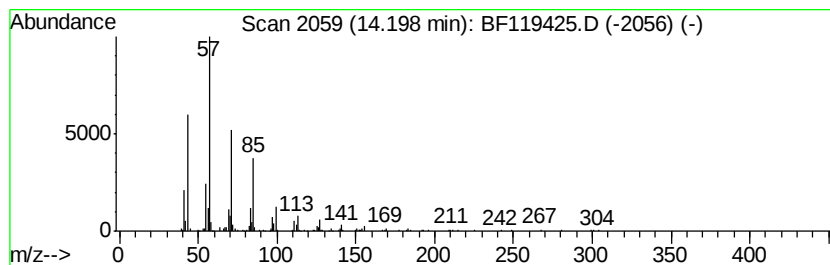
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.49 ng	263721	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Hentriacontane		437	C31H64	000630-04-6	91
4	Hexatriacontane		507	C36H74	000630-06-8	91
5	Hexacosane		366	C26H54	000630-01-3	90



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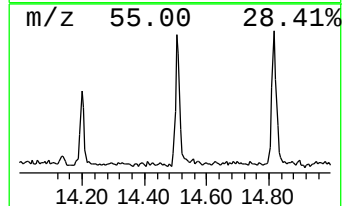
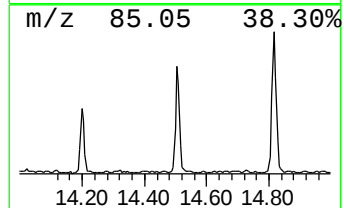
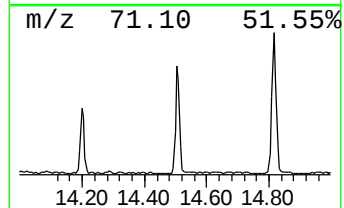
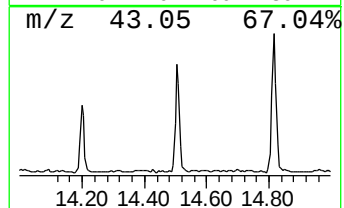
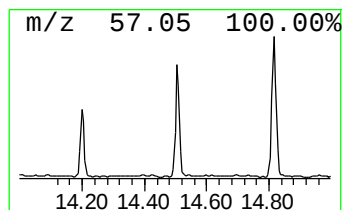
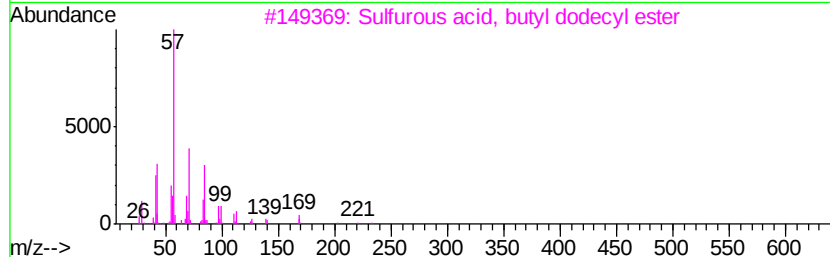
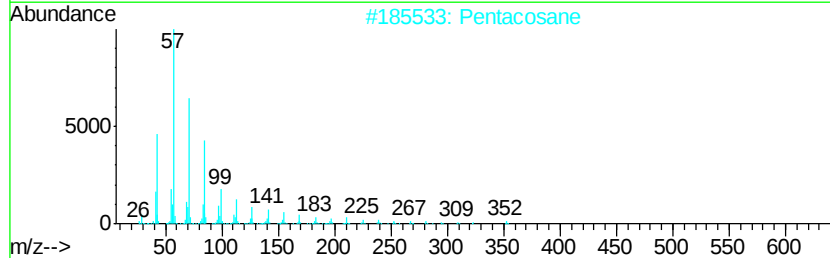
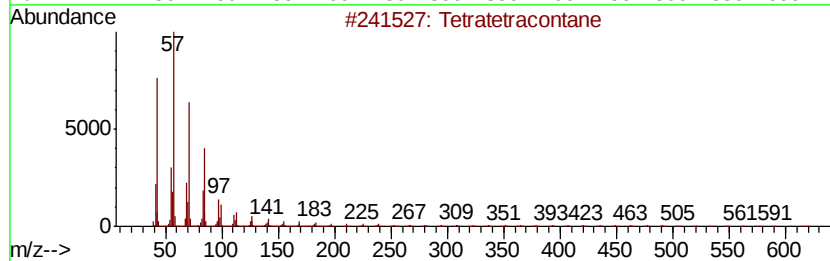
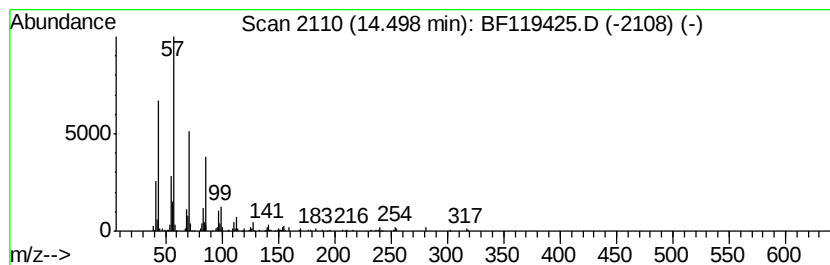
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	4.34 ng	459190	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119425.D
 Acq On : 18 Mar 2020 19:59
 Operator : CG/JU
 Sample : L1942-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-DA

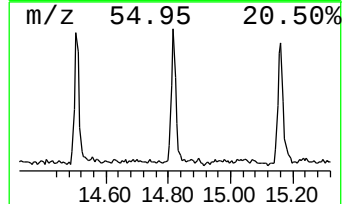
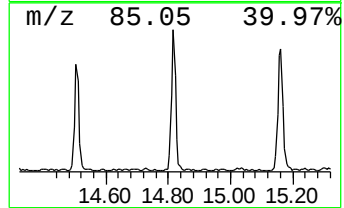
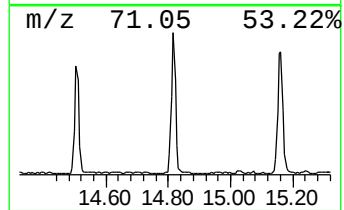
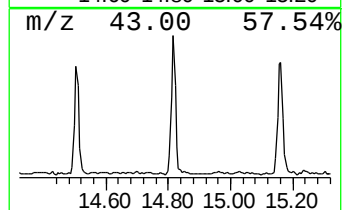
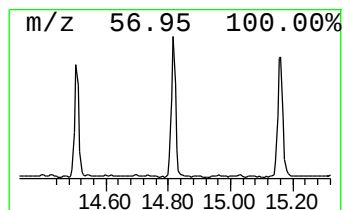
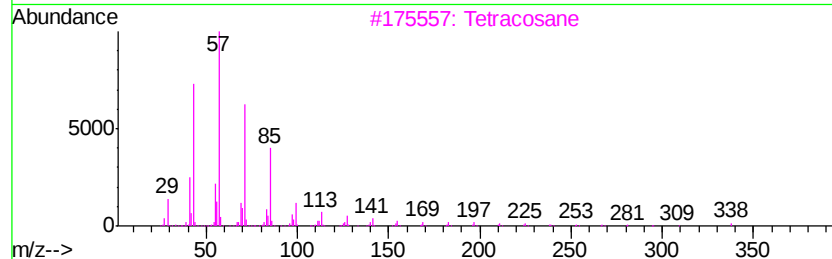
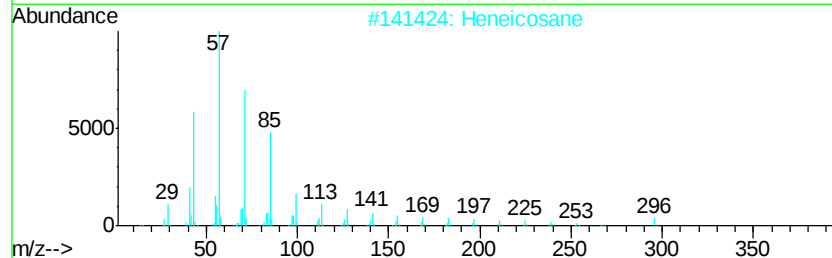
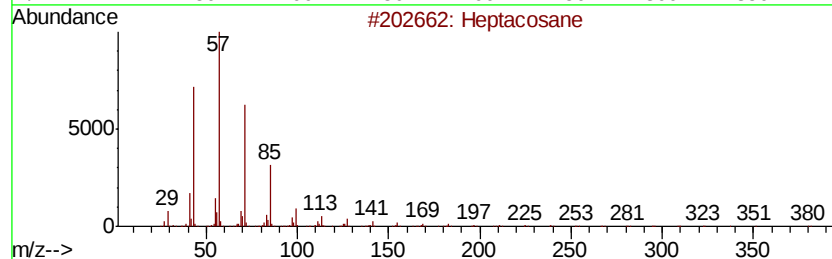
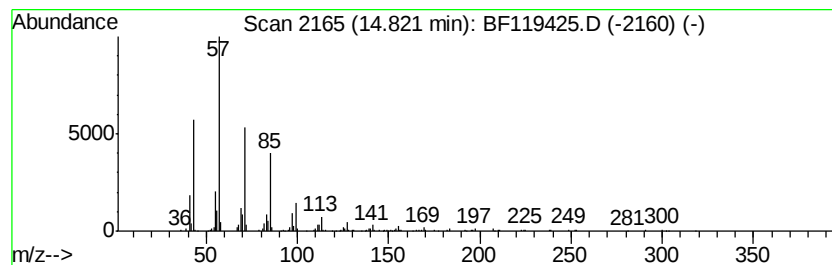
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.99 ng	553863	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Eicosane		282	C20H42	000112-95-8	90
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119425.D
Acq On : 18 Mar 2020 19:59
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Sample : L1942-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-DA

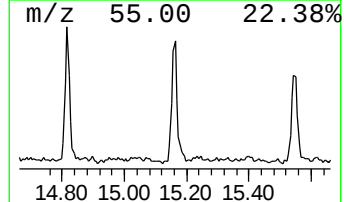
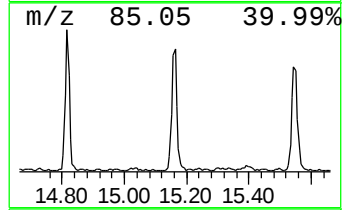
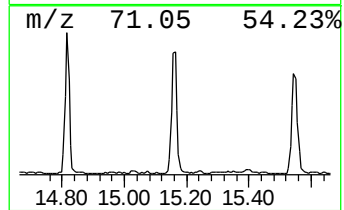
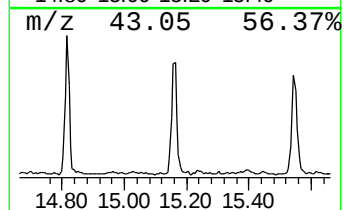
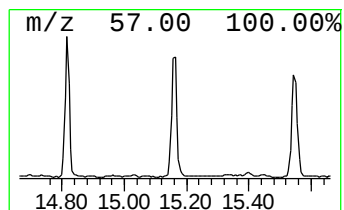
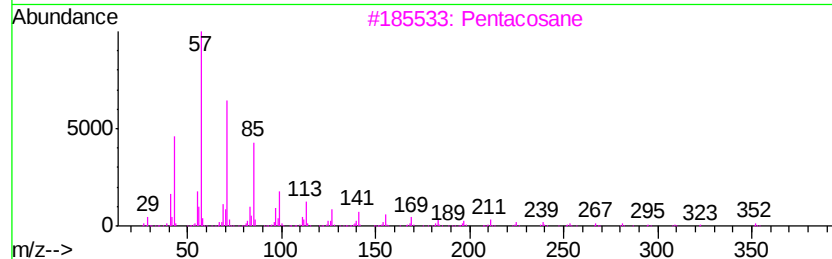
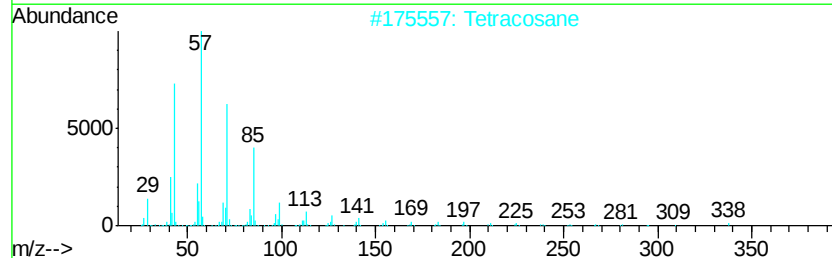
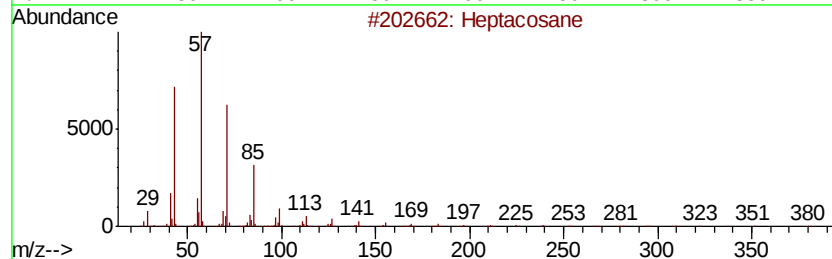
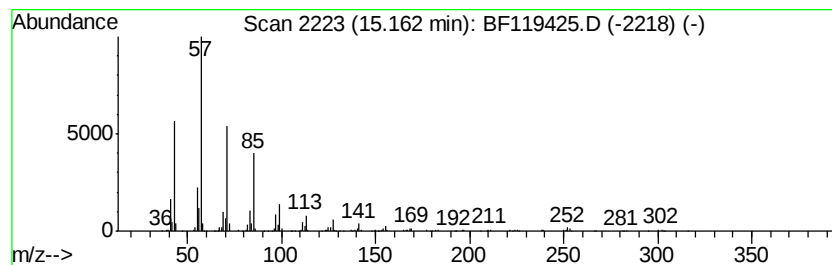
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	6.78 ng	627075	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119425.D
Acq On : 18 Mar 2020 19:59
Operator : CG/JU
Sample : L1942-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-DA

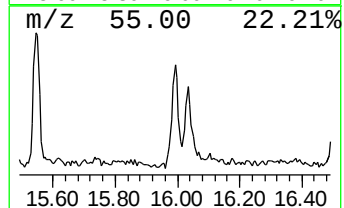
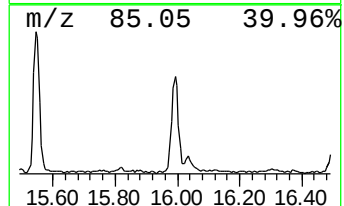
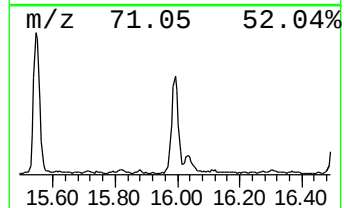
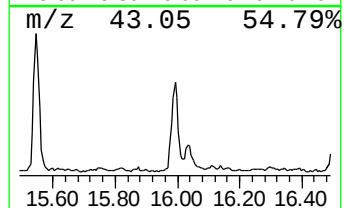
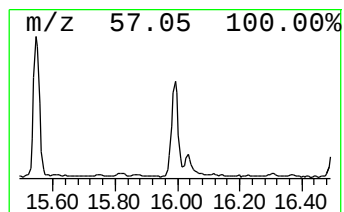
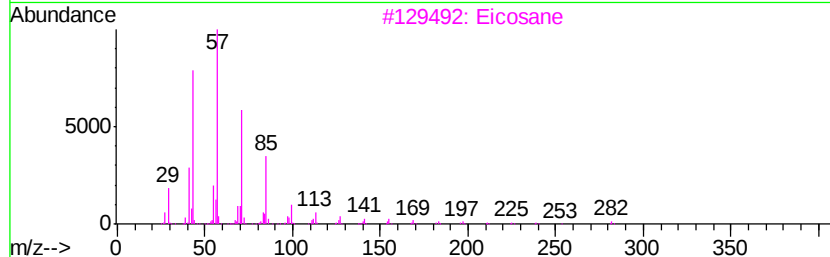
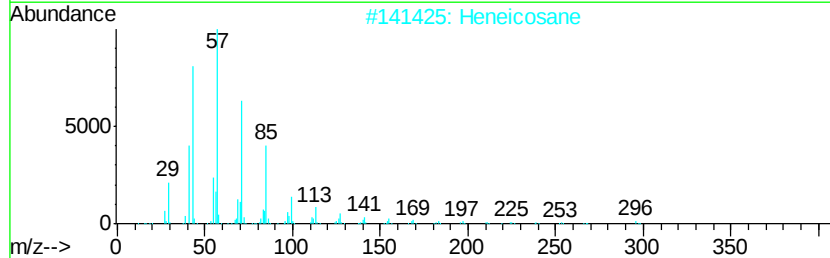
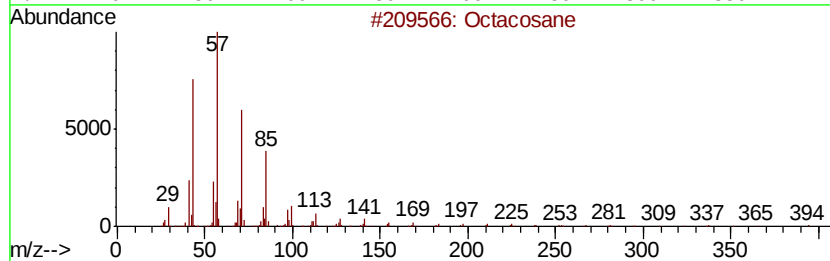
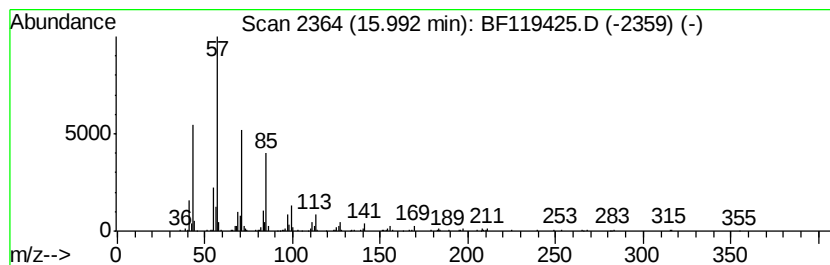
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	4.91 ng	453688	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119425.D
Acq On : 18 Mar 2020 19:59
Operator : CG/JU
Sample : L1942-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

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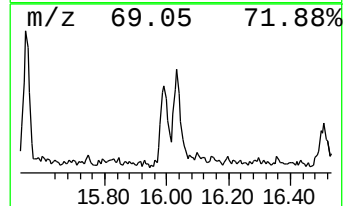
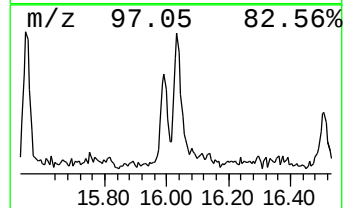
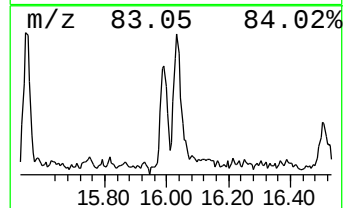
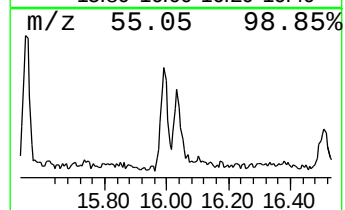
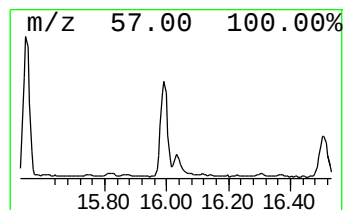
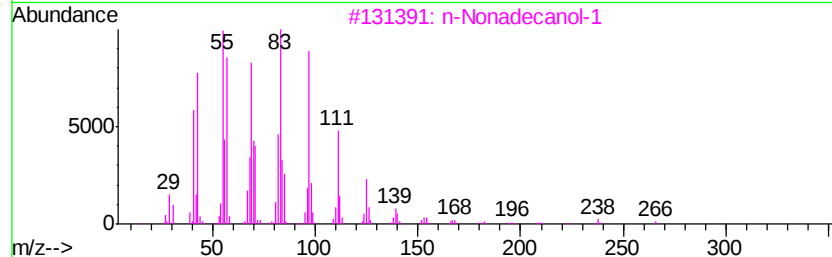
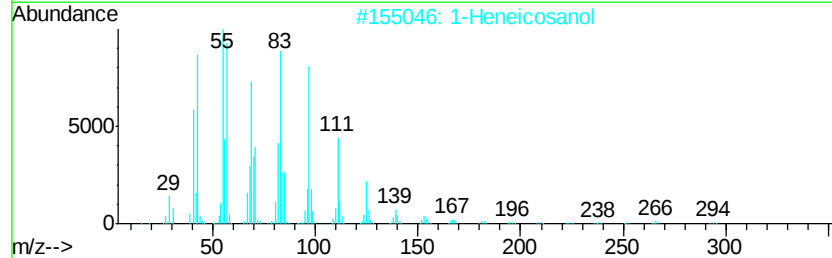
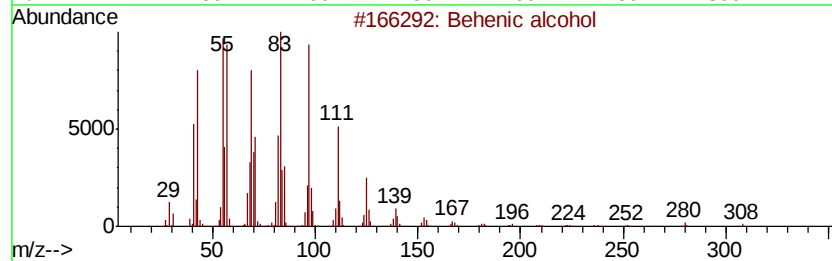
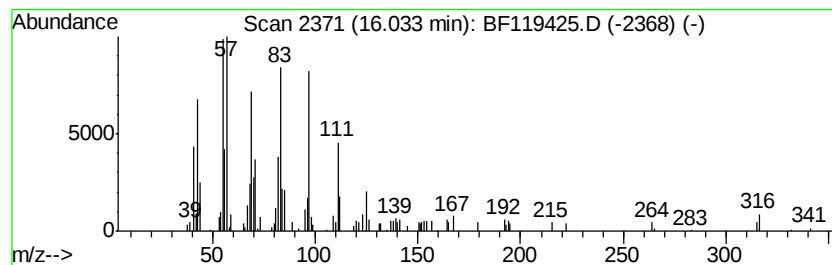
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Behenic alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.28 ng	211128	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119425.D
Acq On : 18 Mar 2020 19:59
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Sample : L1942-17
Misc :
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Instrument :
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ClientSampleId :
TP-3-DA

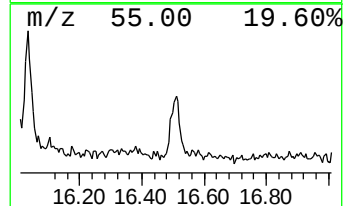
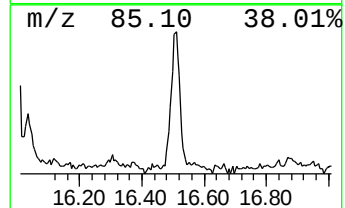
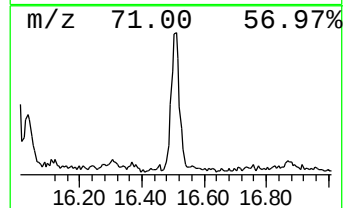
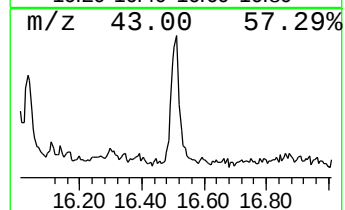
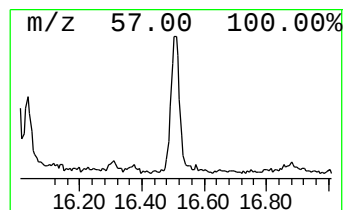
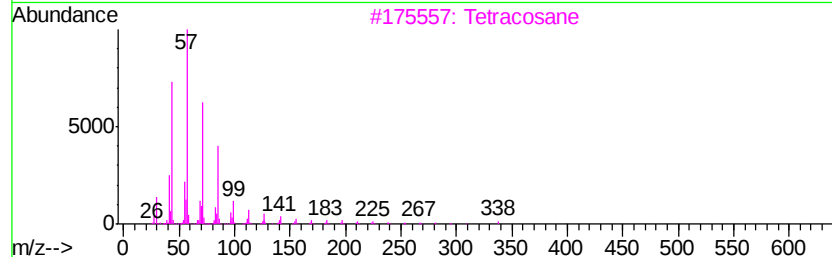
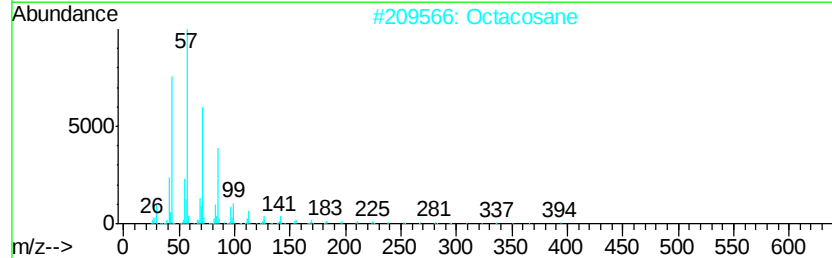
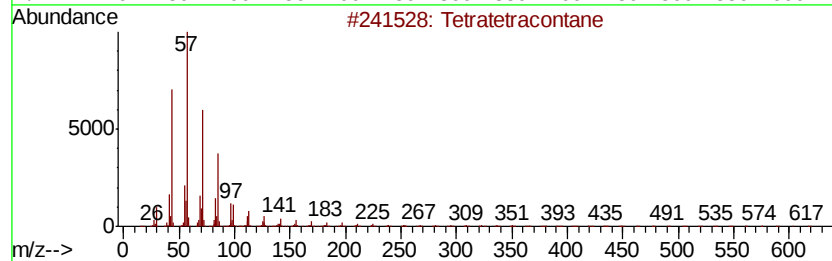
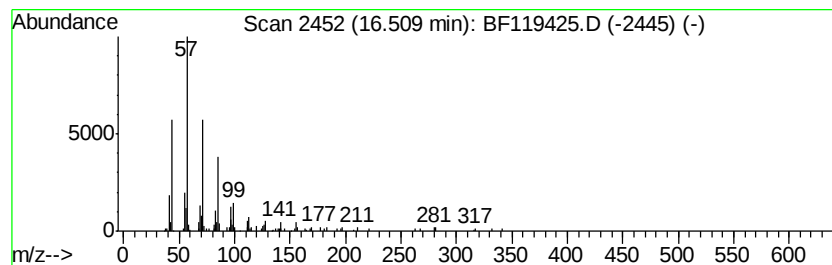
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.81 ng	260104	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119425.D
 Acq On : 18 Mar 2020 19:59
 Operator : CG/JU
 Sample : L1942-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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-methoxy...	2.16	4.2 ng		450981	1	6.85	2127670	20.0
n-Hexadecanoic acid	11.92	5.5 ng		816282	4	11.39	2976690	20.0
Octadecanoic acid	12.70	2.3 ng		340004	4	11.39	2976690	20.0
Heptadecyl triflu...	13.87	12.6 ng		1336140	5	14.02	2115630	20.0
Heneicosane	14.20	2.5 ng		263721	5	14.02	2115630	20.0
Tetratetracontane	14.50	4.3 ng		459190	5	14.02	2115630	20.0
Heptacosane	14.82	6.0 ng		553863	6	15.50	1849490	20.0
Tetracosane	15.16	6.8 ng		627075	6	15.50	1849490	20.0
Octacosane	15.99	4.9 ng		453688	6	15.50	1849490	20.0
Behenic alcohol	16.03	2.3 ng		211128	6	15.50	1849490	20.0
Eicosane	16.51	2.8 ng		260104	6	15.50	1849490	20.0