

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119445.D
 Acq On : 19 Mar 2020 18:28
 Operator : CG/JU
 Sample : L1917-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

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-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	2.128	3	7	13	rVB	528977	718490	6.43%	0.966%
2	5.057	500	505	512	rVB	121971	153117	1.37%	0.206%
3	5.457	568	573	576	rBV	5555477	5260774	47.07%	7.070%
4	6.463	739	744	747	rBV	4317474	3883284	34.74%	5.219%
5	6.845	806	809	813	rBV	2285216	1935680	17.32%	2.601%
6	7.004	832	836	840	rVB	7806755	7594418	67.94%	10.206%
7	7.410	899	905	908	rBV	6116632	6636469	59.37%	8.918%
8	8.134	1023	1028	1031	rBV	2972085	2527276	22.61%	3.396%
9	9.216	1206	1212	1215	rBV	10795121	11177512	100.00%	15.021%
10	9.604	1271	1278	1281	rBV	1179083	948788	8.49%	1.275%
11	9.892	1321	1327	1330	rBV	3318025	2793667	24.99%	3.754%
12	10.680	1455	1461	1465	rBV	6813230	7267777	65.02%	9.767%
13	11.092	1527	1531	1535	rVB	1535949	1319005	11.80%	1.773%
14	11.380	1575	1580	1583	rBV	3354081	2880678	25.77%	3.871%
15	11.910	1664	1670	1681	rBV	1127893	1161281	10.39%	1.561%
16	12.698	1800	1804	1817	rBV	738477	773939	6.92%	1.040%
17	12.974	1846	1851	1854	rBV	10036897	10507342	94.00%	14.120%
18	13.451	1929	1932	1936	rVB	222680	203129	1.82%	0.273%
19	13.551	1947	1949	1955	rVB2	100373	115105	1.03%	0.155%
20	13.868	2000	2003	2014	rBV	628302	723909	6.48%	0.973%
21	14.021	2024	2029	2032	rBV	2497673	2186678	19.56%	2.939%
22	14.198	2055	2059	2062	rBV	160450	150318	1.34%	0.202%
23	14.504	2107	2111	2118	rBV2	361451	397062	3.55%	0.534%
24	14.810	2160	2163	2167	rBV	265957	251872	2.25%	0.338%
25	15.151	2217	2221	2231	rBV	339868	481095	4.30%	0.647%
26	15.486	2273	2278	2283	rBV	1299303	1554919	13.91%	2.090%
27	15.539	2283	2287	2295	rVB	233821	315903	2.83%	0.425%
28	15.980	2357	2362	2368	rBV	210876	331423	2.97%	0.445%
29	16.498	2444	2450	2457	rVB2	89732	161900	1.45%	0.218%

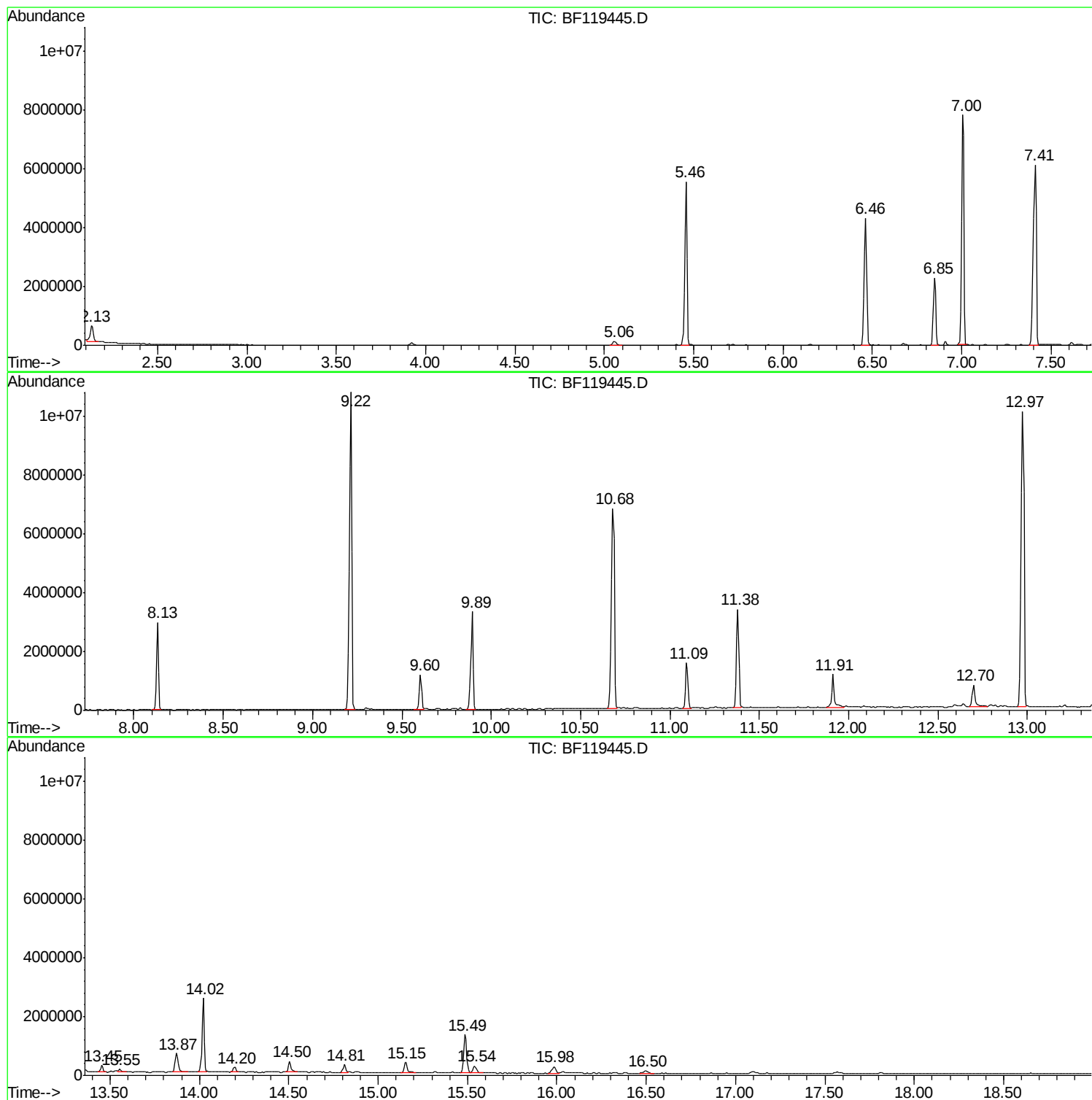
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Instrument :
BNA_F
ClientSampled :
CBH-594

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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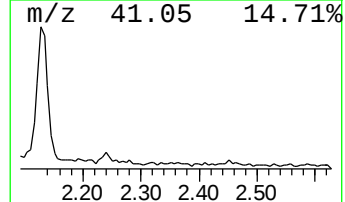
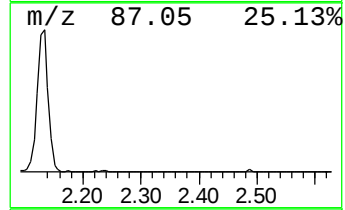
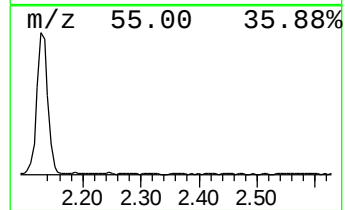
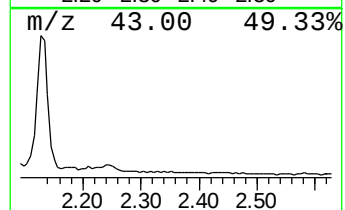
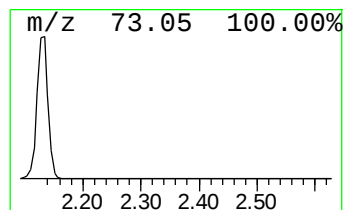
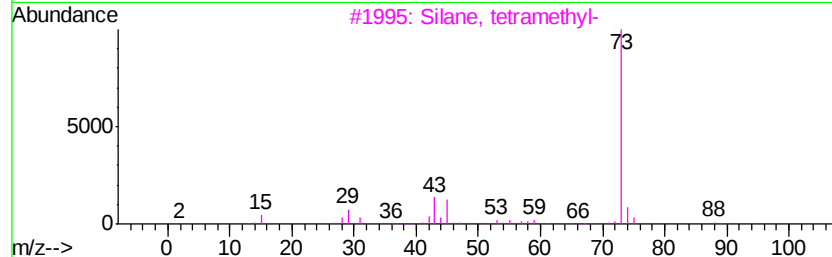
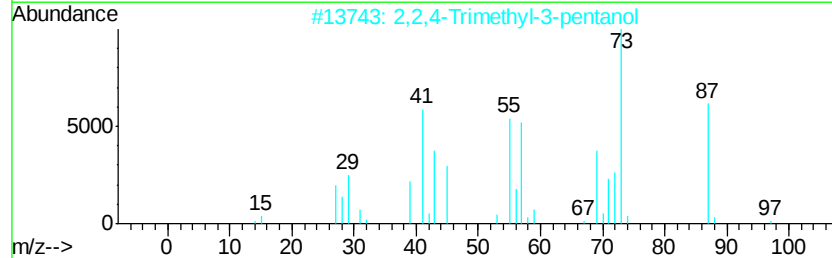
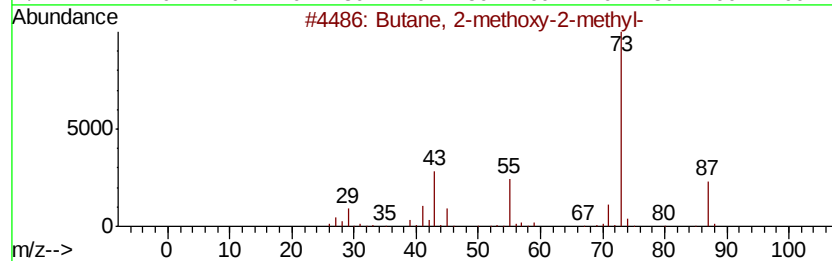
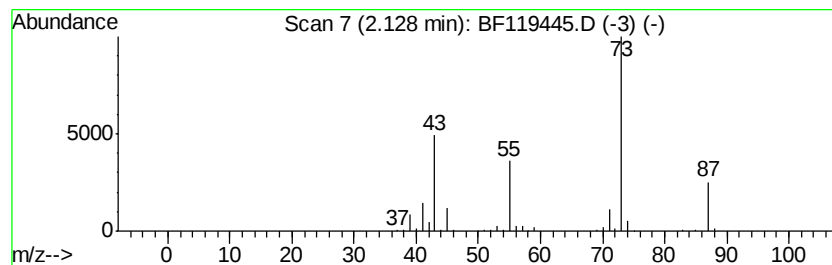
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	7.42 ng	718490	1,4-Dichlorobenzene-d4	6.85

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	38
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12



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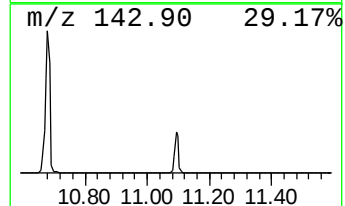
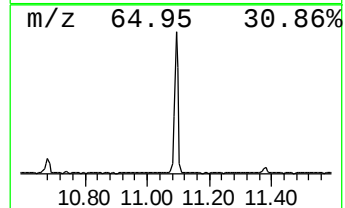
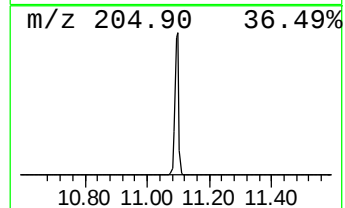
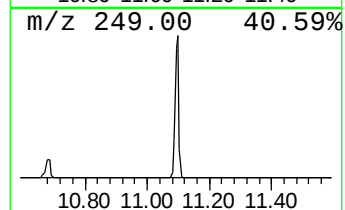
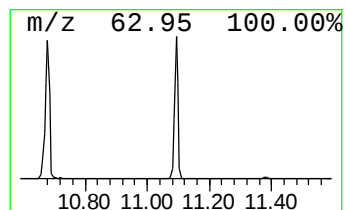
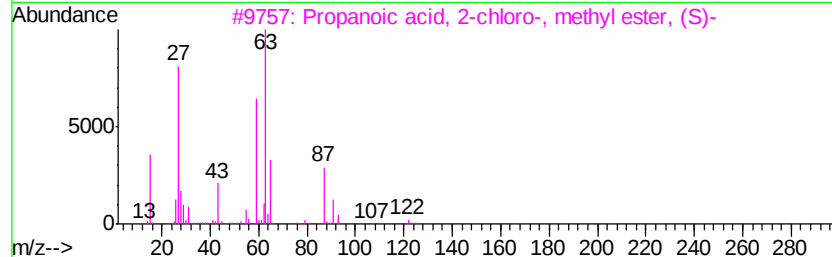
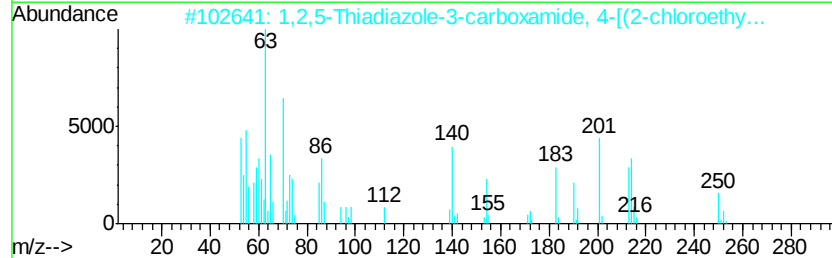
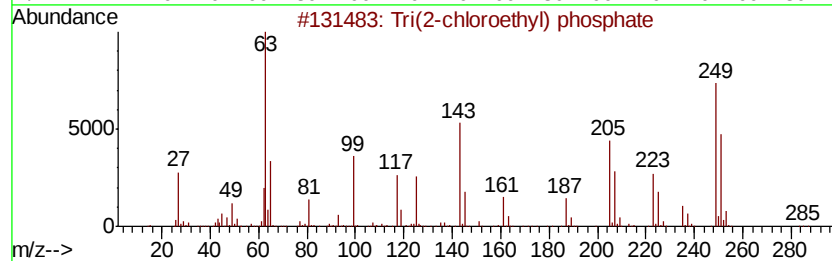
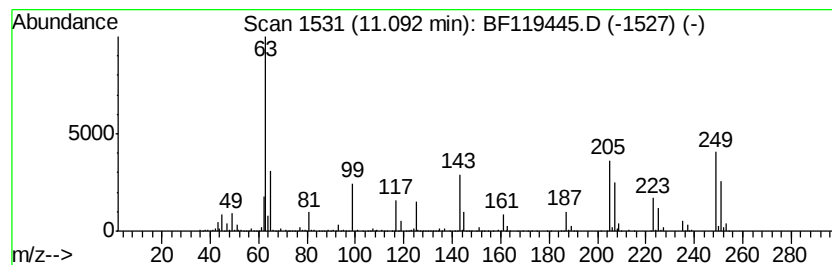
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Tri(2-chloroethyl) phosphate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	9.16 ng	1319010	Phenanthrene-d10	11.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tri(2-chloroethyl) phosphate	284 C6H12Cl3O4P	000115-96-8 91
2		1,2,5-Thiadiazole-3-carboxamide,...	250 C7H11ClN4O2S	147194-45-4 58
3		Propanoic acid, 2-chloro-, methv...	122 C4H7ClO2	073246-45-4 53
4		Ethene, (2-chloroethoxy)-	106 C4H7ClO	000110-75-8 53
5		Carbonochloridic acid, 2-chloroe...	142 C3H4Cl2O2	000627-11-2 50



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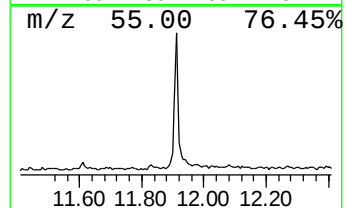
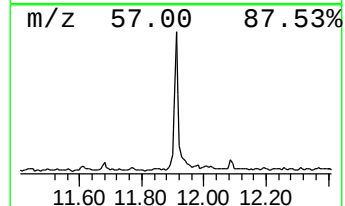
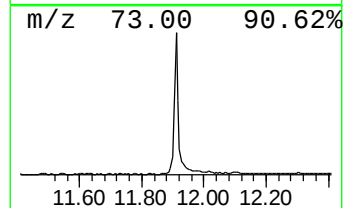
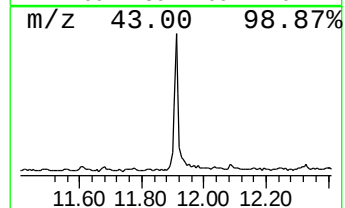
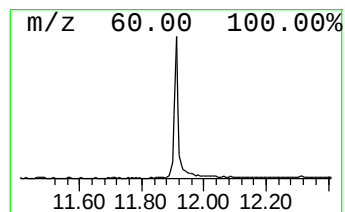
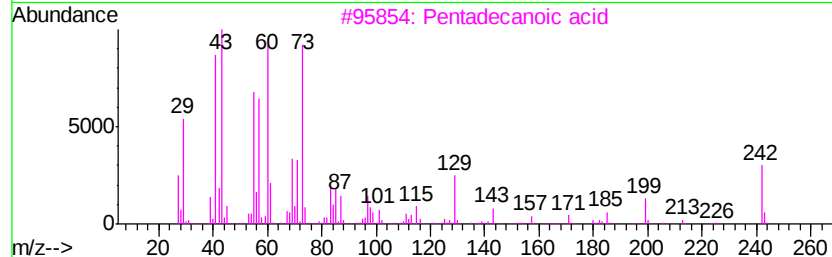
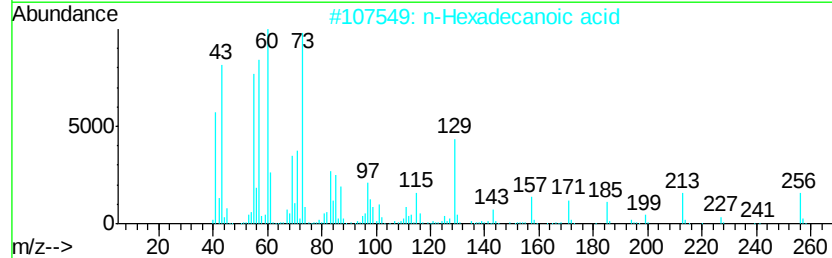
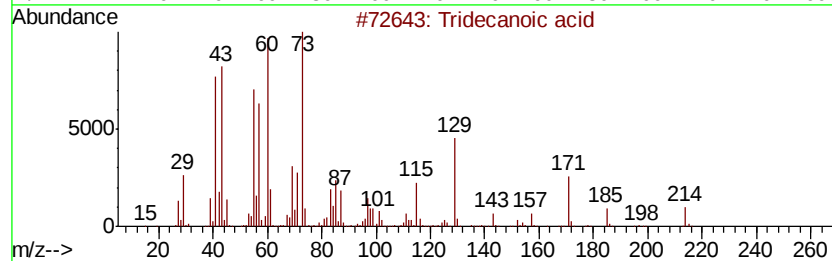
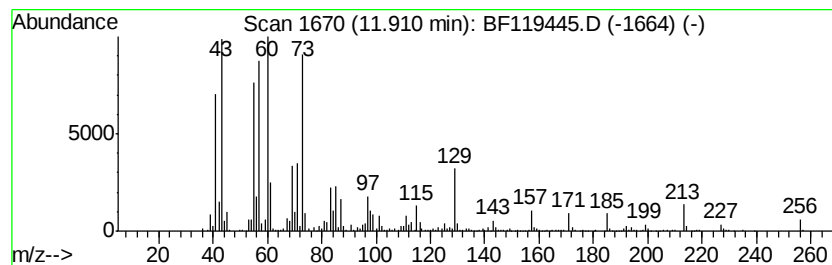
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	8.06 ng	1161280	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62



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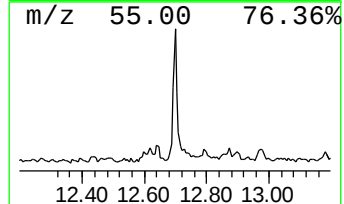
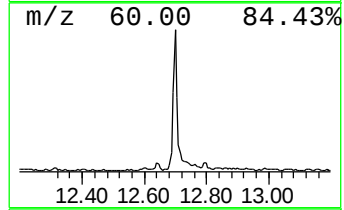
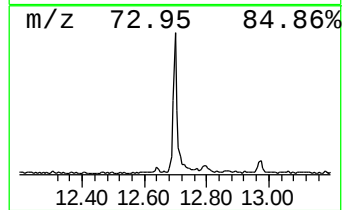
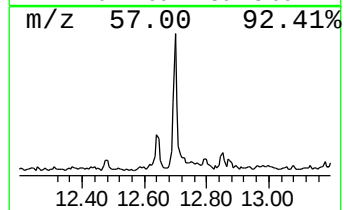
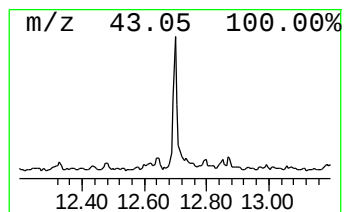
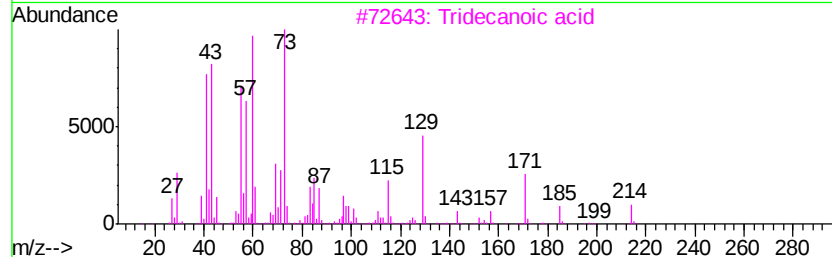
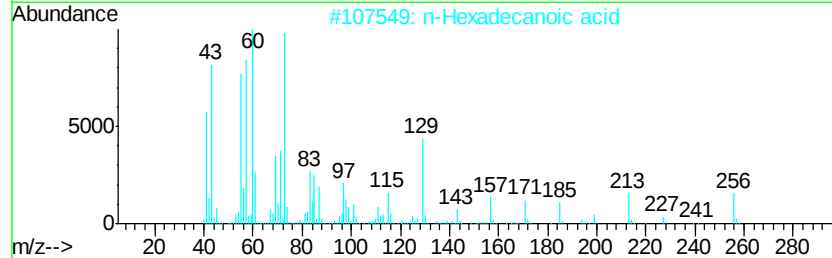
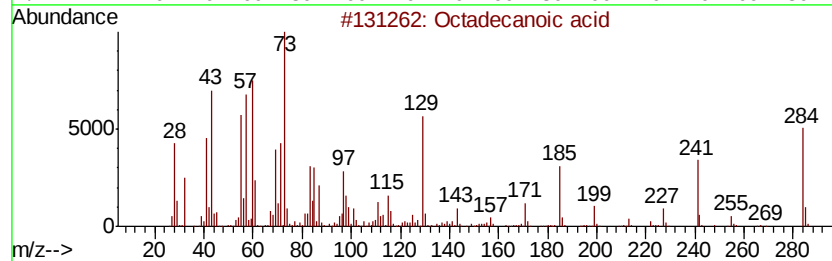
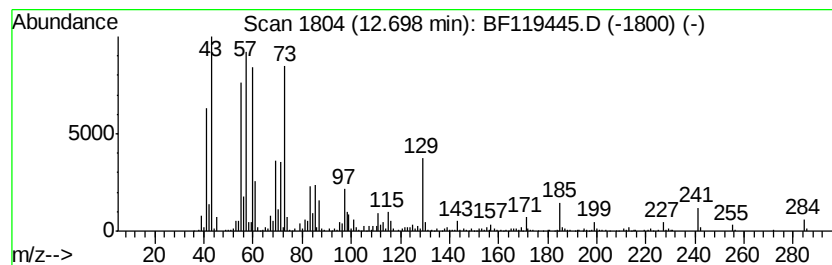
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.37 ng	773939	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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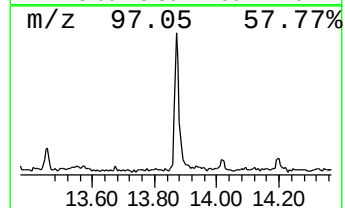
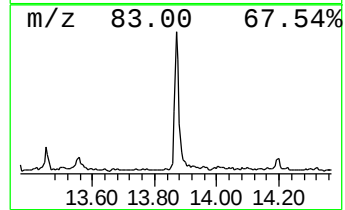
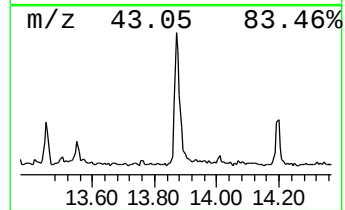
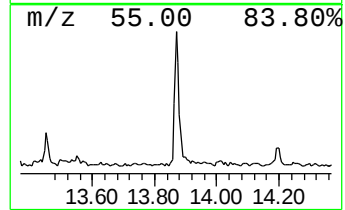
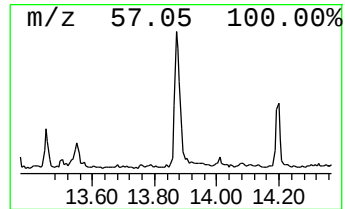
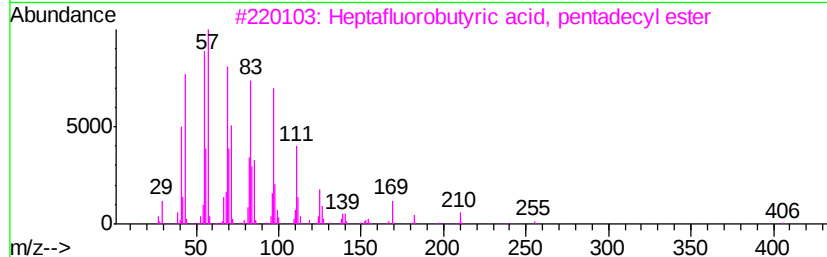
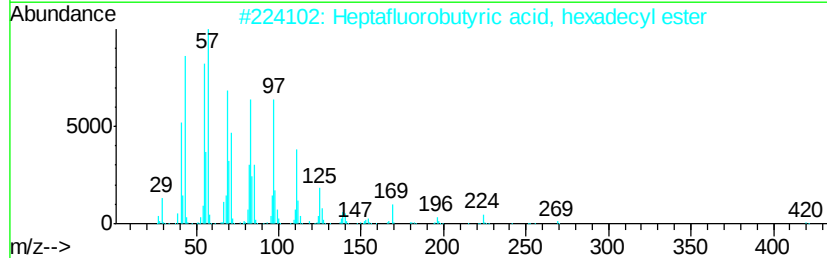
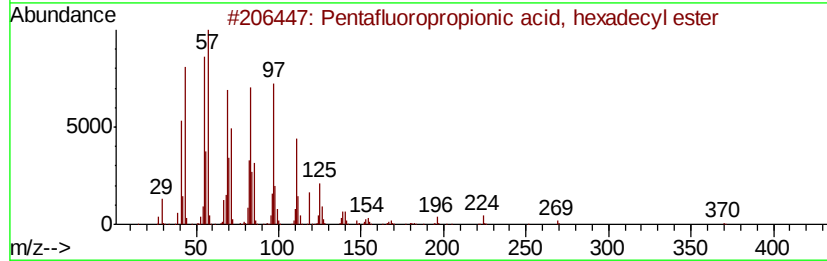
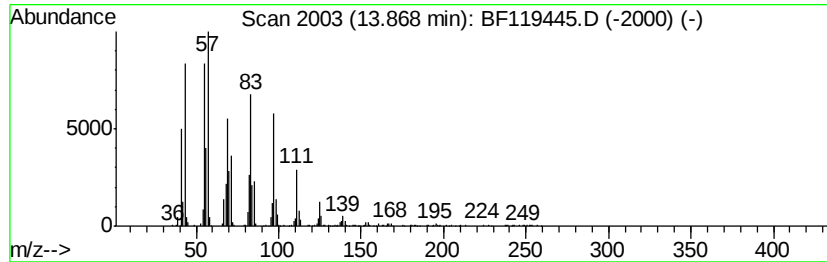
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.62 ng	723909	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	94
2		Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	94
3		Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	94
4		Trichloroacetic acid, pentadecyl ester	372	C17H31Cl3O2	074339-53-0	93
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93



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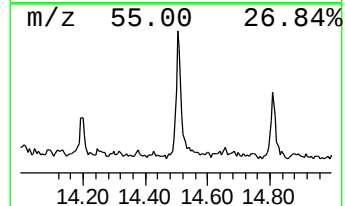
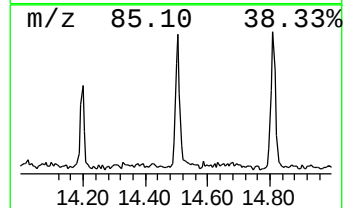
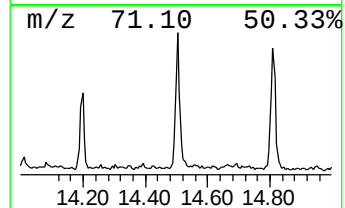
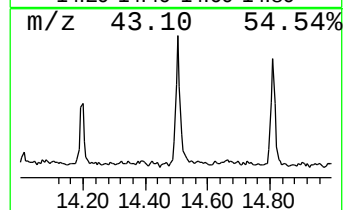
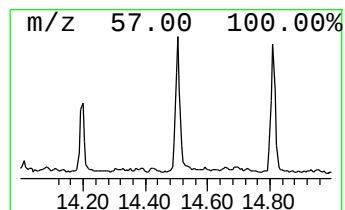
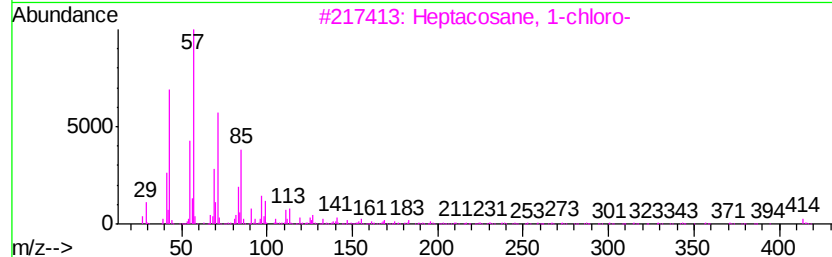
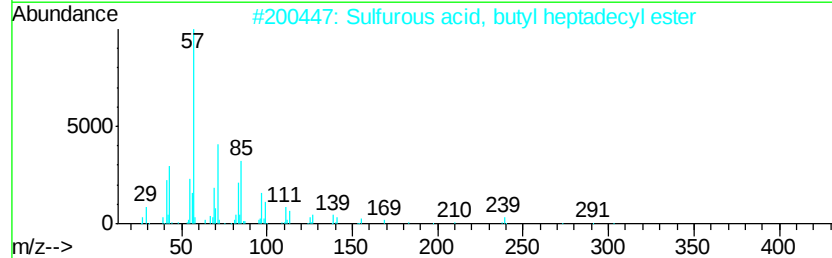
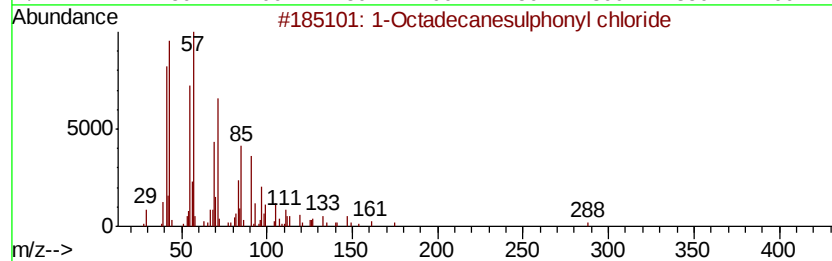
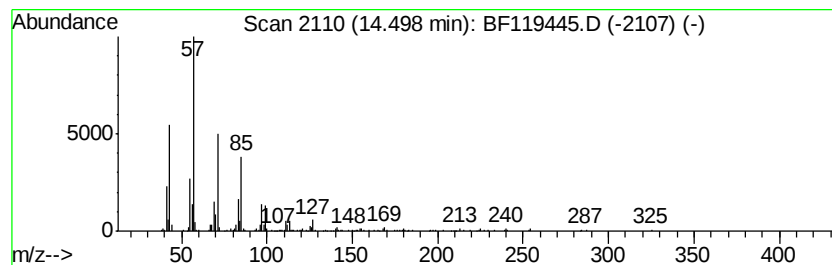
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.63 ng	397062	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
4		Tritetracontane	605	C43H88	007098-21-7	72
5		Pentacosane	352	C25H52	000629-99-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119445.D
 Acq On : 19 Mar 2020 18:28
 Operator : CG/JU
 Sample : L1917-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

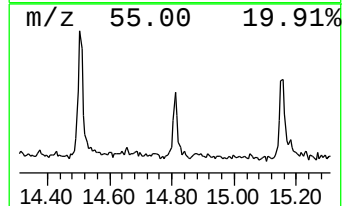
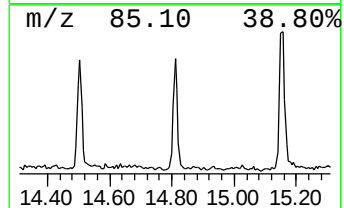
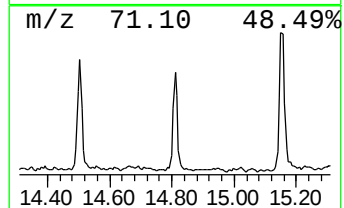
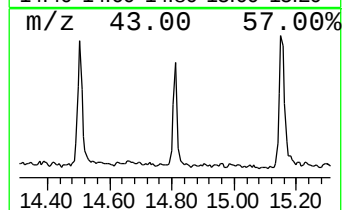
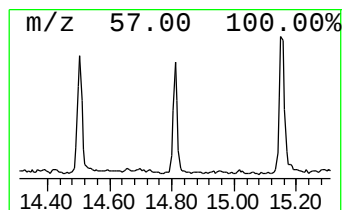
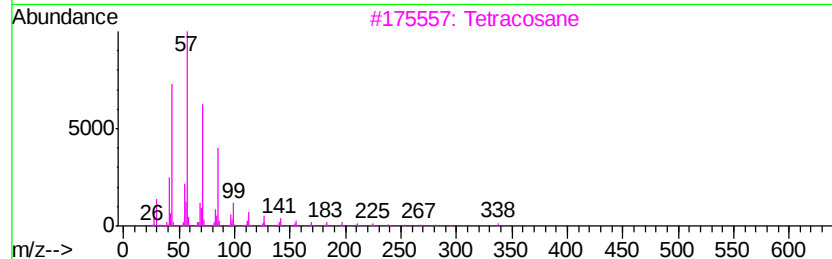
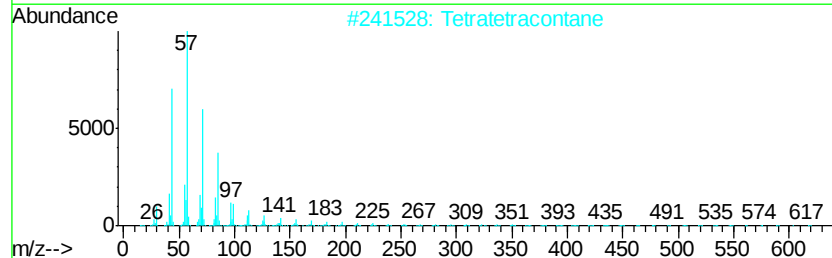
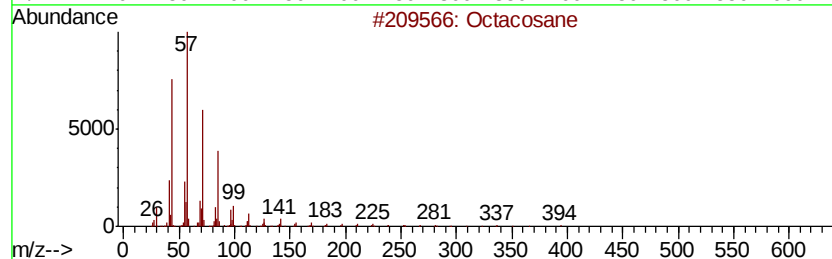
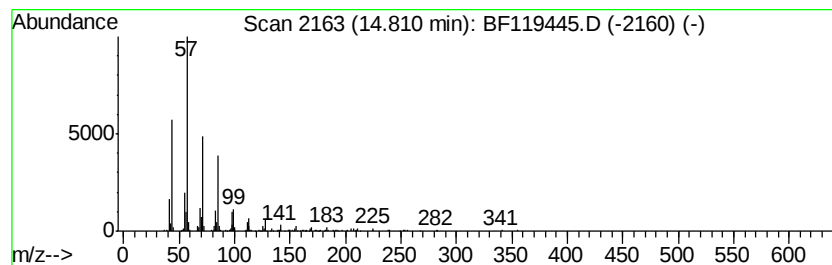
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.24 ng	251872	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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Acq On : 19 Mar 2020 18:28
Operator : CG/JU
Sample : L1917-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

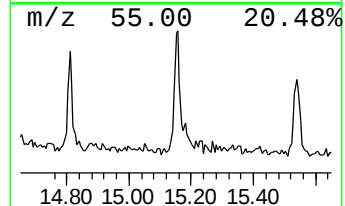
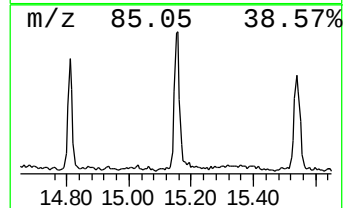
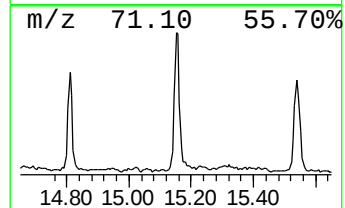
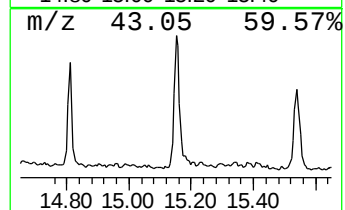
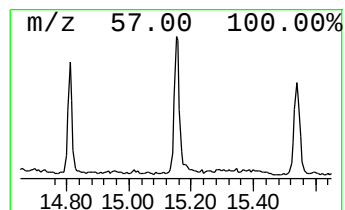
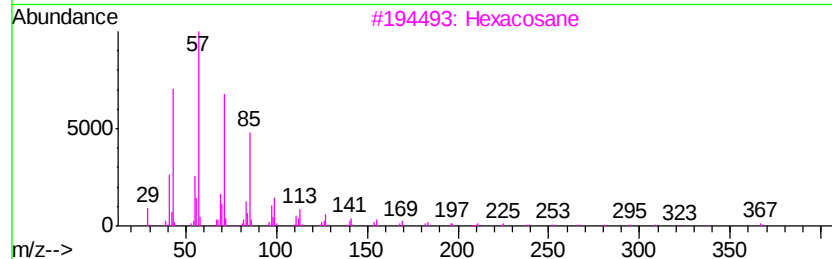
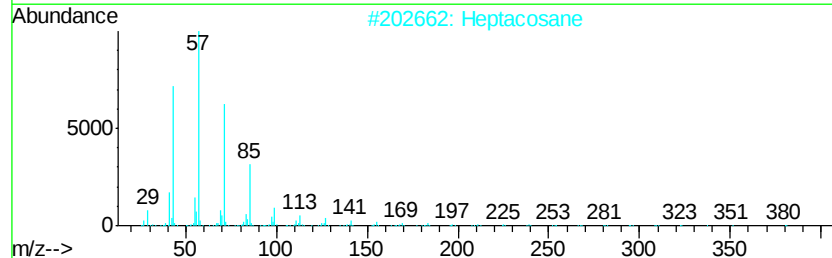
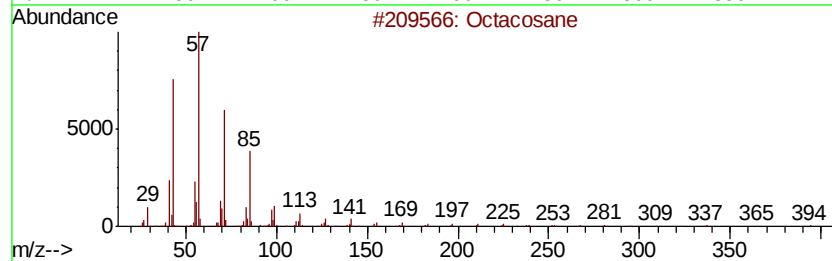
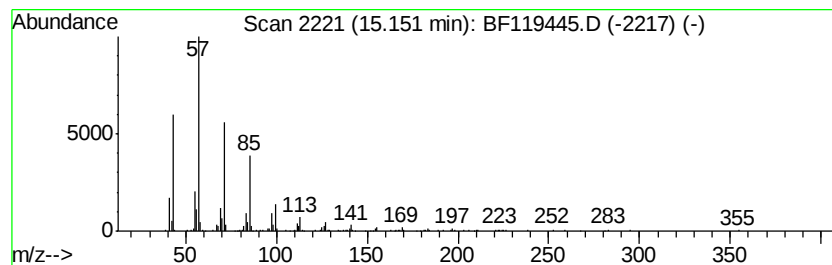
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	6.19 ng	481095	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 91
2	Heptacosane	380	C27H56	000593-49-7 91
3	Hexacosane	366	C26H54	000630-01-3 90
4	Hentriacontane	437	C31H64	000630-04-6 87
5	Heneicosane	296	C21H44	000629-94-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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Acq On : 19 Mar 2020 18:28
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Sample : L1917-05
Misc :
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Instrument :
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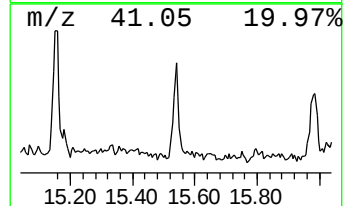
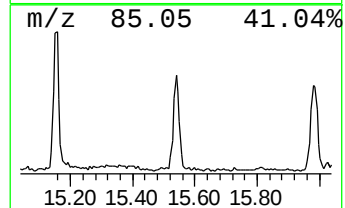
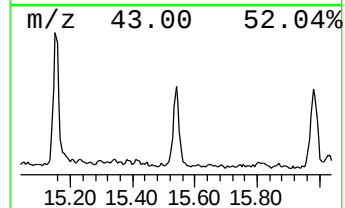
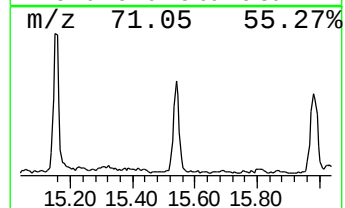
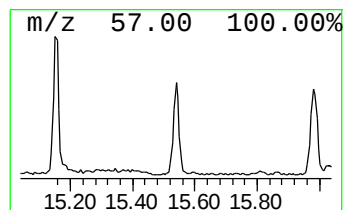
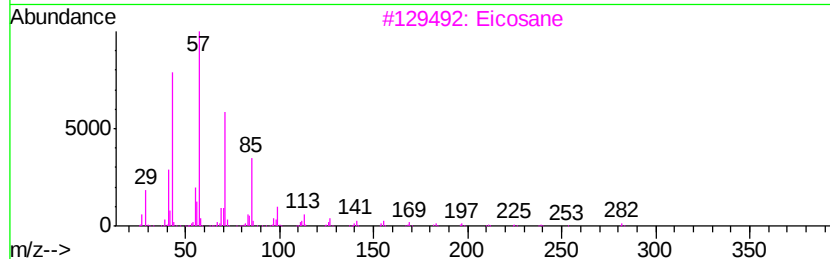
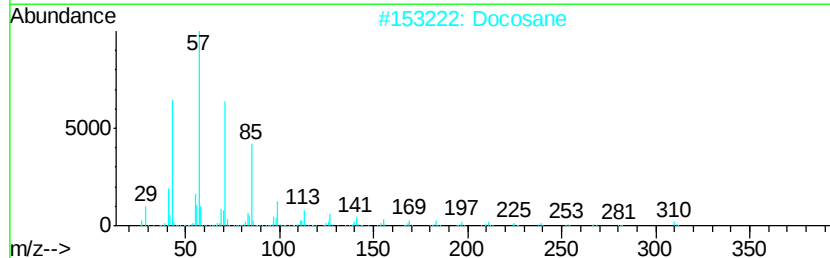
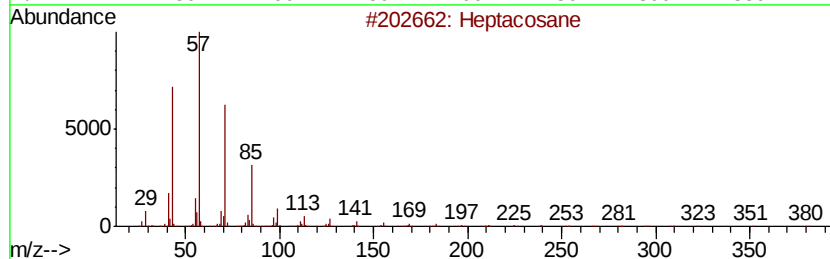
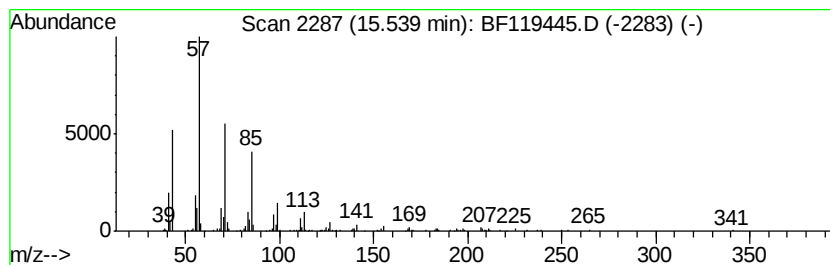
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.06 ng	315903	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Docosane	310	C22H46	000629-97-0	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119445.D
Acq On : 19 Mar 2020 18:28
Operator : CG/JU
Sample : L1917-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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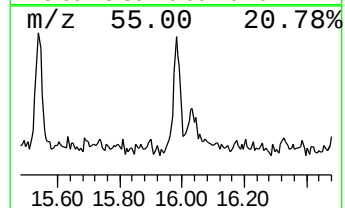
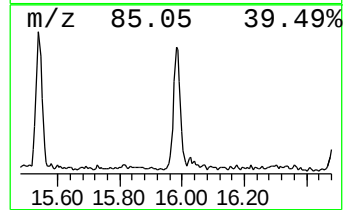
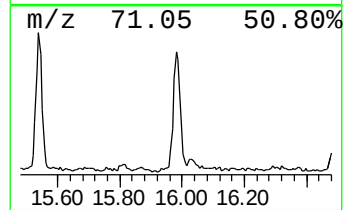
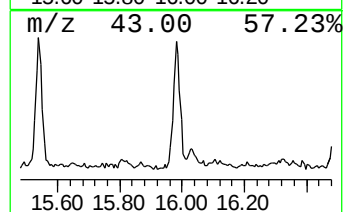
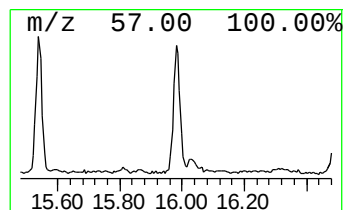
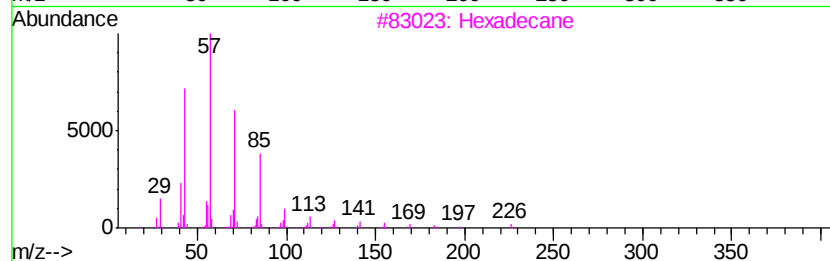
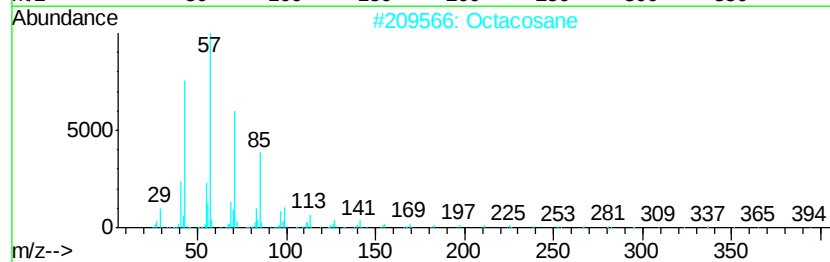
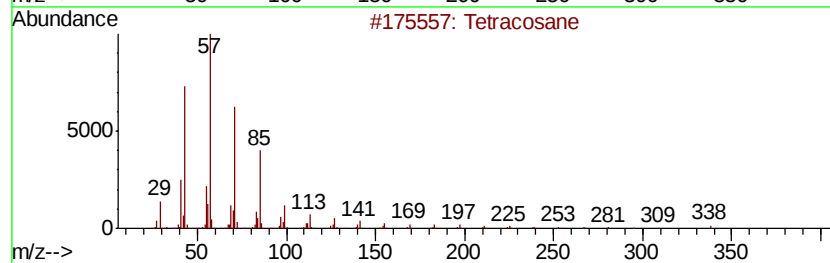
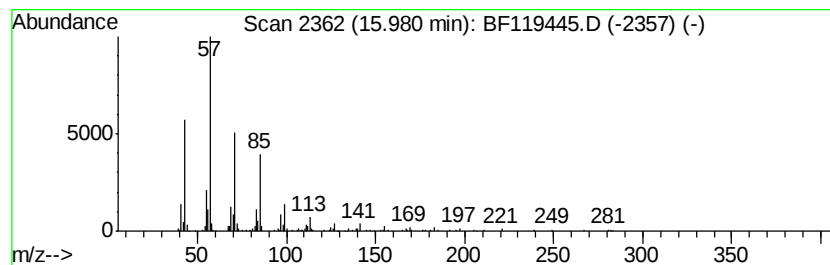
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	4.26 ng	331423	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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Acq On : 19 Mar 2020 18:28
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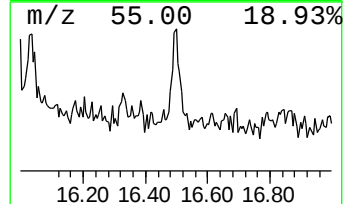
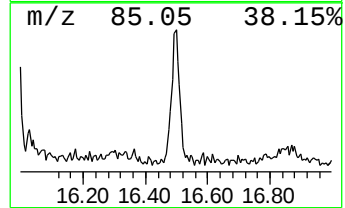
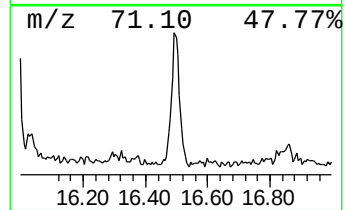
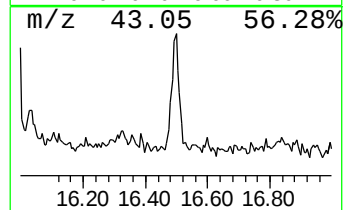
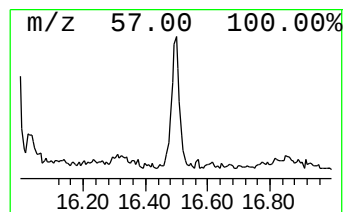
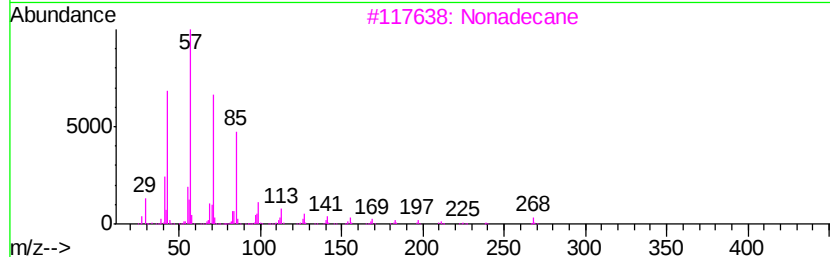
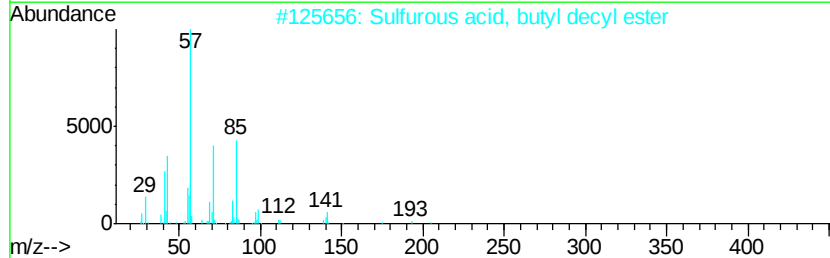
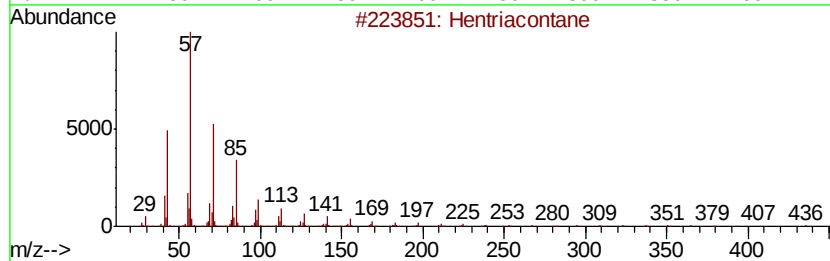
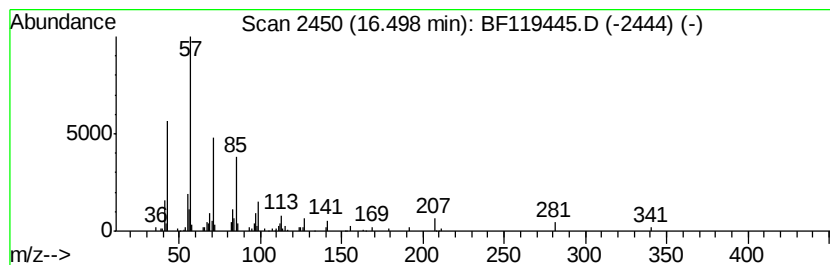
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.08 ng	161900	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	86
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
3		Nonadecane	268	C19H40	000629-92-5	72
4		Heptadecane	240	C17H36	000629-78-7	72
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
Data File : BF119445.D
Acq On : 19 Mar 2020 18:28
Operator : CG/JU
Sample : L1917-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tri(2-chloroethyl...	11.09	9.2	ng	1319010	4	11.38	2880680	20.0
Tridecanoic acid	11.91	8.1	ng	1161280	4	11.38	2880680	20.0
Octadecanoic acid	12.70	5.4	ng	773939	4	11.38	2880680	20.0
Pentafluoropropio...	13.87	6.6	ng	723909	5	14.02	2186680	20.0
1-Octadecanesulph...	14.50	3.6	ng	397062	5	14.02	2186680	20.0
Octacosane	14.81	3.2	ng	251872	6	15.49	1554920	20.0
Heptacosane	15.15	6.2	ng	481095	6	15.49	1554920	20.0
Docosane	15.54	4.1	ng	315903	6	15.49	1554920	20.0
Tetracosane	15.98	4.3	ng	331423	6	15.49	1554920	20.0
Hentriacontane	16.50	2.1	ng	161900	6	15.49	1554920	20.0