

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119854.D
 Acq On : 9 Apr 2020 5:23
 Operator : MA/SJ
 Sample : L2151-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-720

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-BF040820.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	4.963	485	489	496	rVB	80247	97960	1.09%	0.176%
2	5.375	554	559	562	rBV	3070773	2790350	31.17%	5.009%
3	6.392	727	732	739	rBV	1954457	1784611	19.94%	3.203%
4	6.763	791	795	799	rBV	1492958	1220090	13.63%	2.190%
5	6.922	817	822	826	rVB	5168720	5370742	60.00%	9.641%
6	7.333	885	892	895	rBV	4185545	4820255	53.85%	8.653%
7	8.051	1009	1014	1017	rBV	1726409	1531859	17.11%	2.750%
8	9.133	1192	1198	1201	rBV	7689118	8178995	91.38%	14.682%
9	9.522	1257	1264	1267	rBV	852990	719780	8.04%	1.292%
10	9.810	1306	1313	1316	rBV	1852843	1853642	20.71%	3.327%
11	10.604	1440	1448	1451	rBV	5255548	5668487	63.33%	10.175%
12	11.016	1514	1518	1521	rVB	929866	726799	8.12%	1.305%
13	11.292	1561	1565	1569	rBV	2194708	1925261	21.51%	3.456%
14	11.833	1653	1657	1675	rVB	1715319	1699433	18.99%	3.051%
15	12.616	1787	1790	1803	rVB	932850	987392	11.03%	1.772%
16	12.892	1831	1837	1840	rBV	7596137	8950616	100.00%	16.067%
17	13.121	1873	1876	1883	rVB2	97949	111763	1.25%	0.201%
18	13.368	1914	1918	1922	rVB	150372	159827	1.79%	0.287%
19	13.463	1929	1934	1941	rVB3	87679	162212	1.81%	0.291%
20	13.798	1987	1991	2003	rBV	907776	1321403	14.76%	2.372%
21	13.933	2010	2014	2018	rBV	1909983	1738798	19.43%	3.121%
22	14.110	2040	2044	2047	rBV	132975	132782	1.48%	0.238%
23	14.415	2092	2096	2098	rBV	174554	170695	1.91%	0.306%
24	14.445	2098	2101	2108	rVB4	63944	112818	1.26%	0.203%
25	14.715	2144	2147	2150	rVB	226268	199591	2.23%	0.358%
26	14.786	2155	2159	2163	rVB	202863	193917	2.17%	0.348%
27	15.039	2198	2202	2208	rBV	215948	253657	2.83%	0.455%
28	15.374	2253	2259	2262	rBV	1168865	1417240	15.83%	2.544%
29	15.409	2262	2265	2273	rVB	197074	255078	2.85%	0.458%
30	15.833	2332	2337	2343	rBV	142892	204825	2.29%	0.368%
31	15.915	2345	2351	2365	rVV5	94920	293073	3.27%	0.526%
32	16.315	2414	2419	2425	rBV2	69479	129009	1.44%	0.232%
33	17.568	2614	2632	2633	rBV3	160118	526023	5.88%	0.944%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-720

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

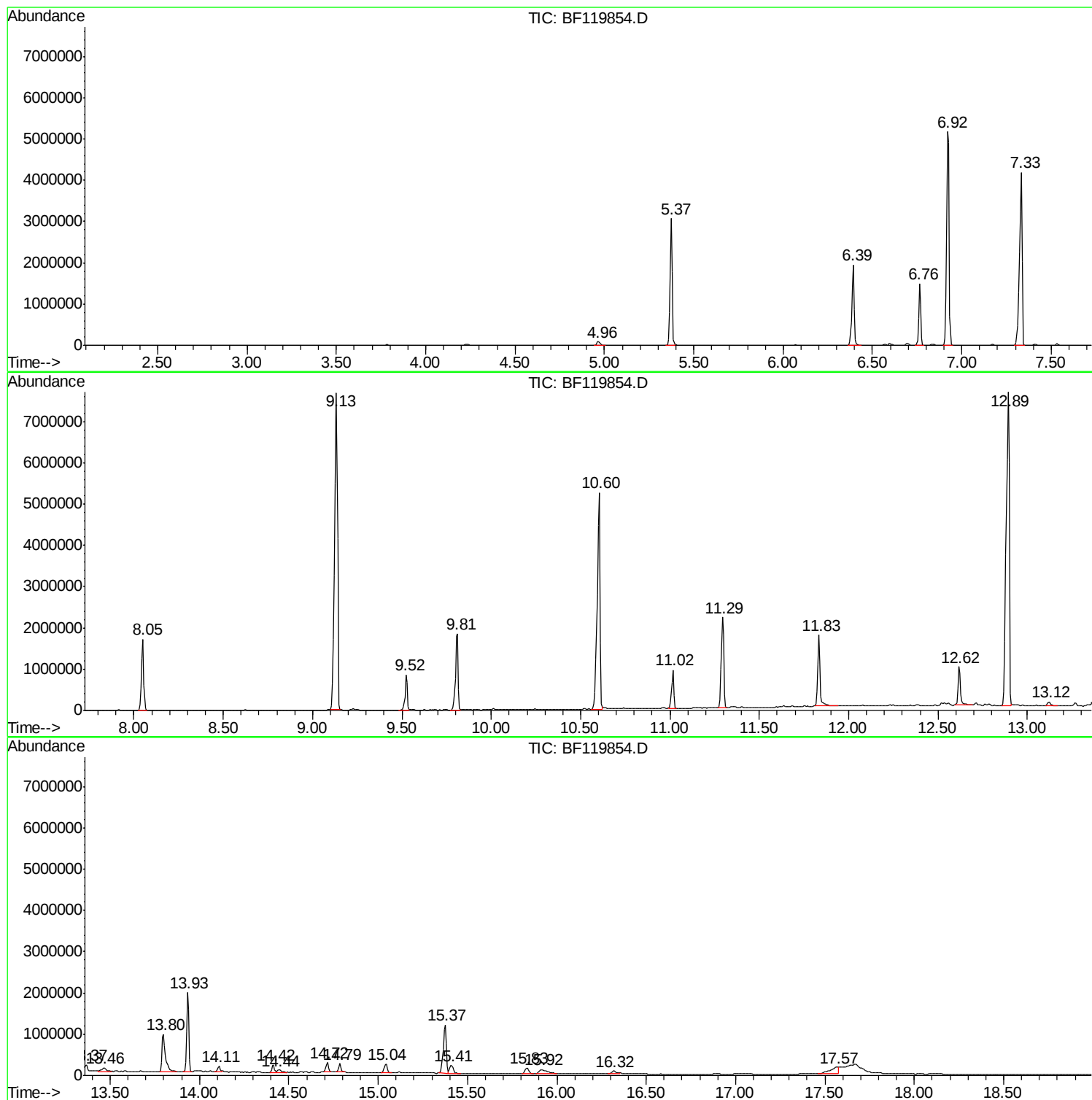
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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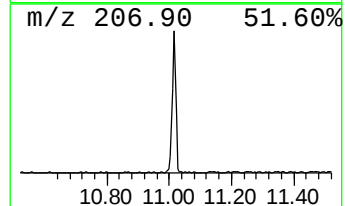
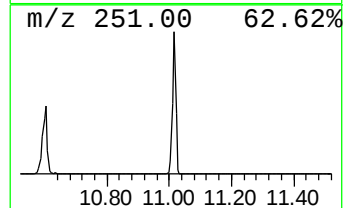
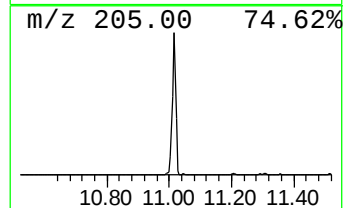
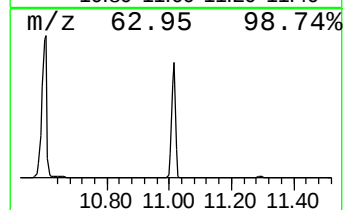
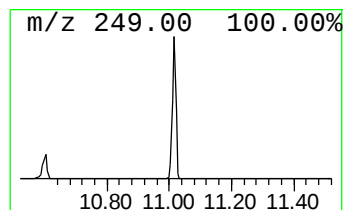
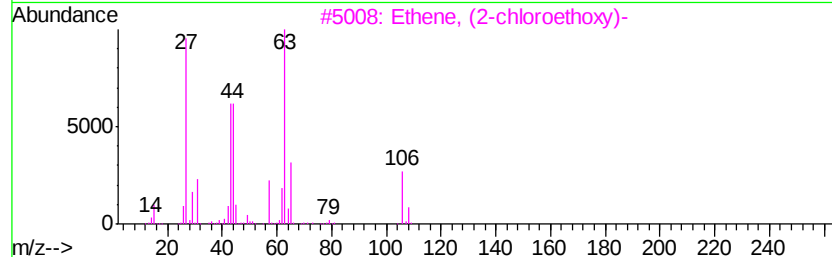
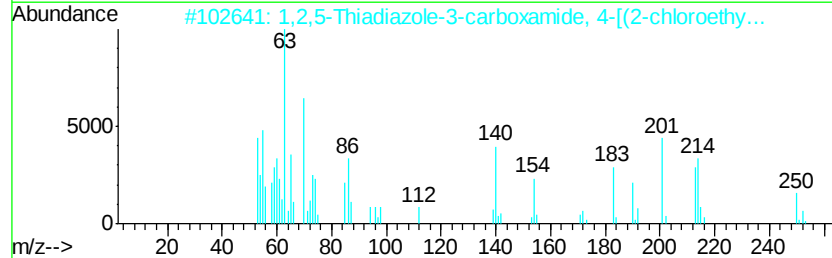
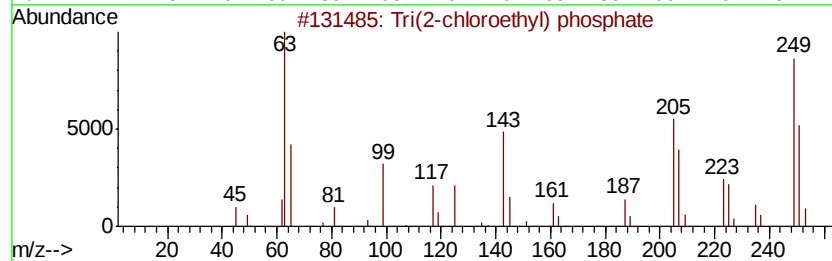
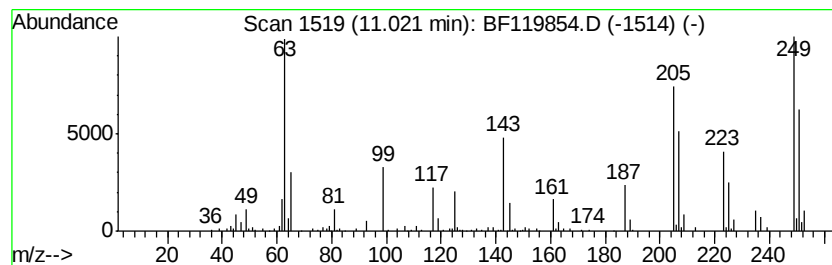
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tri(2-chloroethyl) phosphate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	7.55 ng	726799	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	90
2		1,2,5-Thiadiazole-3-carboxamide,...	250	C7H11ClN4O2S	147194-45-4	52
3		Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	50
4		2-Chloroethyl carbonate	186	C5H8Cl2O3	000623-97-2	38
5		Trichloroacetic acid, 2-chloroet...	224	C4H4Cl4O2	1000330-88-7	38



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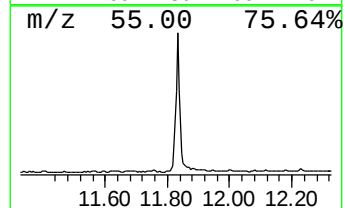
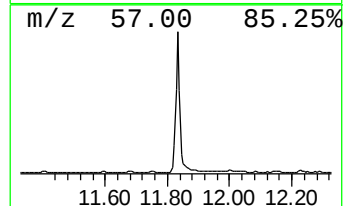
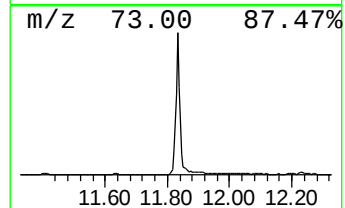
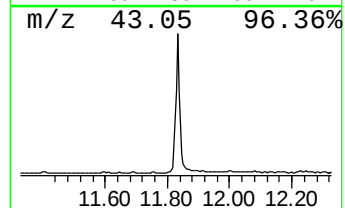
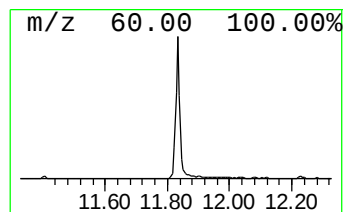
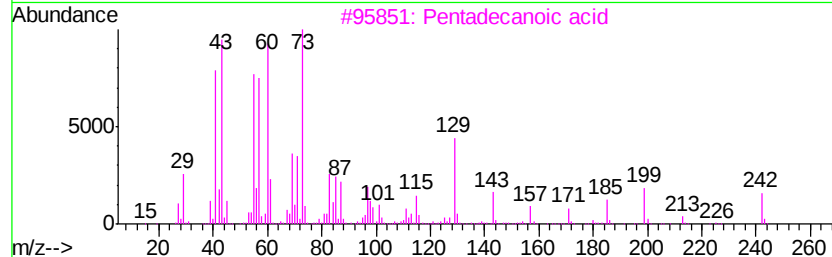
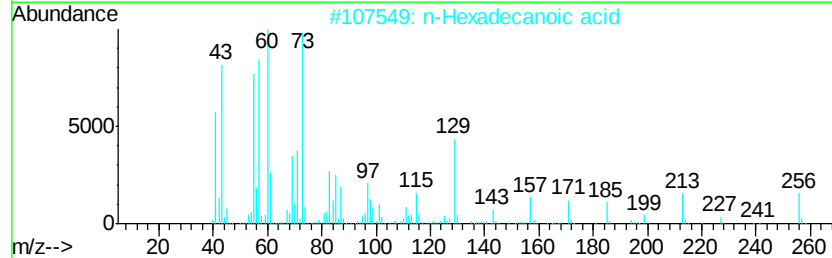
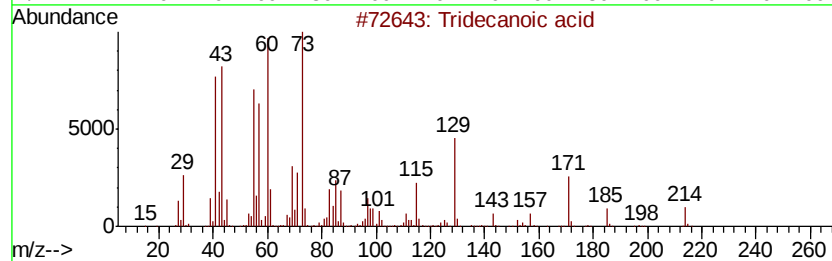
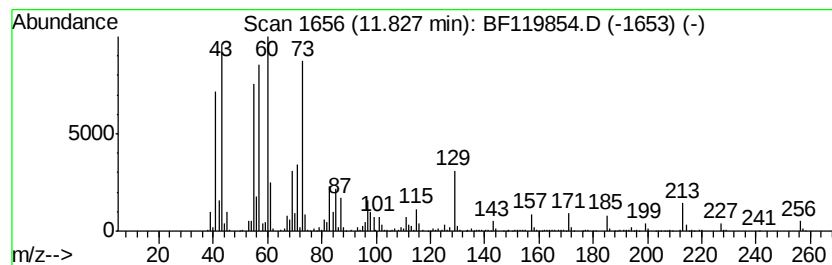
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.83	17.65 ng	1699430	Phenanthrene-d10		11.29
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	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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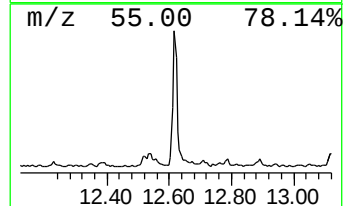
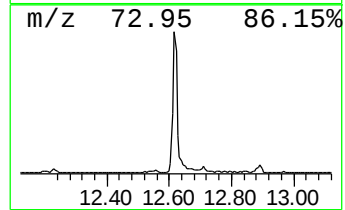
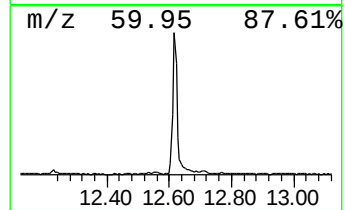
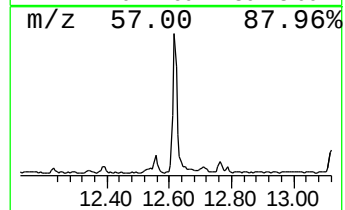
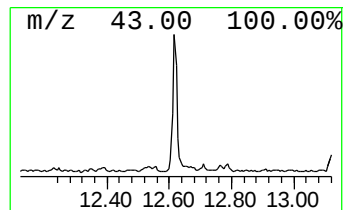
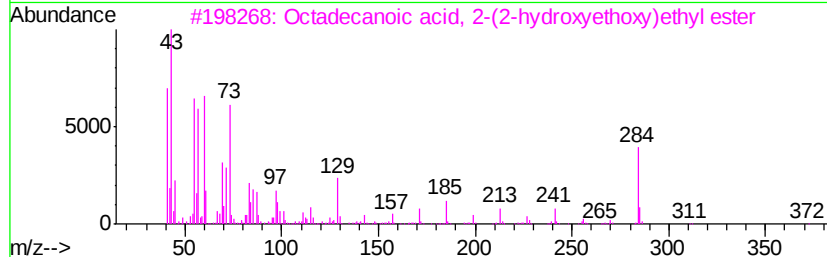
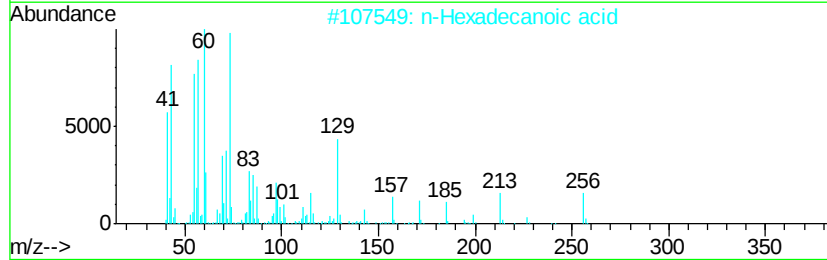
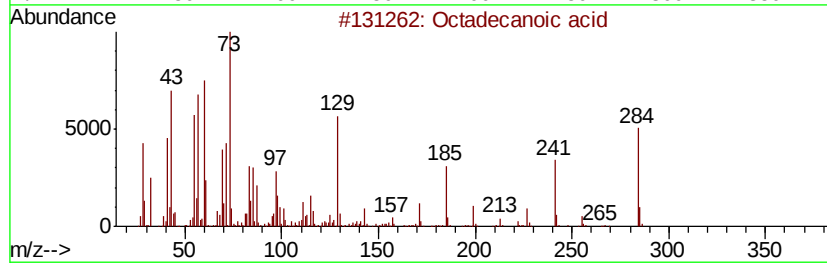
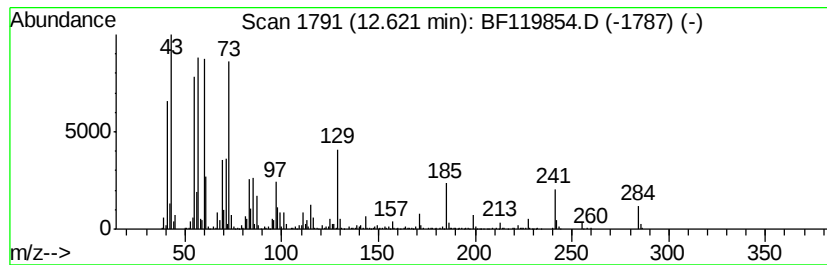
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	11.36 ng	987392	Chrysene-d12	13.93

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	87
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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ALS Vial : 22 Sample Multiplier: 1

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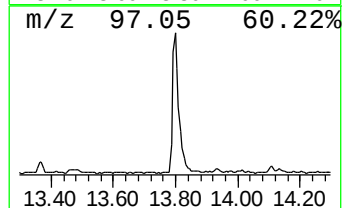
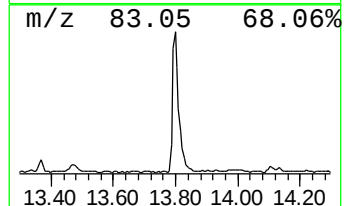
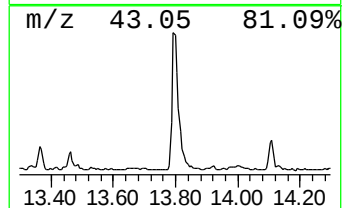
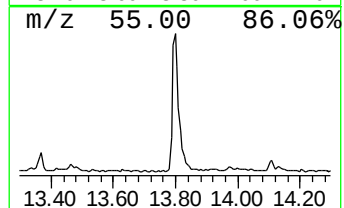
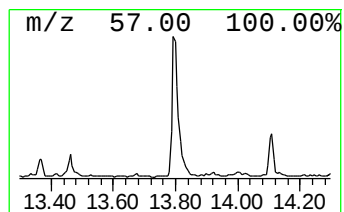
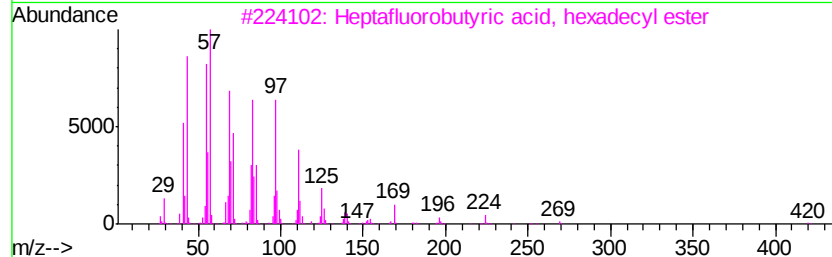
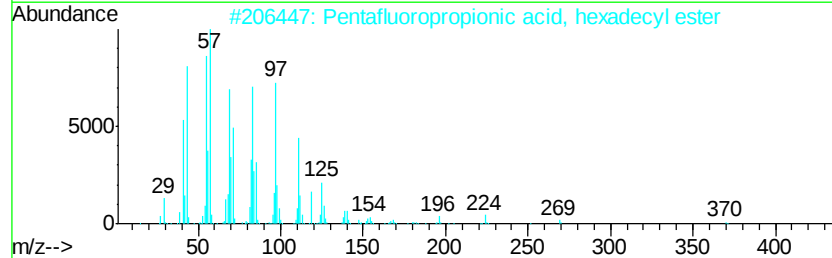
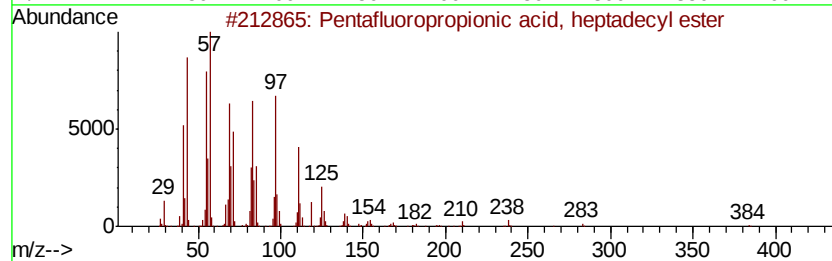
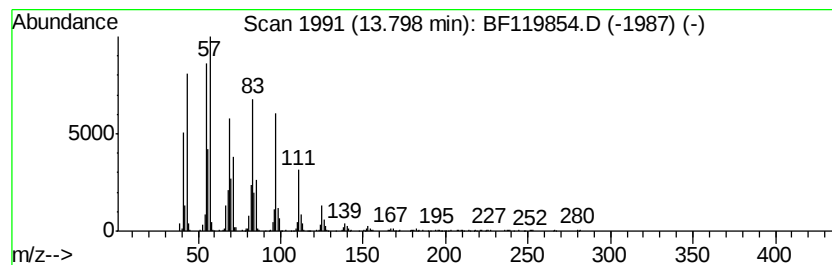
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	15.20 ng	1321400	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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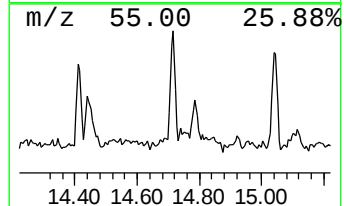
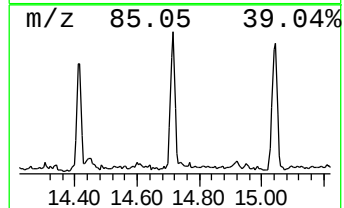
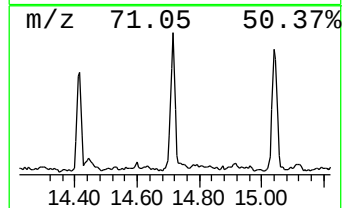
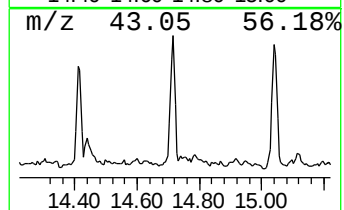
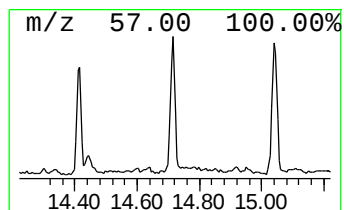
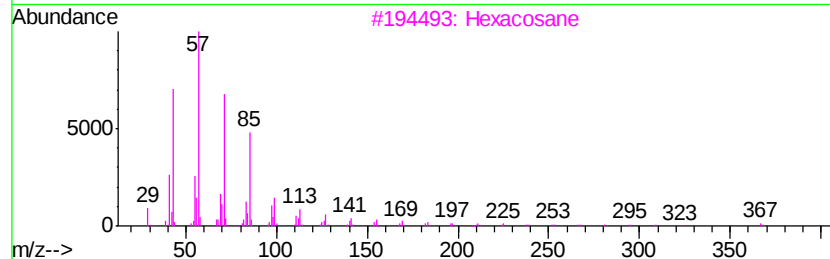
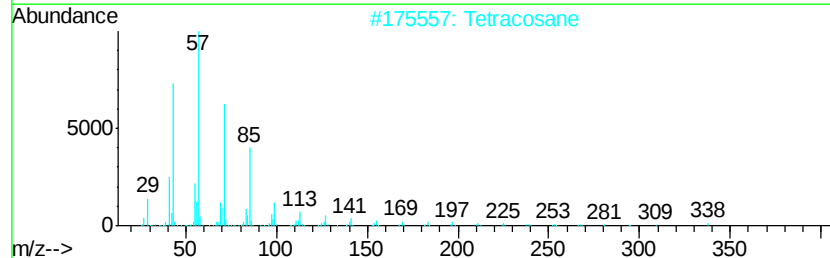
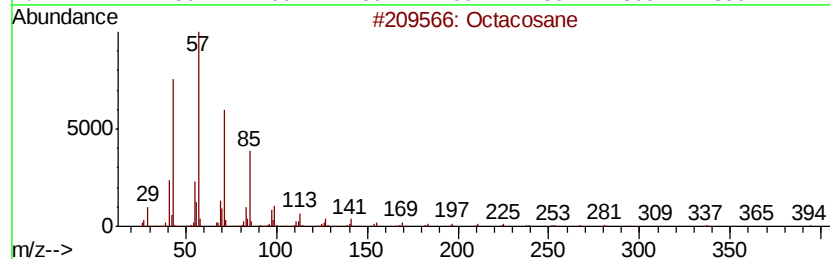
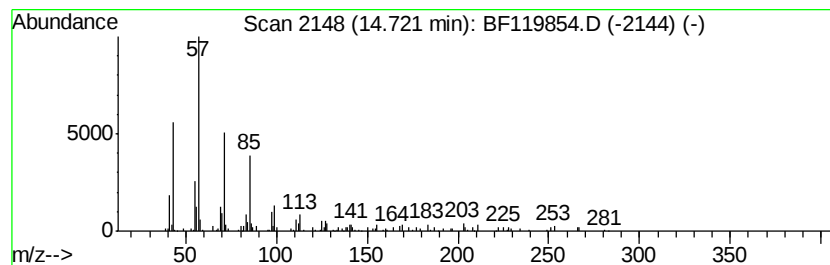
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.82 ng	199591	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5		Heneicosane	296	C21H44	000629-94-7	83



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ClientSampleId :
MH-720

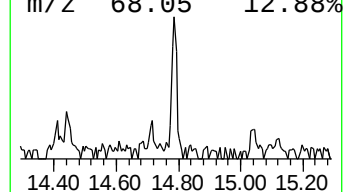
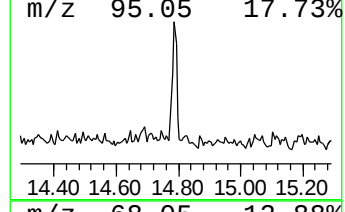
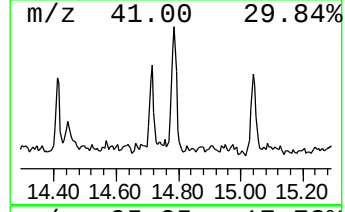
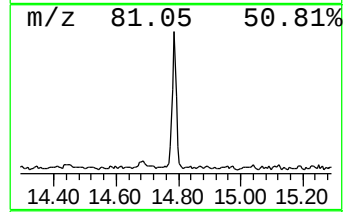
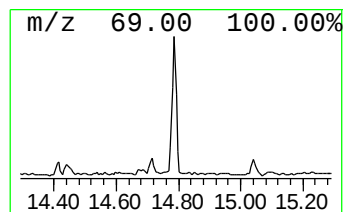
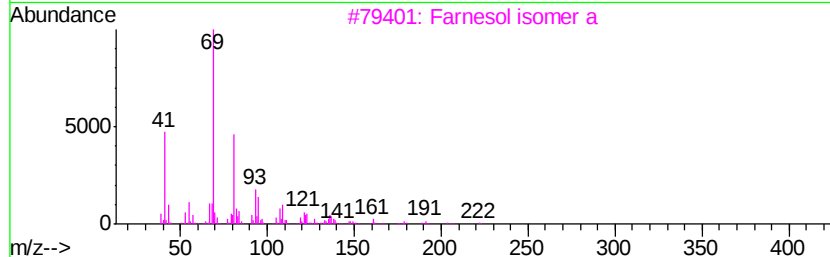
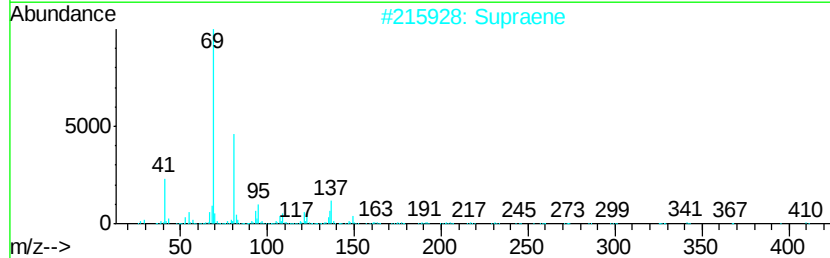
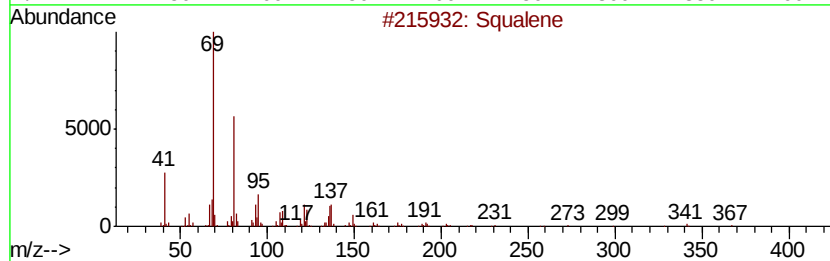
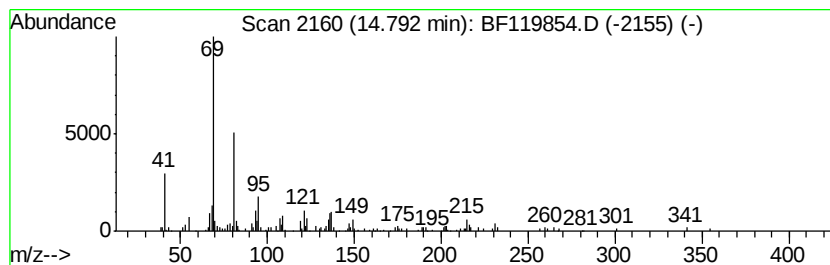
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.74 ng	193917	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Supraene	410	C30H50	007683-64-9	87
3		Farnesol isomer a	222	C15H26O	1000108-92-4	81
4		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	80
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119854.D
Acq On : 9 Apr 2020 5:23
Operator : MA/SJ
Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-720

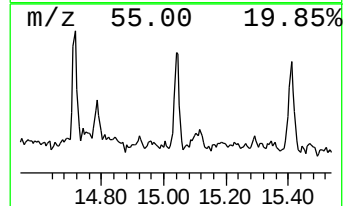
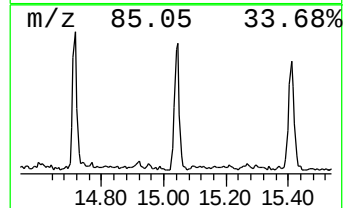
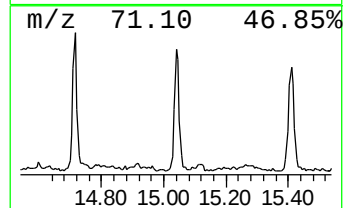
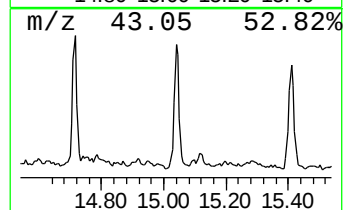
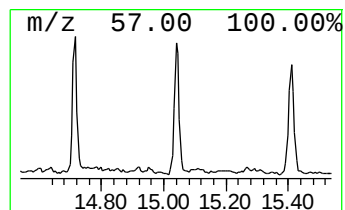
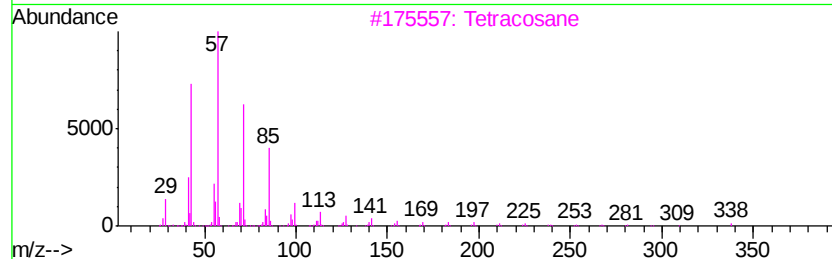
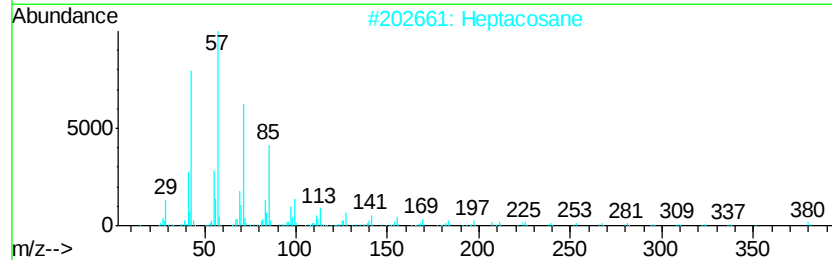
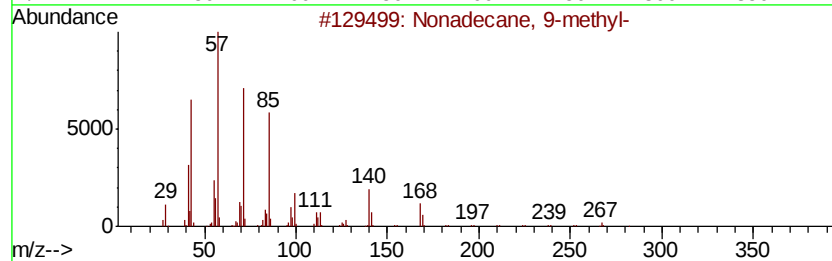
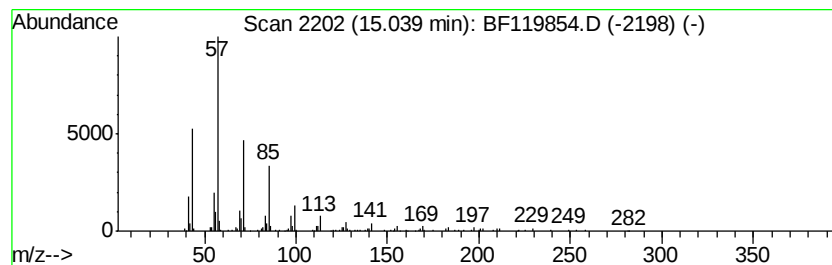
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.58 ng	253657	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Heptacosane	380	C27H56	000593-49-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Acq On : 9 Apr 2020 5:23
Operator : MA/SJ
Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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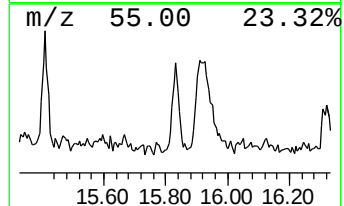
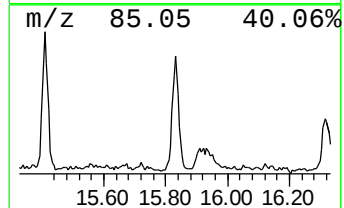
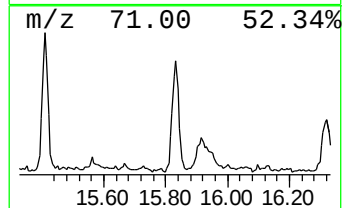
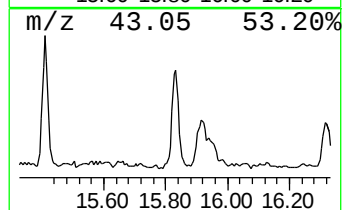
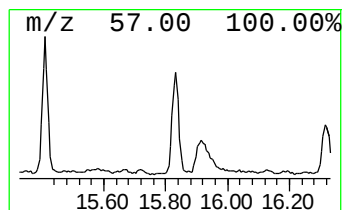
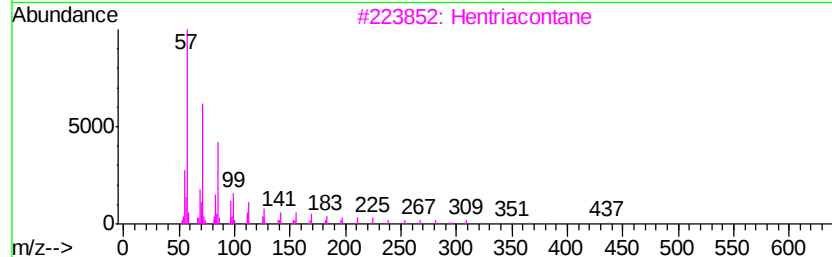
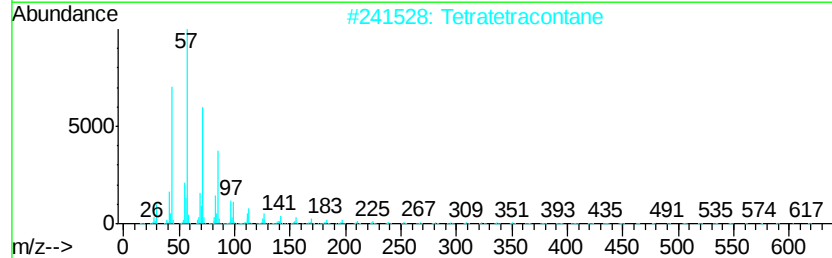
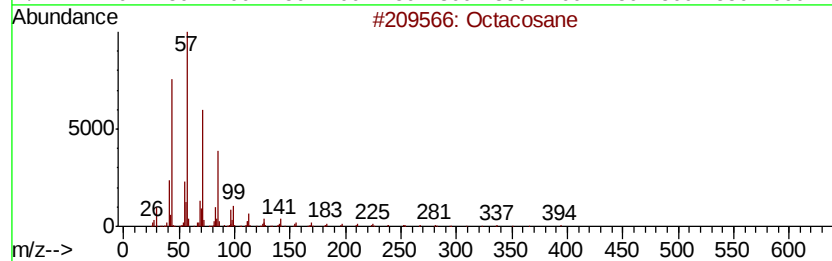
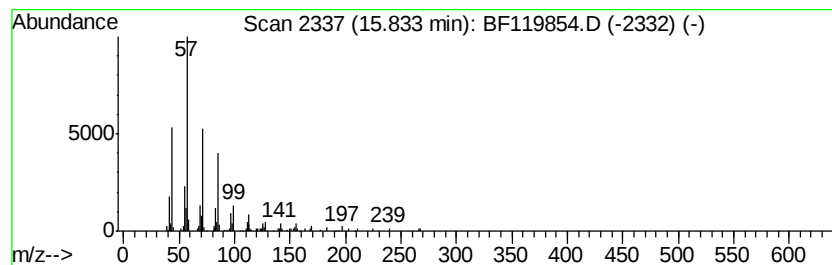
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.89 ng	204825	Perylene-d12	15.37

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		Hentriacontane	437	C31H64	000630-04-6	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119854.D
Acq On : 9 Apr 2020 5:23
Operator : MA/SJ
Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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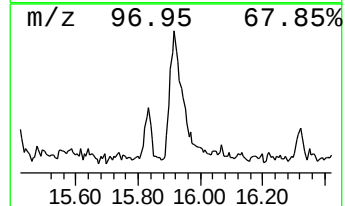
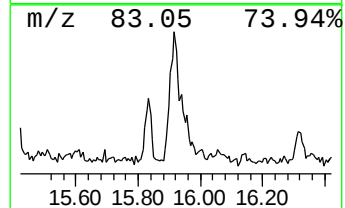
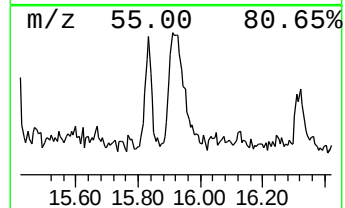
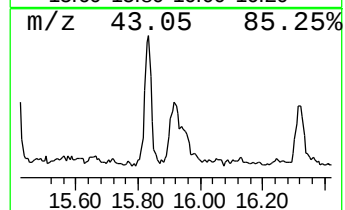
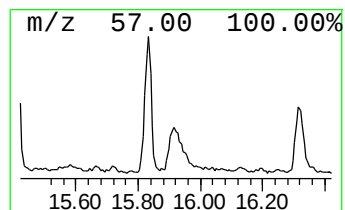
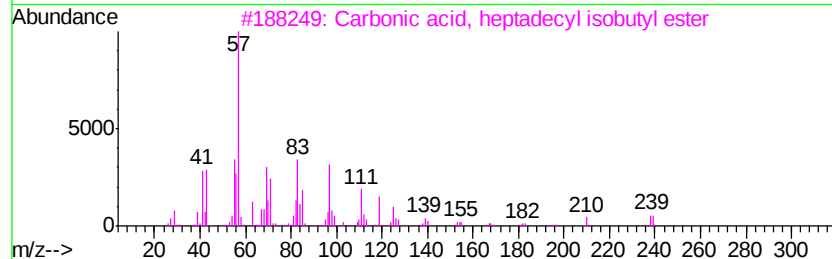
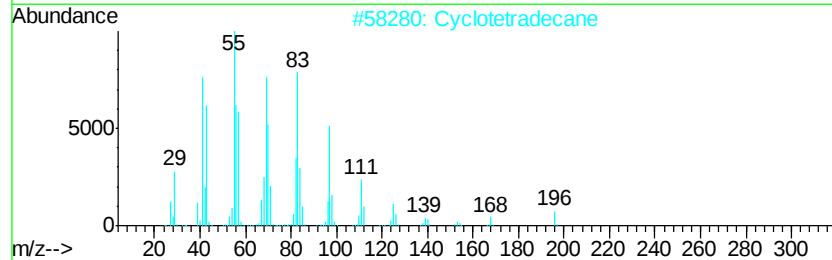
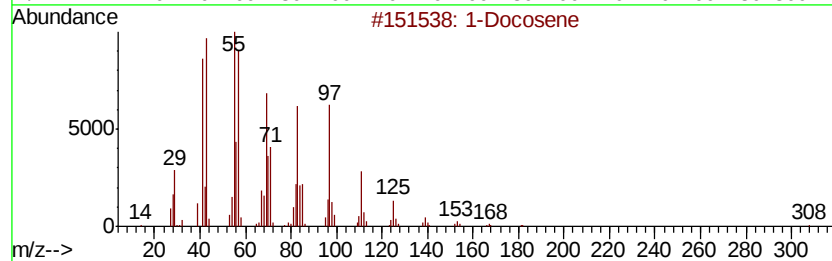
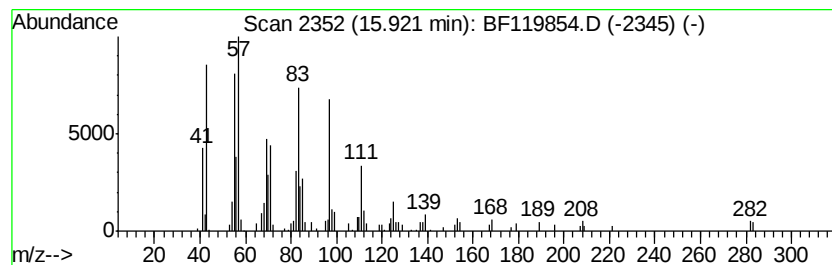
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.14 ng	293073	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	91
2			Cyclotetradecane	196	C14H28	000295-17-0	89
3			Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	64
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	62
5			17-Pentatriacontene	491	C35H70	006971-40-0	62



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Operator : MA/SJ
Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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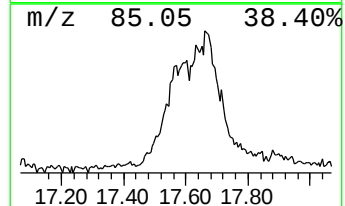
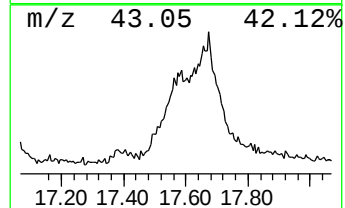
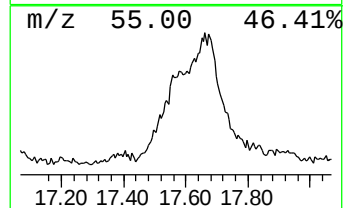
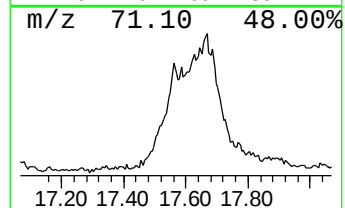
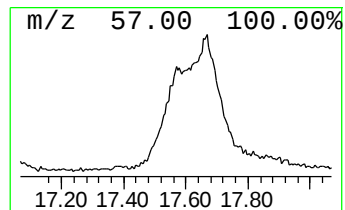
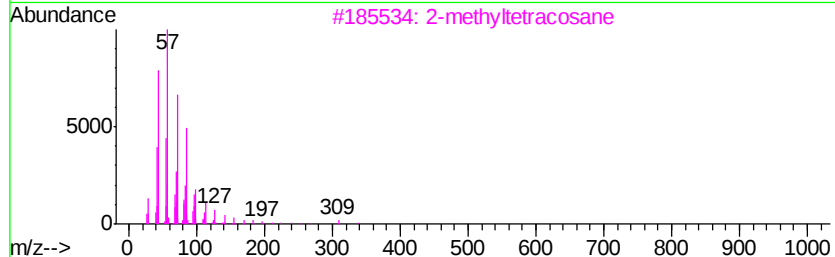
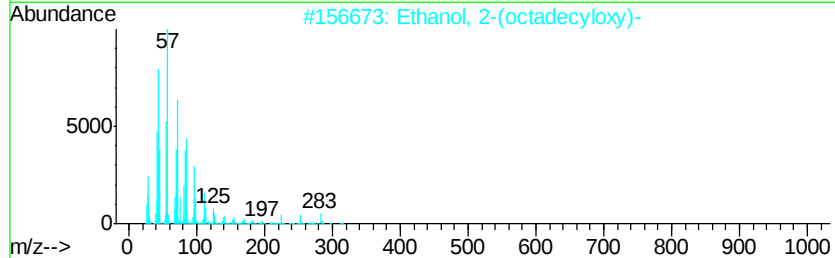
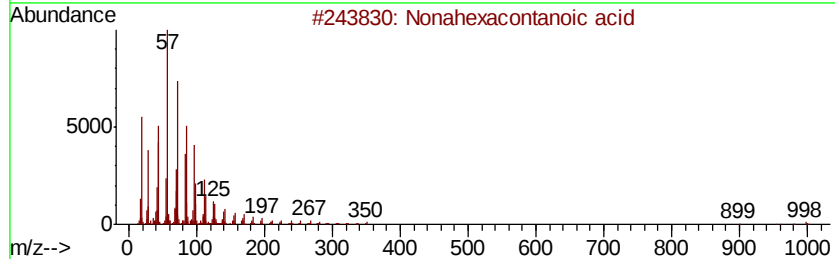
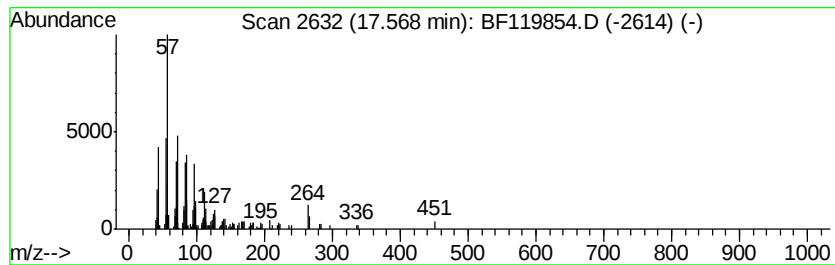
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonaheptacontanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	7.42 ng	526023	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	74
2		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	72
3		2-methyltetracosane	352	C25H52	1000376-72-6	68
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	68
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
Data File : BF119854.D
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Sample : L2151-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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
Tri(2-chloroethyl...	11.02	7.5	ng	726799	4	11.29	1925260	20.0
Tridecanoic acid	11.83	17.6	ng	1699430	4	11.29	1925260	20.0
Octadecanoic acid	12.62	11.4	ng	987392	5	13.93	1738800	20.0
Pentafluoropropio...	13.80	15.2	ng	1321400	5	13.93	1738800	20.0
Octacosane	14.72	2.8	ng	199591	6	15.37	1417240	20.0
Squalene	14.79	2.7	ng	193917	6	15.37	1417240	20.0
Nonadecane, 9-met...	15.04	3.6	ng	253657	6	15.37	1417240	20.0
Tetratetracontane	15.83	2.9	ng	204825	6	15.37	1417240	20.0
1-Docosene	15.92	4.1	ng	293073	6	15.37	1417240	20.0
Nonahexacontanoic...	17.57	7.4	ng	526023	6	15.37	1417240	20.0