

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119851.D
 Acq On : 9 Apr 2020 4:02
 Operator : MA/SJ
 Sample : L2151-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-726

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	rBV	93541	110518	1.42%	0.231%
2	5.375	554	559	562	rBV	2745983	2523216	32.48%	5.280%
3	6.392	727	732	743	rBV	1734978	1681358	21.65%	3.518%
4	6.763	791	795	799	rBV	1323437	1118645	14.40%	2.341%
5	6.922	817	822	825	rBV	4748385	4702305	60.54%	9.839%
6	7.333	885	892	895	rBV	3829557	4277263	55.07%	8.950%
7	8.051	1009	1014	1017	rBV	1642115	1493397	19.23%	3.125%
8	9.133	1192	1198	1201	rBV	7488620	7757820	99.88%	16.233%
9	9.521	1259	1264	1267	rBV	632891	472446	6.08%	0.989%
10	9.810	1306	1313	1316	rBV	1867642	1775792	22.86%	3.716%
11	10.598	1440	1447	1451	rBV	4397341	5035989	64.84%	10.538%
12	11.292	1561	1565	1569	rVB	2156365	1819127	23.42%	3.806%
13	11.827	1652	1656	1671	rBV	929215	1018360	13.11%	2.131%
14	12.615	1786	1790	1801	rBV	480065	494930	6.37%	1.036%
15	12.892	1831	1837	1840	rBV	7179900	7767365	100.00%	16.253%
16	13.462	1931	1934	1942	rVB2	126650	137439	1.77%	0.288%
17	13.792	1986	1990	1993	rBV	153898	136558	1.76%	0.286%
18	13.833	1993	1997	2010	rVV2	222015	521704	6.72%	1.092%
19	13.933	2010	2014	2018	rVV	1773722	1555139	20.02%	3.254%
20	14.109	2040	2044	2047	rBV	220121	203014	2.61%	0.425%
21	14.415	2092	2096	2100	rBV	275546	272982	3.51%	0.571%
22	14.715	2143	2147	2152	rVB	315846	314947	4.05%	0.659%
23	14.786	2155	2159	2162	rBV	174553	173611	2.24%	0.363%
24	15.039	2196	2202	2214	rBV	329015	467827	6.02%	0.979%
25	15.368	2253	2258	2262	rBV	966270	1130545	14.56%	2.366%
26	15.409	2262	2265	2271	rVB	247588	289201	3.72%	0.605%
27	15.827	2331	2336	2342	rBV	167616	243994	3.14%	0.511%
28	16.321	2414	2420	2430	rVB2	91965	184772	2.38%	0.387%
29	17.439	2603	2610	2620	rBV2	28682	110819	1.43%	0.232%

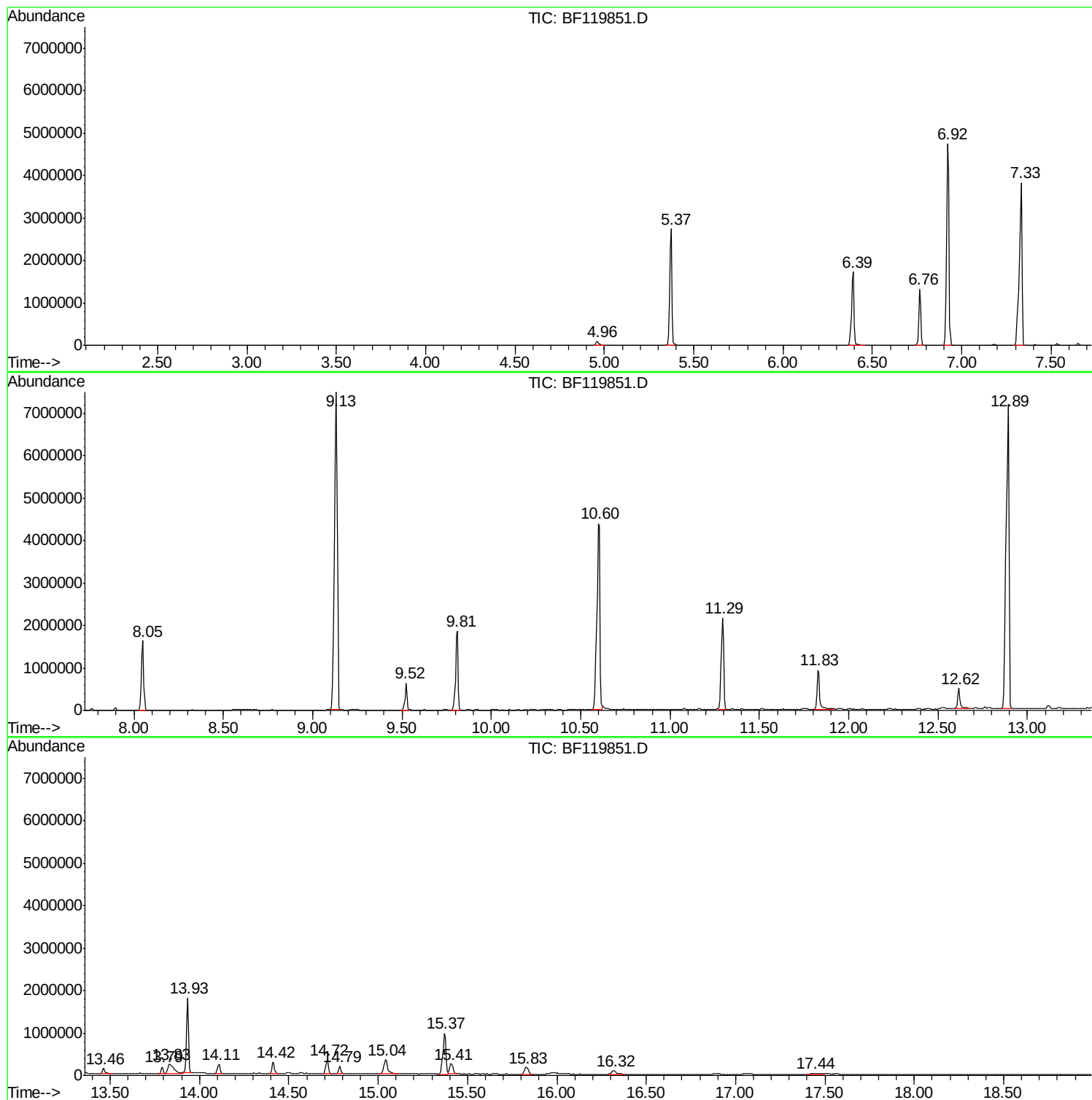
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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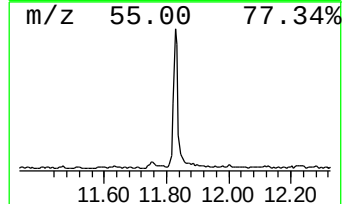
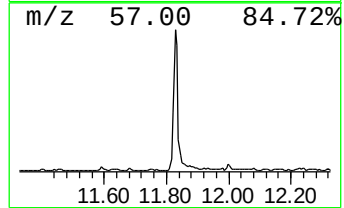
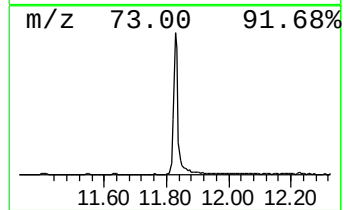
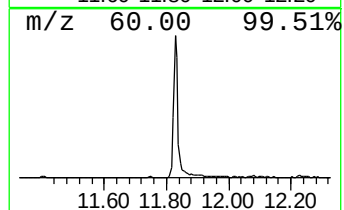
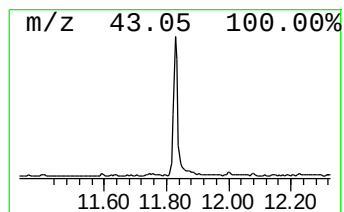
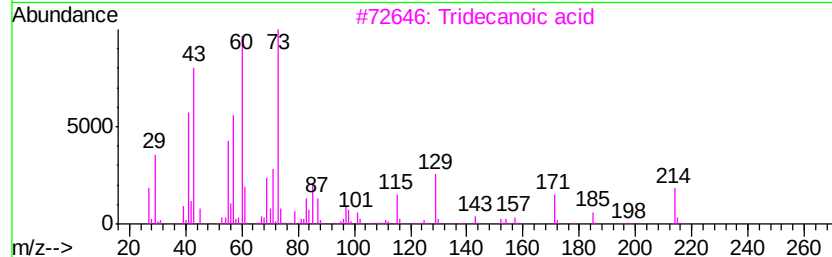
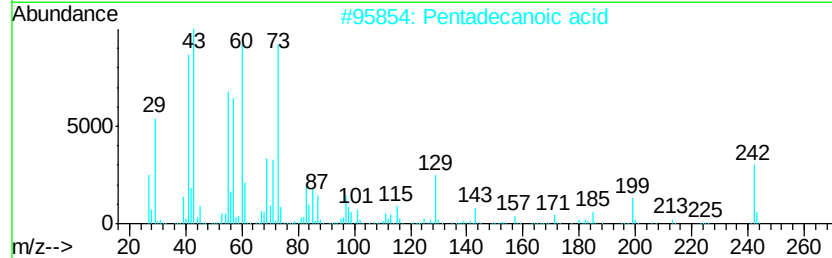
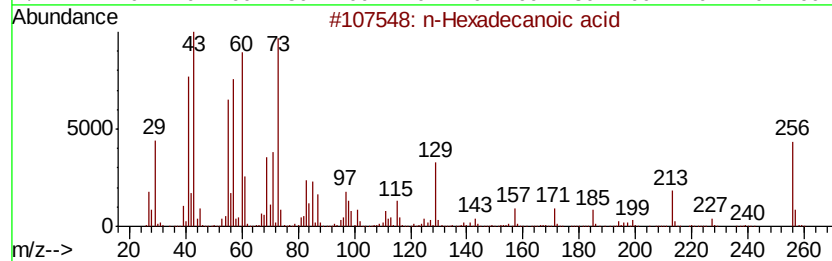
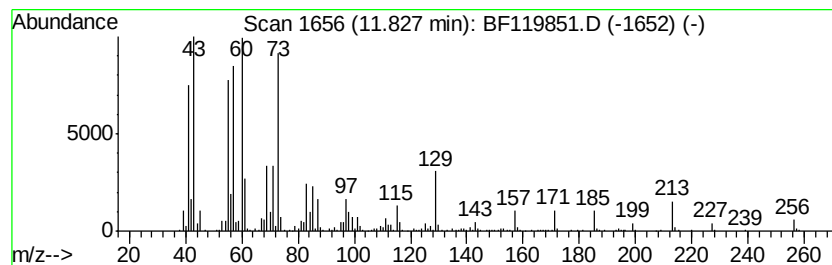
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	11.20 ng	1018360	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



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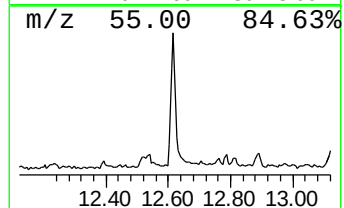
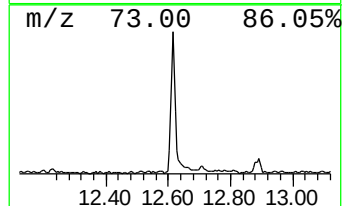
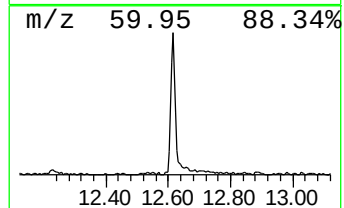
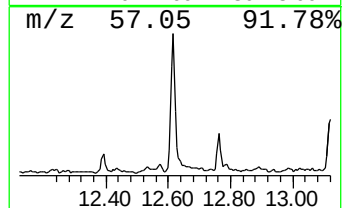
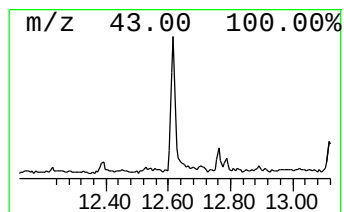
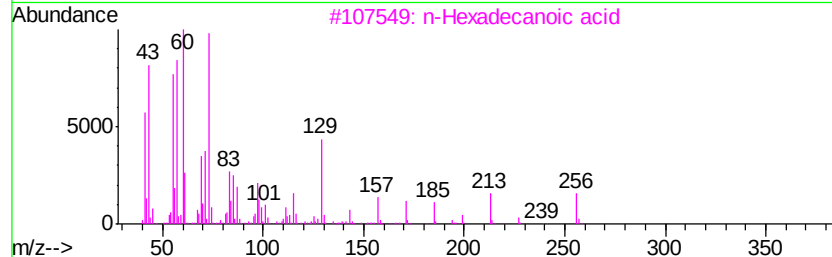
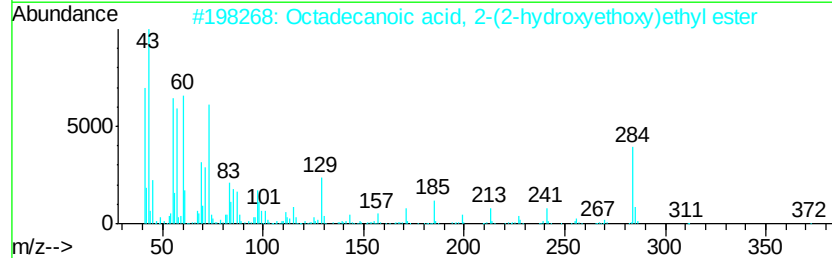
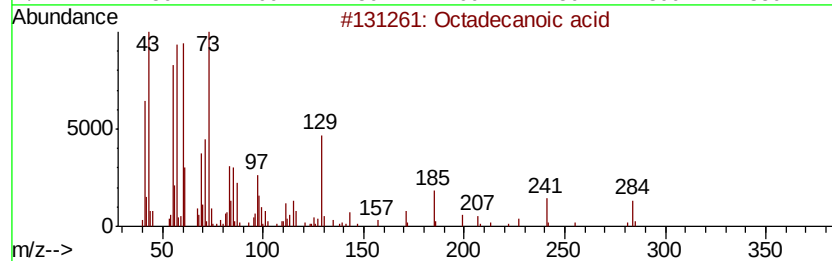
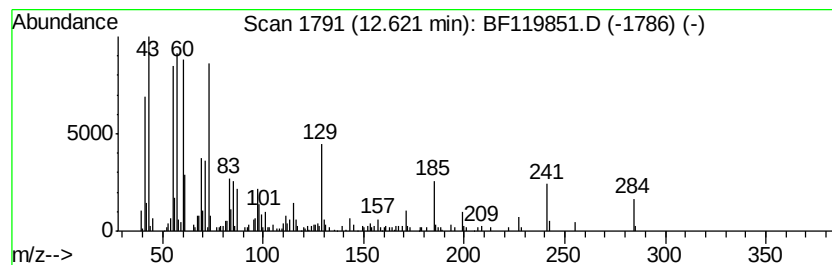
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.37 ng	494930	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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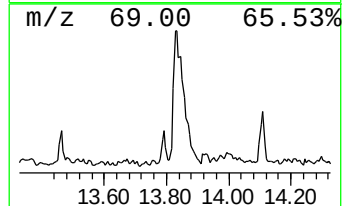
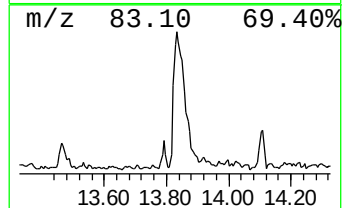
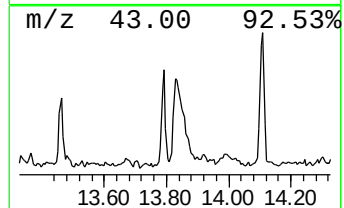
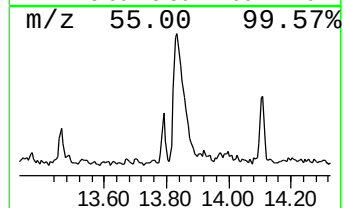
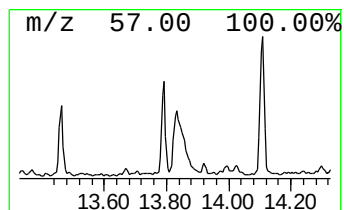
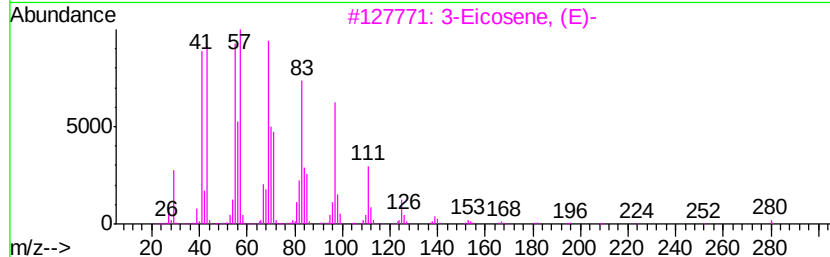
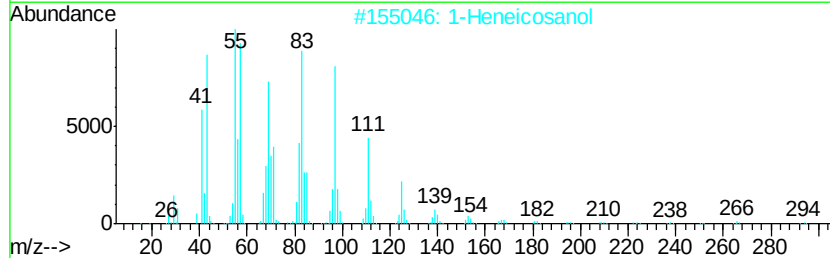
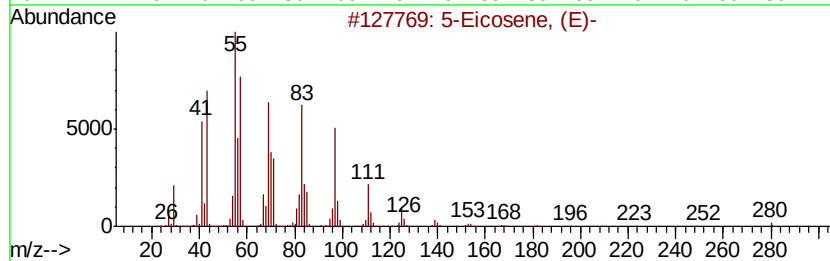
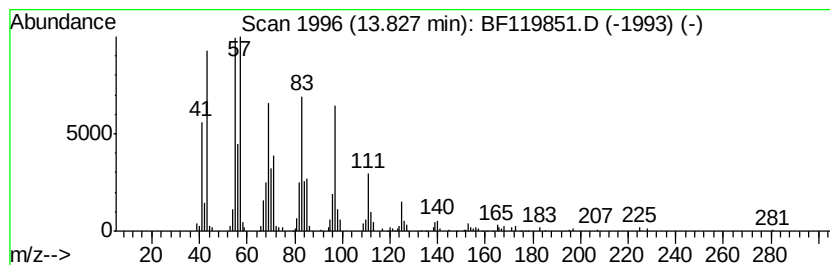
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Peak Number 4 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.71 ng	521704	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
2	1-Heneicosanol		312	C21H44O	015594-90-8	93
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	92
4	1-Octadecanol		270	C18H38O	000112-92-5	91
5	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	91



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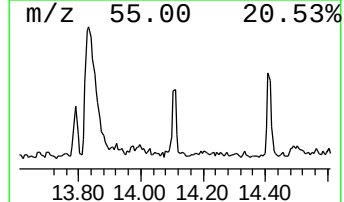
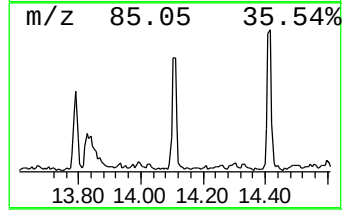
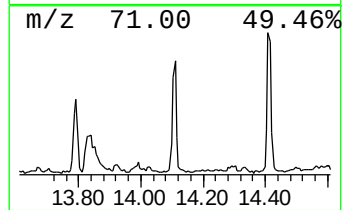
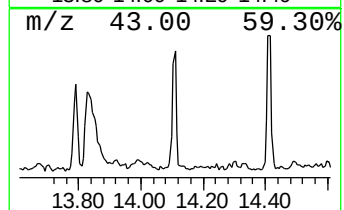
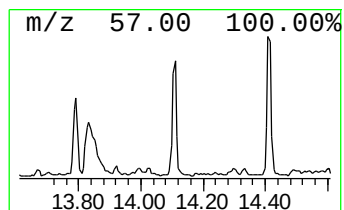
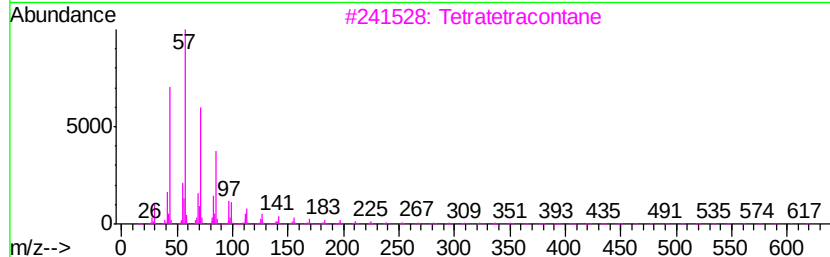
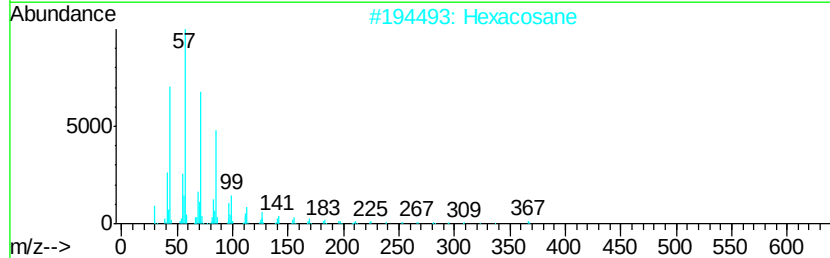
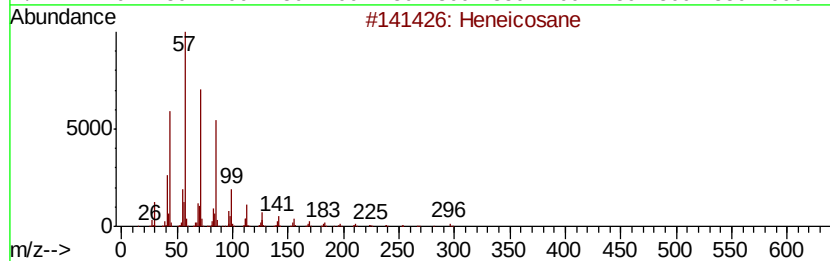
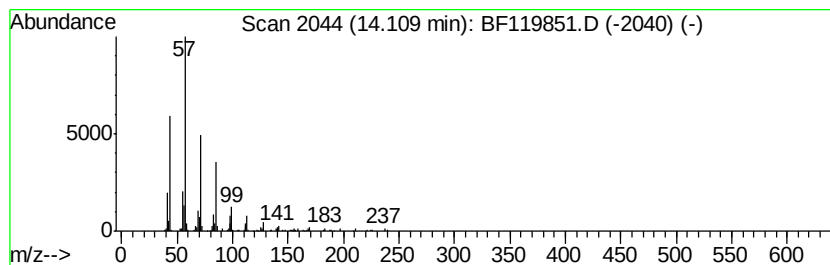
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.61 ng	203014	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexacosane		366	C26H54	000630-01-3	90
3	Tetratetracontane		619	C44H90	007098-22-8	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Heptacosane		380	C27H56	000593-49-7	87



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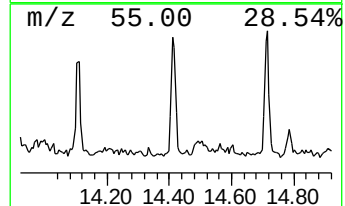
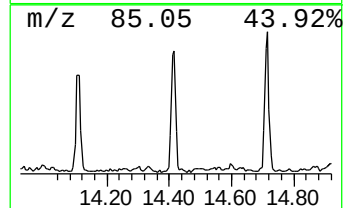
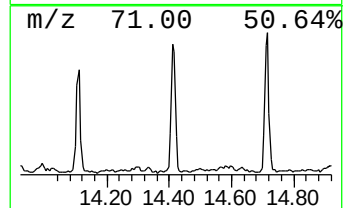
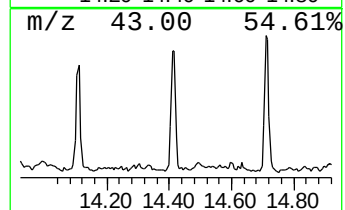
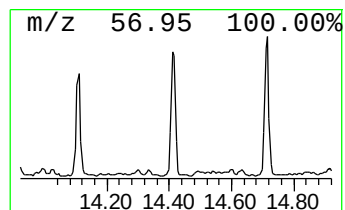
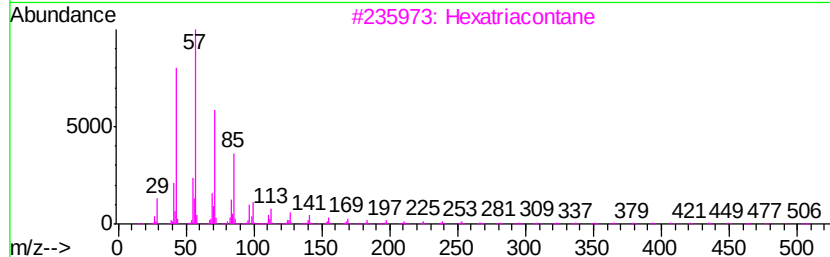
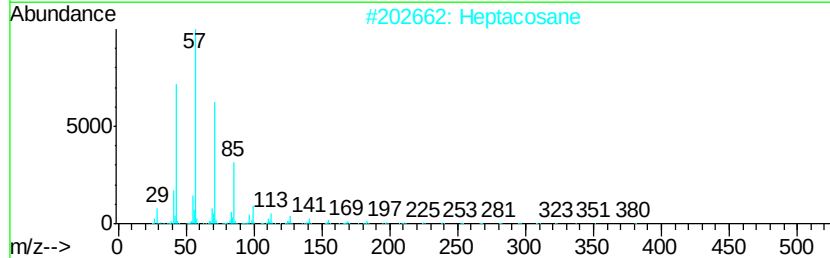
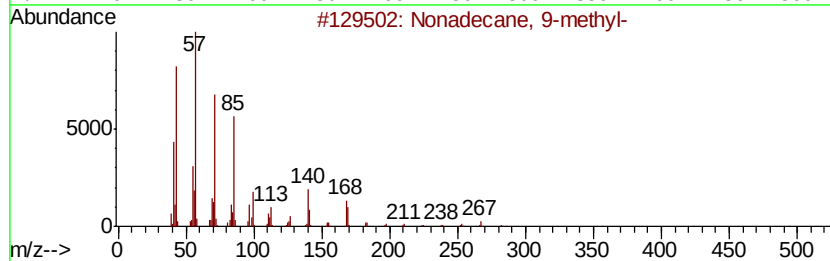
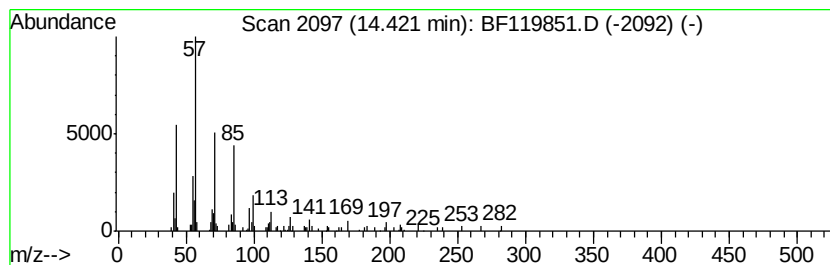
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Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.51 ng	272982	Chrysene-d12	13.93

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	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane	282	C20H42	000112-95-8	90



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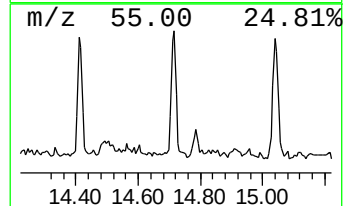
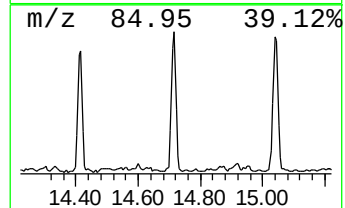
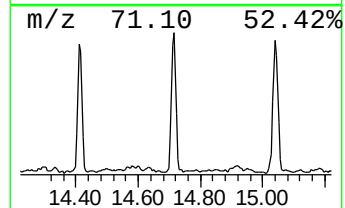
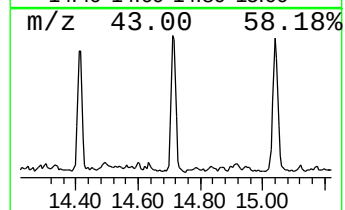
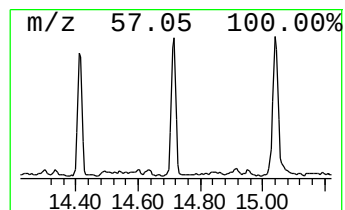
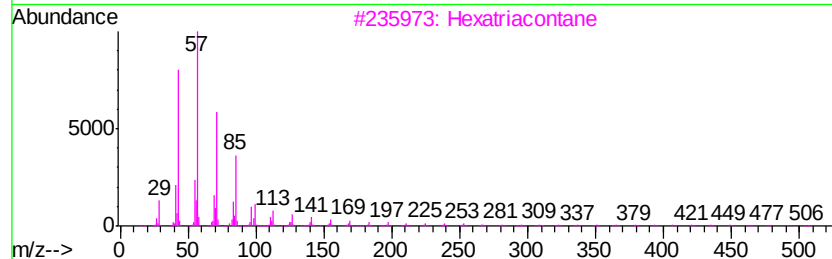
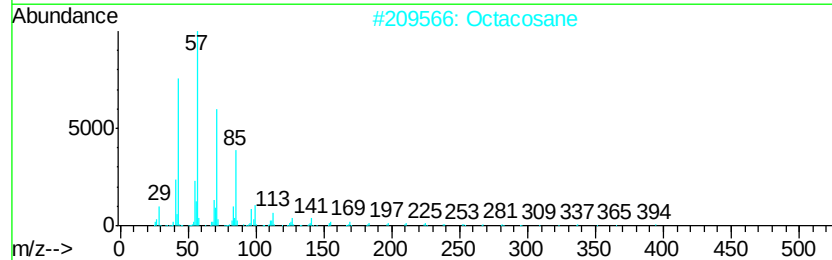
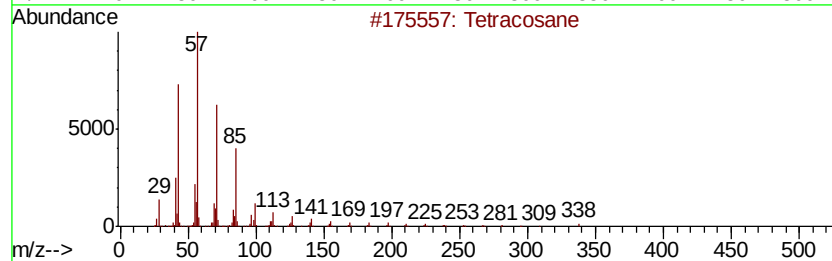
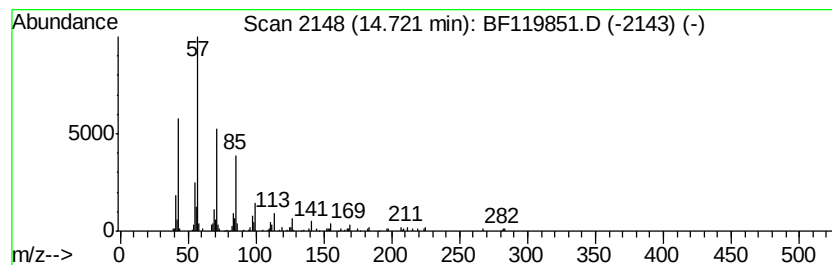
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.57 ng	314947	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119851.D
Acq On : 9 Apr 2020 4:02
Operator : MA/SJ
Sample : L2151-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-726

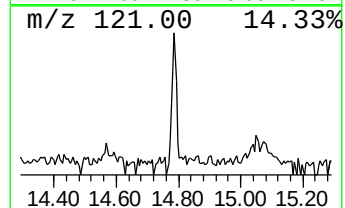
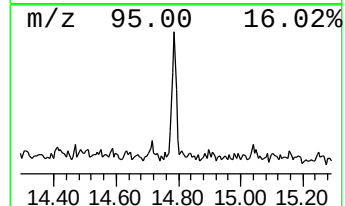
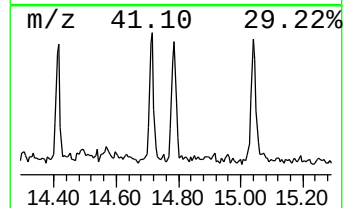
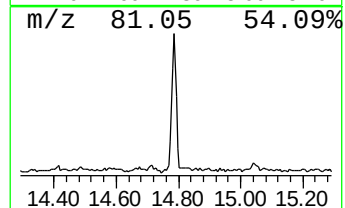
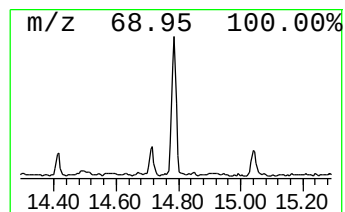
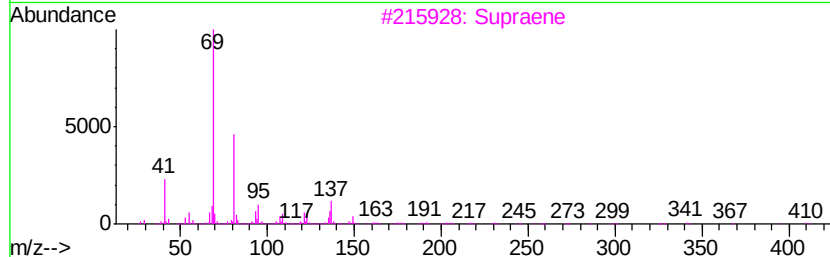
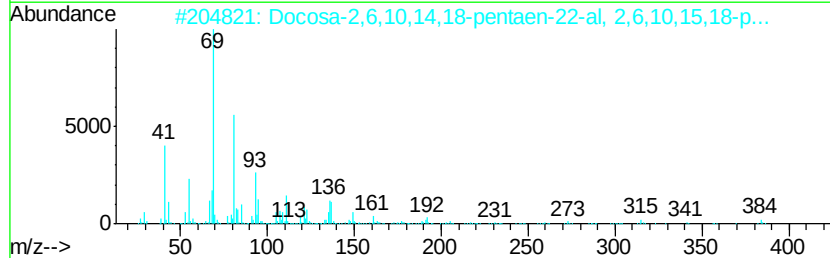
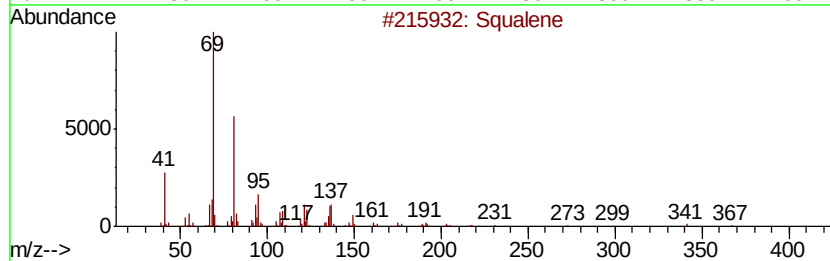
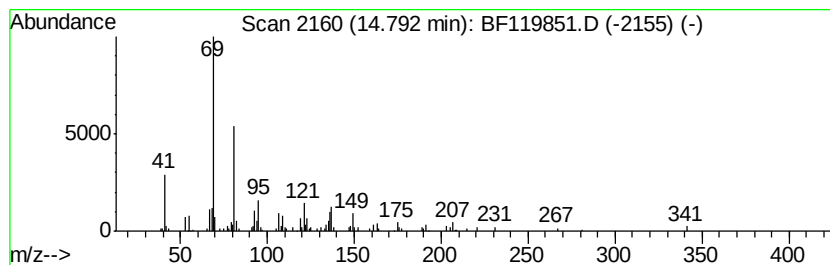
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.07 ng	173611	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene		410	C30H50	000111-02-4	91
2	Docosa-2,6,10,14,18-pentaen-22-a...		384	C27H44O	1000163-04-7	90
3	Supraene		410	C30H50	007683-64-9	86
4	7,11-Dimethyldodeca-2,6,10-trien...		208	C14H24O	125529-10-4	59
5	Succinic acid, di(3-methylbut-3-...		254	C14H22O4	1000353-45-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119851.D
Acq On : 9 Apr 2020 4:02
Operator : MA/SJ
Sample : L2151-05
Misc :
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BNA_F
ClientSampleId :
MH-726

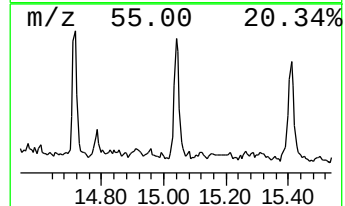
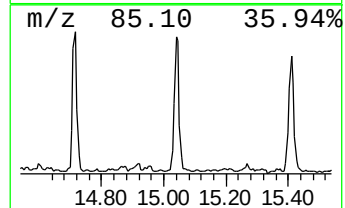
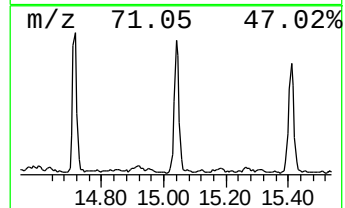
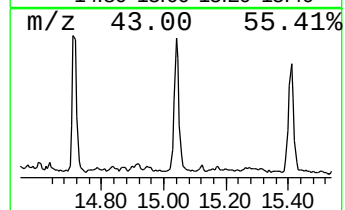
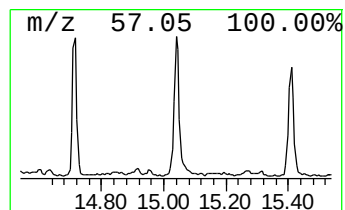
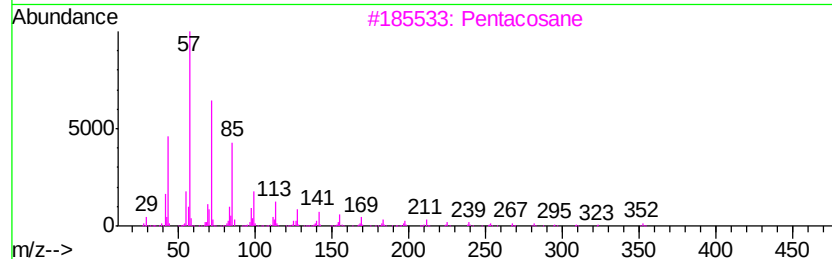
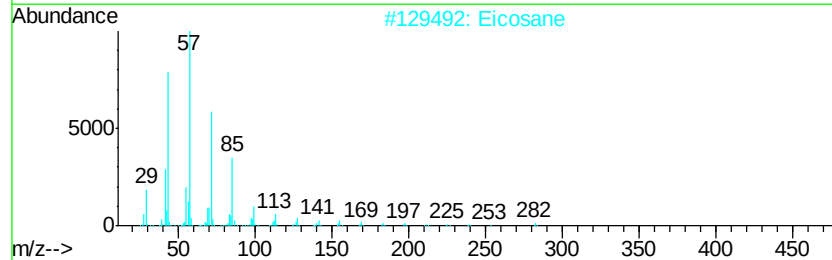
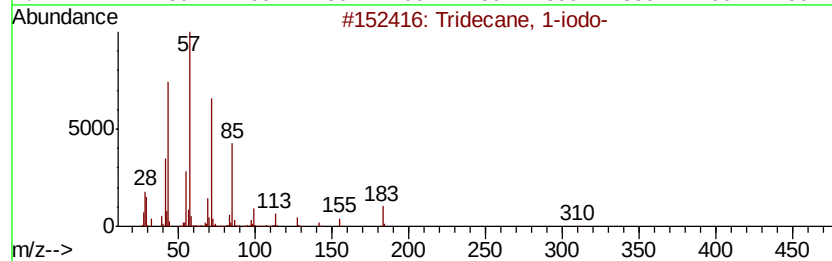
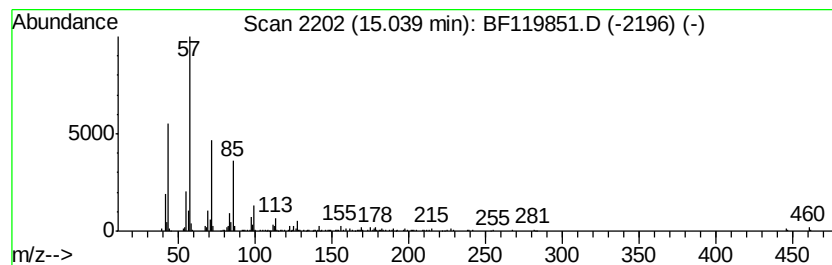
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	8.28 ng	467827	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
2	Eicosane		282	C20H42	000112-95-8	87
3	Pentacosane		352	C25H52	000629-99-2	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119851.D
Acq On : 9 Apr 2020 4:02
Operator : MA/SJ
Sample : L2151-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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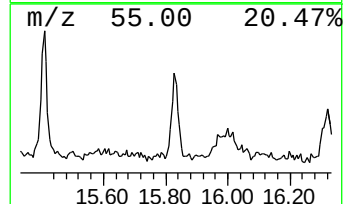
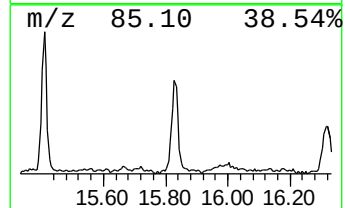
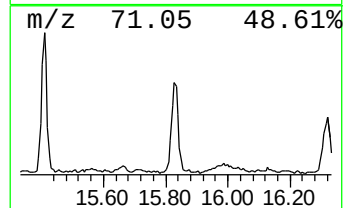
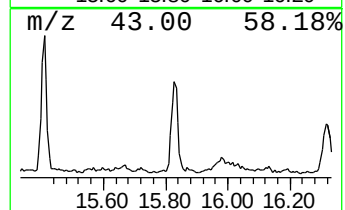
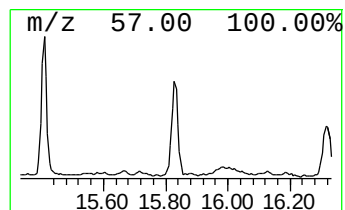
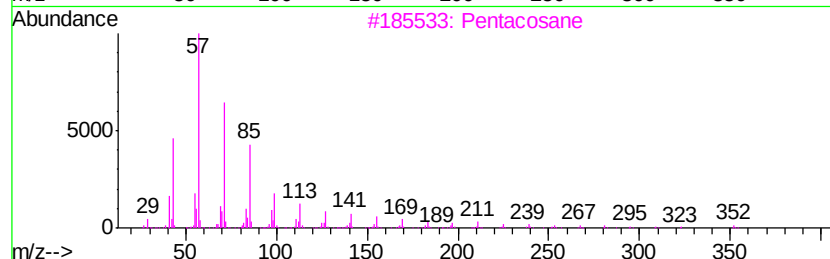
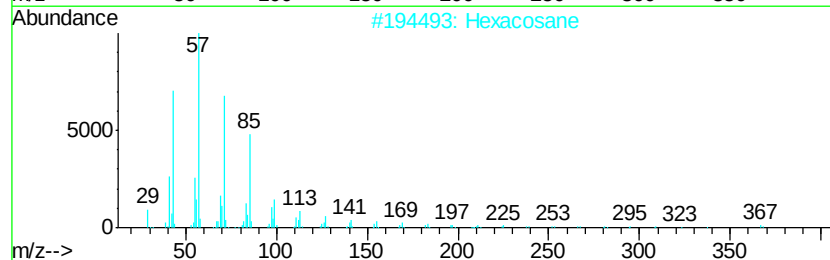
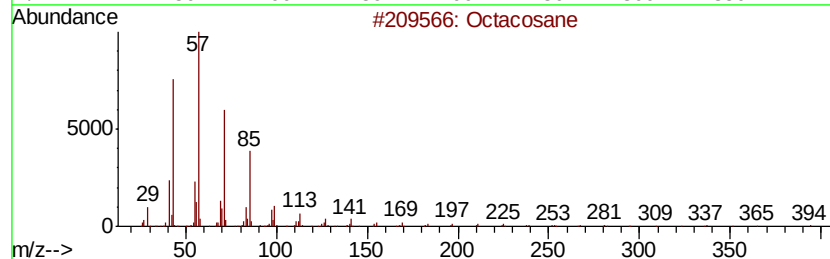
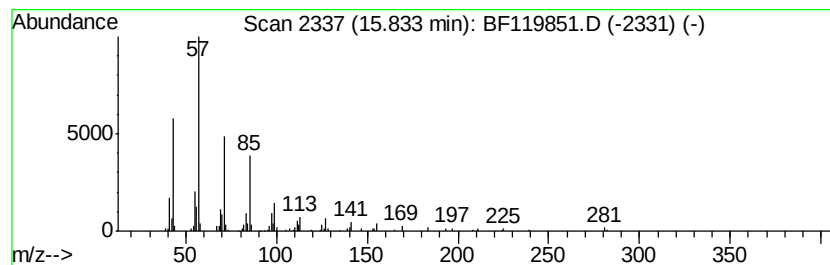
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.32 ng	243994	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Pentacosane	352	C25H52	000629-99-2	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119851.D
Acq On : 9 Apr 2020 4:02
Operator : MA/SJ
Sample : L2151-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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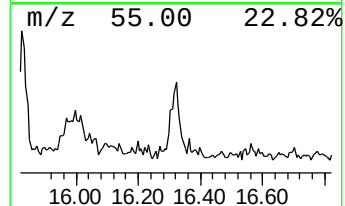
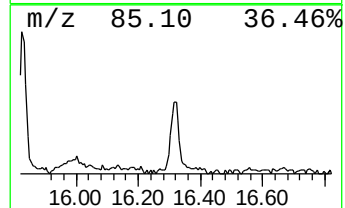
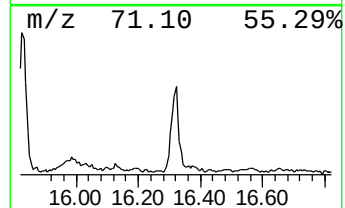
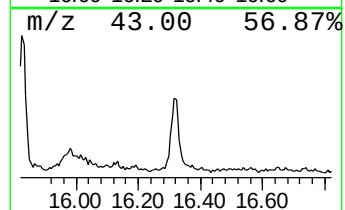
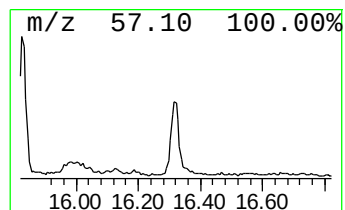
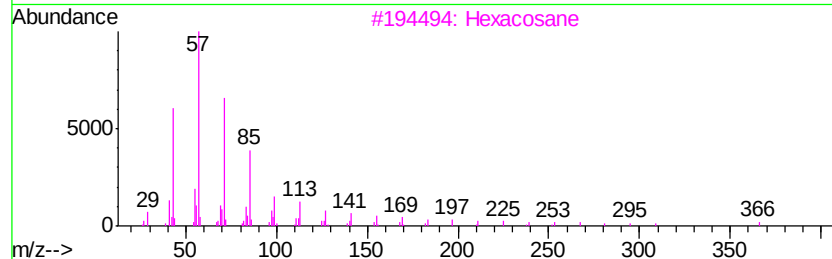
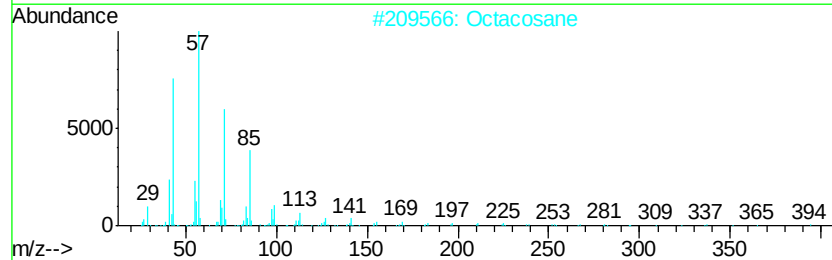
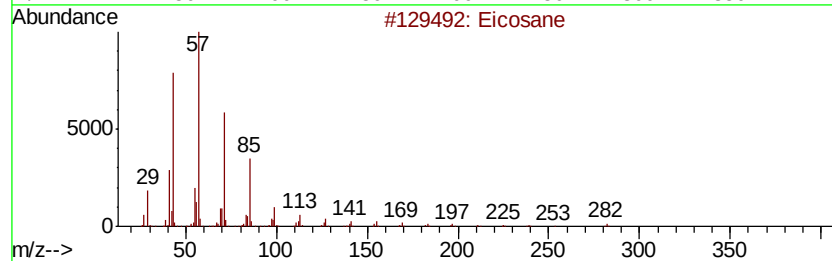
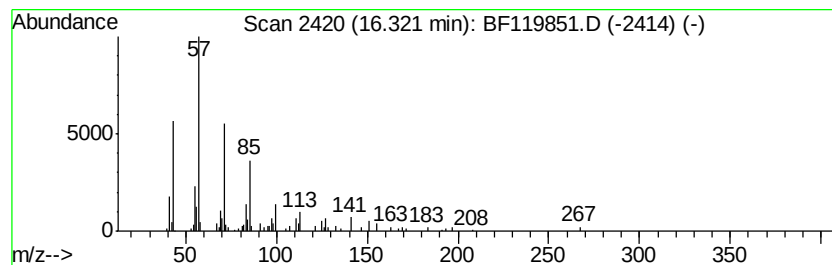
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.27 ng	184772	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Docosane	310	C22H46	000629-97-0	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119851.D
 Acq On : 9 Apr 2020 4:02
 Operator : MA/SJ
 Sample : L2151-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octadecanoic acid	12.62	6.4	ng	494930	5	13.93	1555140	20.0
5-Eicosene, (E)-	13.83	6.7	ng	521704	5	13.93	1555140	20.0
Heneicosane	14.11	2.6	ng	203014	5	13.93	1555140	20.0
Nonadecane, 9-met...	14.42	3.5	ng	272982	5	13.93	1555140	20.0
Tetracosane	14.72	5.6	ng	314947	6	15.37	1130550	20.0
Squalene	14.79	3.1	ng	173611	6	15.37	1130550	20.0
Tridecane, 1-iodo-	15.04	8.3	ng	467827	6	15.37	1130550	20.0
Octacosane	15.83	4.3	ng	243994	6	15.37	1130550	20.0
Eicosane	16.32	3.3	ng	184772	6	15.37	1130550	20.0