

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120391.D
 Acq On : 21 May 2020 19:54
 Operator : MA/SJ
 Sample : L2728-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 240000

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-BF051420.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	3.422	213	227	248	rBV	3007327	5860131	100.00%	11.971%
2	5.192	525	528	548	rBV	4070933	4417512	75.38%	9.024%
3	5.869	640	643	656	rBV2	26504	106299	1.81%	0.217%
4	6.245	703	707	734	rBV	3832487	4632021	79.04%	9.462%
5	6.586	762	765	787	rBV	1053840	1293641	22.08%	2.643%
6	6.739	787	791	815	rVB	3159709	3644042	62.18%	7.444%
7	7.157	858	862	892	rBV	2545906	3095128	52.82%	6.323%
8	7.875	980	984	1003	rBV	1369829	1698026	28.98%	3.469%
9	8.951	1162	1167	1181	rBV	4916542	5364682	91.55%	10.959%
10	9.075	1186	1188	1205	rVB2	40973	65687	1.12%	0.134%
11	9.351	1231	1235	1245	rBV	537679	503428	8.59%	1.028%
12	9.622	1276	1281	1295	rBV	1894282	1906870	32.54%	3.895%
13	10.416	1412	1416	1435	rBV	2885233	3099524	52.89%	6.331%
14	11.104	1530	1533	1542	rBV	1651821	1923409	32.82%	3.929%
15	11.657	1622	1627	1634	rBV3	260690	391821	6.69%	0.800%
16	12.321	1736	1740	1746	rBV	130604	154643	2.64%	0.316%
17	12.439	1755	1760	1773	rBV3	137326	249206	4.25%	0.509%
18	12.545	1773	1778	1782	rBV	116776	135087	2.31%	0.276%
19	12.698	1799	1804	1814	rBV	4870527	4878166	83.24%	9.965%
20	13.610	1954	1959	1972	rBV2	169168	402707	6.87%	0.823%
21	13.745	1975	1982	1995	rBV	1396994	1612398	27.51%	3.294%
22	13.921	2008	2012	2015	rBV	193552	166580	2.84%	0.340%
23	14.221	2060	2063	2067	rBV	274841	262264	4.48%	0.536%
24	14.515	2110	2113	2122	rVB	371574	383131	6.54%	0.783%
25	14.751	2149	2153	2161	rBV2	50931	103429	1.76%	0.211%
26	14.821	2161	2165	2169	rVV	366491	381878	6.52%	0.780%
27	15.127	2213	2217	2220	rBV	937901	1222439	20.86%	2.497%
28	15.151	2220	2221	2229	rVB	370485	386113	6.59%	0.789%
29	15.533	2281	2286	2295	rBV	237288	361244	6.16%	0.738%
30	15.974	2356	2361	2366	rBV	108949	174375	2.98%	0.356%
31	16.492	2445	2449	2454	rVB3	41378	78146	1.33%	0.160%

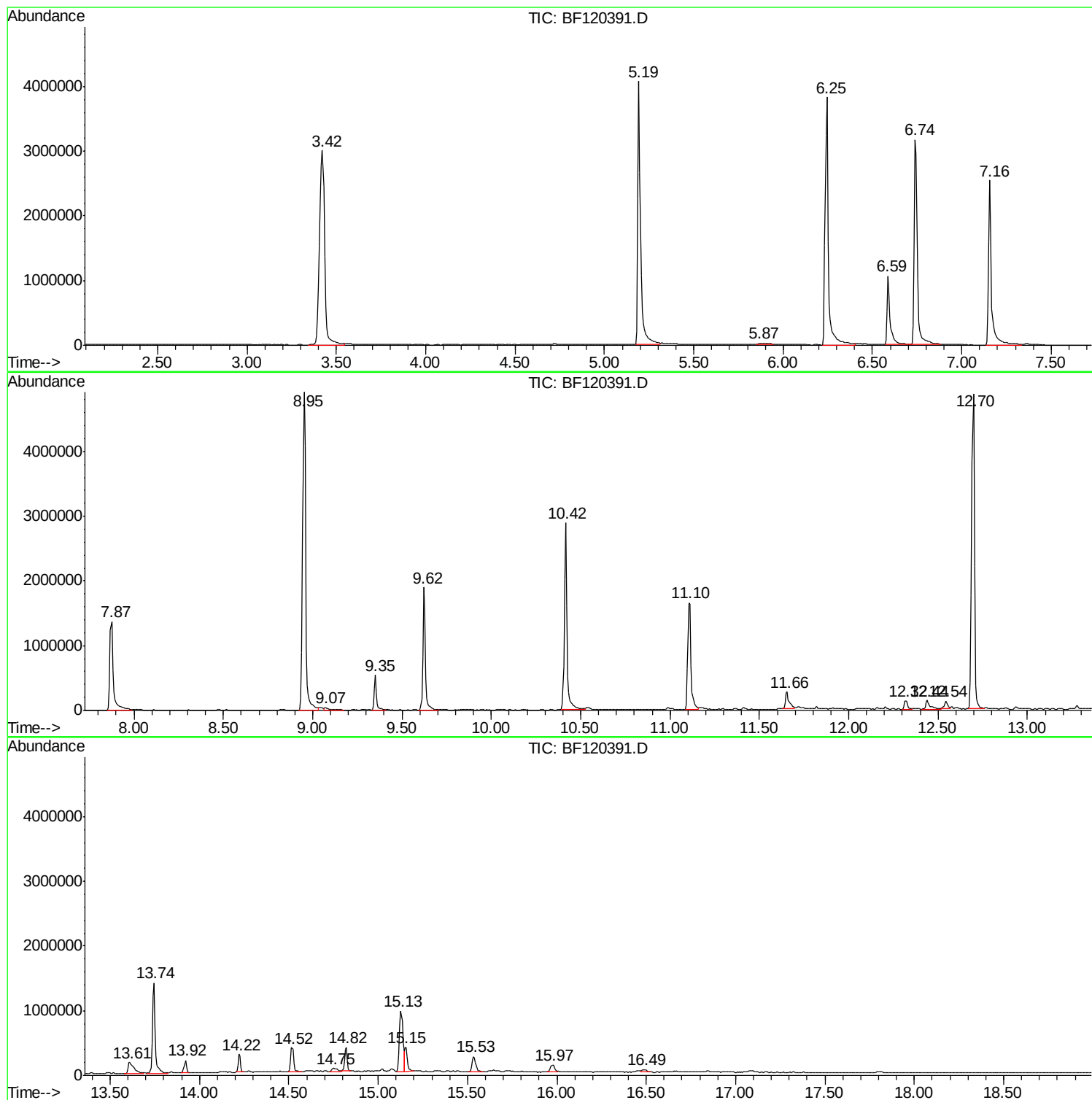
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.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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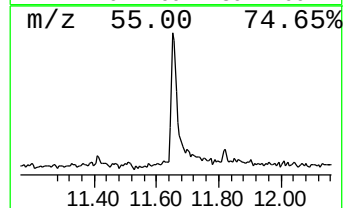
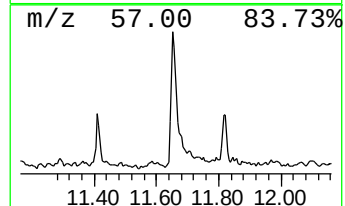
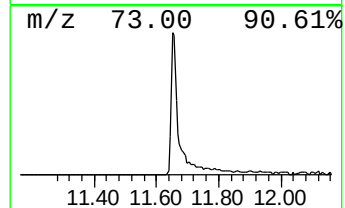
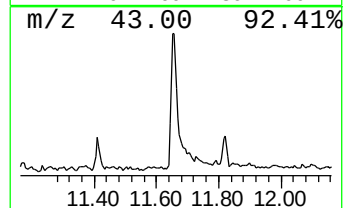
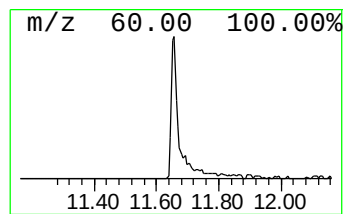
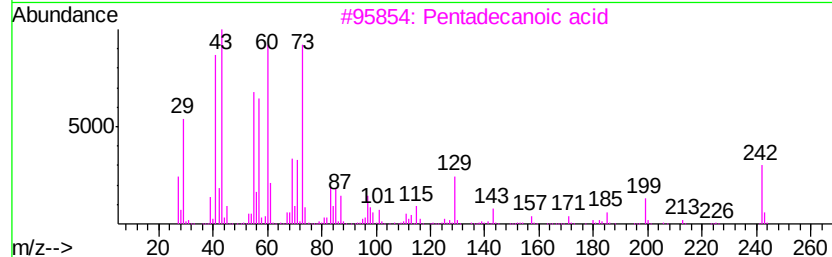
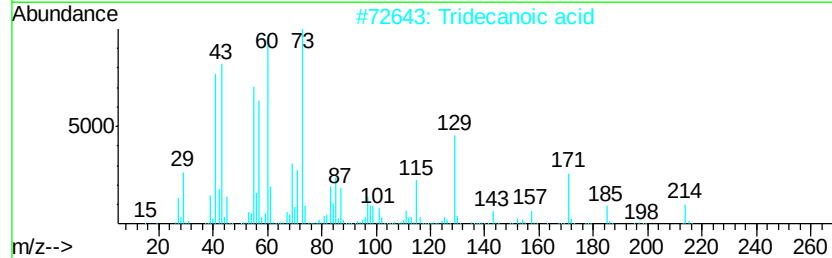
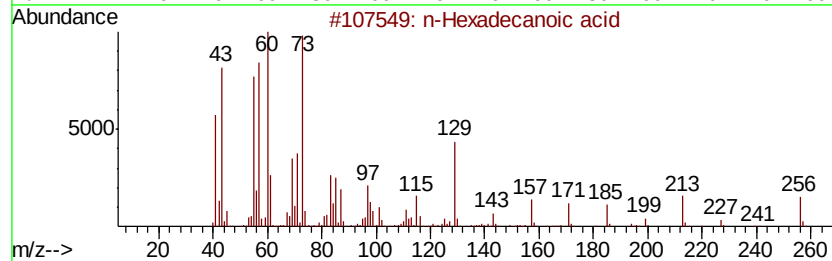
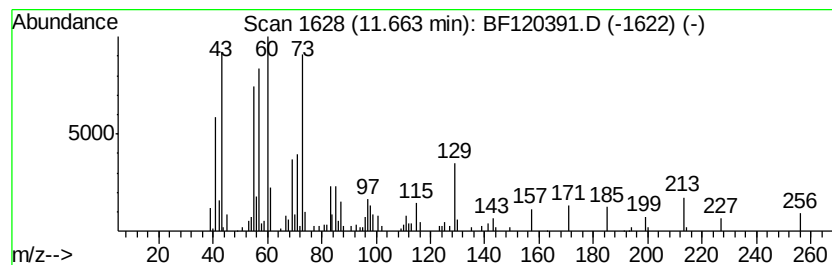
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.66	4.07 ng	391821	Phenanthrene-d10		11.11
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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58



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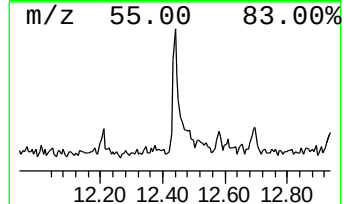
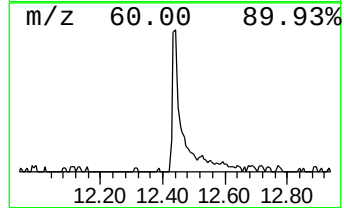
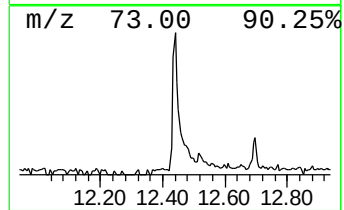
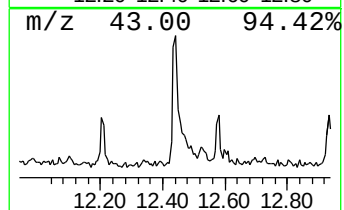
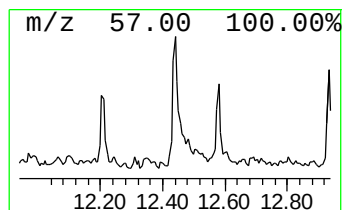
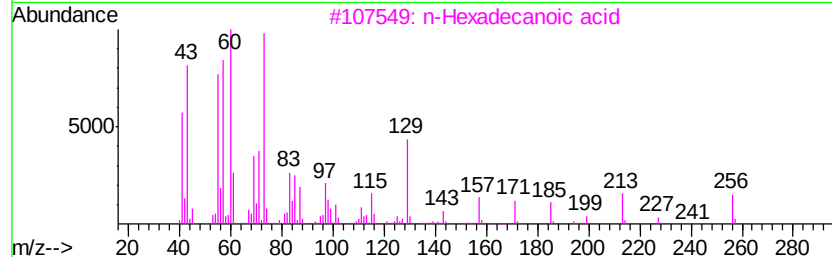
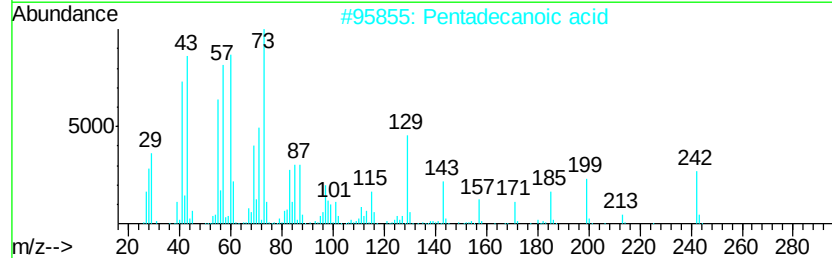
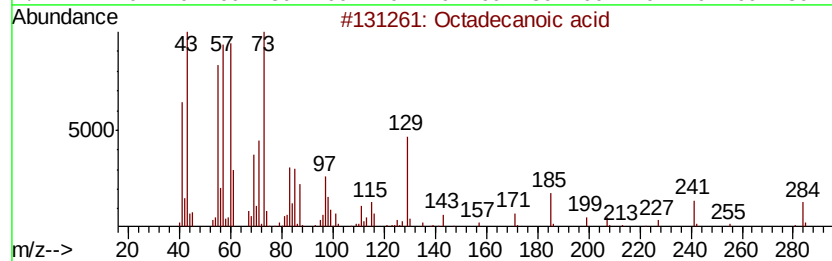
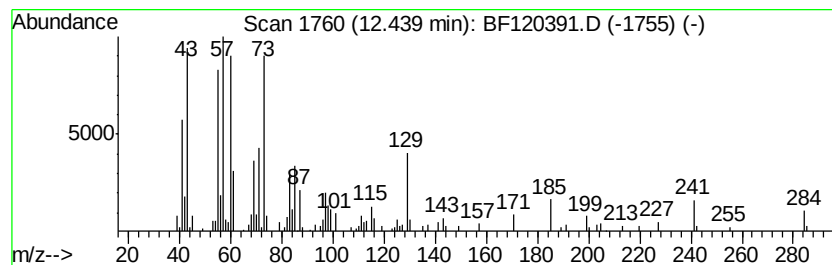
Instrument :
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Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.44	3.09 ng	249206	Chrysene-d12	13.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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Misc :
ALS Vial : 15 Sample Multiplier: 1

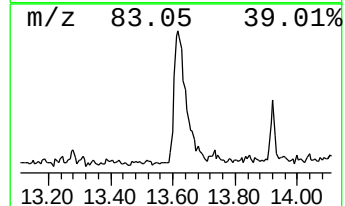
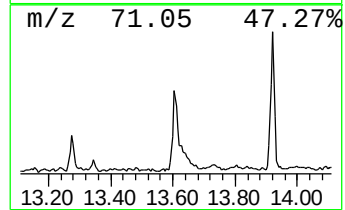
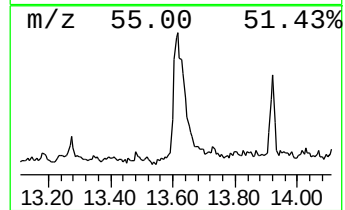
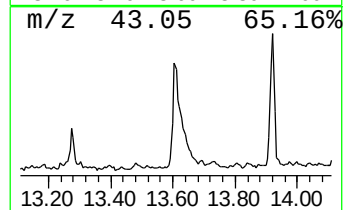
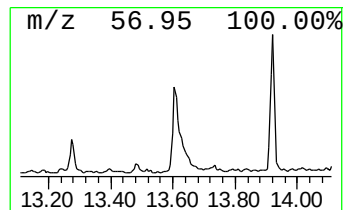
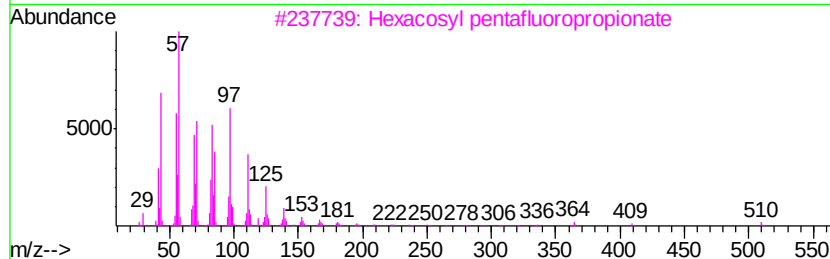
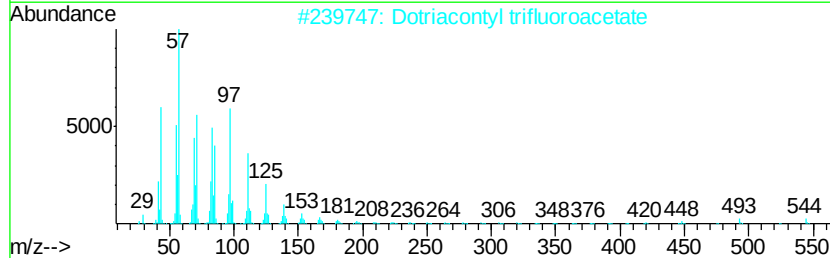
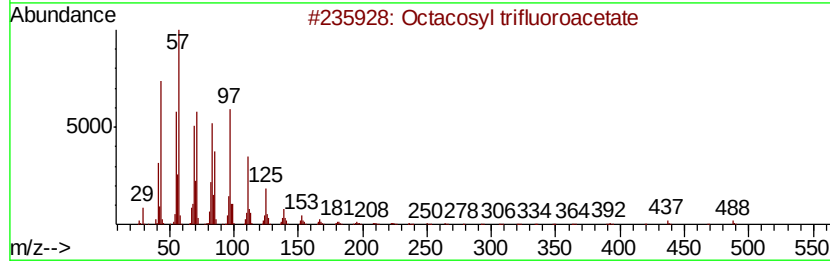
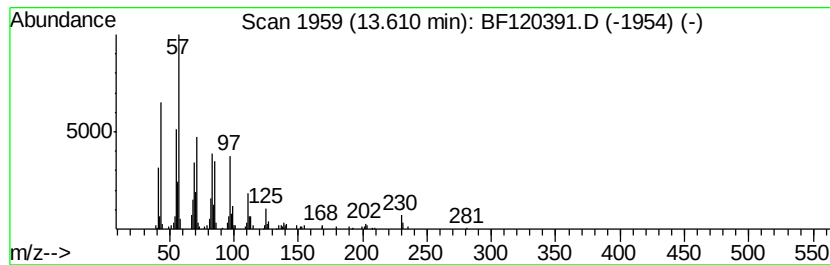
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octacosyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.61	5.00 ng	402707	Chrysene-d12		13.74
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	91
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
4	Triacetyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91



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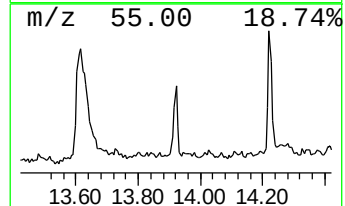
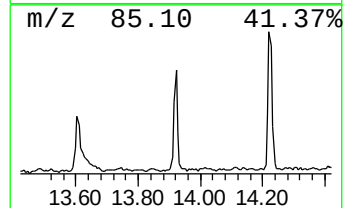
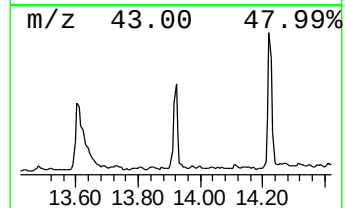
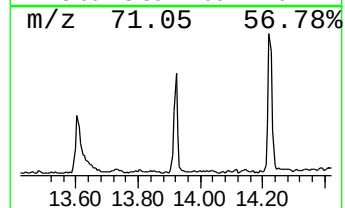
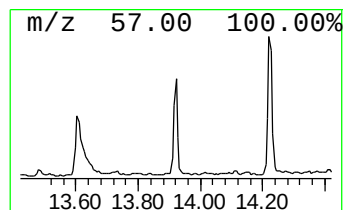
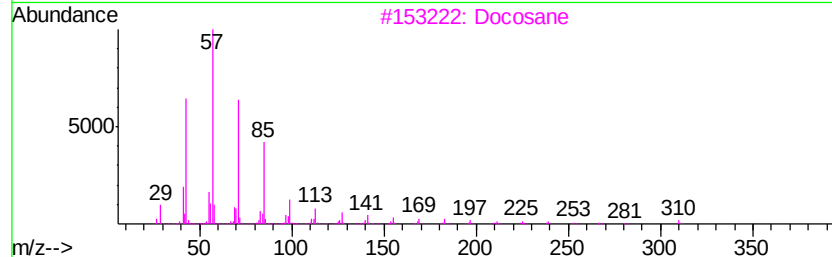
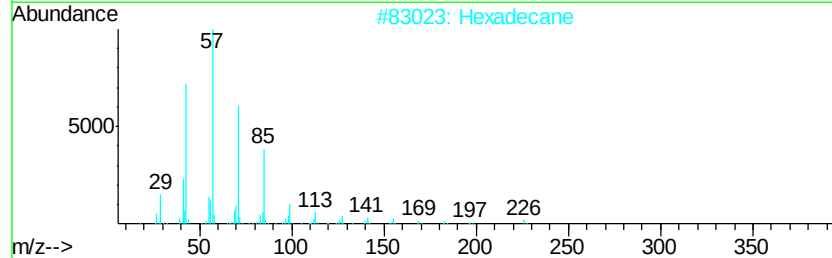
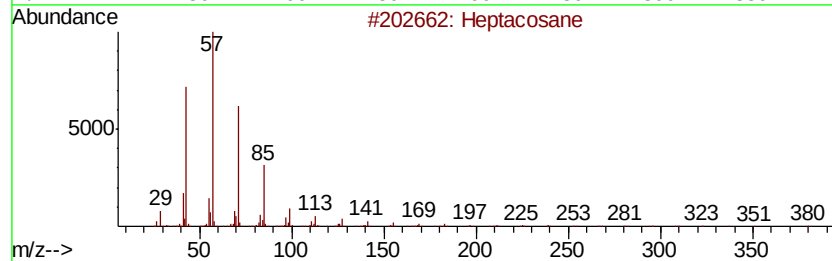
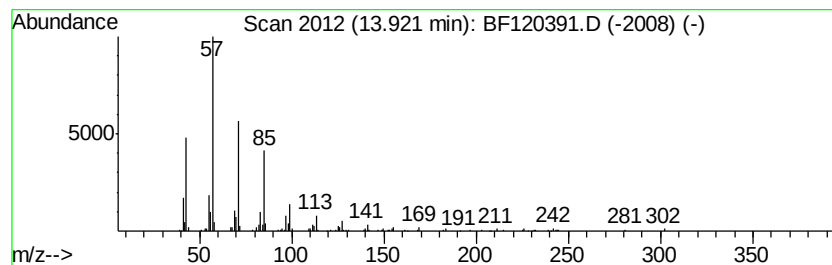
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.07 ng	166580	Chrysene-d12	13.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Docosane		310	C22H46	000629-97-0	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	2-Bromotetradecane		276	C14H29Br	074036-95-6	80



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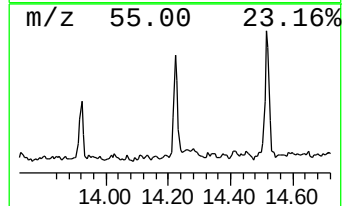
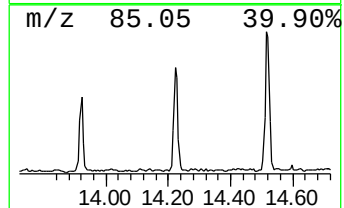
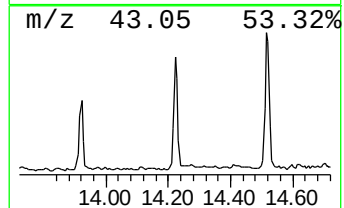
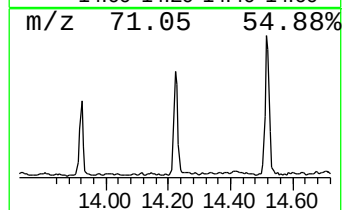
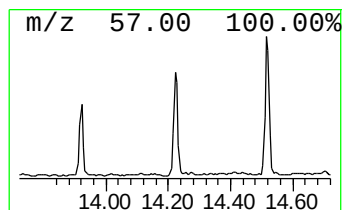
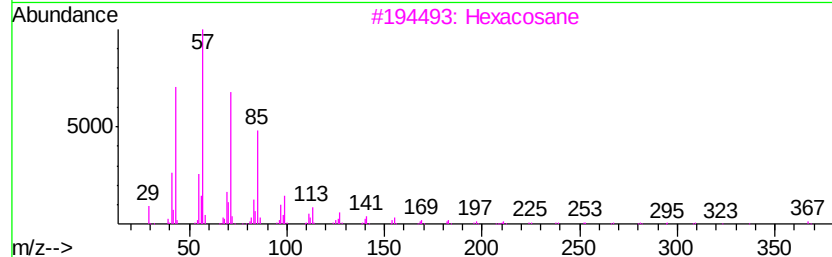
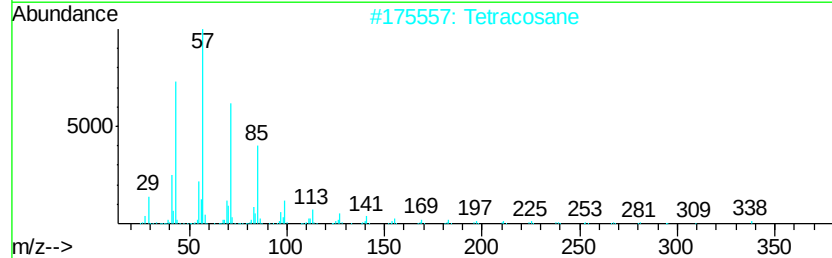
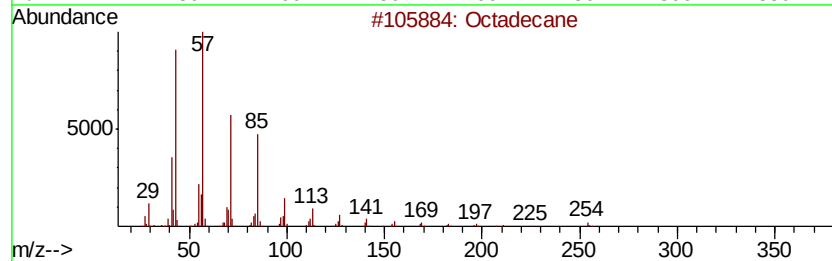
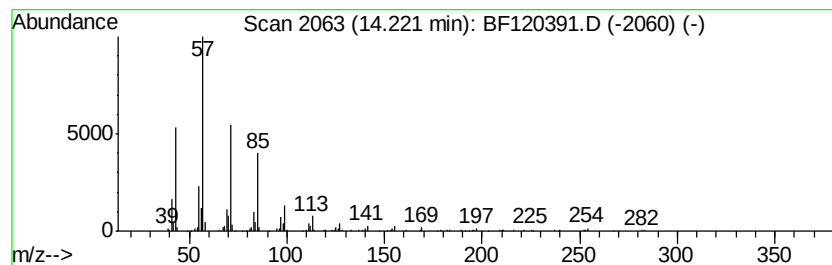
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.25 ng	262264	Chrysene-d12	13.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Nonadecane	268	C19H40	000629-92-5	90



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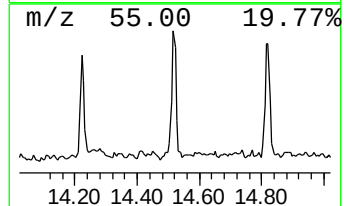
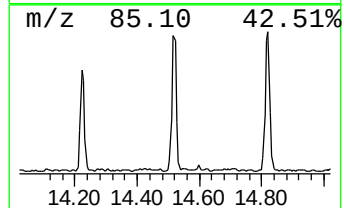
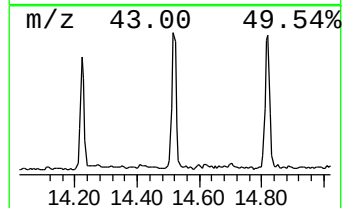
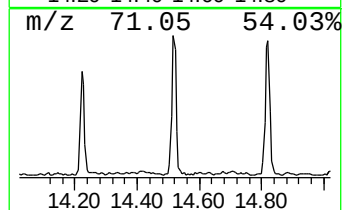
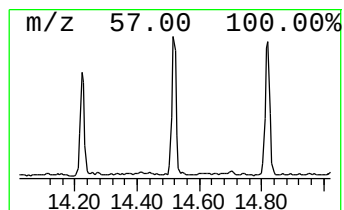
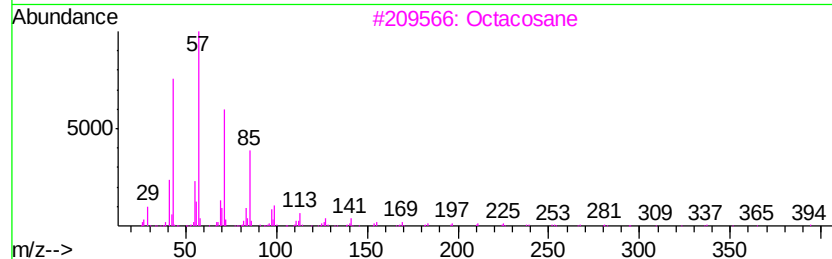
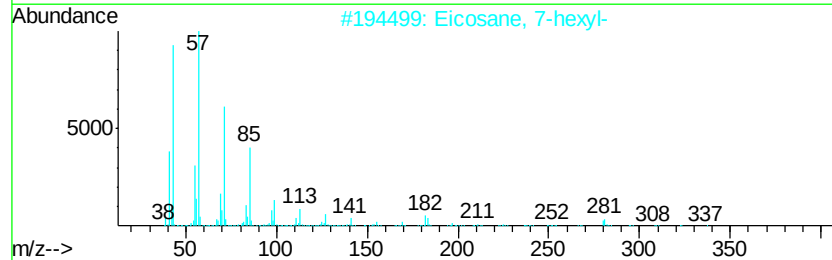
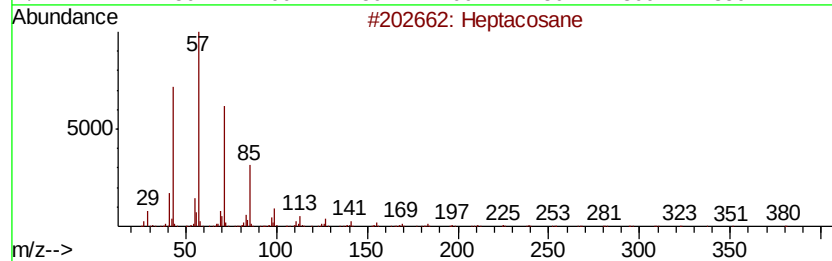
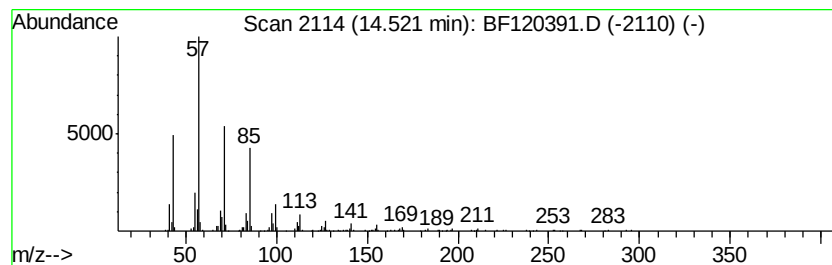
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.27 ng	383131	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120391.D
Acq On : 21 May 2020 19:54
Operator : MA/SJ
Sample : L2728-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
240000

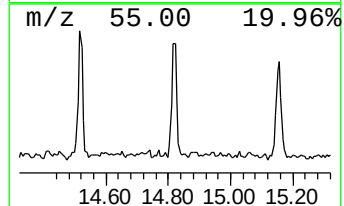
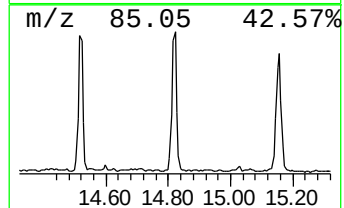
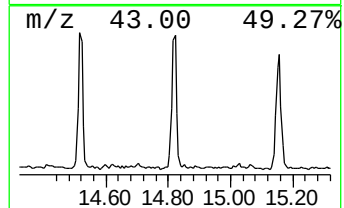
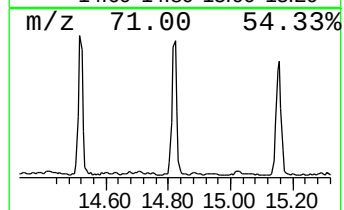
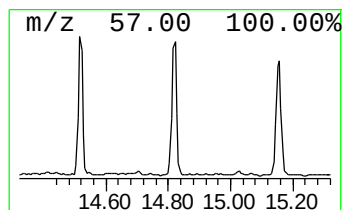
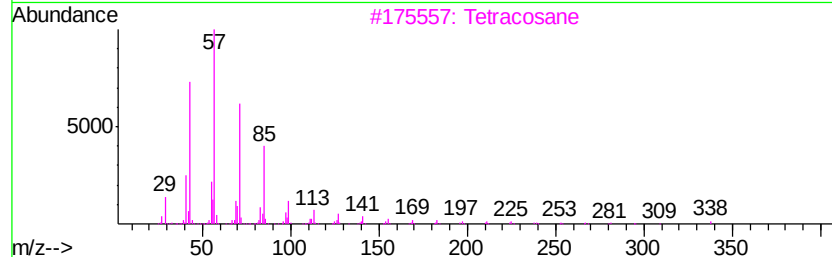
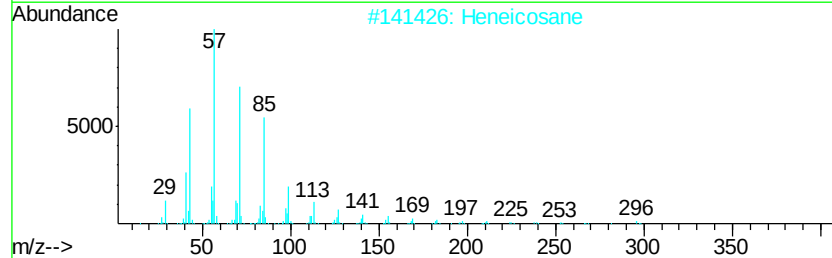
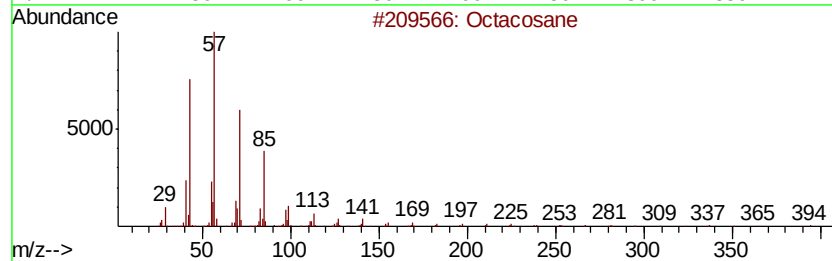
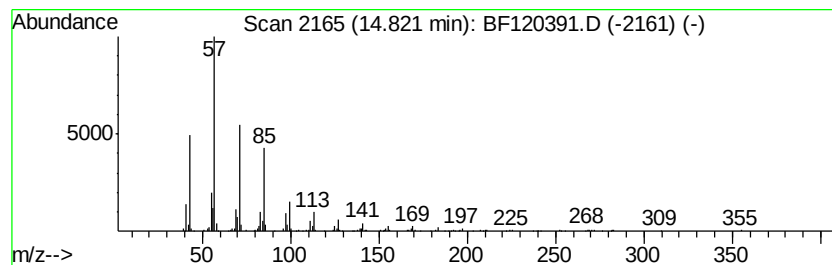
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	6.25 ng	381878	Perylene-d12	15.13

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		Tetracosane	338	C24H50	000646-31-1	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120391.D
Acq On : 21 May 2020 19:54
Operator : MA/SJ
Sample : L2728-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
240000

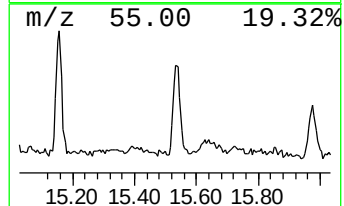
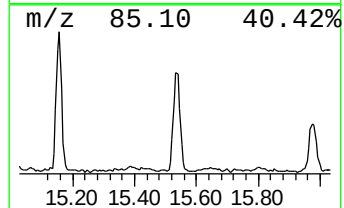
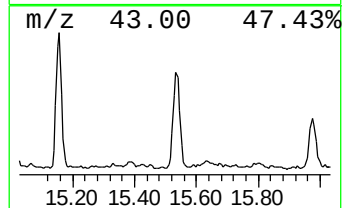
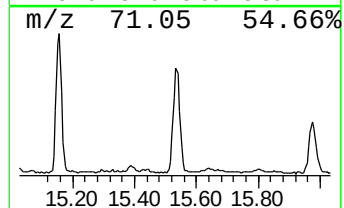
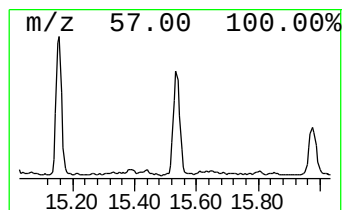
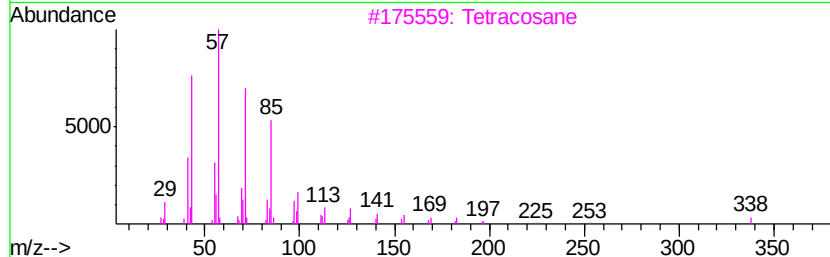
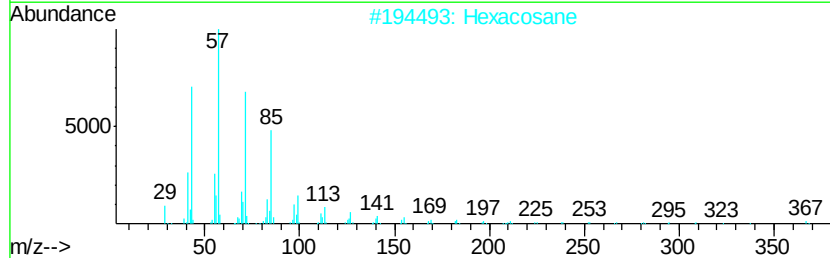
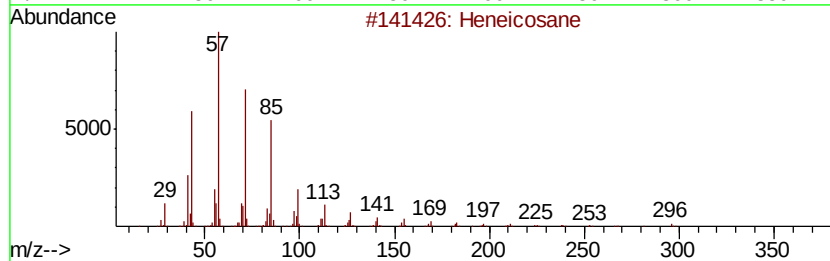
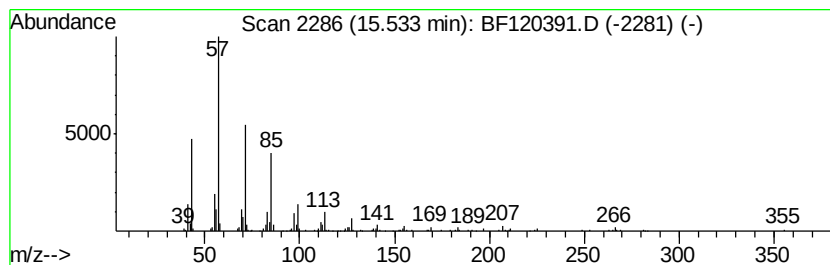
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	5.91 ng	361244	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120391.D
Acq On : 21 May 2020 19:54
Operator : MA/SJ
Sample : L2728-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
240000

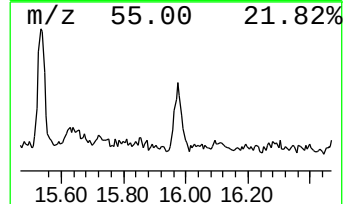
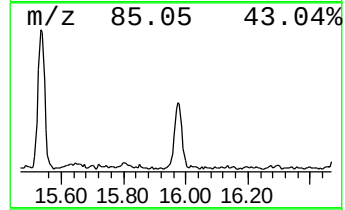
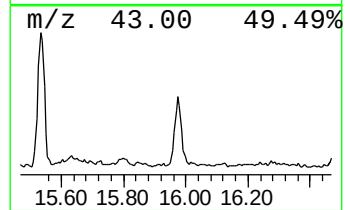
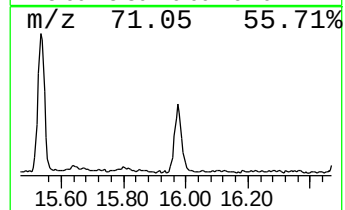
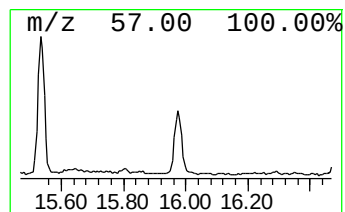
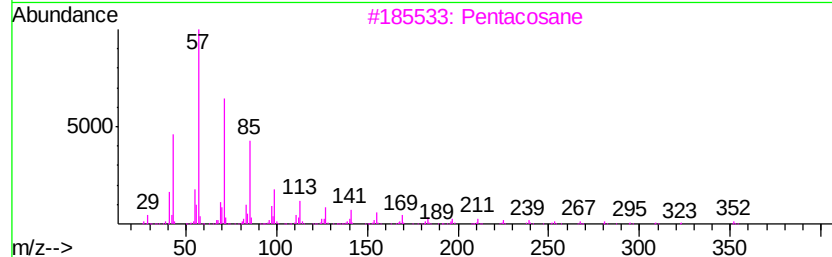
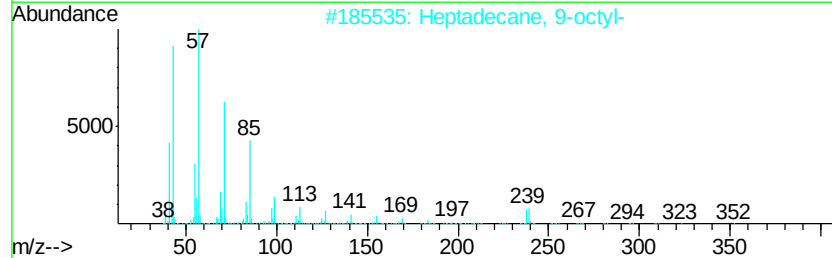
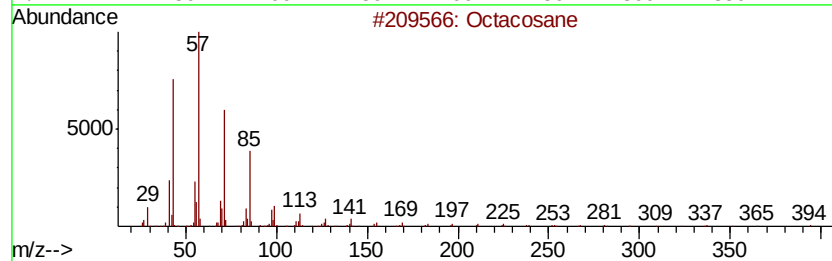
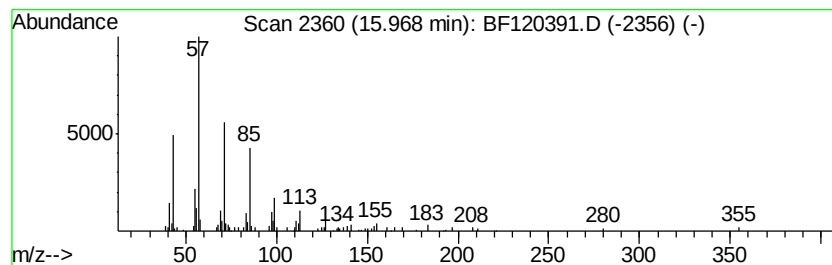
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.85 ng	174375	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052120\
Data File : BF120391.D
Acq On : 21 May 2020 19:54
Operator : MA/SJ
Sample : L2728-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
240000

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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	12.44	3.1 ng		249206	5	13.74	1612400	20.0
Octacosyl trifluo...	13.61	5.0 ng		402707	5	13.74	1612400	20.0
Heptacosane	13.92	2.1 ng		166580	5	13.74	1612400	20.0
Octadecane	14.22	3.3 ng		262264	5	13.74	1612400	20.0
Eicosane, 7-hexyl-	14.52	6.3 ng		383131	6	15.13	1222440	20.0
Octacosane	14.82	6.3 ng		381878	6	15.13	1222440	20.0
Heneicosane	15.53	5.9 ng		361244	6	15.13	1222440	20.0
Heptadecane, 9-oc...	15.97	2.9 ng		174375	6	15.13	1222440	20.0