

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118806.D
 Acq On : 4 Feb 2020 17:30
 Operator : CG/JU
 Sample : L1360-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

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-BF020320.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	2.210	16	21	33	rVB2	95514	151492	1.46%	0.207%
2	5.040	492	502	512	rBV	101754	148768	1.43%	0.203%
3	5.440	564	570	573	rBV	5572250	6122246	58.81%	8.363%
4	6.445	735	741	744	rBV	5622084	6166866	59.24%	8.424%
5	6.810	799	803	807	rBV	2085889	1652011	15.87%	2.257%
6	6.969	826	830	833	rBV	6002741	5449372	52.34%	7.444%
7	7.369	893	898	901	rBV	3966644	4219275	40.53%	5.763%
8	8.092	1016	1021	1024	rBV	2526907	2177493	20.92%	2.974%
9	9.169	1199	1204	1207	rBV	8374041	8629412	82.89%	11.787%
10	9.286	1222	1224	1229	rVB	148952	133767	1.28%	0.183%
11	9.557	1267	1270	1273	rBV	347130	301617	2.90%	0.412%
12	9.845	1313	1319	1323	rBV	3128085	2757781	26.49%	3.767%
13	10.280	1390	1393	1396	rVB	170362	141602	1.36%	0.193%
14	10.504	1426	1431	1437	rBV	101735	123697	1.19%	0.169%
15	10.633	1447	1453	1456	rBV	6199809	6069352	58.30%	8.290%
16	10.757	1471	1474	1475	rBV	200905	190600	1.83%	0.260%
17	11.204	1547	1550	1552	rBV	175449	142291	1.37%	0.194%
18	11.327	1567	1571	1575	rBV	3414809	2904777	27.90%	3.968%
19	11.627	1619	1622	1626	rVB	144733	116759	1.12%	0.159%
20	11.857	1656	1661	1670	rBV	699540	896542	8.61%	1.225%
21	12.639	1791	1794	1806	rBV	270130	345481	3.32%	0.472%
22	12.916	1836	1841	1845	rBV	9335825	10410775	100.00%	14.221%
23	13.145	1875	1880	1890	rVB	65635	104367	1.00%	0.143%
24	13.492	1932	1939	1946	rVB2	84204	114443	1.10%	0.156%
25	13.815	1990	1994	2009	rBV	755981	1088638	10.46%	1.487%
26	13.963	2014	2019	2022	rBV	3019905	2797700	26.87%	3.822%
27	14.133	2043	2048	2057	rBV	454128	467434	4.49%	0.638%
28	14.439	2095	2100	2111	rBV	735070	852725	8.19%	1.165%
29	14.739	2145	2151	2159	rVB	1126304	1193476	11.46%	1.630%
30	15.068	2201	2207	2217	rVB	1143034	1405888	13.50%	1.920%
31	15.404	2258	2264	2267	rBV	1960157	2485031	23.87%	3.394%
32	15.439	2267	2270	2277	rVB	1033658	1319509	12.67%	1.802%
33	15.862	2335	2342	2349	rBV	690334	1136088	10.91%	1.552%
34	15.921	2349	2352	2366	rVB8	50479	137304	1.32%	0.188%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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35	16.357	2419	2426	2441	rvB	331693	661750	6.36%	0.904%
36	16.933	2518	2524	2534	rvB3	85108	192850	1.85%	0.263%

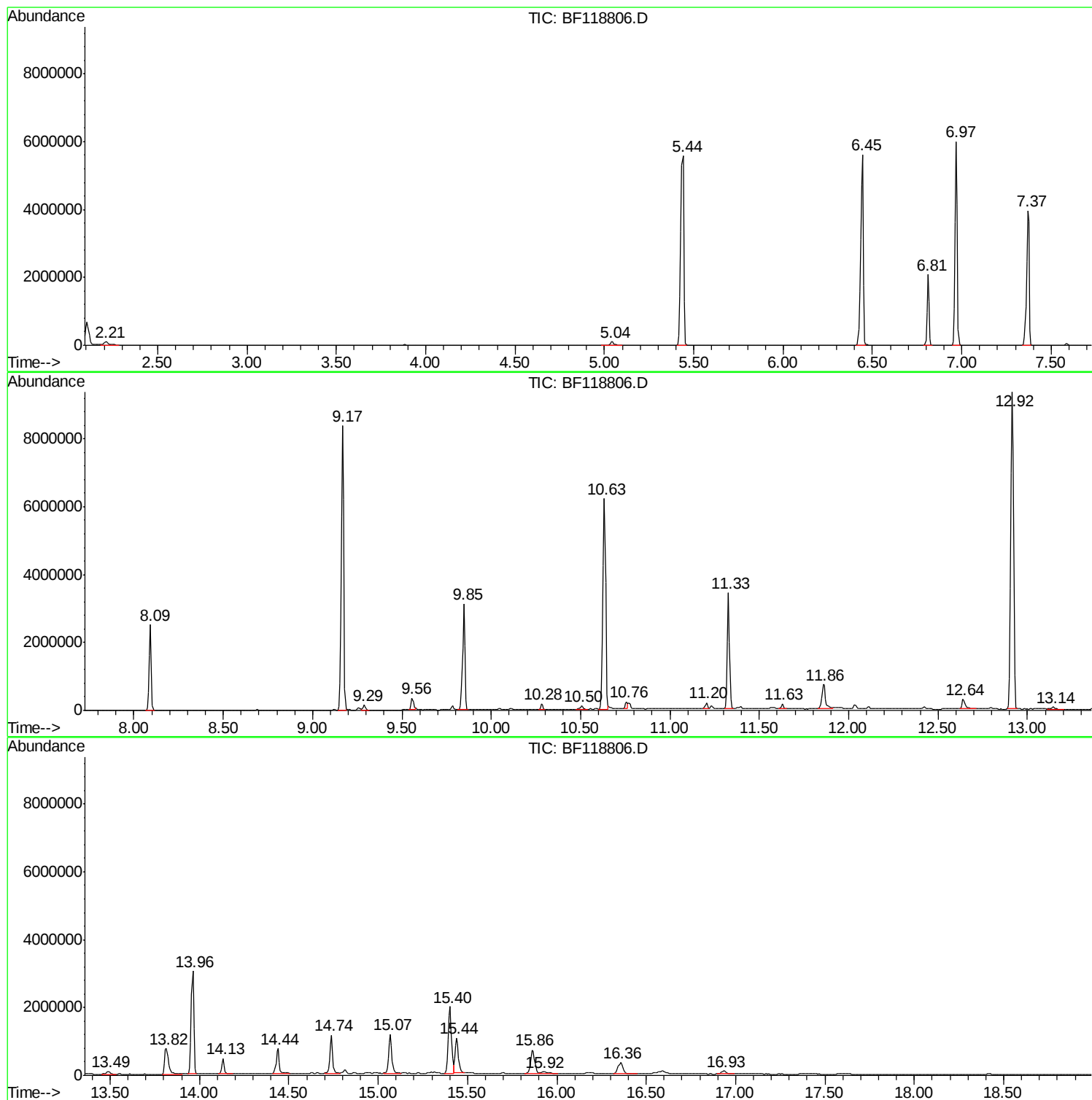
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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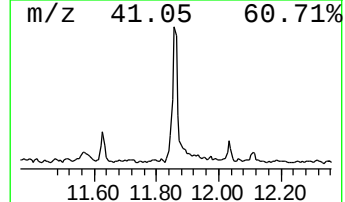
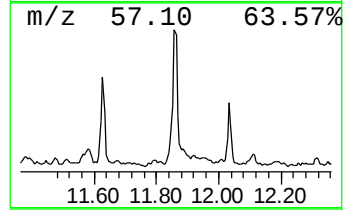
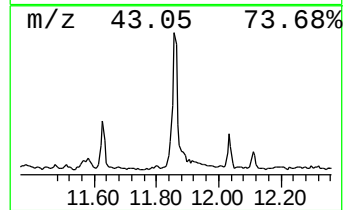
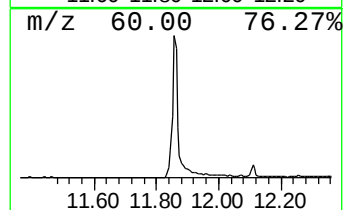
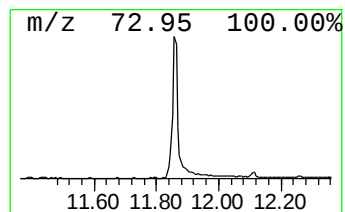
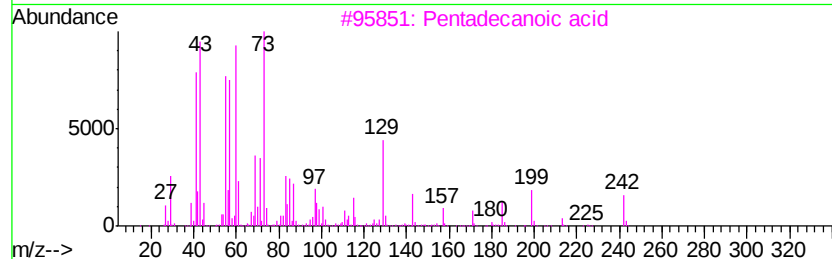
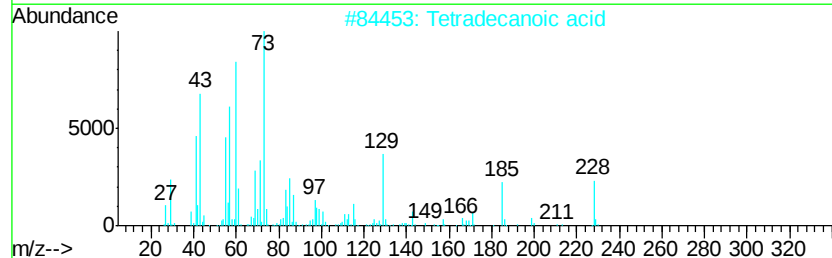
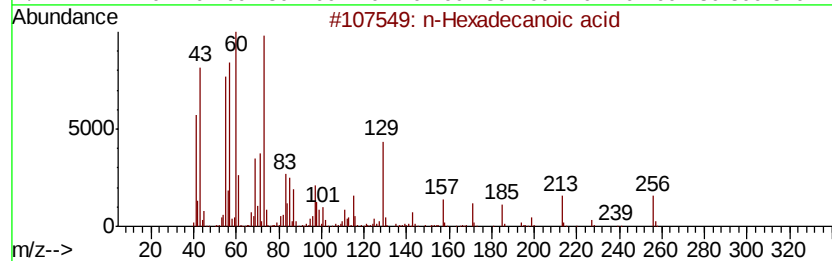
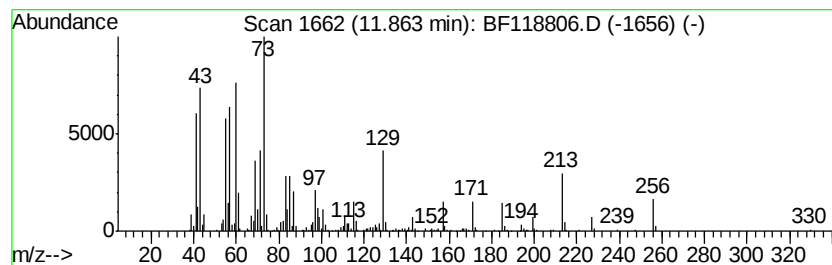
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	6.17 ng	896542	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



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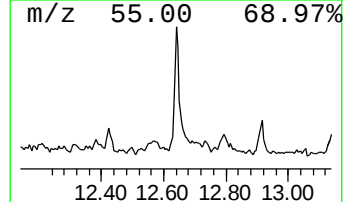
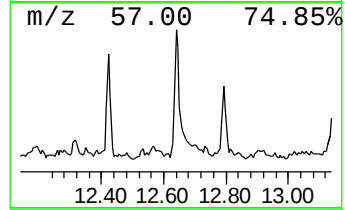
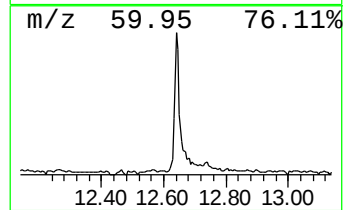
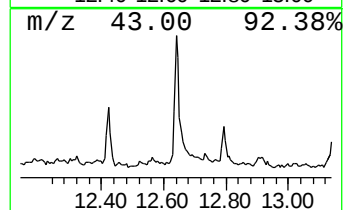
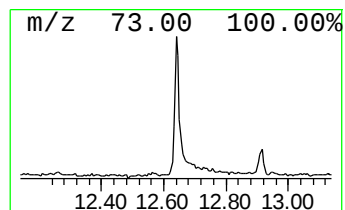
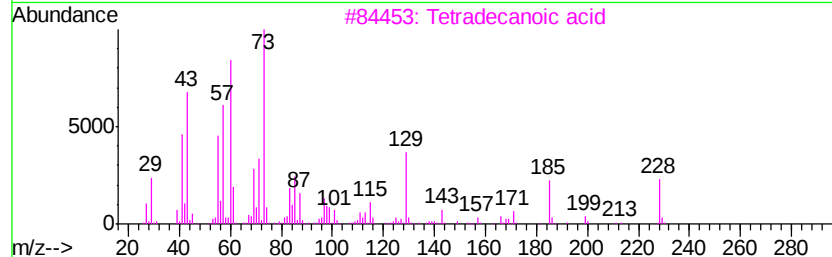
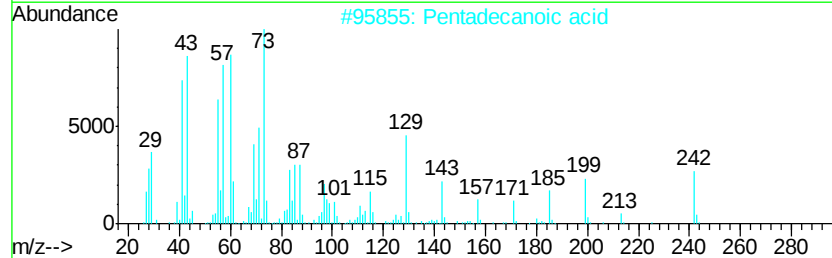
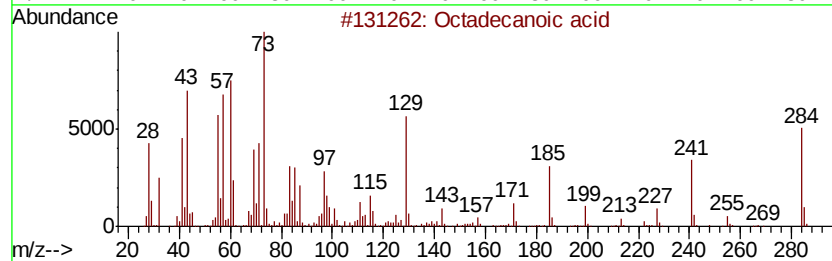
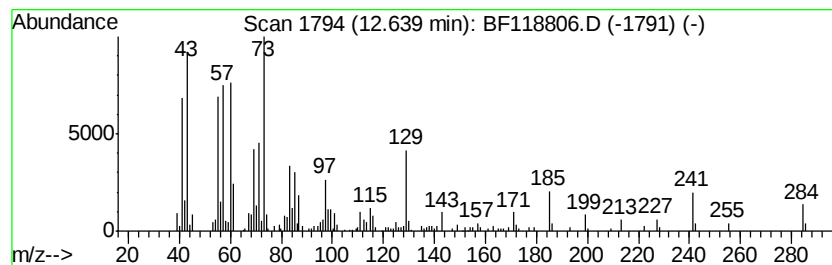
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.64	2.38 ng	345481	Phenanthrene-d10		11.33
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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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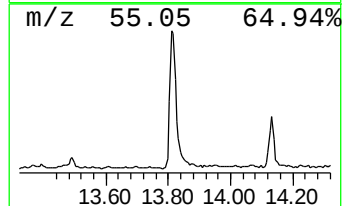
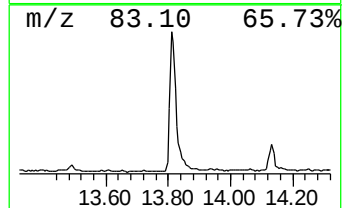
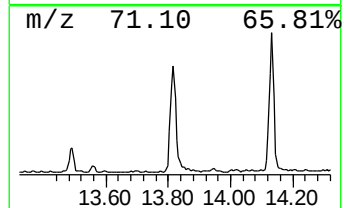
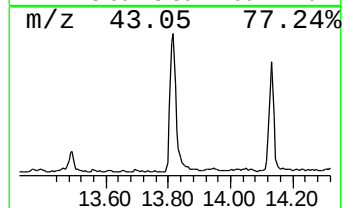
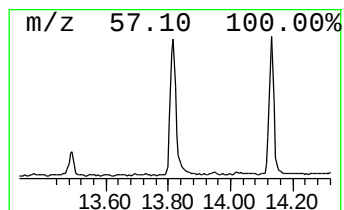
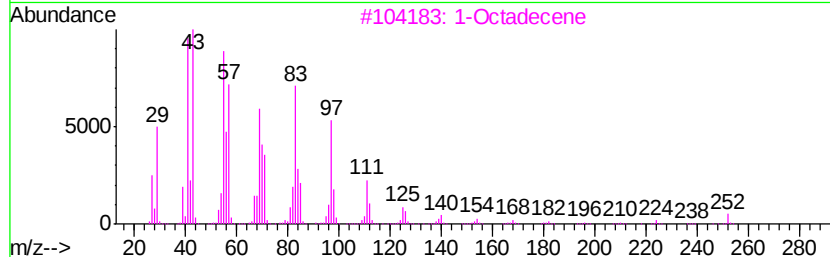
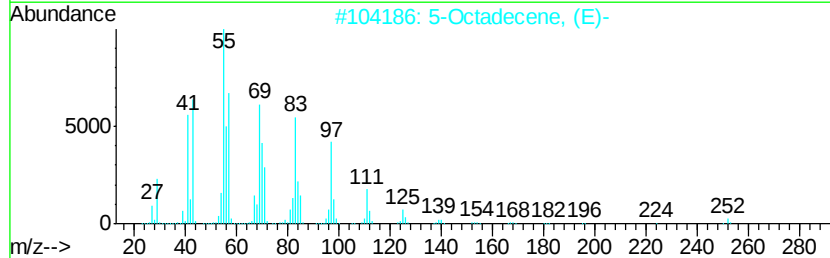
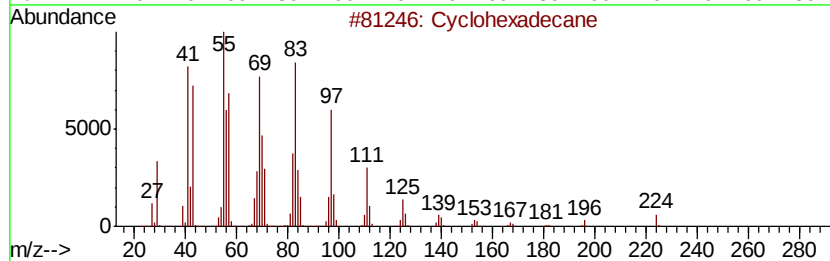
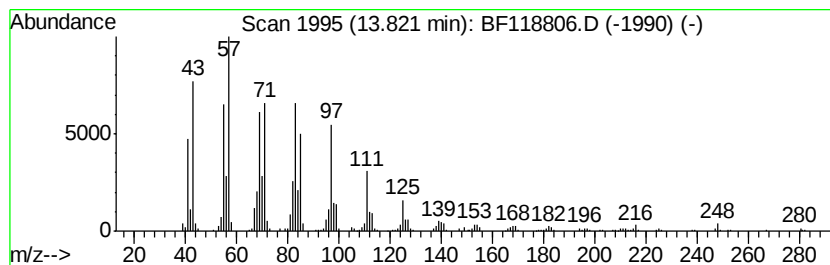
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.78 ng	1088640	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3		1-Octadecene	252	C18H36	000112-88-9	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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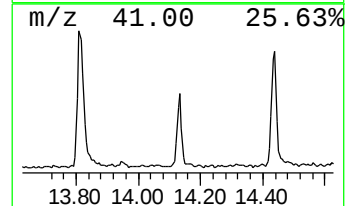
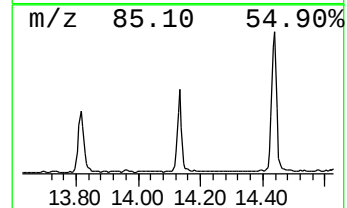
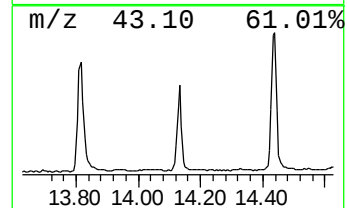
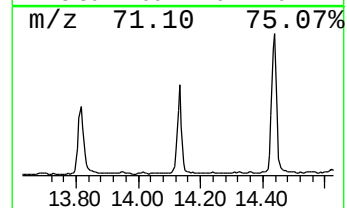
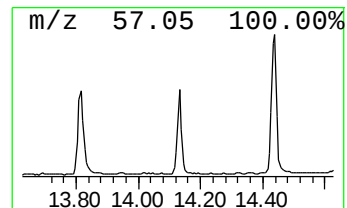
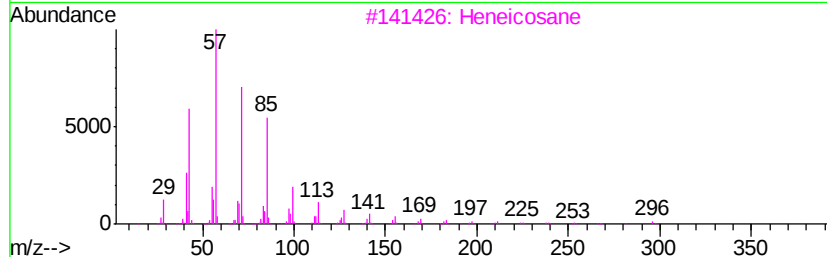
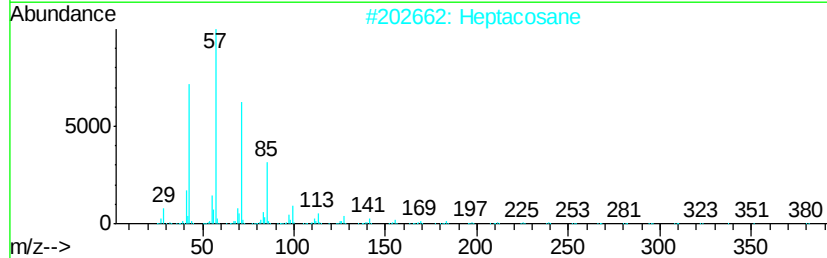
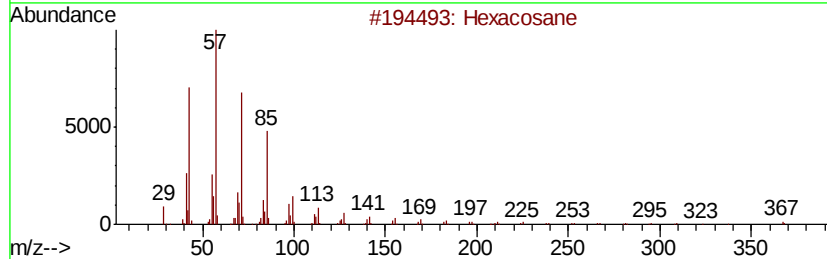
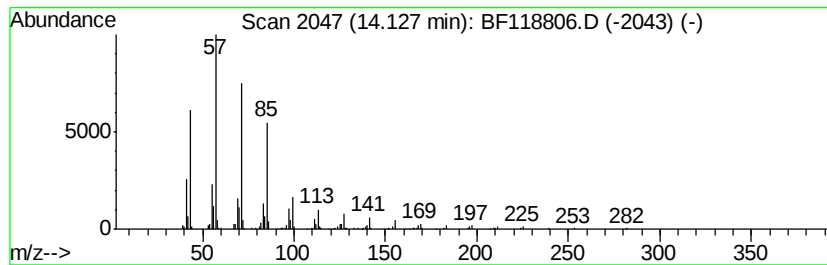
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.34 ng	467434	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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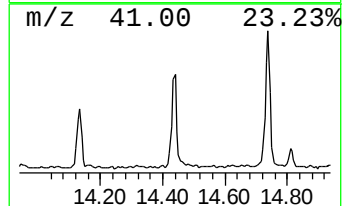
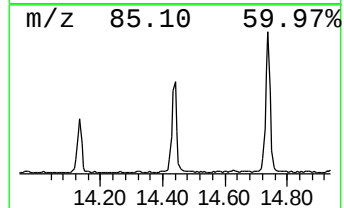
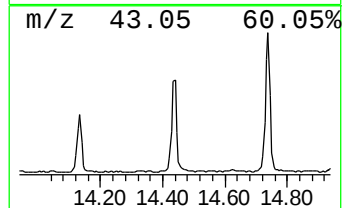
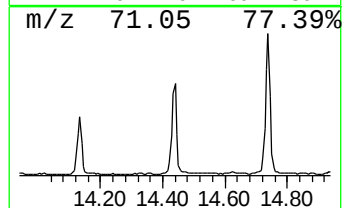
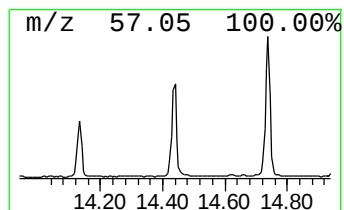
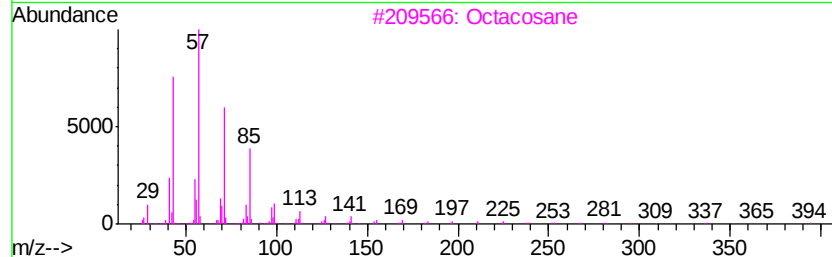
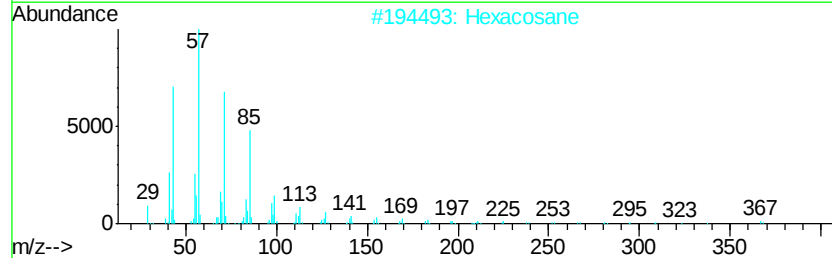
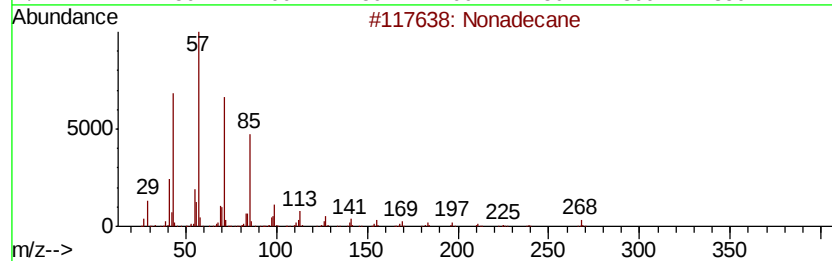
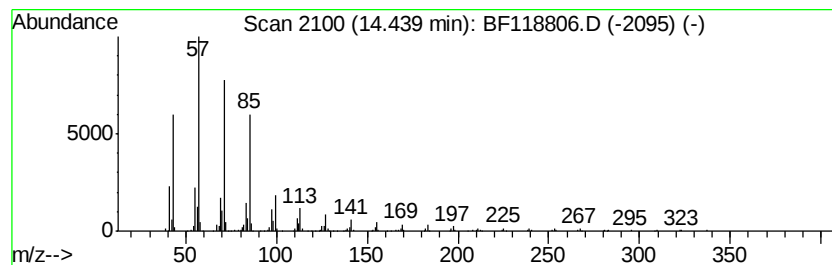
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	6.10 ng	852725	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Hexacosane		366	C26H54	000630-01-3	94
3	Octacosane		394	C28H58	000630-02-4	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



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 ClientSampleId :
 TP-1

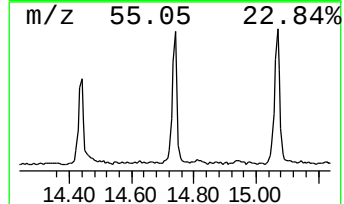
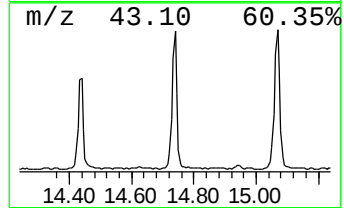
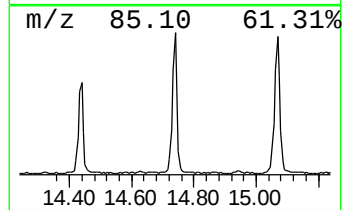
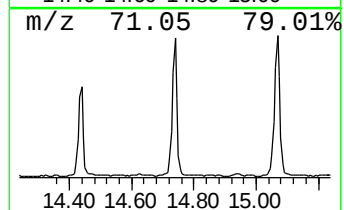
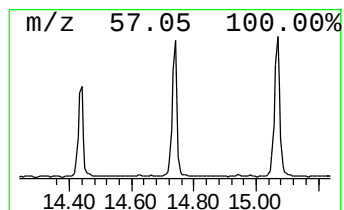
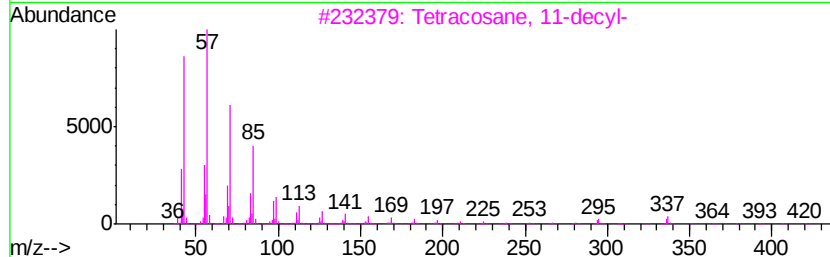
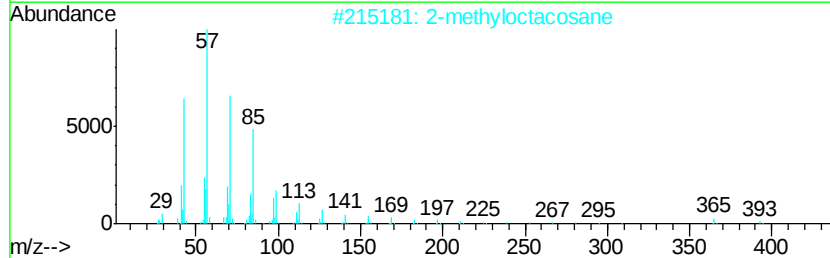
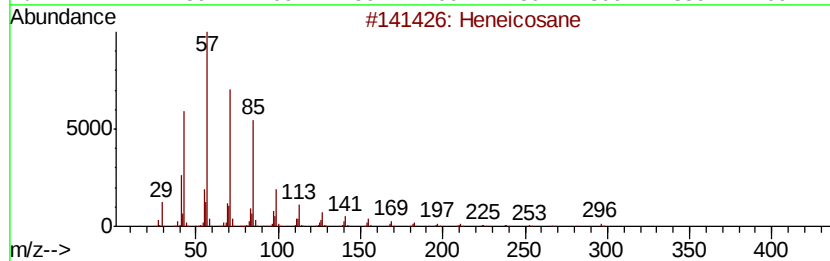
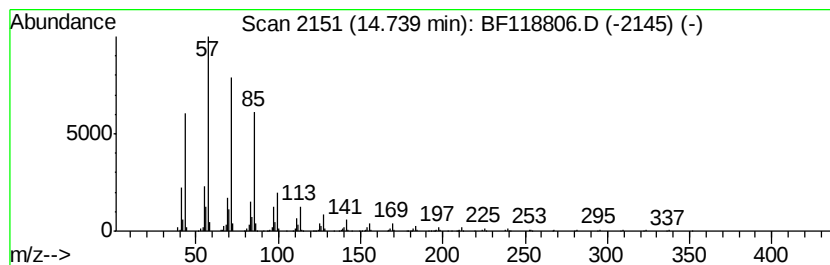
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	9.61 ng	1193480	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118806.D
Acq On : 4 Feb 2020 17:30
Operator : CG/JU
Sample : L1360-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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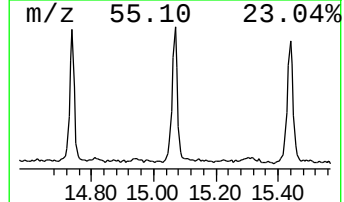
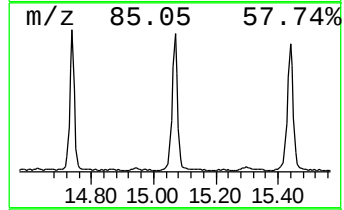
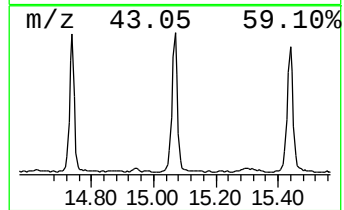
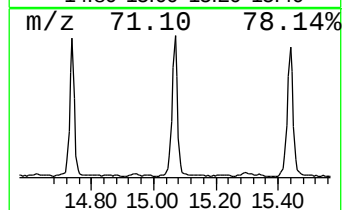
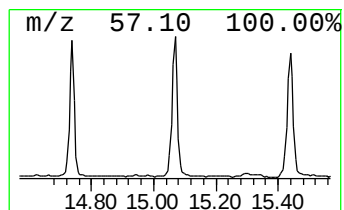
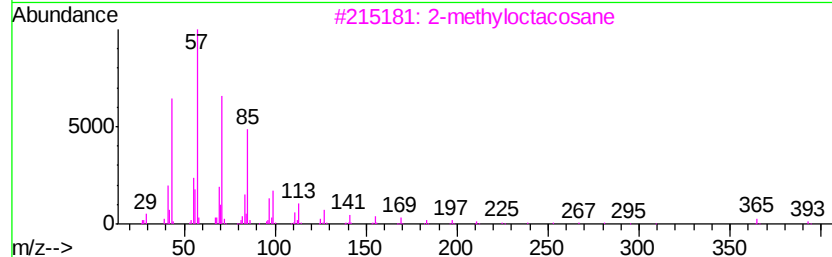
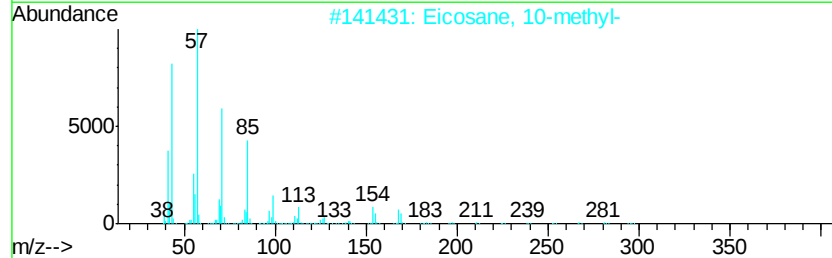
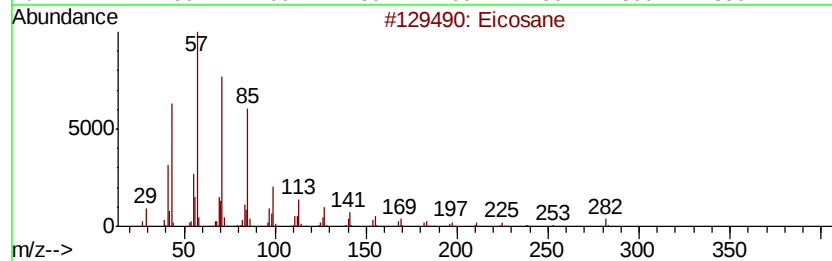
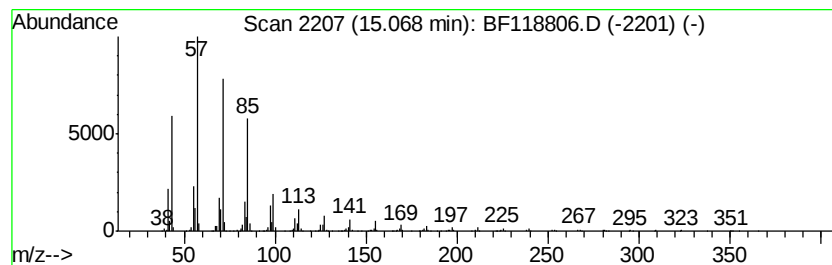
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	11.31 ng	1405890	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Tetratetracontane		619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118806.D
Acq On : 4 Feb 2020 17:30
Operator : CG/JU
Sample : L1360-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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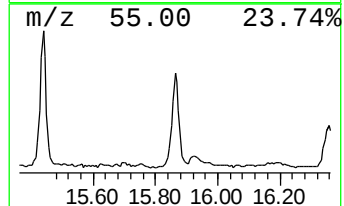
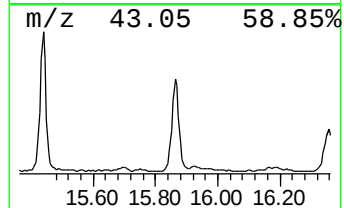
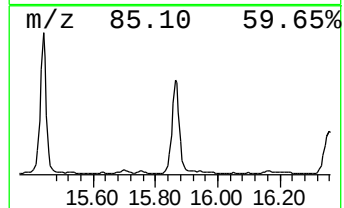
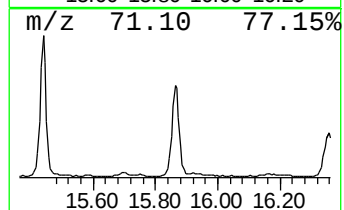
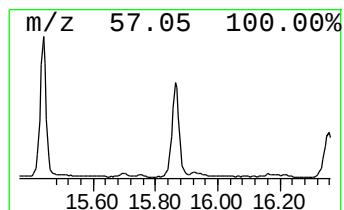
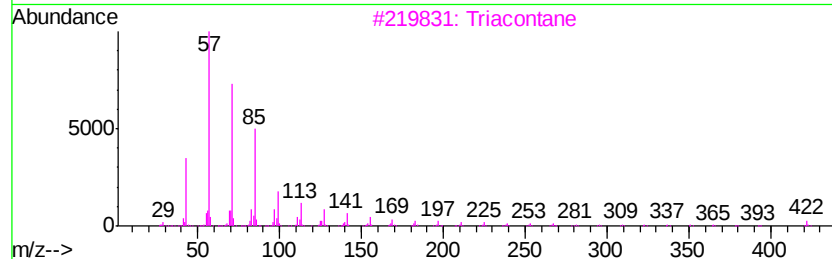
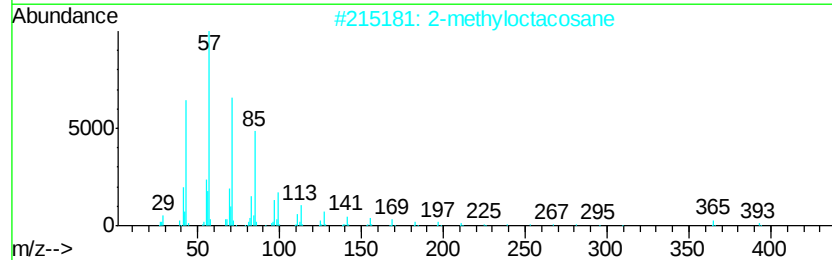
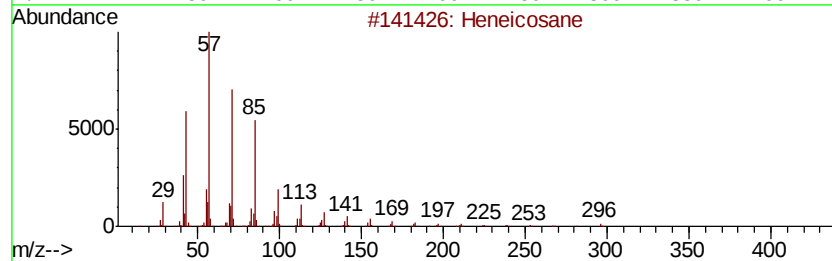
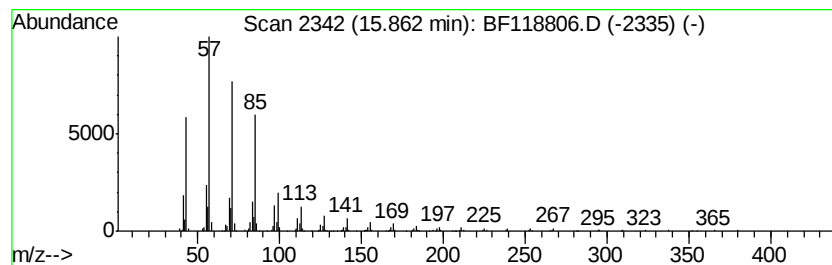
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	9.14 ng	1136090	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Acq On : 4 Feb 2020 17:30
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Misc :
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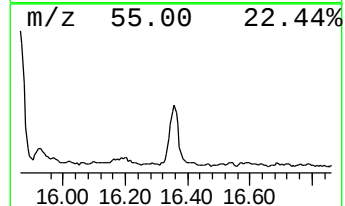
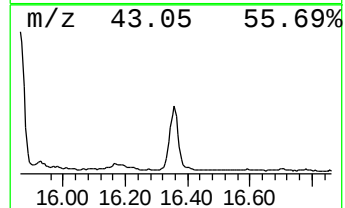
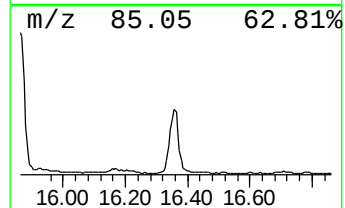
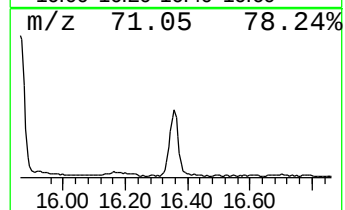
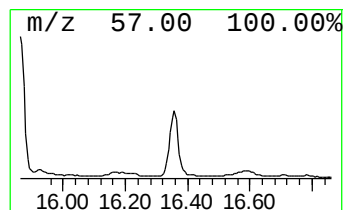
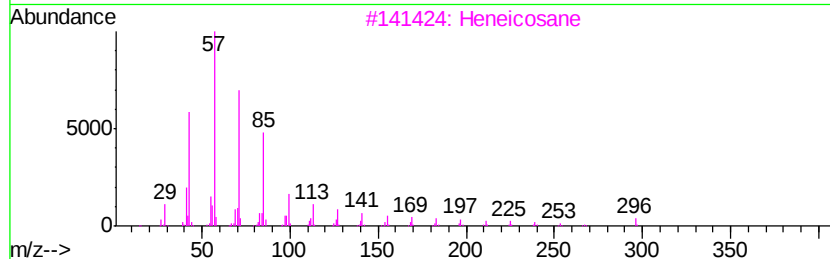
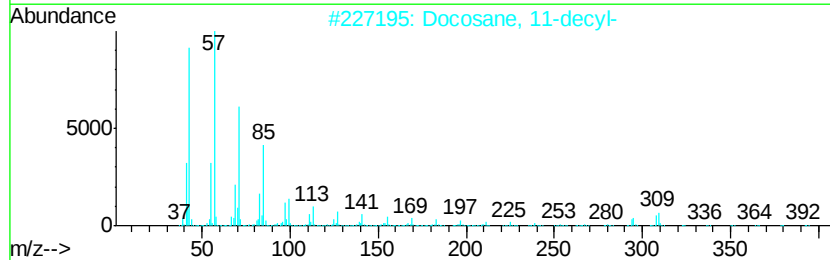
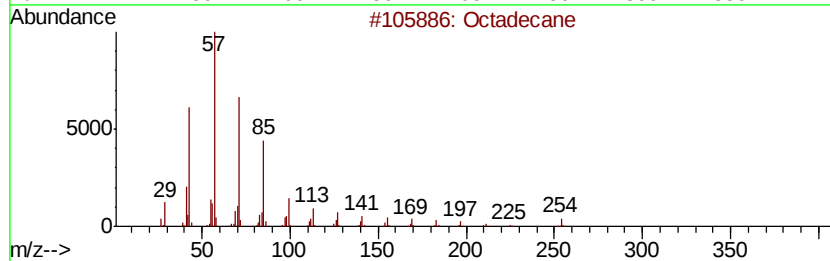
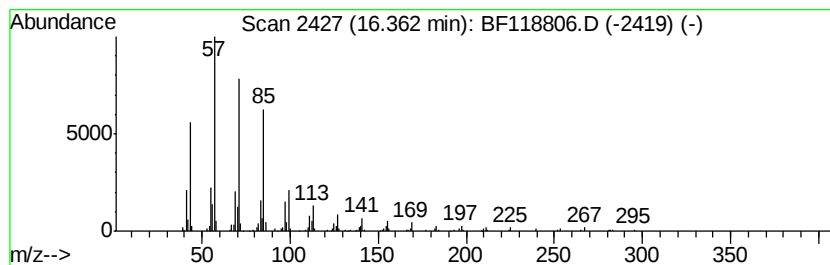
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	5.33 ng	661750	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	91
2	Docosane, 11-decyl-	451 C32H66	055401-55-3	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Triacontane	422 C30H62	000638-68-6	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020420\
Data File : BF118806.D
Acq On : 4 Feb 2020 17:30
Operator : CG/JU
Sample : L1360-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
n-Hexadecanoic acid	11.86	6.2	ng	896542	4	11.33	2904780	20.0
Octadecanoic acid	12.64	2.4	ng	345481	4	11.33	2904780	20.0
Cyclohexadecane	13.82	7.8	ng	1088640	5	13.96	2797700	20.0
Hexacosane	14.13	3.3	ng	467434	5	13.96	2797700	20.0
Nonadecane	14.44	6.1	ng	852725	5	13.96	2797700	20.0
Heneicosane	14.74	9.6	ng	1193480	6	15.40	2485030	20.0
Eicosane	15.07	11.3	ng	1405890	6	15.40	2485030	20.0
2-methyloctacosane	15.86	9.1	ng	1136090	6	15.40	2485030	20.0
Octadecane	16.36	5.3	ng	661750	6	15.40	2485030	20.0