

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
 Data File : BF120115.D
 Acq On : 21 Apr 2020 21:08
 Operator : MA/SJ
 Sample : L2327-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

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	5.298	541	546	549	rBV	3915660	3933209	86.83%	12.203%
2	6.339	717	723	726	rBV	3733322	3983919	87.95%	12.360%
3	6.692	779	783	786	rBV	1017061	771646	17.04%	2.394%
4	6.851	805	810	813	rBV	3935631	3245985	71.66%	10.071%
5	7.263	874	880	883	rBV	2823091	2654840	58.61%	8.237%
6	7.981	998	1002	1005	rBV	1142719	983515	21.71%	3.051%
7	9.063	1181	1186	1189	rBV	5374553	4529733	100.00%	14.054%
8	9.457	1249	1253	1256	rBV	849808	643905	14.22%	1.998%
9	9.733	1296	1300	1304	rVB	1264319	996754	22.00%	3.092%
10	10.527	1430	1435	1438	rBV	2504204	2281945	50.38%	7.080%
11	11.216	1549	1552	1556	rBV	911846	817136	18.04%	2.535%
12	11.757	1641	1644	1656	rBV	413782	391738	8.65%	1.215%
13	12.545	1774	1778	1784	rBV	184018	214473	4.73%	0.665%
14	12.692	1799	1803	1814	rVB	144209	180025	3.97%	0.559%
15	12.810	1819	1823	1826	rVV	3369969	3091197	68.24%	9.591%
16	13.292	1902	1905	1911	rVB4	56133	52323	1.16%	0.162%
17	13.715	1973	1977	1984	rBV	190003	280414	6.19%	0.870%
18	13.857	1997	2001	2005	rBV	807985	717309	15.84%	2.225%
19	14.033	2029	2031	2035	rBV	122735	127832	2.82%	0.397%
20	14.339	2080	2083	2087	rBV	210961	207809	4.59%	0.645%
21	14.639	2130	2134	2137	rBV	302242	282030	6.23%	0.875%
22	14.957	2184	2188	2195	rBV	315077	334732	7.39%	1.039%
23	15.274	2237	2242	2245	rBV	583933	684000	15.10%	2.122%
24	15.315	2245	2249	2256	rVB	292066	387215	8.55%	1.201%
25	15.721	2313	2318	2323	rVB	189326	267760	5.91%	0.831%
26	16.192	2393	2398	2405	rVB2	102116	170059	3.75%	0.528%

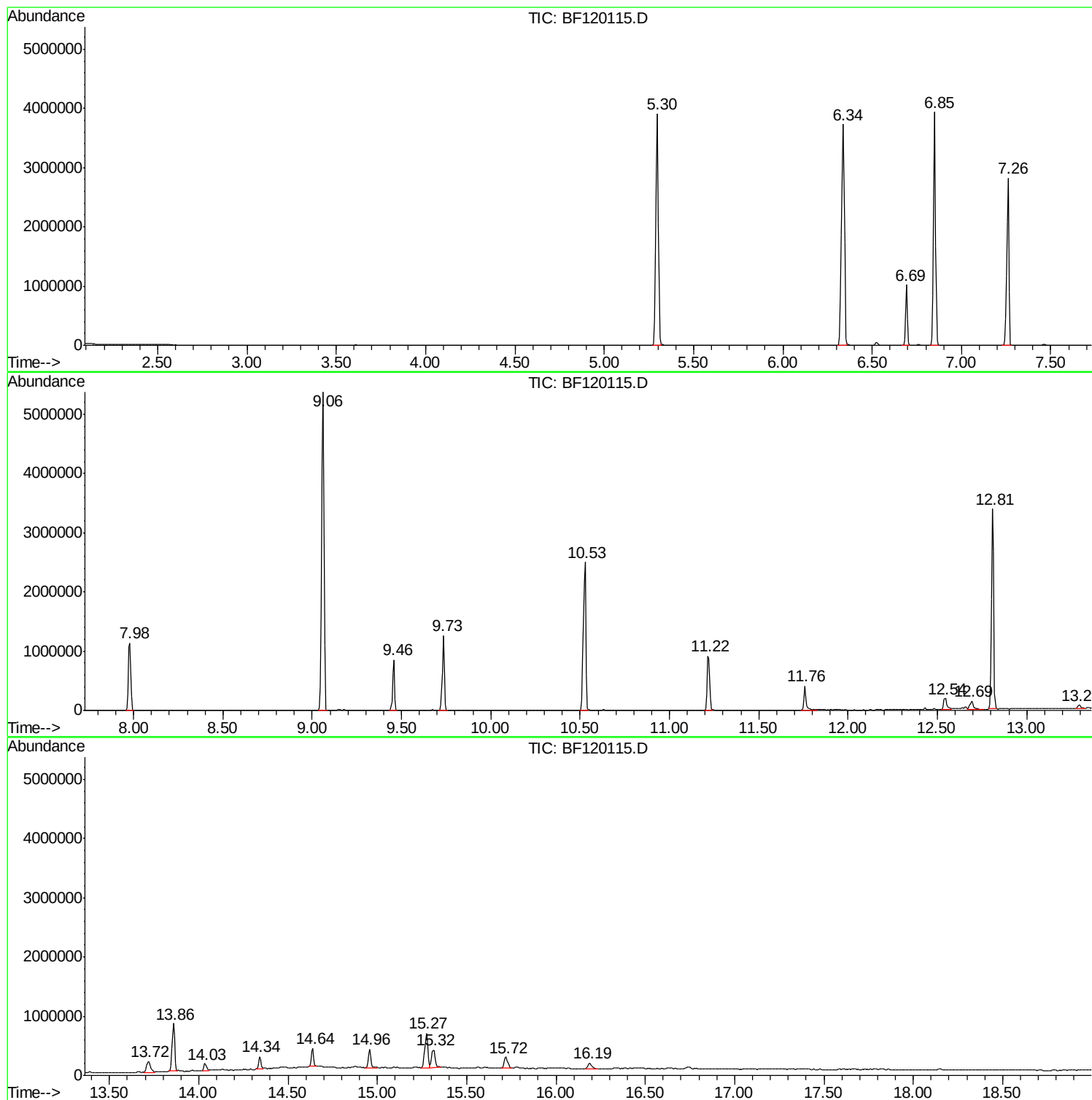
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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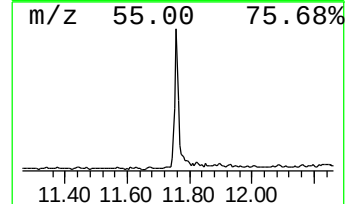
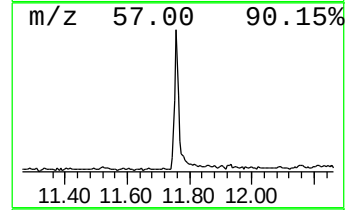
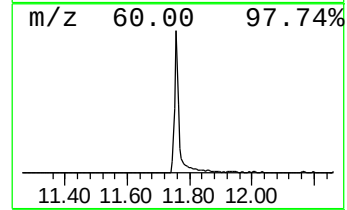
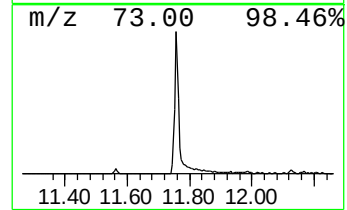
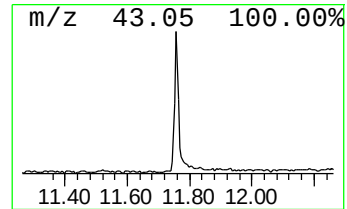
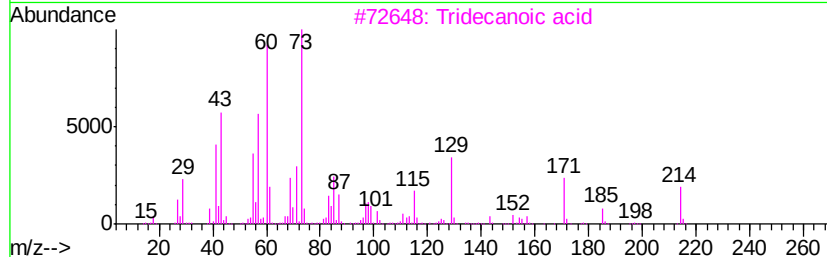
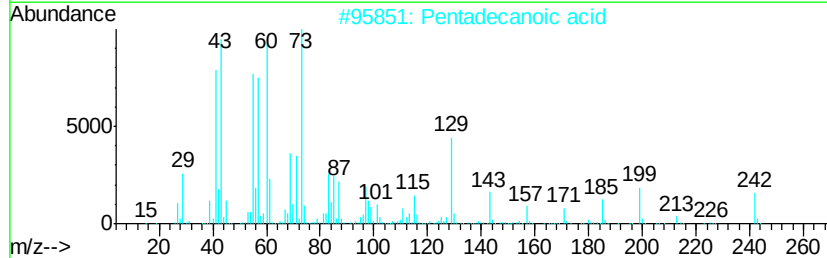
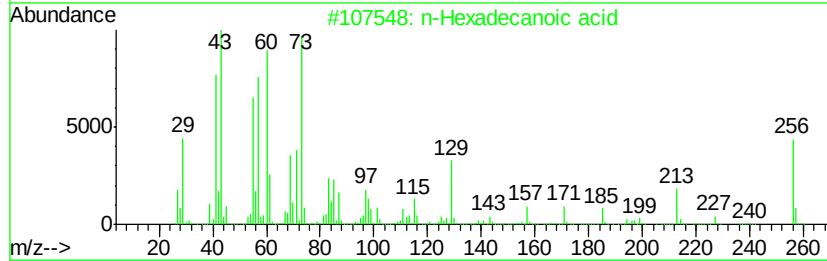
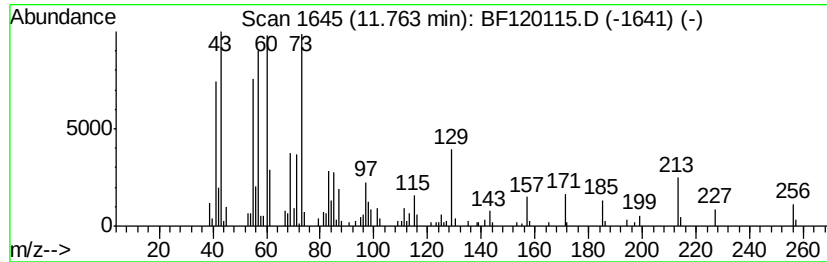
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.76	9.59 ng	391738	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72



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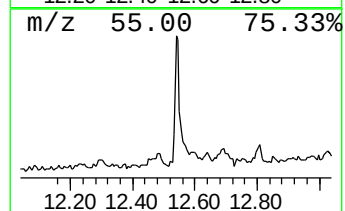
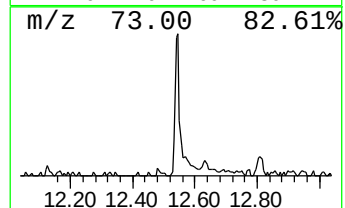
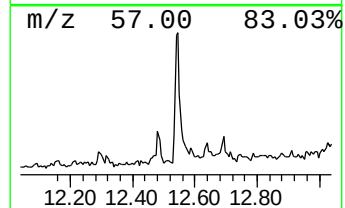
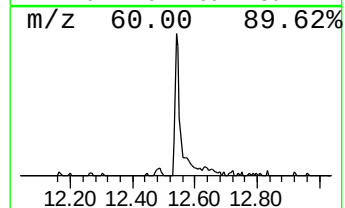
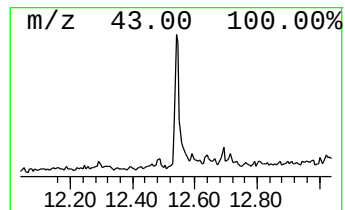
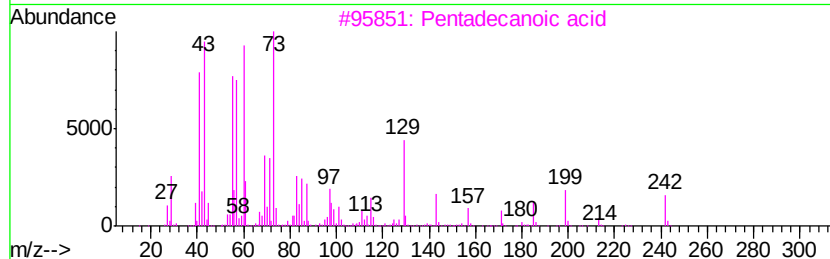
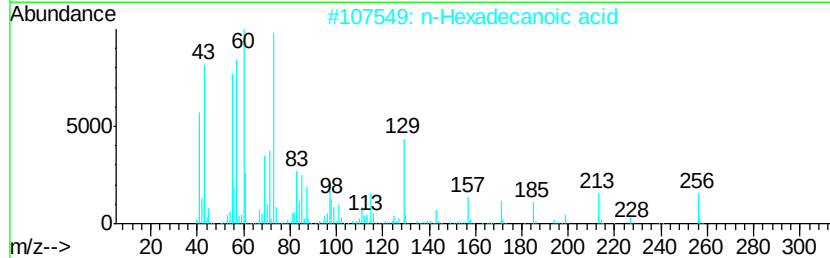
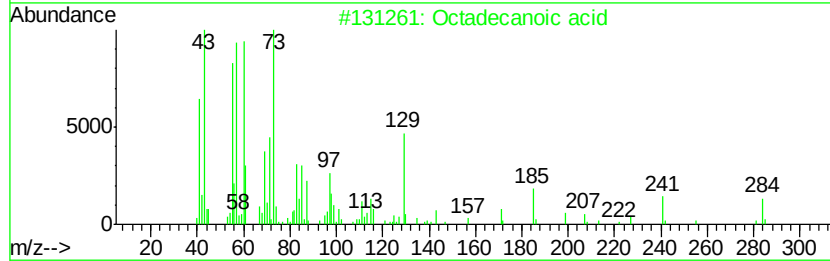
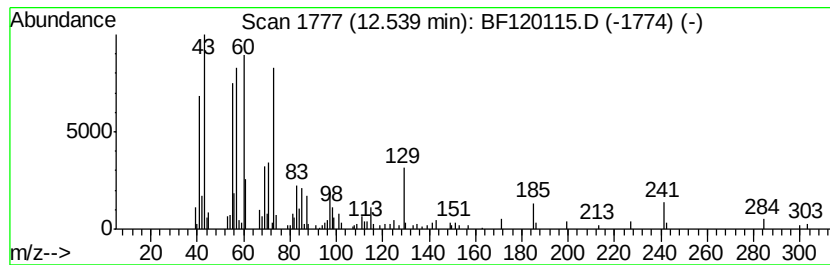
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	5.98 ng	214473	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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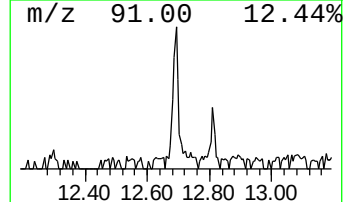
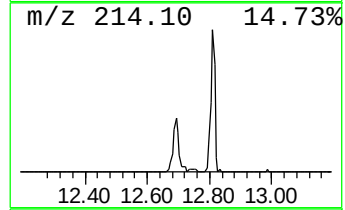
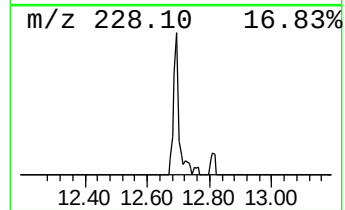
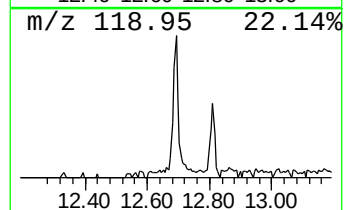
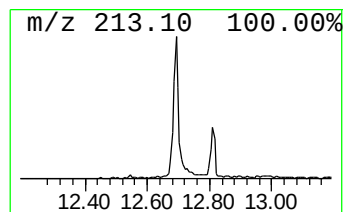
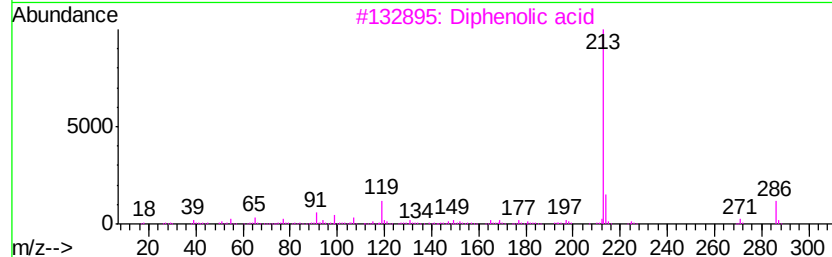
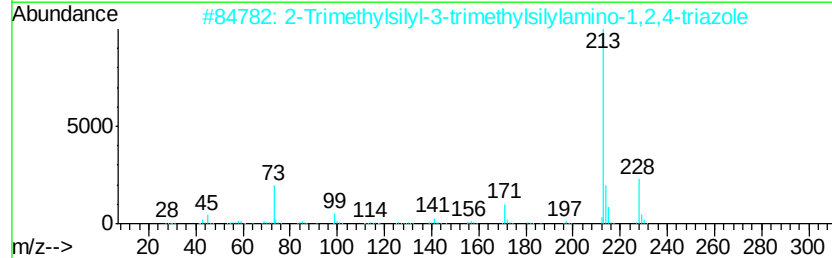
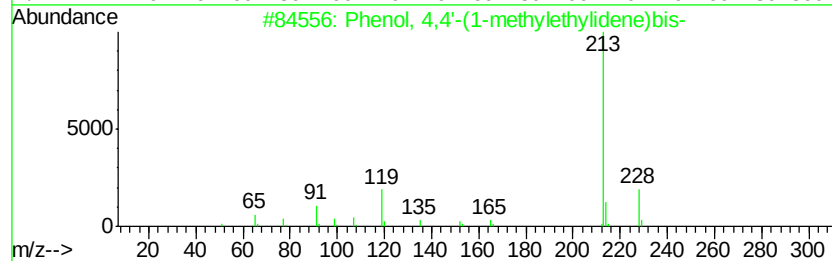
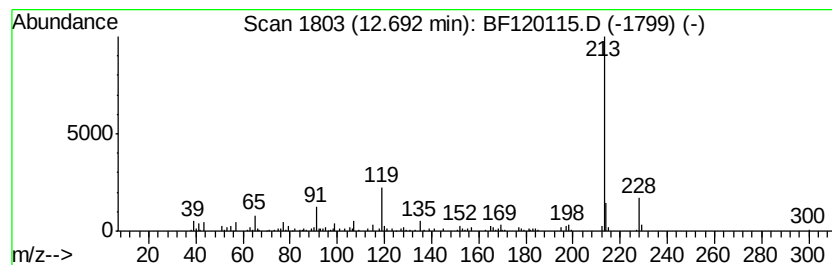
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.02 ng	180025	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2		2-Trimethylsilyl-3-trimethylsilyl...	228	C8H20N4Si2	1000373-05-5	64
3		Diphenolic acid	286	C17H18O4	000126-00-1	59
4		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
5		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53



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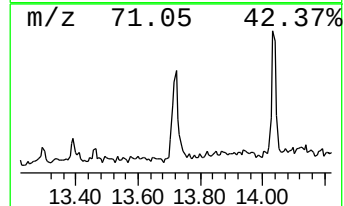
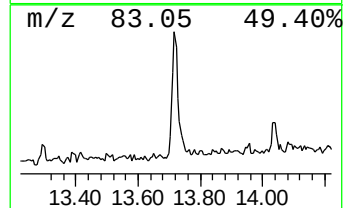
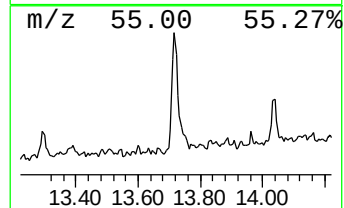
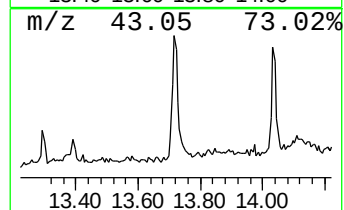
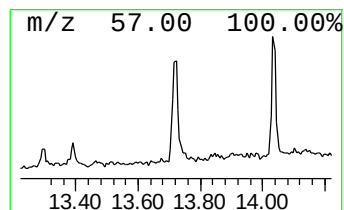
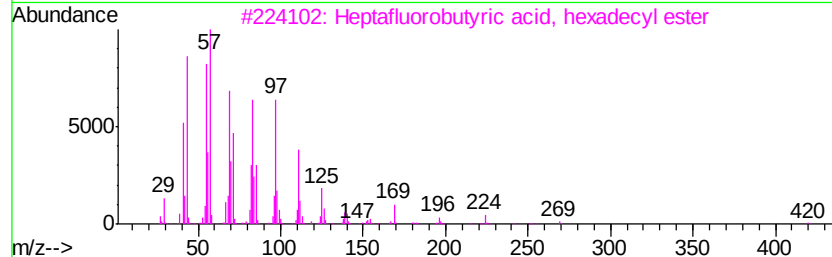
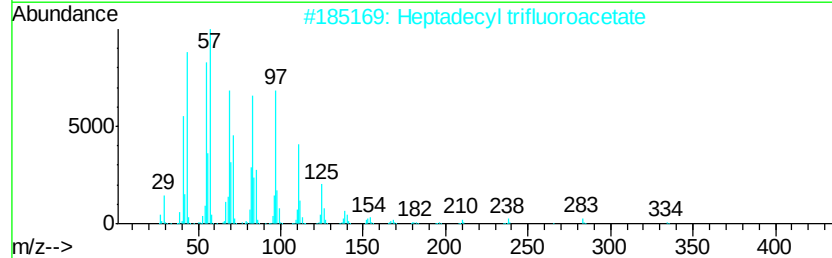
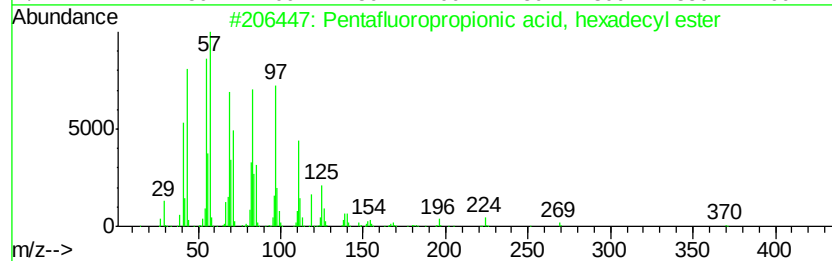
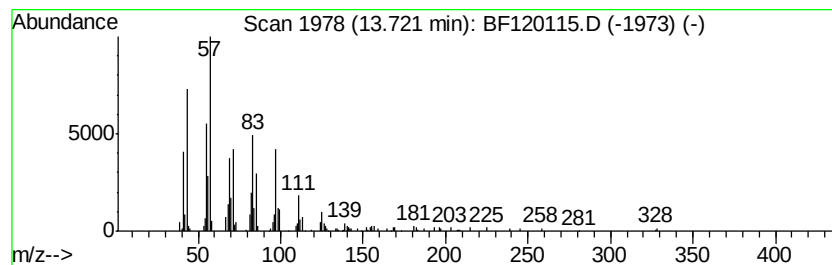
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.82 ng	280414	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		Octacosanol	410	C28H58O	000557-61-9	91



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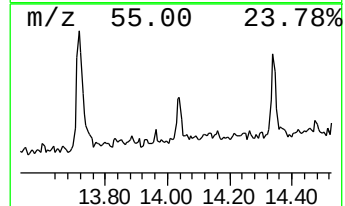
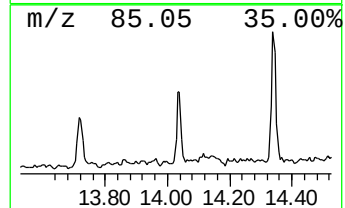
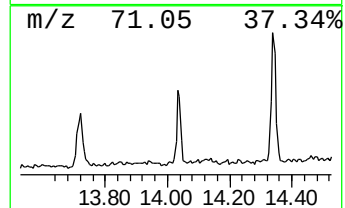
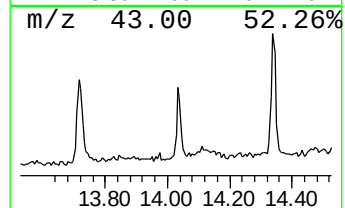
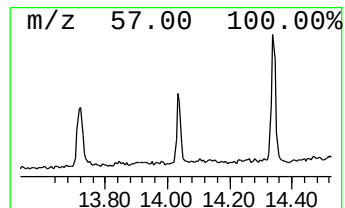
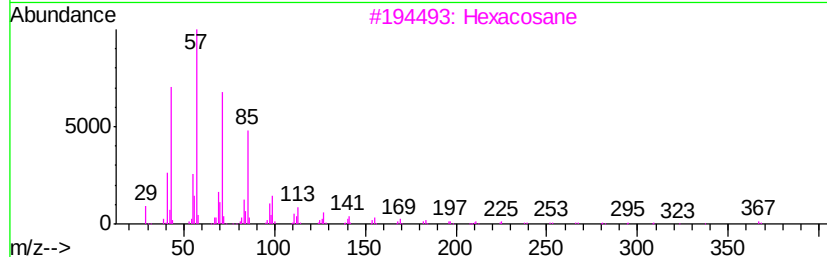
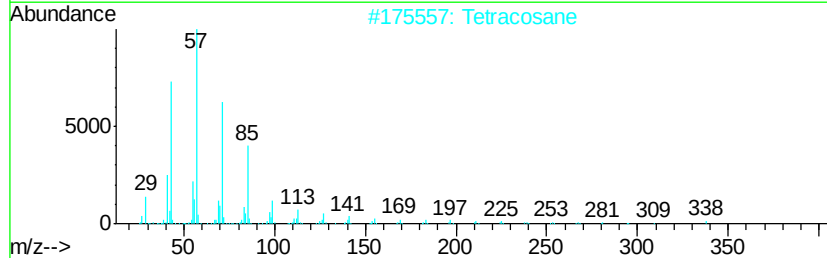
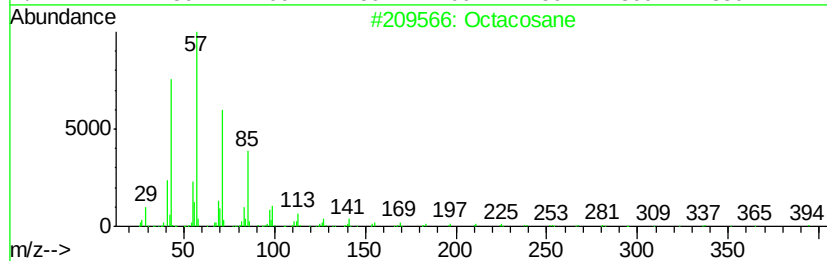
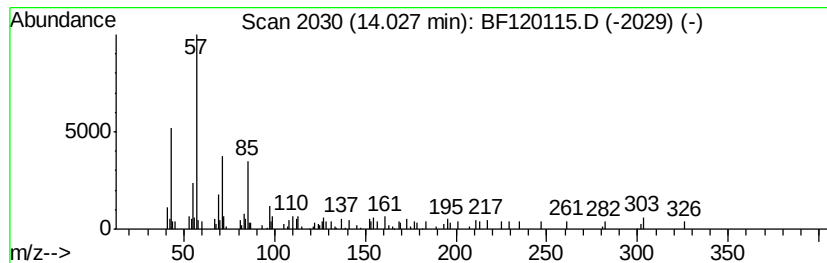
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Peak Number 6 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.56 ng	127832	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetracosane	338	C24H50	000646-31-1	83
3		Hexacosane	366	C26H54	000630-01-3	81
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
5		Tricosane, 2-methyl-	338	C24H50	001928-30-9	80



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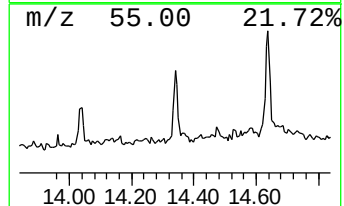
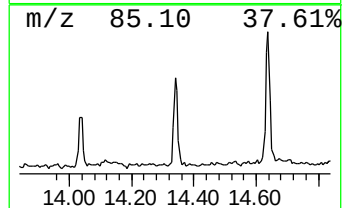
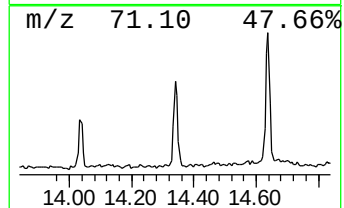
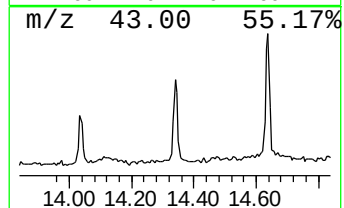
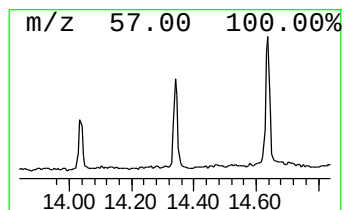
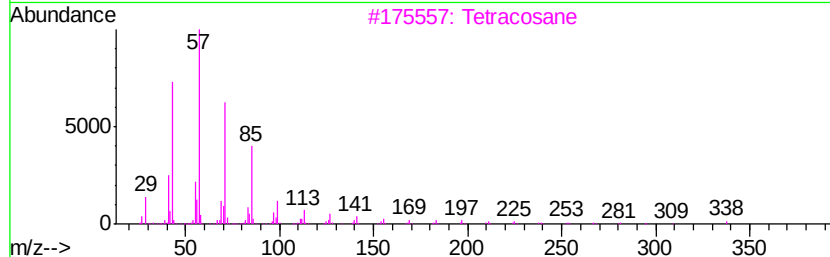
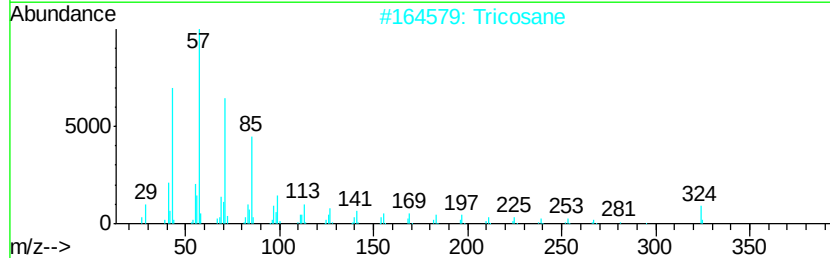
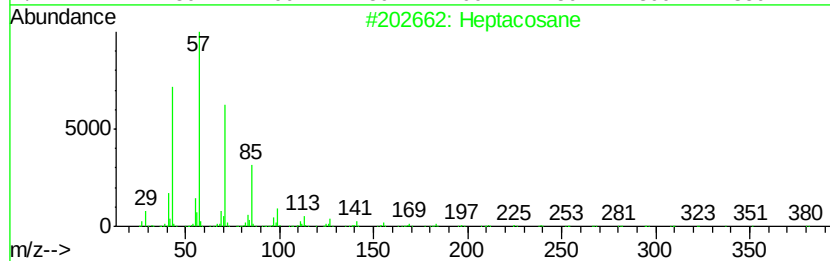
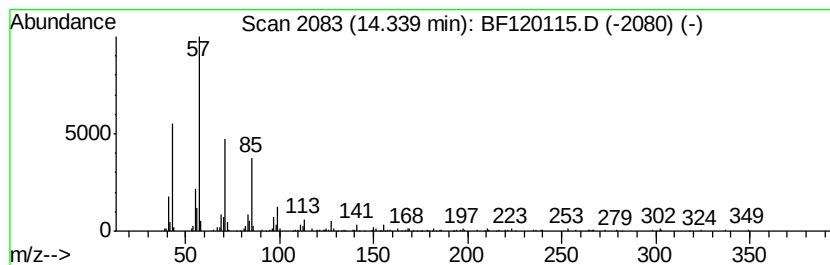
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.79 ng	207809	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Tricosane		324	C23H48	000638-67-5	87
3	Tetracosane		338	C24H50	000646-31-1	87
4	Pentadecane		212	C15H32	000629-62-9	87
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120115.D
 Acq On : 21 Apr 2020 21:08
 Operator : MA/SJ
 Sample : L2327-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

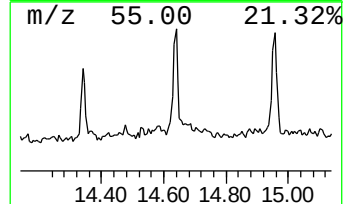
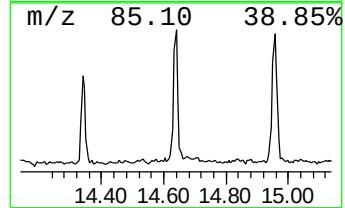
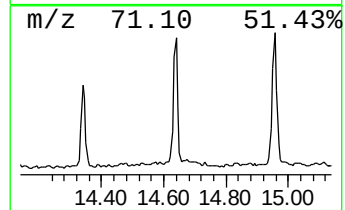
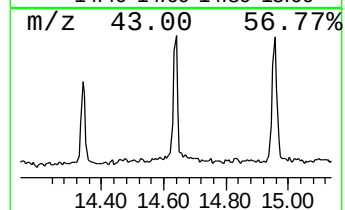
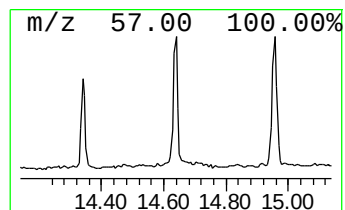
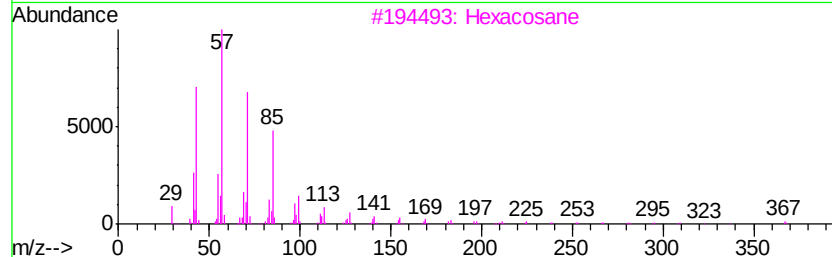
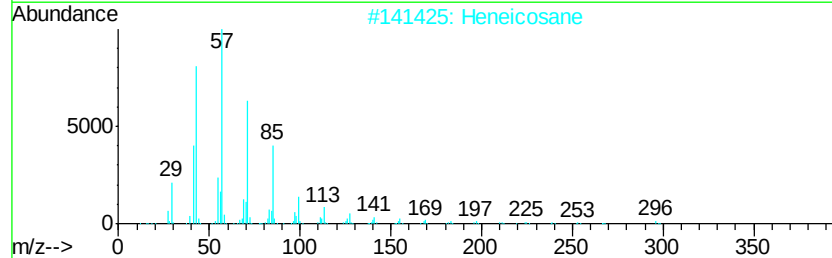
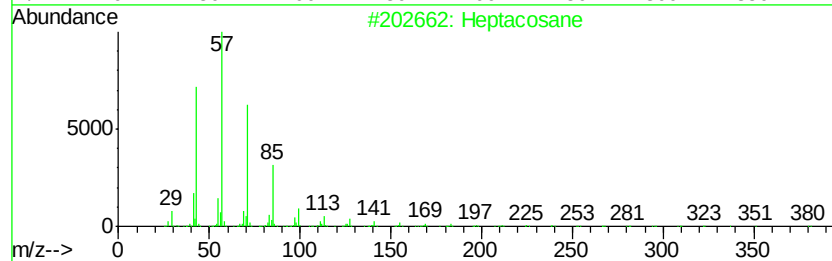
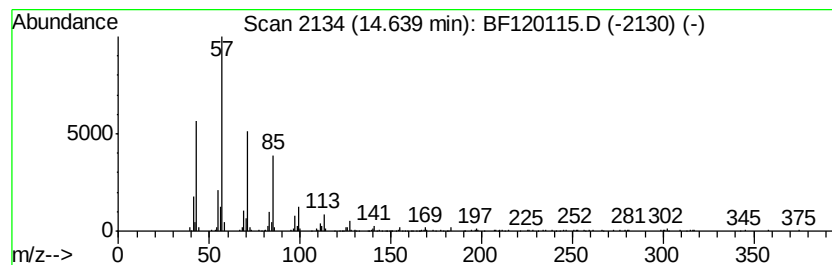
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	8.25 ng	282030	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	87
3	Hexacosane		366	C26H54	000630-01-3	87
4	2-methyloctacosane		408	C29H60	1000376-72-8	83
5	Octadecane		254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120115.D
 Acq On : 21 Apr 2020 21:08
 Operator : MA/SJ
 Sample : L2327-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

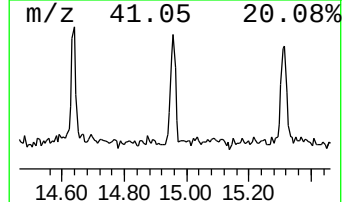
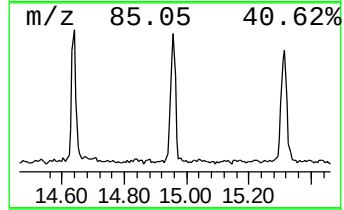
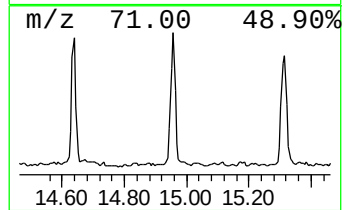
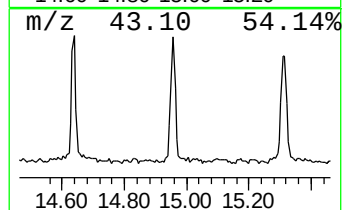
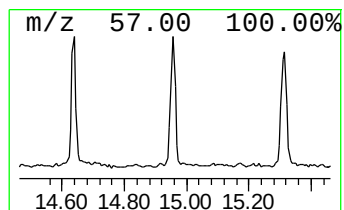
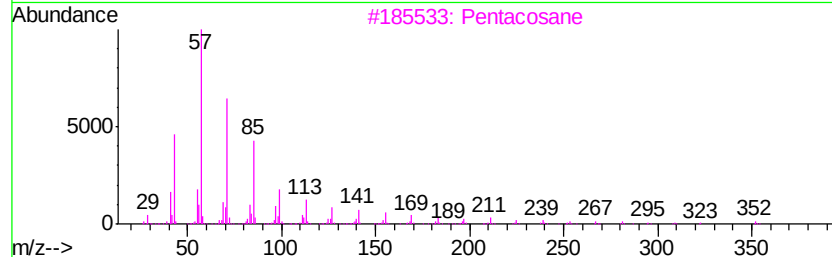
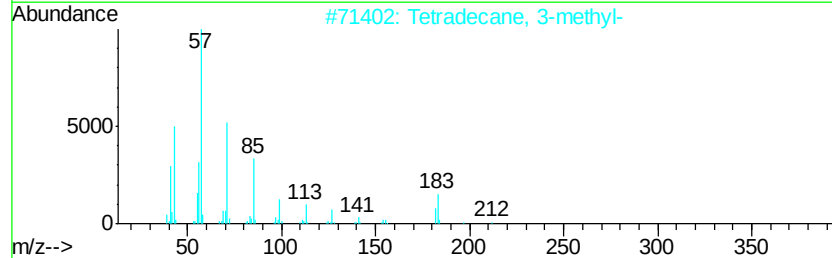
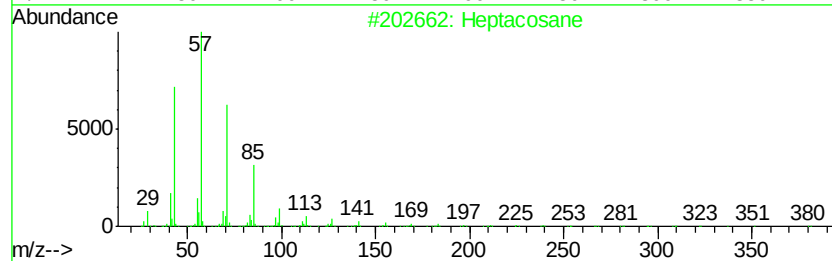
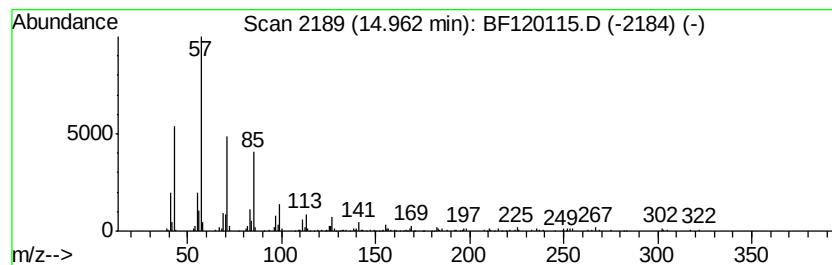
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tetradecane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	9.79 ng	334732	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120115.D
Acq On : 21 Apr 2020 21:08
Operator : MA/SJ
Sample : L2327-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-D

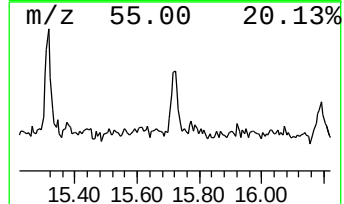
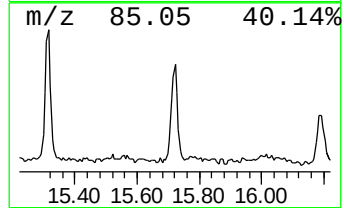
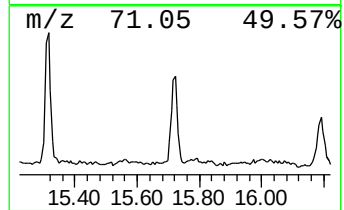
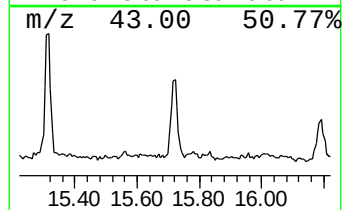
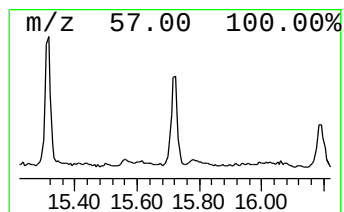
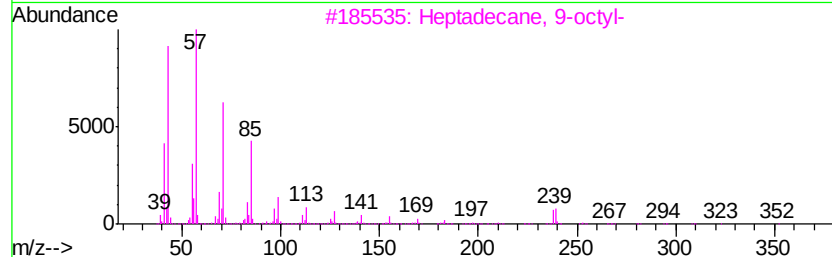
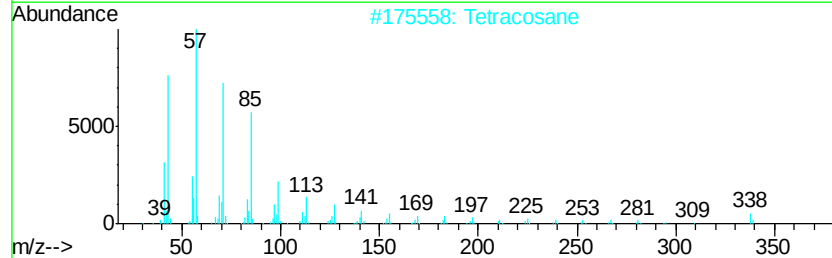
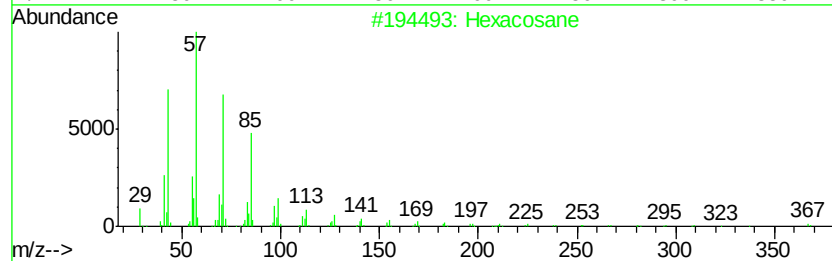
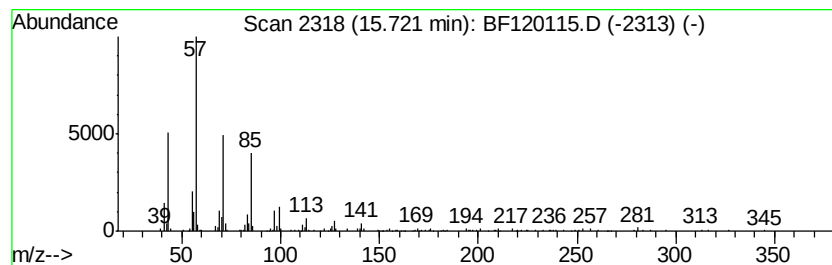
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.83 ng	267760	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Tetracosane	338	C24H50	000646-31-1	86
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4		Heneicosane	296	C21H44	000629-94-7	78
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120115.D
Acq On : 21 Apr 2020 21:08
Operator : MA/SJ
Sample : L2327-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

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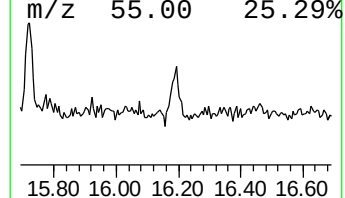
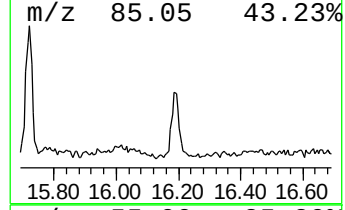
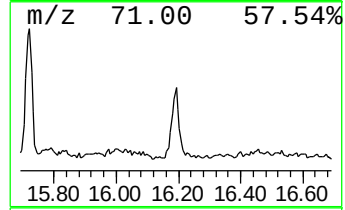
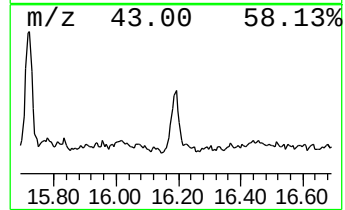
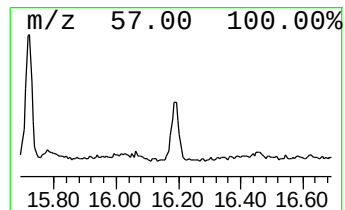
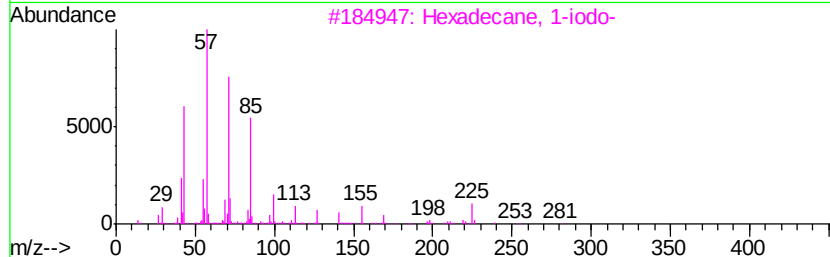
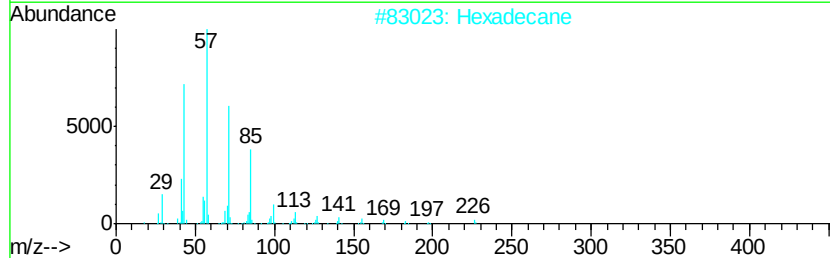
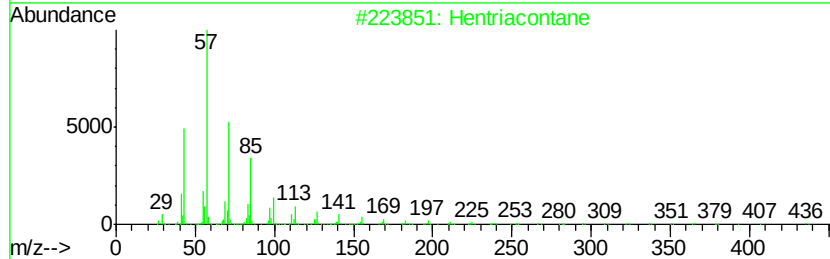
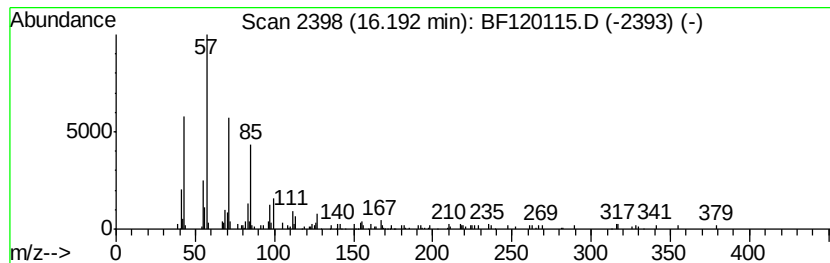
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.97 ng	170059	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	86
2			Hexadecane	226	C16H34	000544-76-3	81
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
 Data File : BF120115.D
 Acq On : 21 Apr 2020 21:08
 Operator : MA/SJ
 Sample : L2327-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

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
n-Hexadecanoic acid	11.76	9.6 ng		391738	4	11.22	817136	20.0
Octadecanoic acid	12.54	6.0 ng		214473	5	13.86	717309	20.0
Phenol, 4,4'-(1-m...	12.69	5.0 ng		180025	5	13.86	717309	20.0
Pentafluoropropio...	13.72	7.8 ng		280414	5	13.86	717309	20.0
Octacosane	14.03	3.6 ng		127832	5	13.86	717309	20.0
Tricosane	14.34	5.8 ng		207809	5	13.86	717309	20.0
Heptacosane	14.64	8.3 ng		282030	6	15.27	684000	20.0
Tetradecane, 3-me...	14.96	9.8 ng		334732	6	15.27	684000	20.0
Hexacosane	15.72	7.8 ng		267760	6	15.27	684000	20.0
Hentriacontane	16.19	5.0 ng		170059	6	15.27	684000	20.0