

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120104.D
 Acq On : 21 Apr 2020 16:08
 Operator : MA/SJ
 Sample : L2347-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

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	5.287	540	544	548	rBV	1897829	1793172	81.97%	9.142%
2	6.328	717	721	724	rBV	2141526	1808825	82.69%	9.222%
3	6.692	779	783	786	rBV	773751	696156	31.82%	3.549%
4	6.845	805	809	812	rBV	1874205	1508047	68.94%	7.688%
5	7.257	874	879	882	rBV	1346372	1204374	55.06%	6.140%
6	7.975	997	1001	1005	rBV	1130342	922197	42.16%	4.702%
7	9.057	1180	1185	1188	rBV	2797639	2187494	100.00%	11.152%
8	9.451	1249	1252	1255	rVB	384430	279380	12.77%	1.424%
9	9.733	1296	1300	1303	rBV	1307222	1015554	46.43%	5.178%
10	10.522	1430	1434	1437	rBV	1609683	1324356	60.54%	6.752%
11	11.216	1548	1552	1556	rBV	1212053	1055419	48.25%	5.381%
12	11.757	1640	1644	1653	rBV	334251	315794	14.44%	1.610%
13	12.539	1774	1777	1790	rBV	193898	216121	9.88%	1.102%
14	12.810	1818	1823	1826	rBV	2379082	2157655	98.64%	11.000%
15	13.721	1973	1978	1992	rBV2	115354	218825	10.00%	1.116%
16	13.857	1997	2001	2004	rBV	916903	795358	36.36%	4.055%
17	14.033	2028	2031	2035	rBV	123677	107340	4.91%	0.547%
18	14.339	2079	2083	2087	rBV	211015	196669	8.99%	1.003%
19	14.615	2127	2130	2131	rBV	54732	48865	2.23%	0.249%
20	14.639	2131	2134	2138	rVB	264481	253193	11.57%	1.291%
21	14.868	2171	2173	2180	rVB3	16518	27872	1.27%	0.142%
22	14.957	2183	2188	2193	rBV	242441	261705	11.96%	1.334%
23	15.274	2237	2242	2245	rBV	559517	644012	29.44%	3.283%
24	15.310	2245	2248	2254	rVB	194448	246178	11.25%	1.255%
25	15.721	2312	2318	2324	rBV	125164	180176	8.24%	0.919%
26	16.186	2392	2397	2404	rVB	59672	97906	4.48%	0.499%
27	16.739	2482	2491	2498	rBV6	22298	52082	2.38%	0.266%

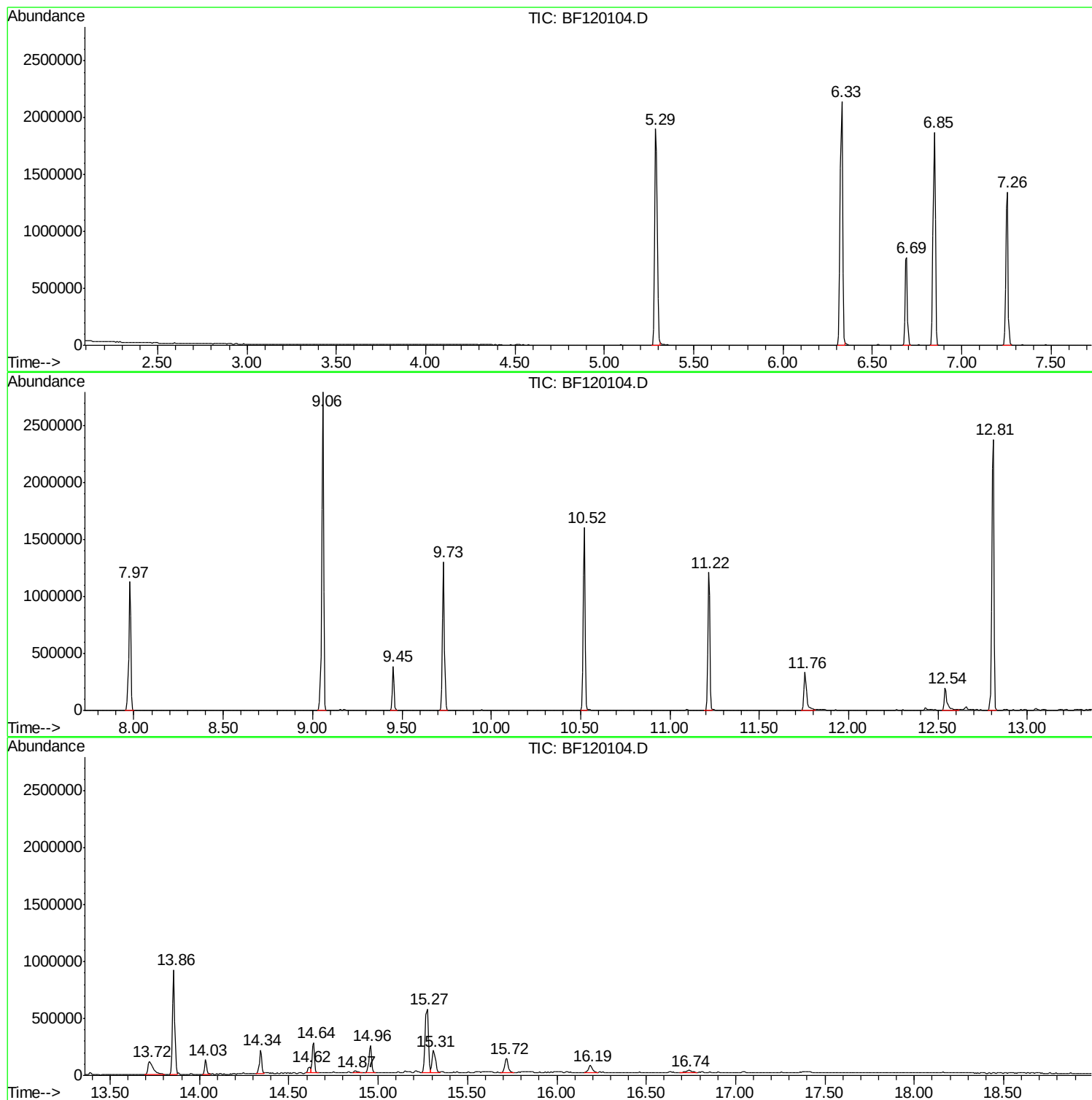
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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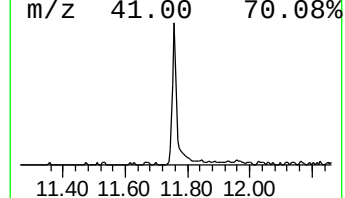
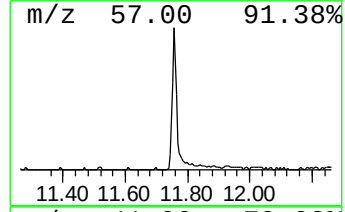
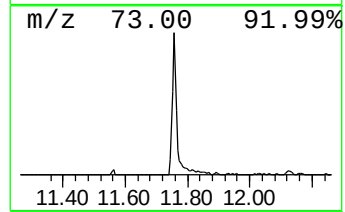
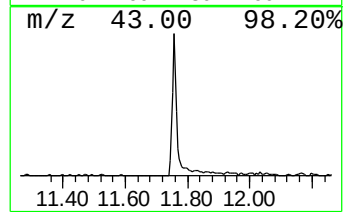
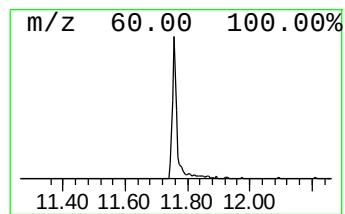
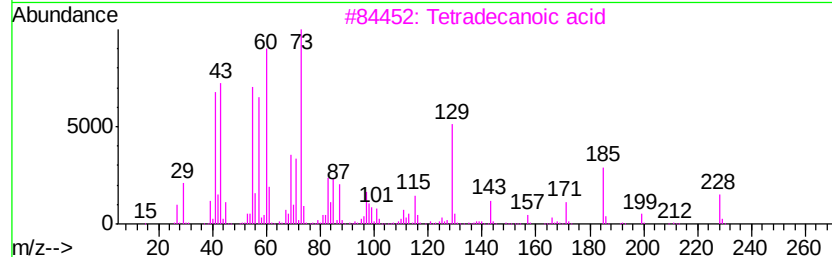
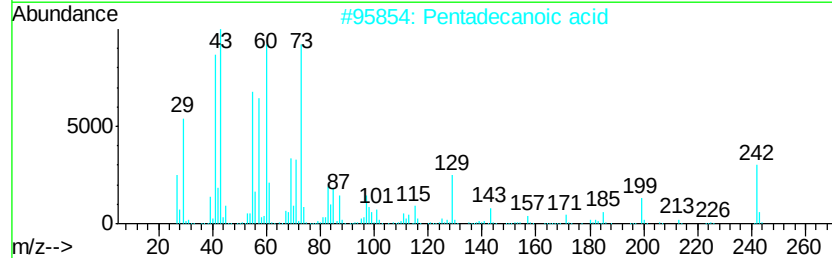
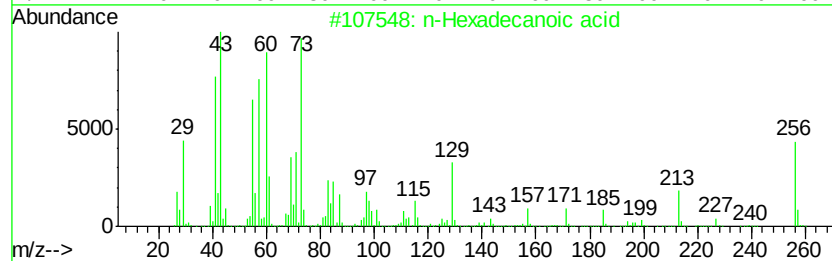
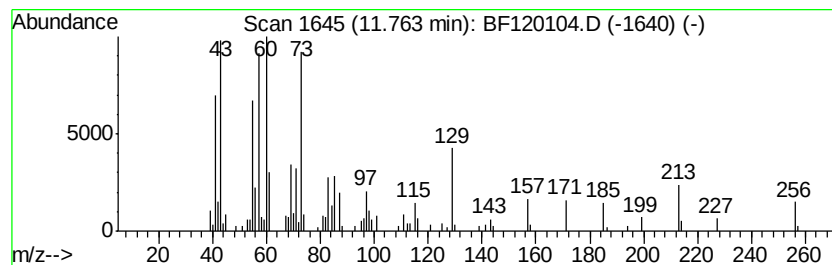
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.98 ng	315794	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60



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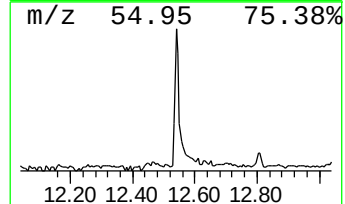
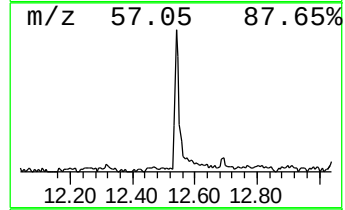
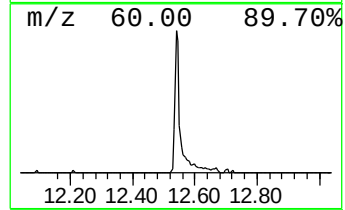
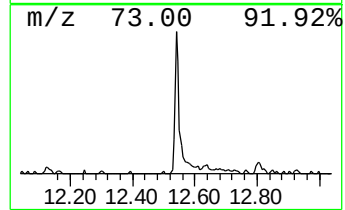
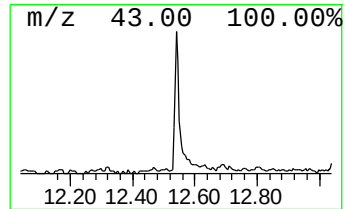
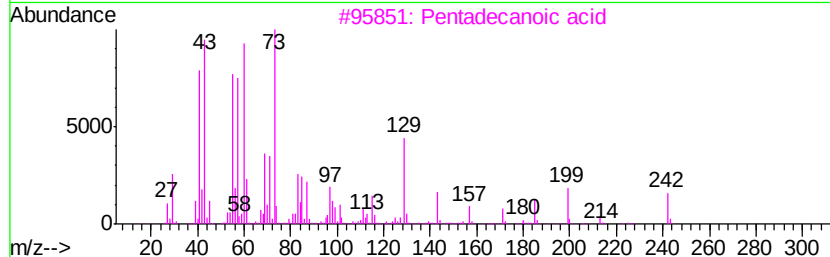
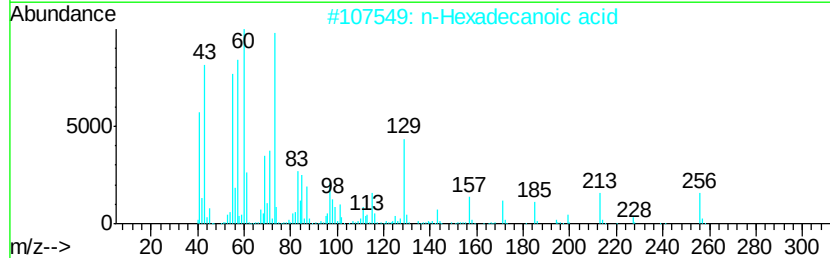
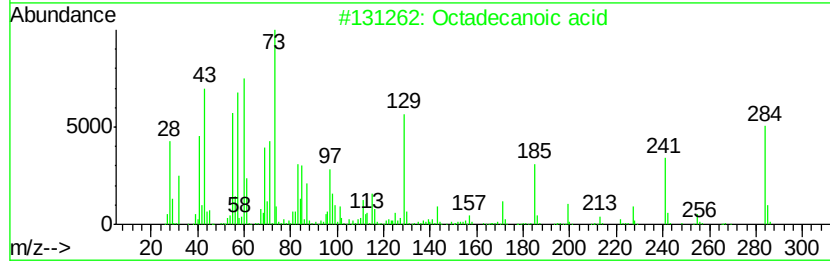
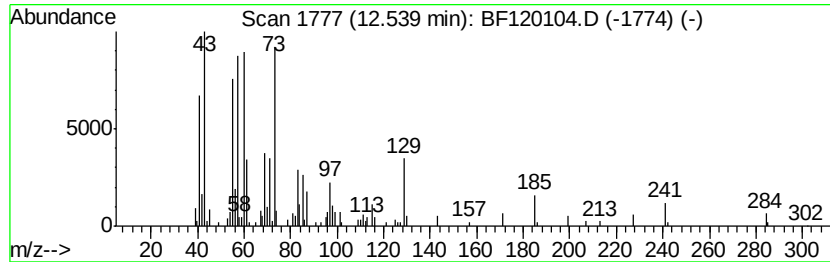
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Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.54	5.43 ng	216121	Chrysene-d12		13.86		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



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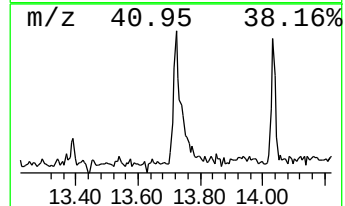
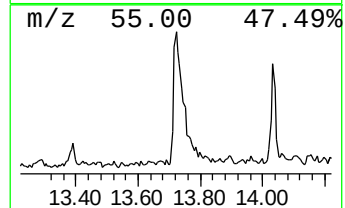
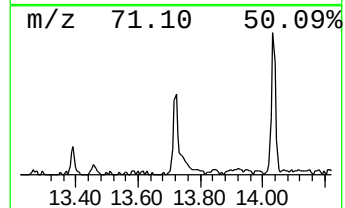
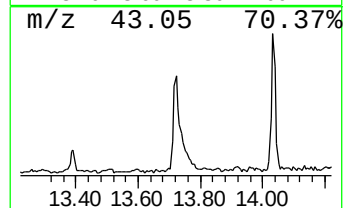
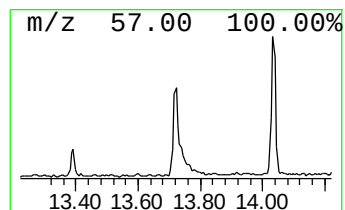
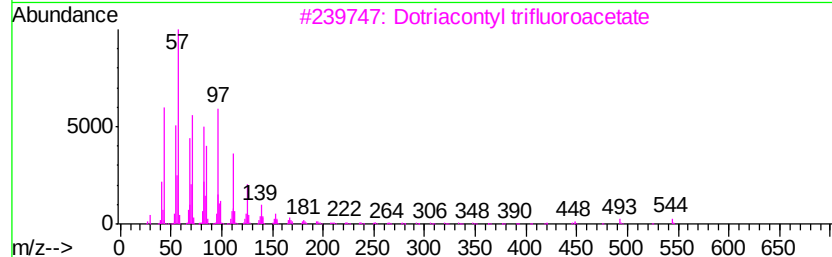
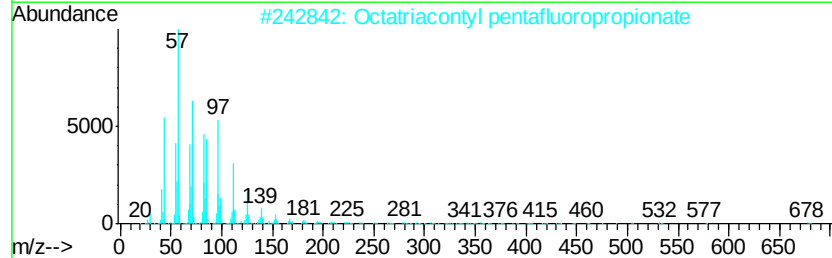
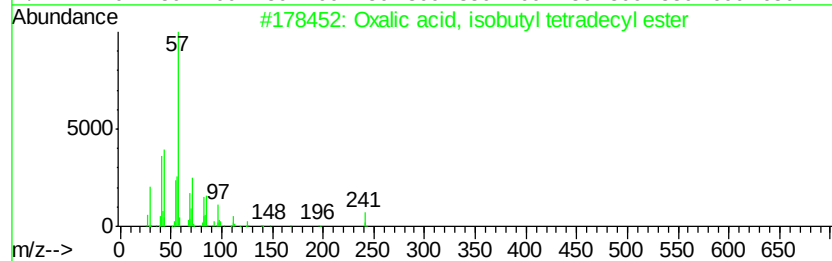
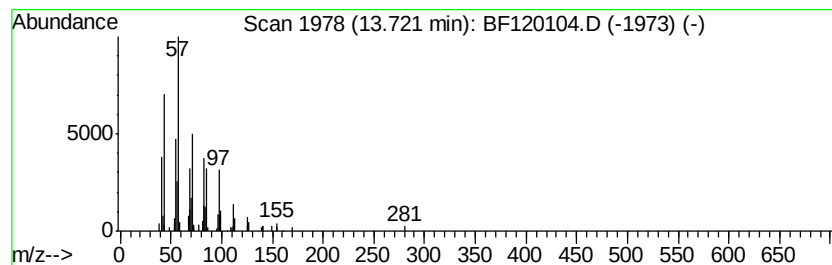
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Peak Number 4 Oxalic acid, isobutyl tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.50 ng	218825	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3		Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	90
4		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	90
5		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	90



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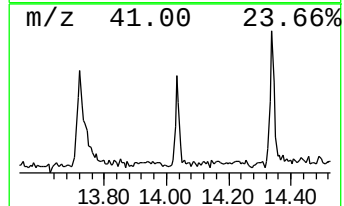
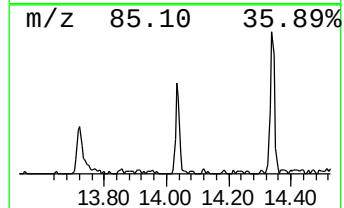
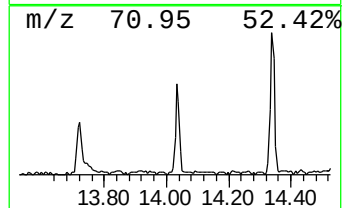
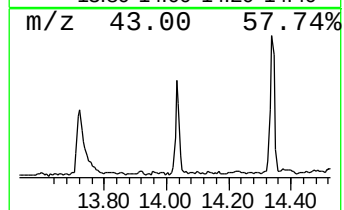
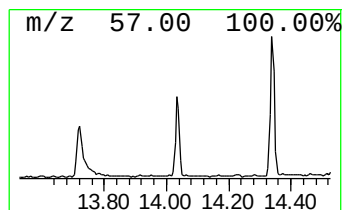
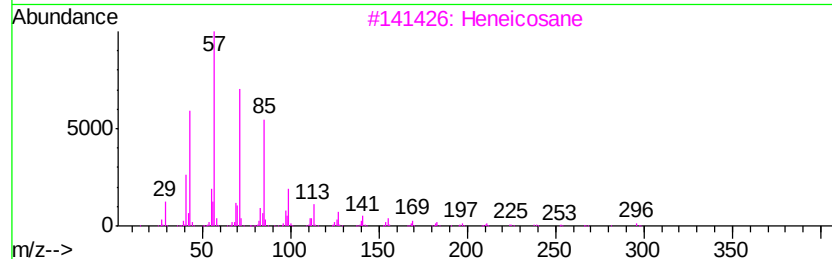
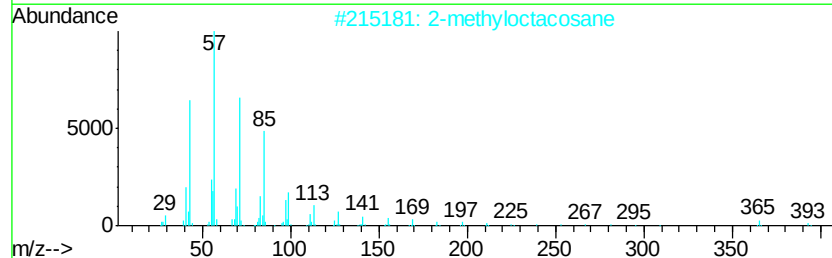
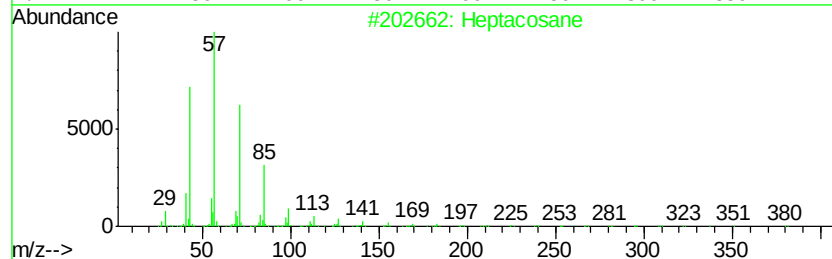
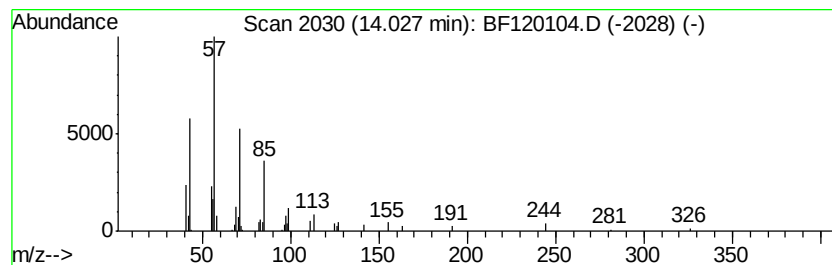
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 Peak Number 5 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.70 ng	107340	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Eicosane		282	C20H42	000112-95-8	90



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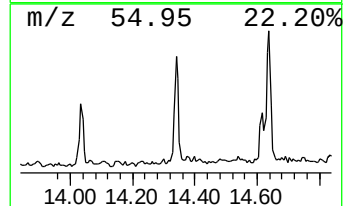
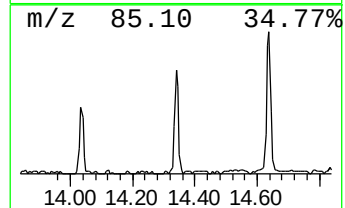
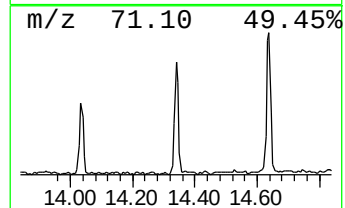
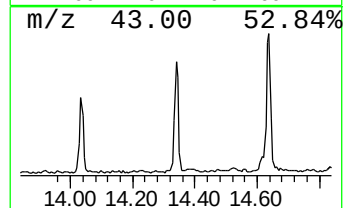
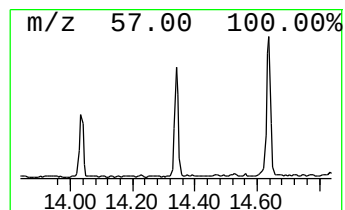
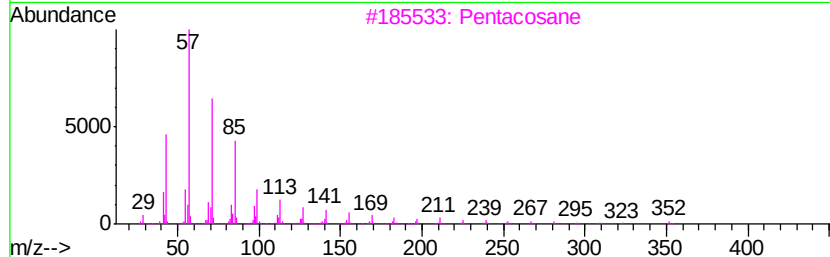
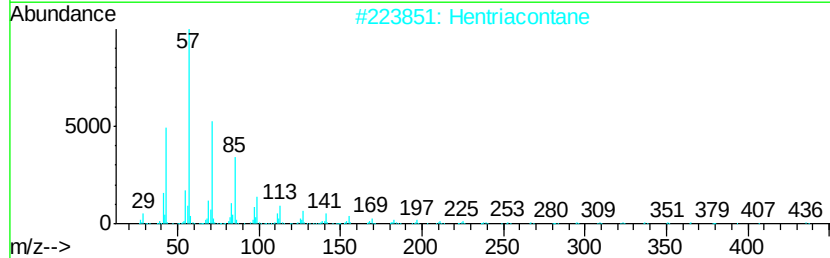
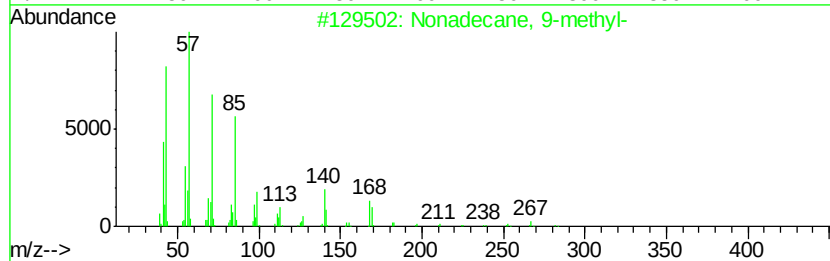
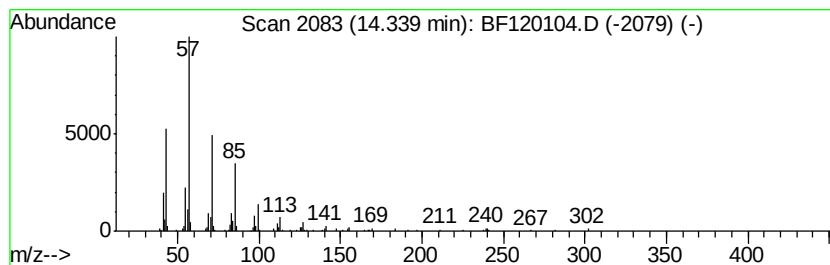
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Peak Number 6 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	4.95 ng	196669	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Pentacosane	352	C25H52	000629-99-2	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Heneicosane	296	C21H44	000629-94-7	87



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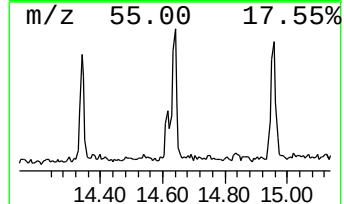
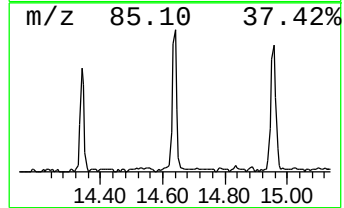
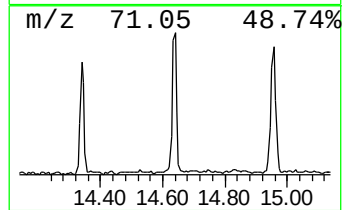
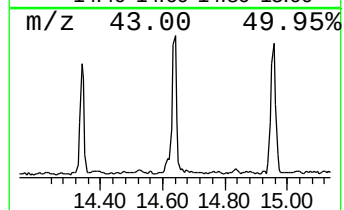
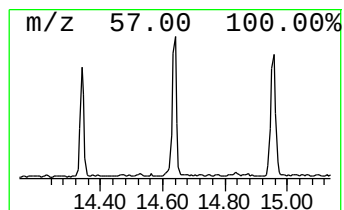
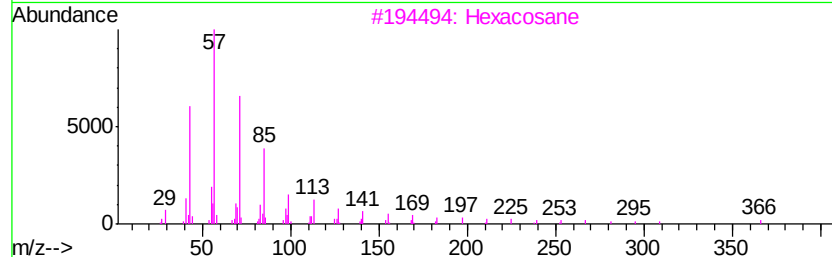
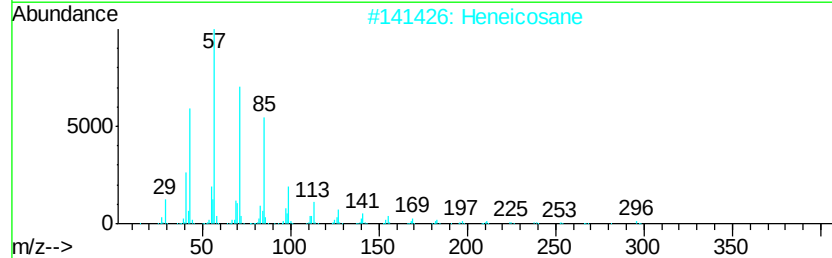
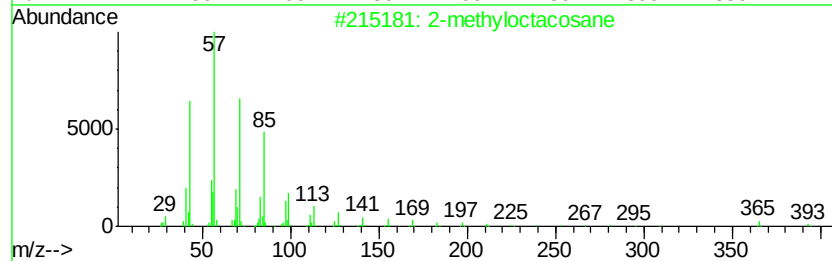
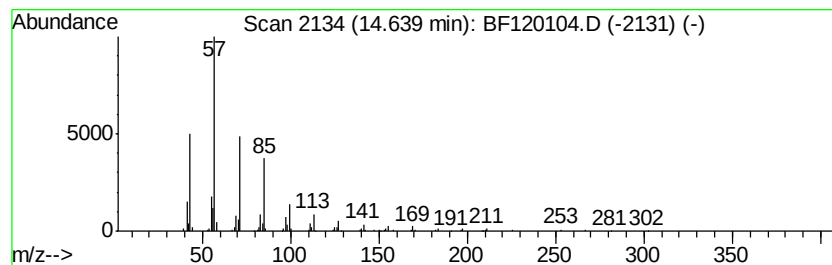
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.86 ng	253193	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120104.D
Acq On : 21 Apr 2020 16:08
Operator : MA/SJ
Sample : L2347-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

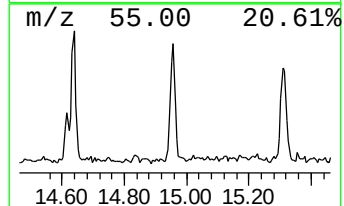
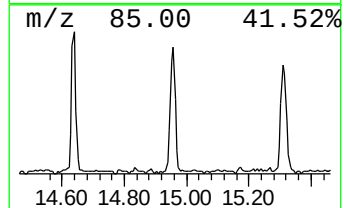
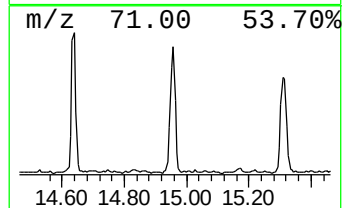
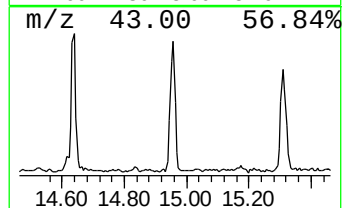
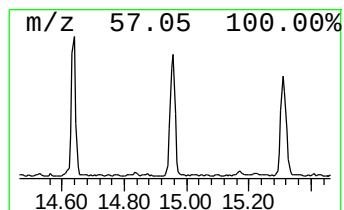
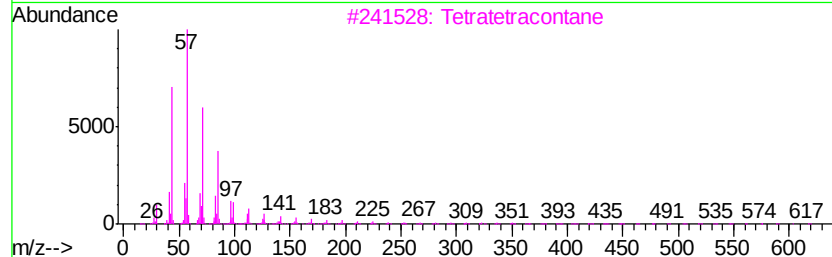
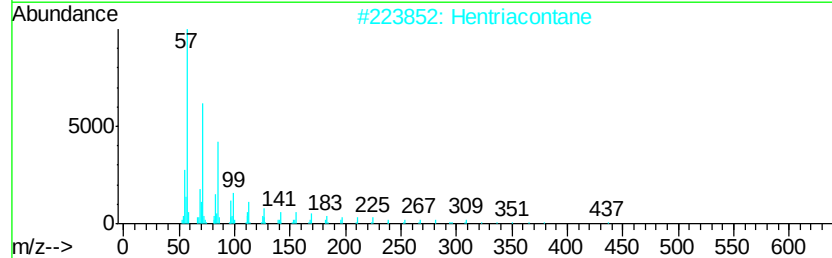
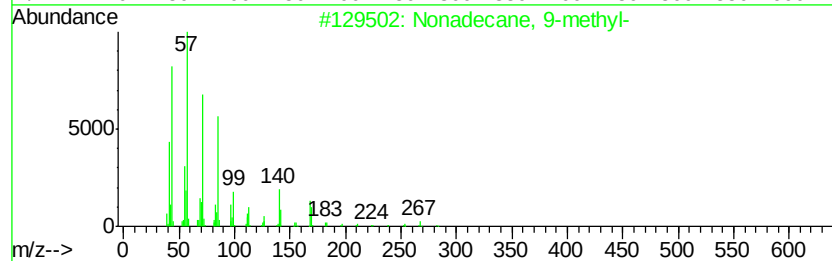
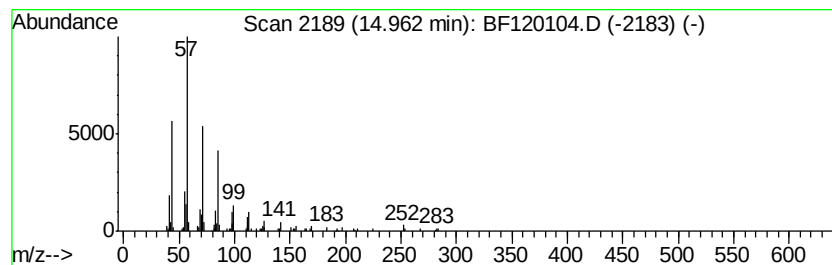
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.96	8.13 ng	261705	Perylene-d12		15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	93
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120104.D
Acq On : 21 Apr 2020 16:08
Operator : MA/SJ
Sample : L2347-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

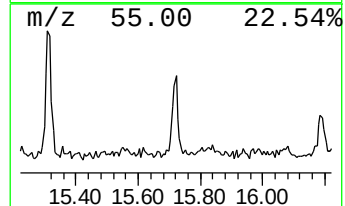
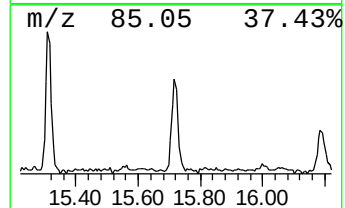
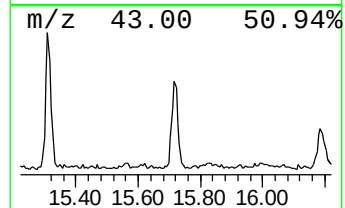
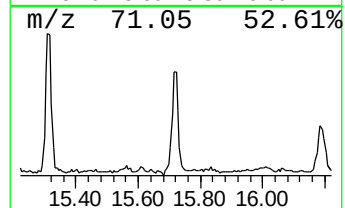
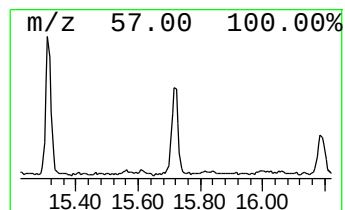
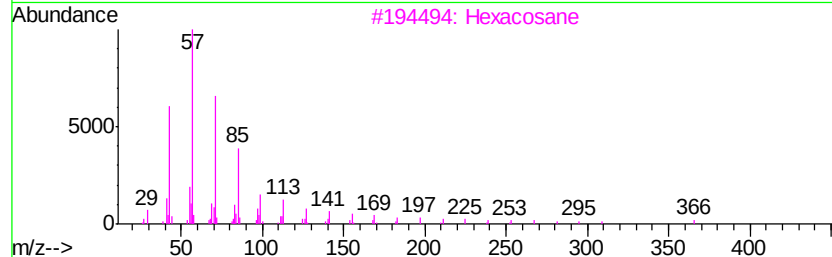
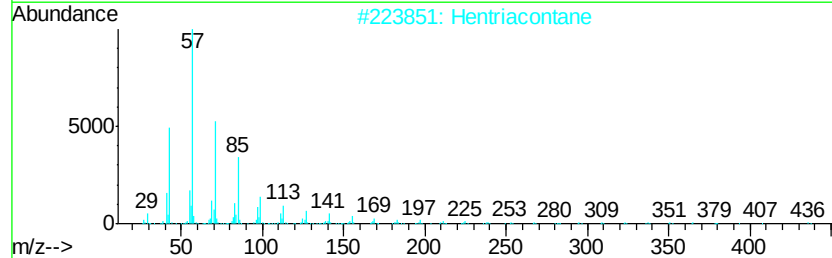
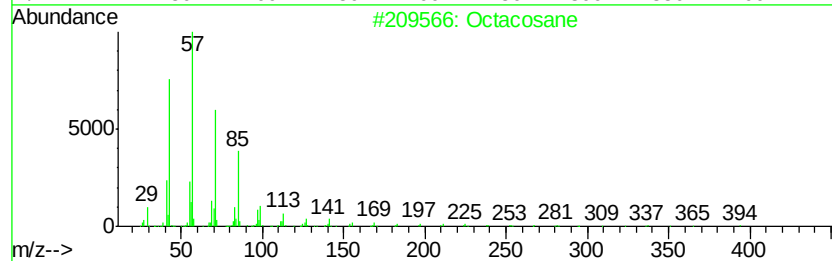
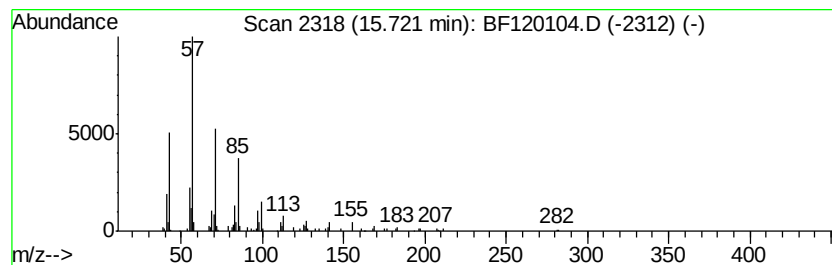
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.60 ng	180176	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120104.D
Acq On : 21 Apr 2020 16:08
Operator : MA/SJ
Sample : L2347-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

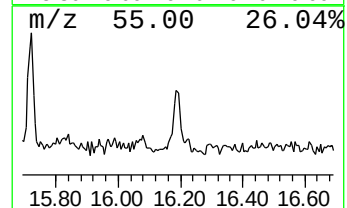
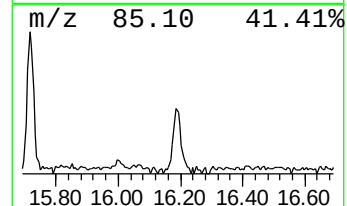
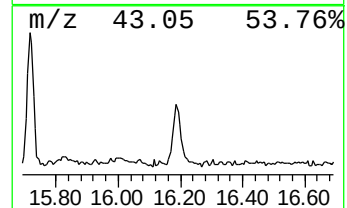
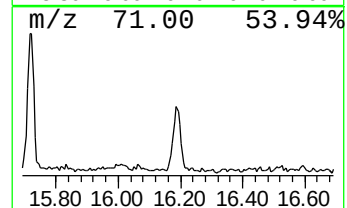
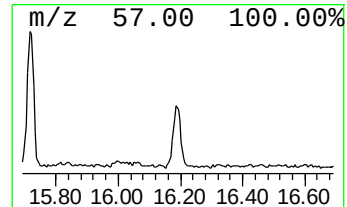
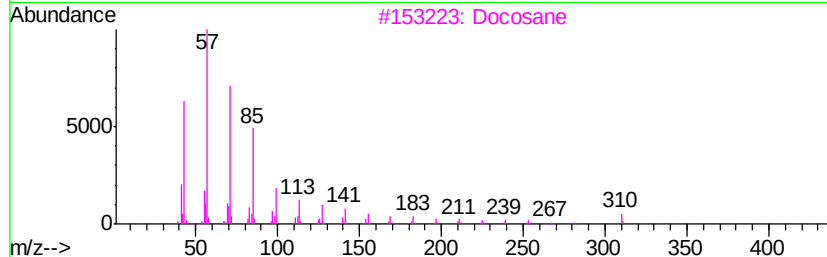
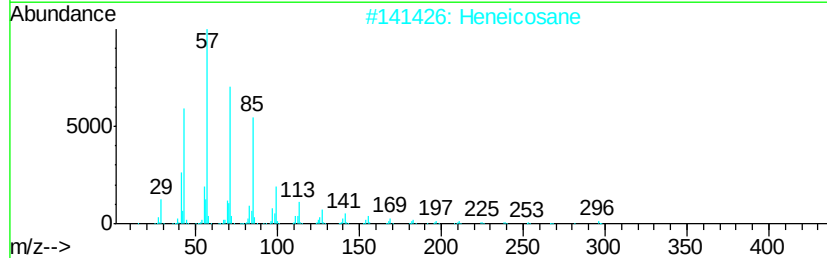
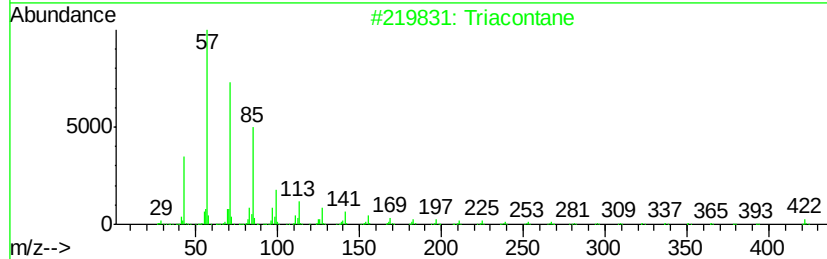
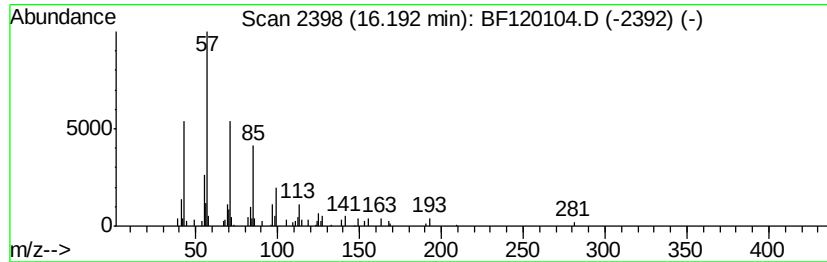
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.04 ng	97906	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	86
2			Heneicosane	296	C21H44	000629-94-7	83
3			Docosane	310	C22H46	000629-97-0	80
4			Pentacosane	352	C25H52	000629-99-2	80
5			Hexacosane	366	C26H54	000630-01-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
Data File : BF120104.D
Acq On : 21 Apr 2020 16:08
Operator : MA/SJ
Sample : L2347-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

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	12.54	5.4	ng	216121	5	13.86	795358	20.0
Oxalic acid, isob...	13.72	5.5	ng	218825	5	13.86	795358	20.0
Heptacosane	14.03	2.7	ng	107340	5	13.86	795358	20.0
Hentriacontane	14.34	5.0	ng	196669	5	13.86	795358	20.0
2-methyloctacosane	14.64	7.9	ng	253193	6	15.27	644012	20.0
Nonadecane, 9-met...	14.96	8.1	ng	261705	6	15.27	644012	20.0
Octacosane	15.72	5.6	ng	180176	6	15.27	644012	20.0
Triacontane	16.19	3.0	ng	97906	6	15.27	644012	20.0