

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119798.D
 Acq On : 7 Apr 2020 4:00
 Operator : MA/SJ
 Sample : L2135-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4I-(0-2)

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-BF031820.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	5.010	493	497	506	rVB	63988	91329	1.29%	0.173%
2	5.398	557	563	566	rBV	6003664	6254331	88.60%	11.842%
3	6.416	729	736	739	rBV	5137003	6242543	88.44%	11.819%
4	6.781	794	798	801	rBV	1420718	1129707	16.00%	2.139%
5	6.940	820	825	828	rBV	5528750	4865922	68.93%	9.213%
6	7.345	888	894	897	rBV	3640540	4160479	58.94%	7.877%
7	8.069	1012	1017	1020	rBV	1526656	1470776	20.84%	2.785%
8	9.151	1195	1201	1204	rBV	6580282	7058840	100.00%	13.365%
9	9.539	1262	1267	1270	rBV	889637	692340	9.81%	1.311%
10	9.822	1310	1315	1319	rBV	1823601	1685914	23.88%	3.192%
11	10.616	1444	1450	1453	rBV	4772160	4817982	68.25%	9.122%
12	11.310	1563	1568	1571	rBV	2152329	1780764	25.23%	3.372%
13	11.845	1655	1659	1671	rBV	815241	774896	10.98%	1.467%
14	12.633	1789	1793	1805	rBV	342979	398786	5.65%	0.755%
15	12.904	1834	1839	1843	rBV	6224369	6872174	97.36%	13.011%
16	13.810	1989	1993	2006	rBV	269123	400307	5.67%	0.758%
17	13.951	2013	2017	2021	rBV	1790456	1580531	22.39%	2.993%
18	14.127	2043	2047	2051	rBV	121315	116876	1.66%	0.221%
19	14.433	2095	2099	2102	rBV	157946	153636	2.18%	0.291%
20	14.733	2147	2150	2156	rVB	193115	174420	2.47%	0.330%
21	15.063	2202	2206	2211	rBV	149834	177543	2.52%	0.336%
22	15.398	2257	2263	2267	rBV	1244330	1502830	21.29%	2.845%
23	15.439	2267	2270	2277	rVB	144293	172862	2.45%	0.327%
24	15.863	2337	2342	2350	rVB2	98691	139320	1.97%	0.264%
25	16.357	2420	2426	2432	rVB2	58502	101136	1.43%	0.191%

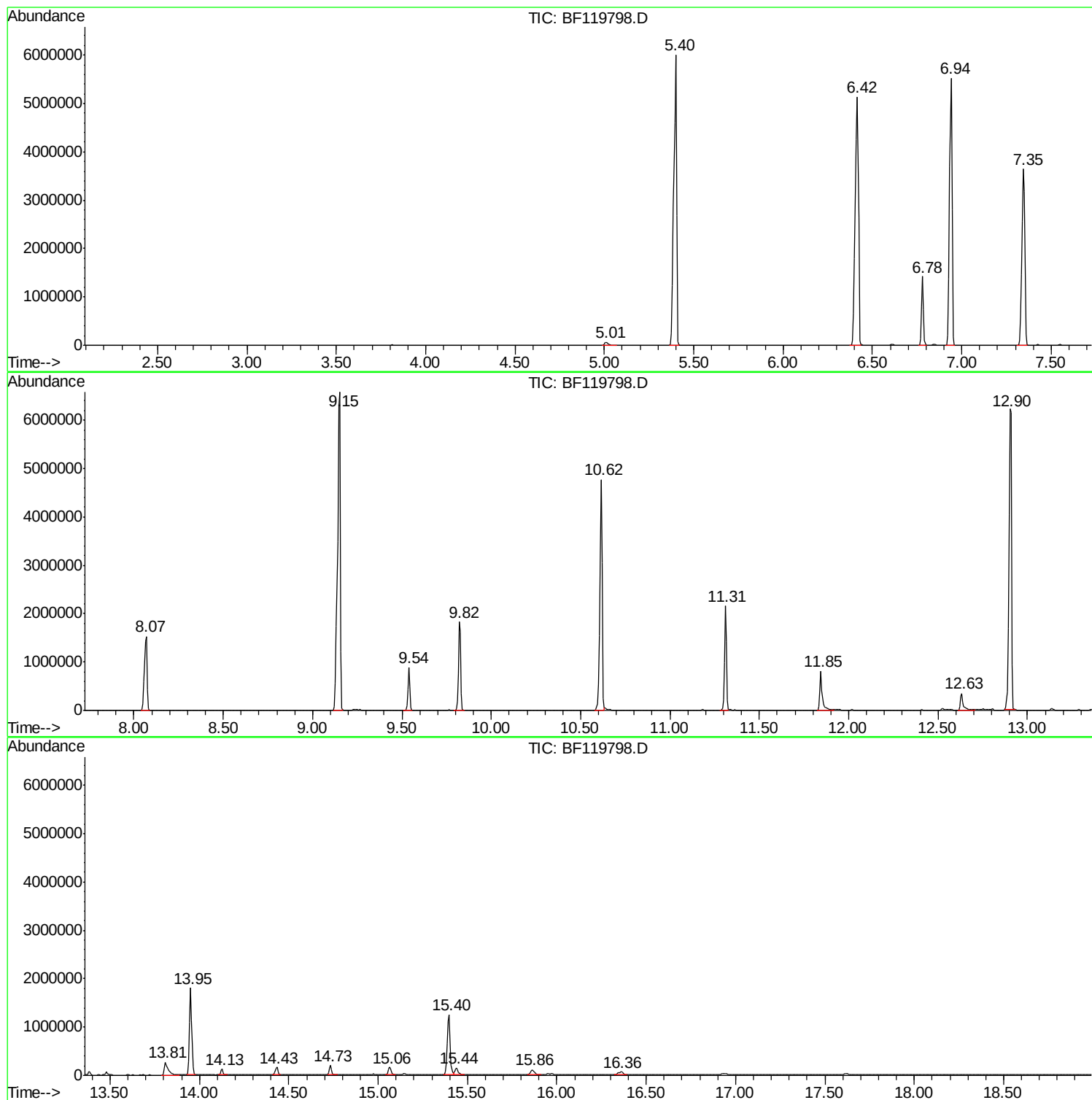
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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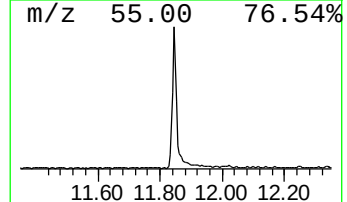
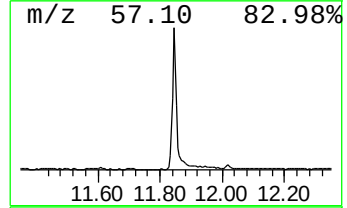
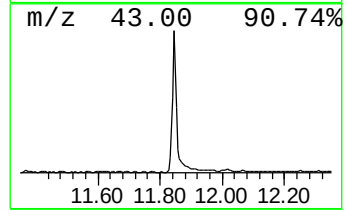
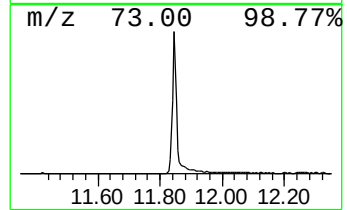
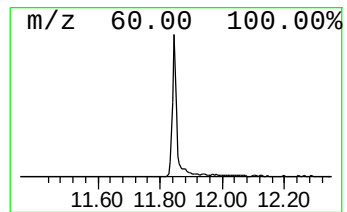
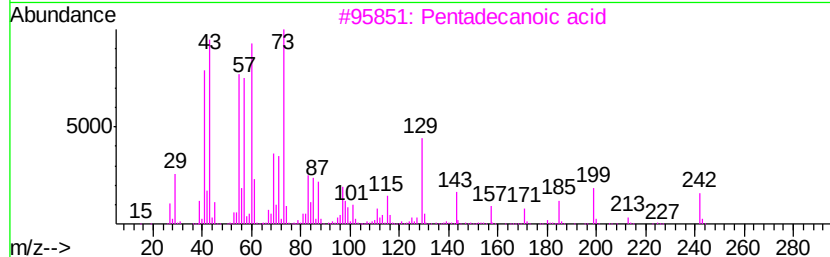
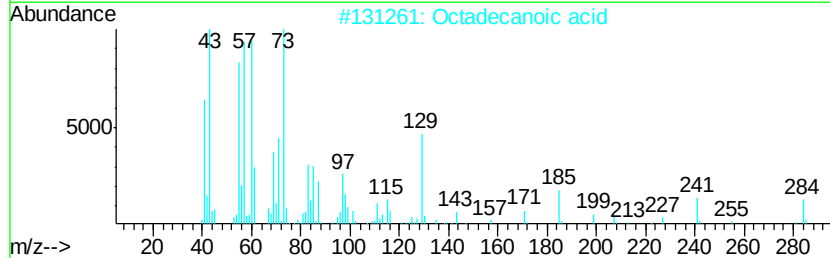
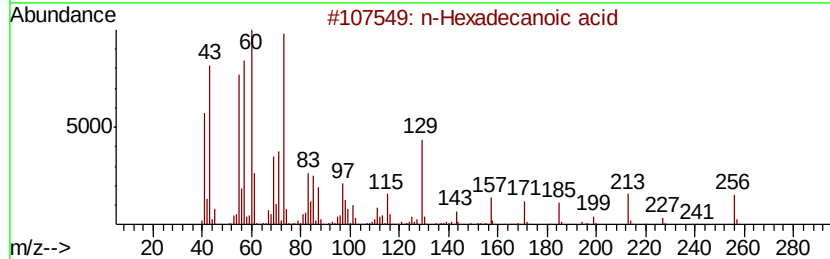
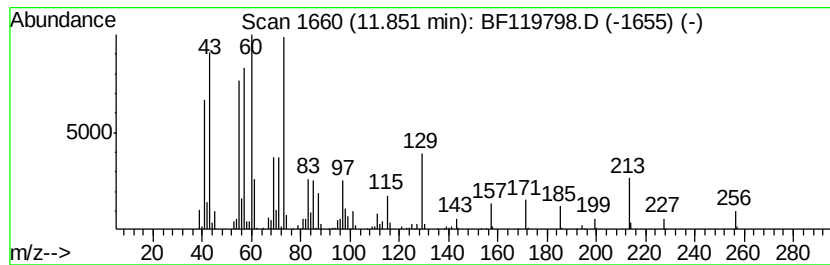
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	8.70 ng	774896	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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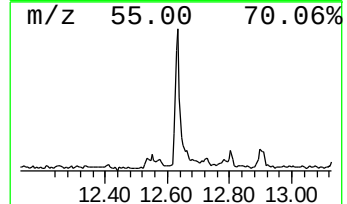
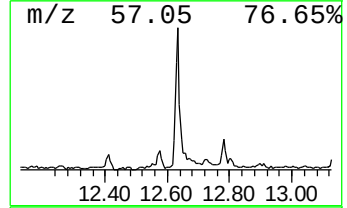
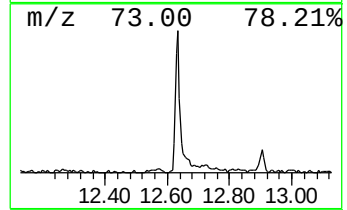
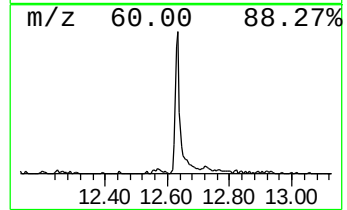
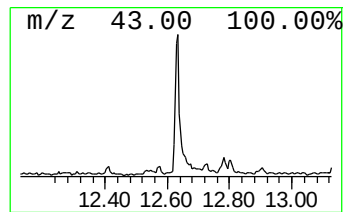
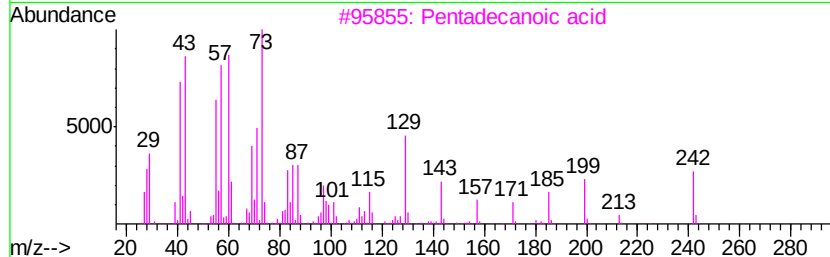
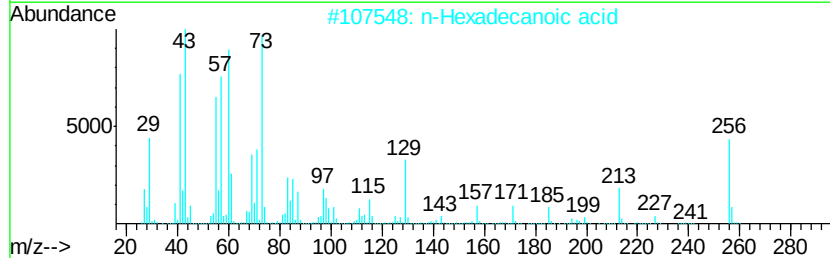
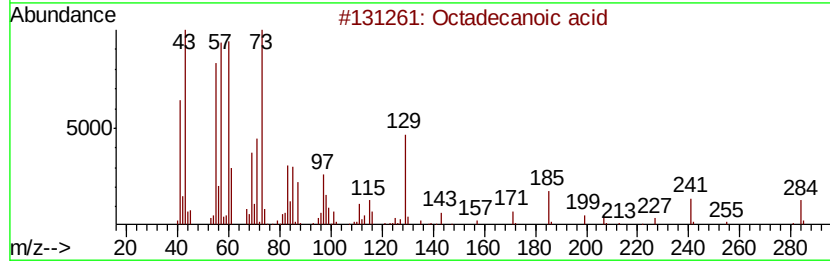
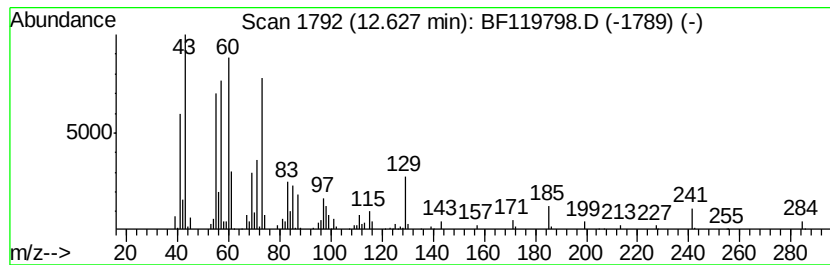
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.63	5.05 ng	398786	Chrysene-d12		13.95
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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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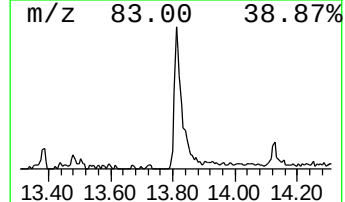
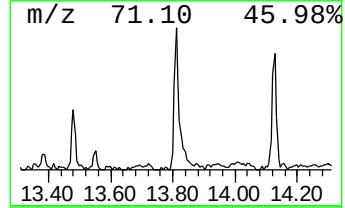
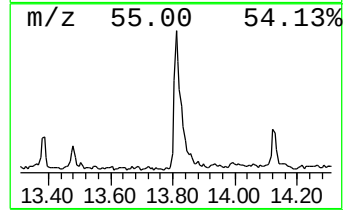
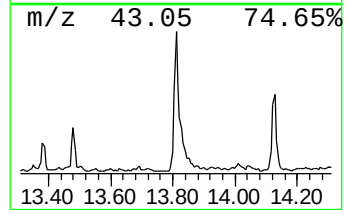
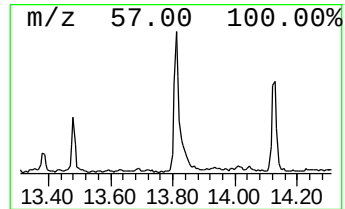
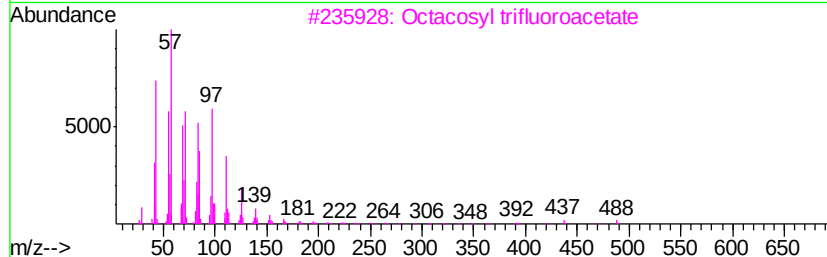
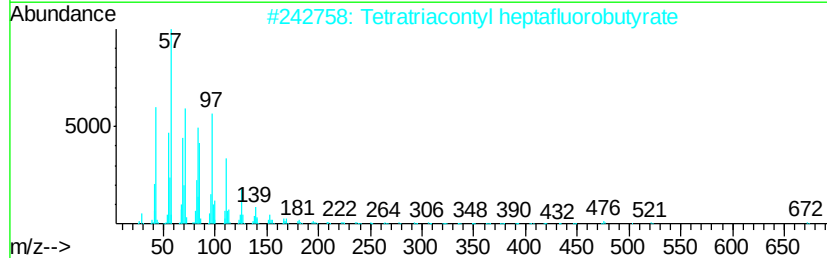
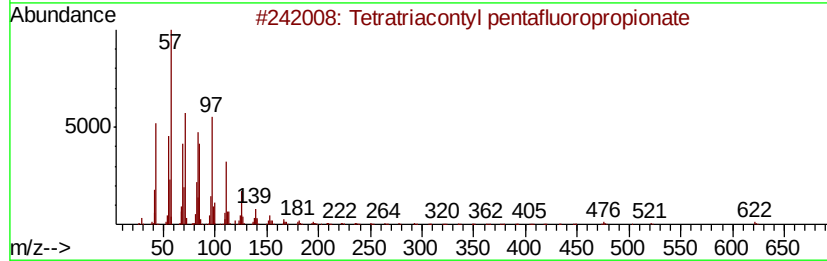
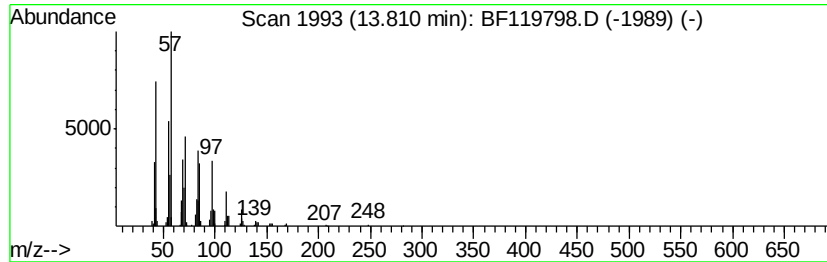
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetratriacontyl pentafluoro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.07 ng	400307	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
2		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4		Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
5		Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	91



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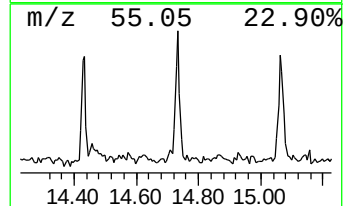
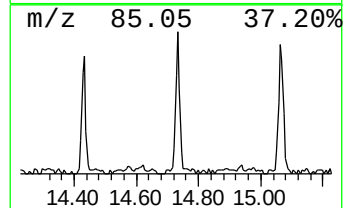
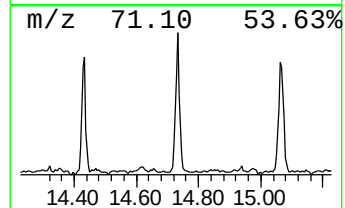
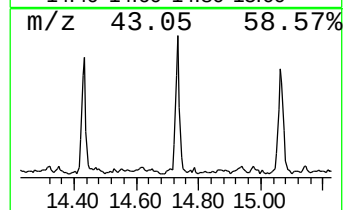
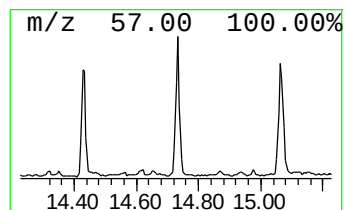
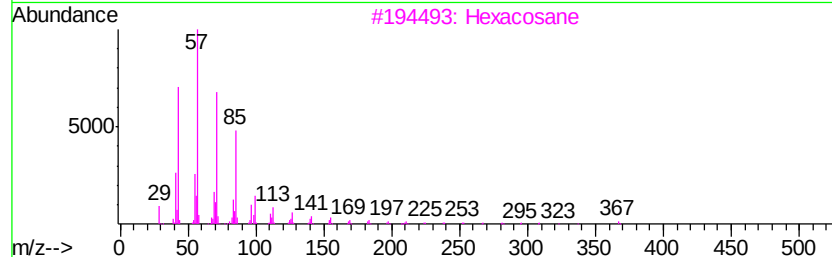
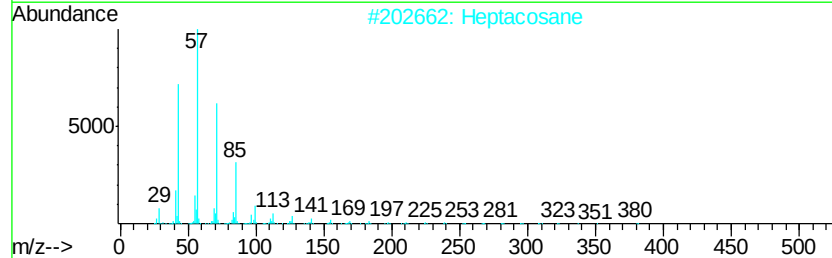
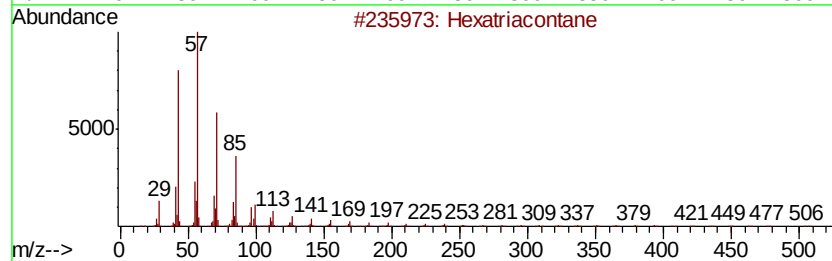
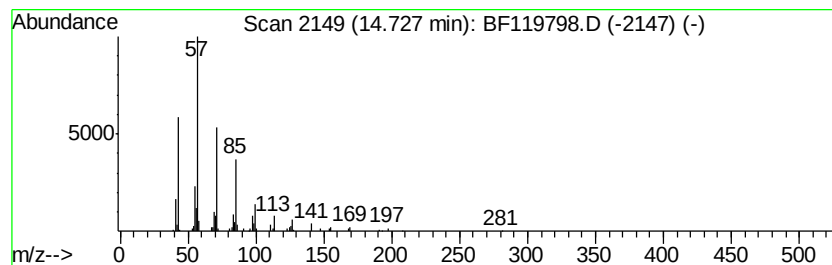
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.32 ng	174420	Perylene-d12	15.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane		507	C36H74	000630-06-8	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hentriacontane		437	C31H64	000630-04-6	90



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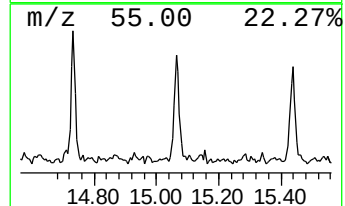
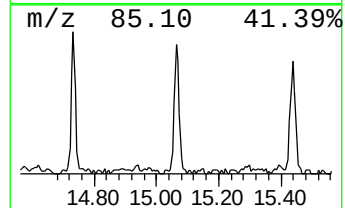
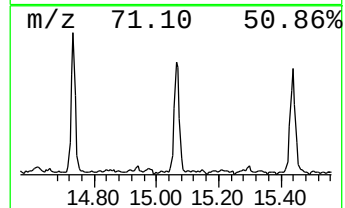
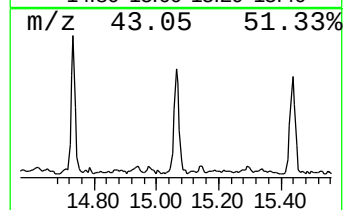
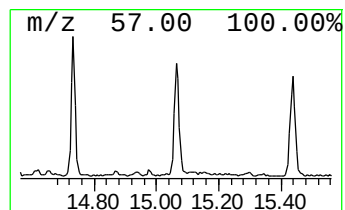
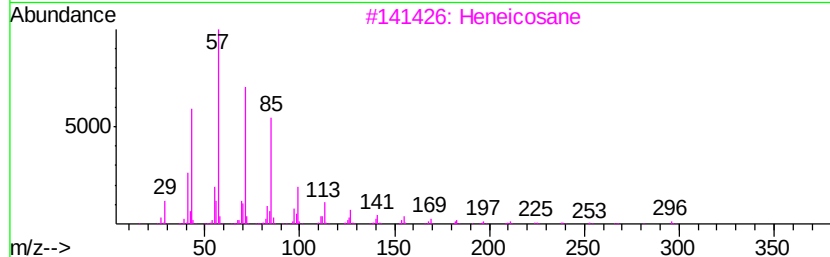
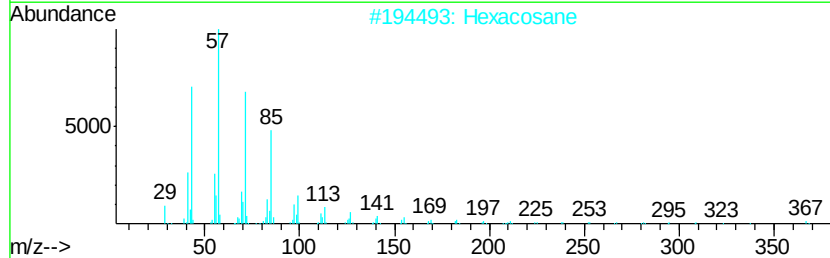
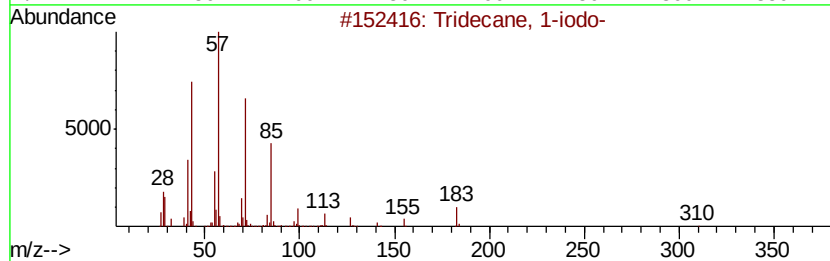
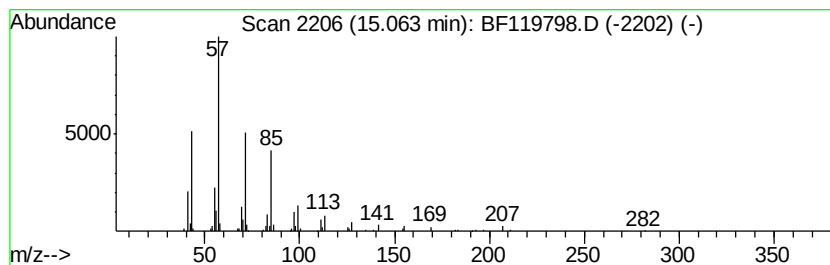
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.06	2.36 ng	177543	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	78
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78



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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	11.85	8.7	ng	774896	4	11.31	1780760	20.0
Octadecanoic acid	12.63	5.0	ng	398786	5	13.95	1580530	20.0
Tetratriacontyl p...	13.81	5.1	ng	400307	5	13.95	1580530	20.0
Hexatriacontane	14.73	2.3	ng	174420	6	15.40	1502830	20.0
Tridecane, 1-iodo-	15.06	2.4	ng	177543	6	15.40	1502830	20.0