

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113517.D
 Acq On : 2 Apr 2019 20:42
 Operator : JU/SJ
 Sample : K2180-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

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-BF032519.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	5.310	544	548	571	rBV	3386949	3742658	95.16%	10.444%
2	6.345	719	724	727	rBV	3378290	3893017	98.99%	10.864%
3	6.469	740	745	748	rBV	4033880	3837820	97.58%	10.710%
4	6.692	779	783	791	rBV	1019312	890381	22.64%	2.485%
5	6.851	805	810	813	rBV	3063072	2899974	73.74%	8.092%
6	7.257	874	879	882	rBV	2481199	2458805	62.52%	6.861%
7	7.975	997	1001	1012	rBV	1183603	1140364	29.00%	3.182%
8	8.745	1128	1132	1145	rVB2	16317	44082	1.12%	0.123%
9	9.045	1179	1183	1186	rBV	4338911	3932879	100.00%	10.975%
10	9.439	1246	1250	1254	rBV	311464	272854	6.94%	0.761%
11	9.716	1294	1297	1304	rVB	1316394	1219277	31.00%	3.402%
12	10.157	1369	1372	1375	rBV	63458	47391	1.20%	0.132%
13	10.510	1427	1432	1435	rBV	2746211	2612040	66.42%	7.289%
14	10.628	1449	1452	1454	rBV	73294	75449	1.92%	0.211%
15	11.198	1545	1549	1552	rBV	1382341	1140989	29.01%	3.184%
16	11.733	1637	1640	1651	rBV	334462	417461	10.61%	1.165%
17	12.410	1751	1755	1757	rBV	87086	89650	2.28%	0.250%
18	12.516	1768	1773	1784	rBV3	82569	138569	3.52%	0.387%
19	12.633	1786	1793	1796	rBV	85323	86469	2.20%	0.241%
20	12.780	1813	1818	1821	rBV	3391806	3185920	81.01%	8.890%
21	13.016	1853	1858	1864	rBV3	37098	55367	1.41%	0.155%
22	13.686	1968	1972	1990	rBV3	172288	485890	12.35%	1.356%
23	13.827	1992	1996	1999	rBV	1160883	1024301	26.04%	2.858%
24	13.998	2022	2025	2028	rVB	76403	65234	1.66%	0.182%
25	14.304	2074	2077	2080	rVB	94083	87192	2.22%	0.243%
26	14.592	2123	2126	2130	rBV	111171	115953	2.95%	0.324%
27	14.839	2164	2168	2171	rBV	69662	101830	2.59%	0.284%
28	14.904	2175	2179	2183	rVV	123462	136938	3.48%	0.382%
29	15.115	2212	2215	2221	rVB	36951	46227	1.18%	0.129%
30	15.174	2222	2225	2229	rVB	52263	55732	1.42%	0.156%
31	15.233	2230	2235	2250	rVB	908965	1240940	31.55%	3.463%
32	15.651	2301	2306	2311	rBV	99173	139473	3.55%	0.389%
33	16.104	2379	2383	2388	rBV	60763	95159	2.42%	0.266%
34	16.639	2470	2474	2480	rVB5	30800	59192	1.51%	0.165%

LSC Area Percent Report

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Sample : K2180-15
Misc :
ALS Vial : 18 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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

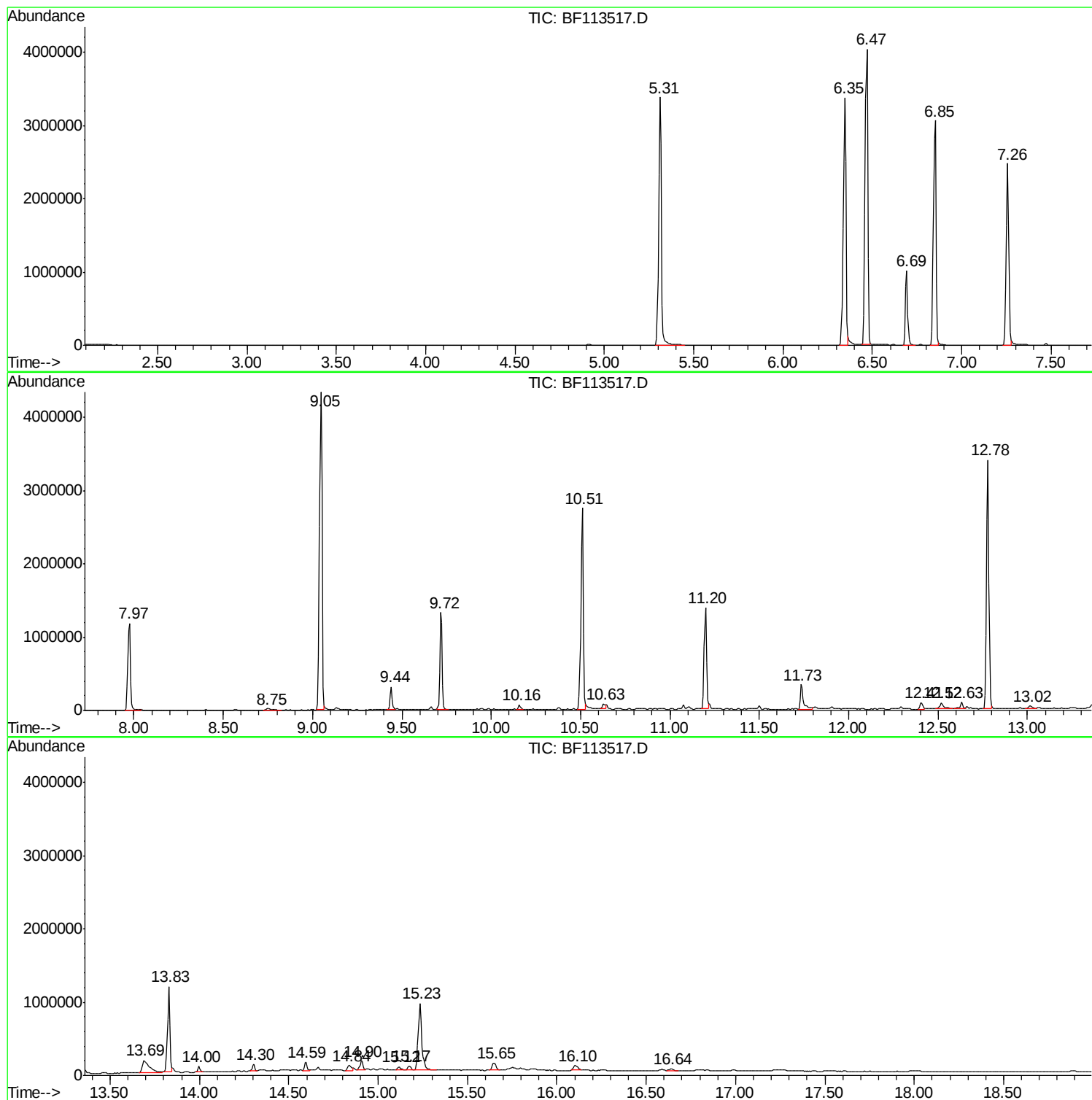
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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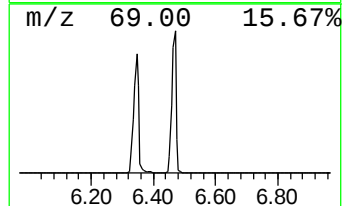
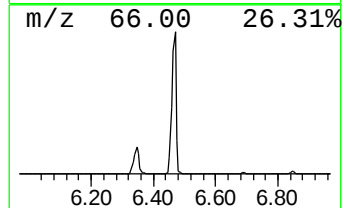
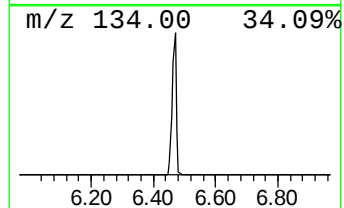
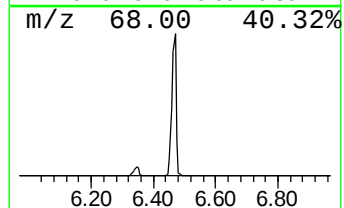
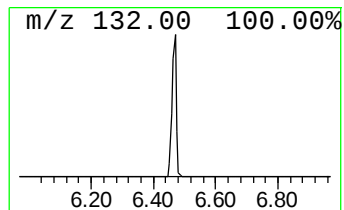
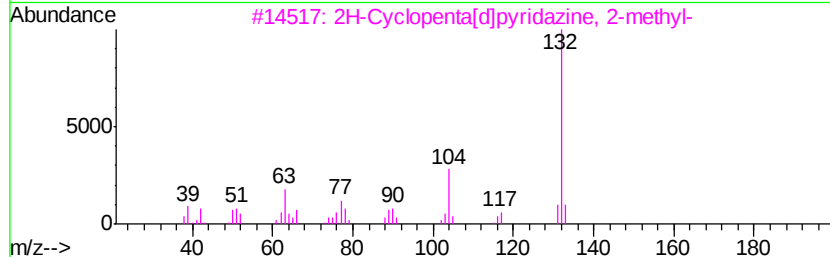
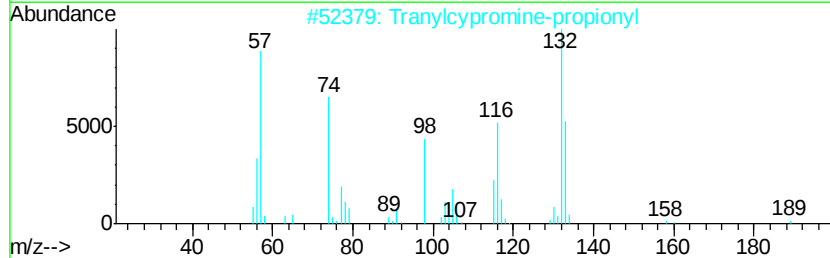
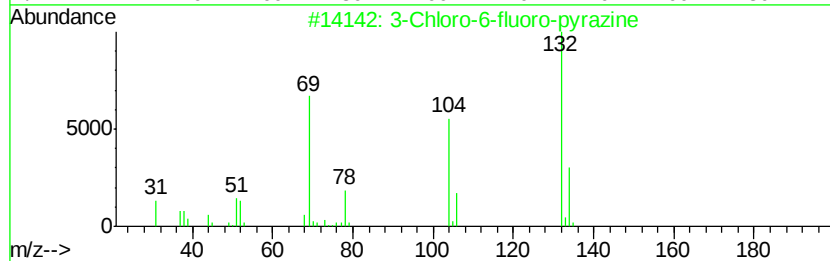
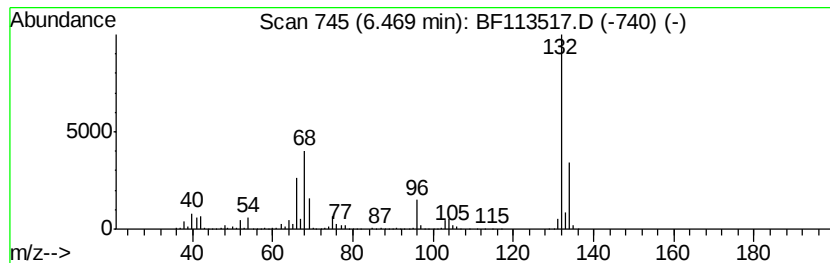
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	86.21 ng	3837820	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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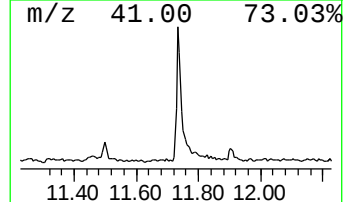
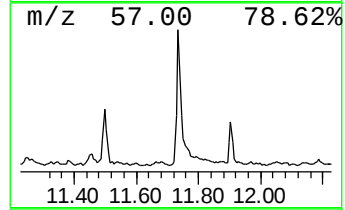
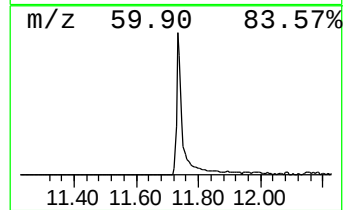
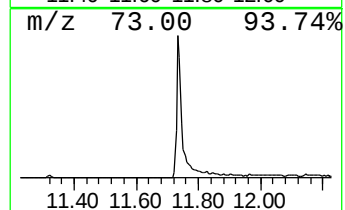
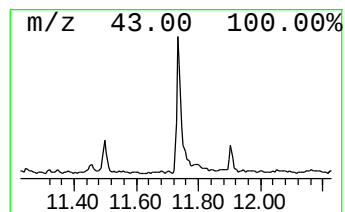
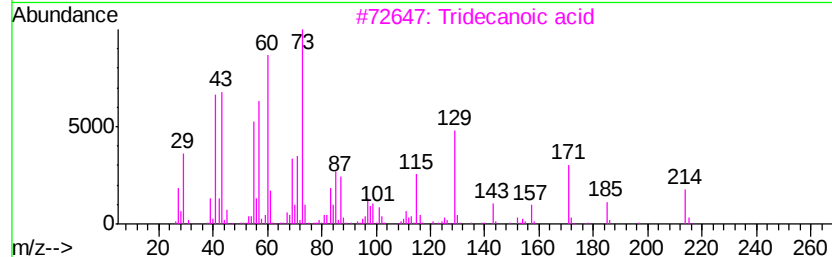
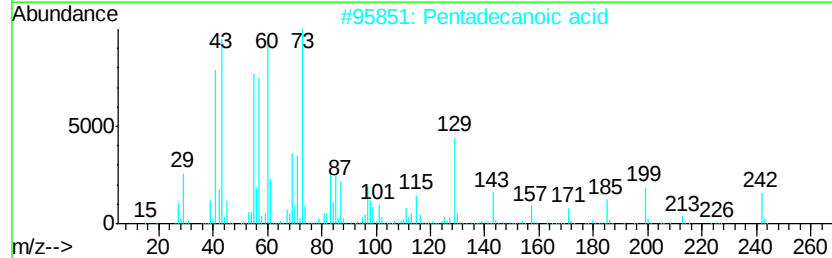
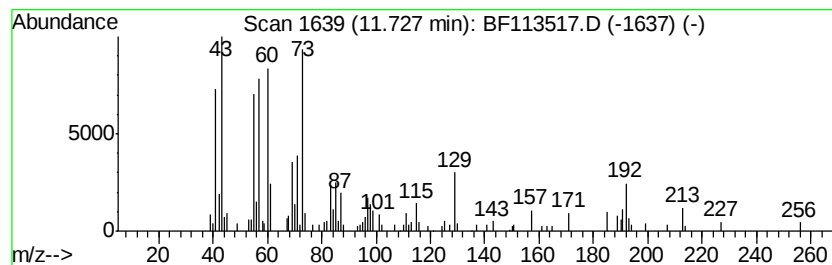
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.32 ng	417461	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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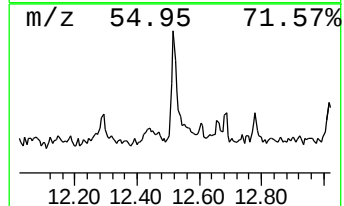
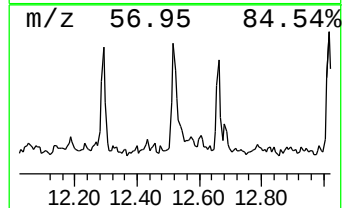
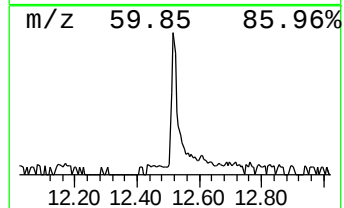
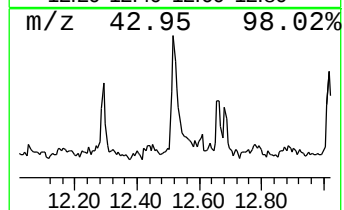
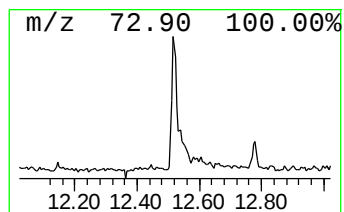
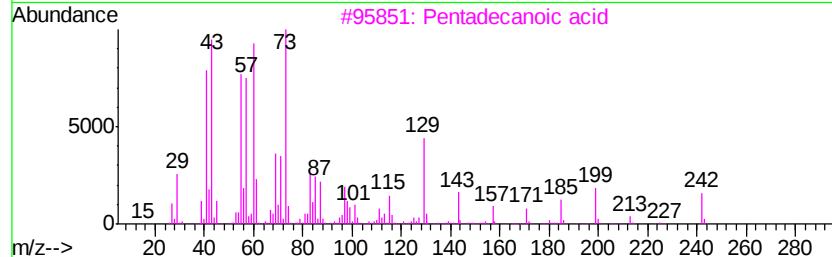
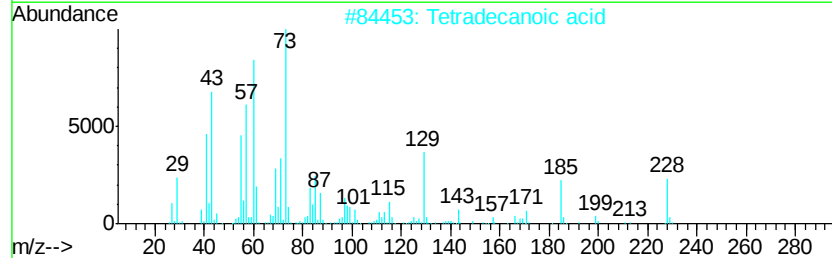
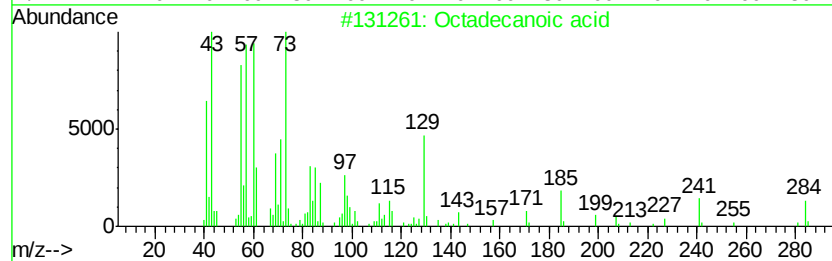
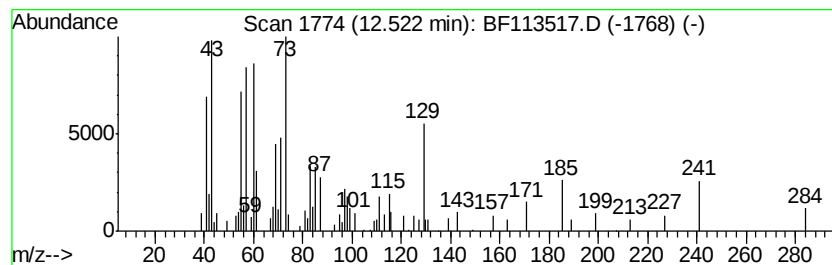
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.71 ng	138569	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	25



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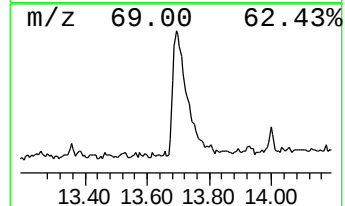
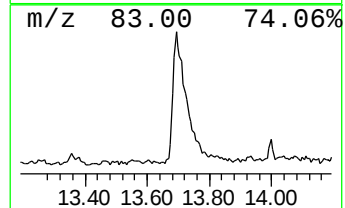
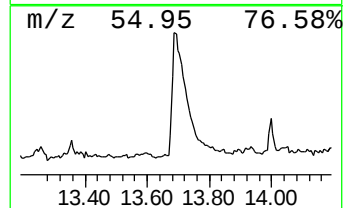
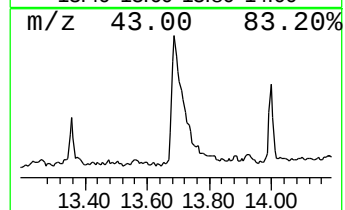
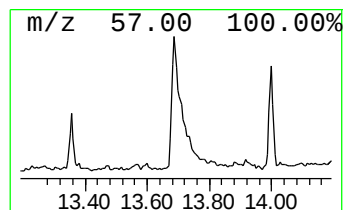
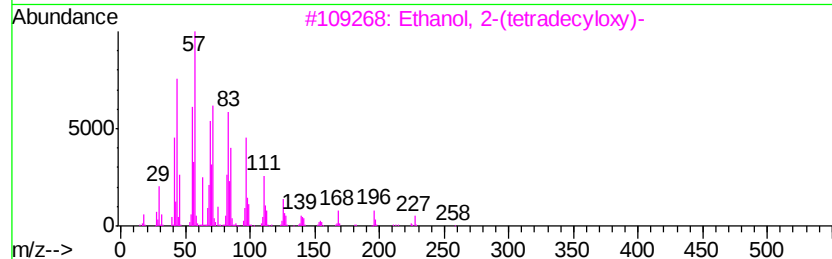
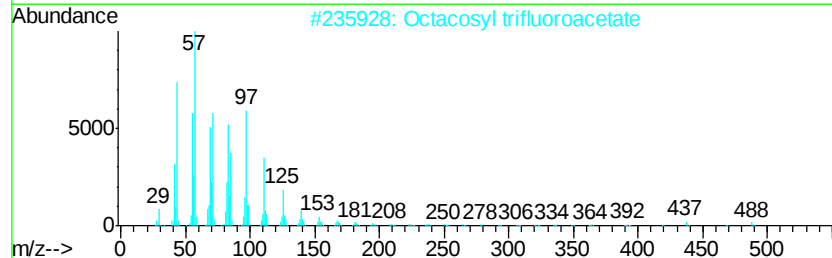
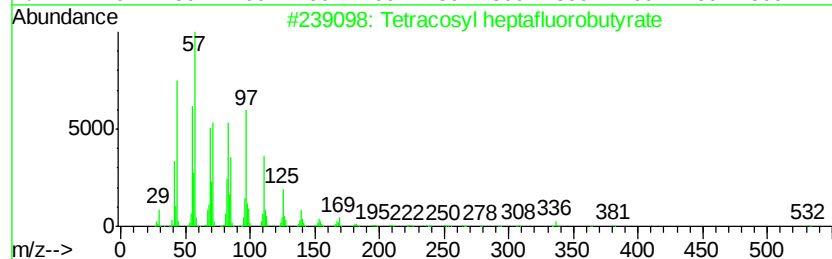
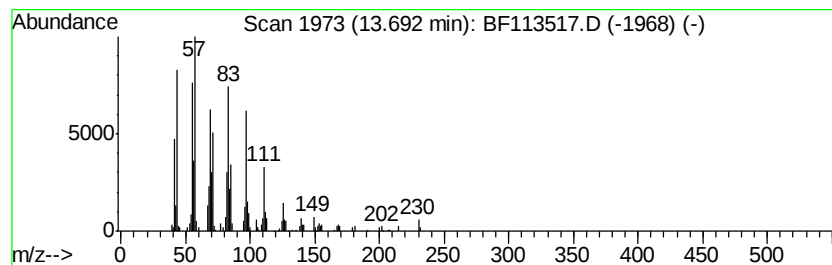
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetracosyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	9.49 ng	485890	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91



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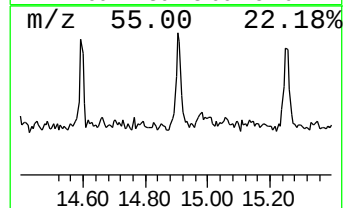
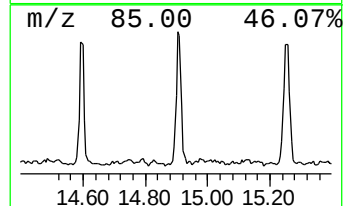
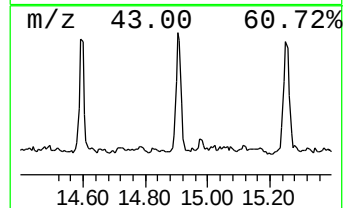
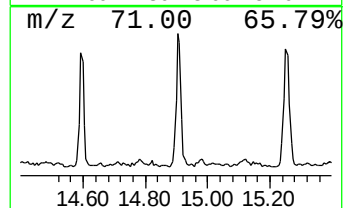
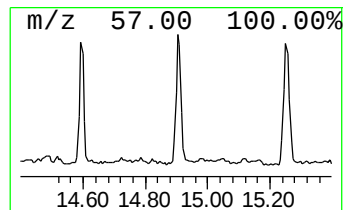
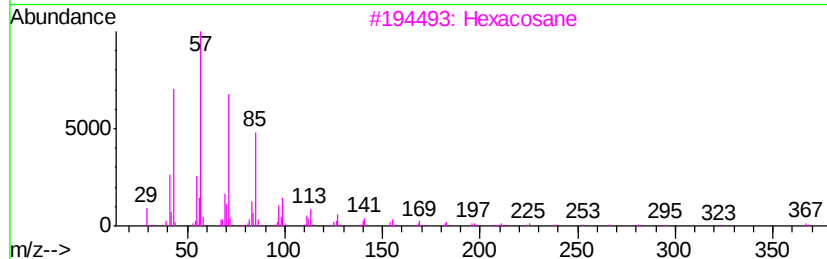
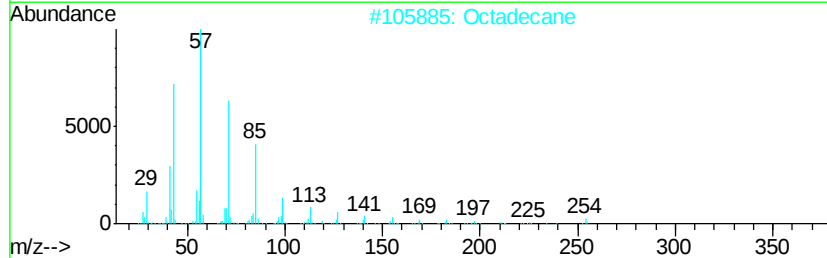
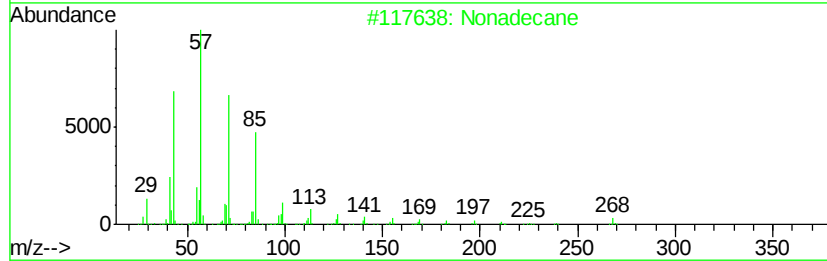
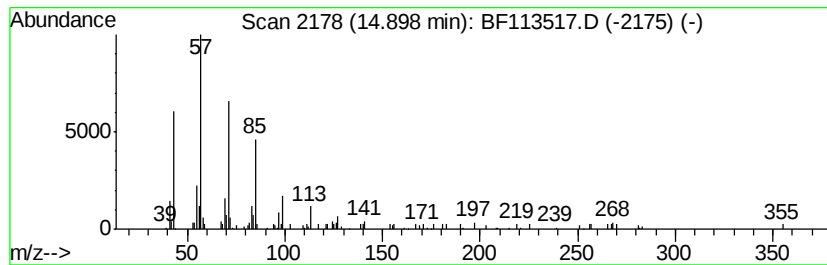
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.21 ng	136938	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	96
2	Octadecane		254	C18H38	000593-45-3	95
3	Hexacosane		366	C26H54	000630-01-3	87
4	Heneicosane		296	C21H44	000629-94-7	87
5	Octacosane		394	C28H58	000630-02-4	83



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ClientSampleId :
TP-9

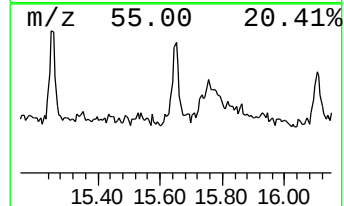
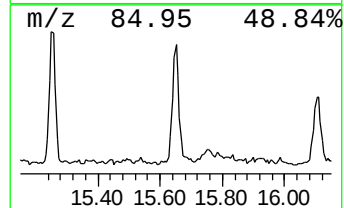
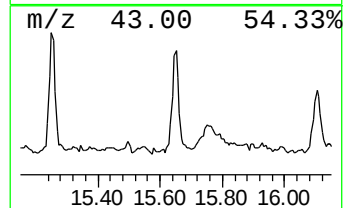
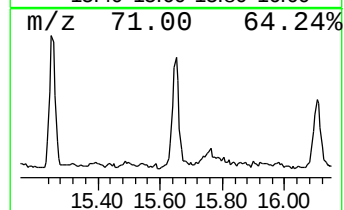
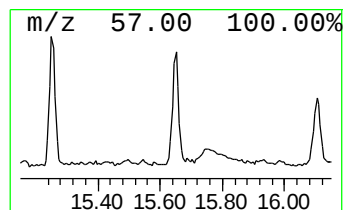
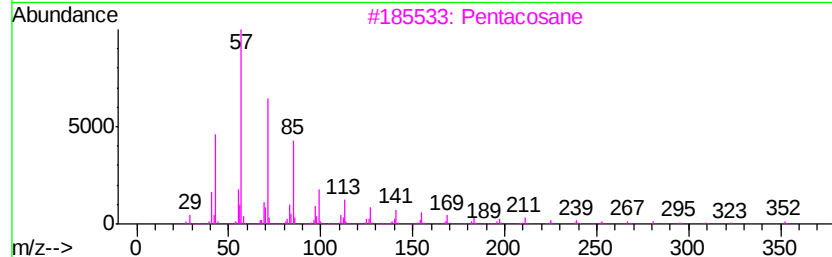
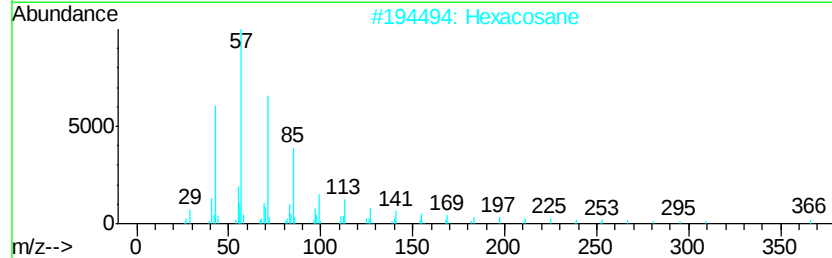
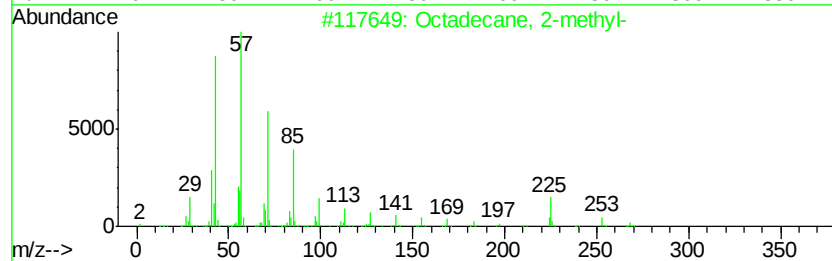
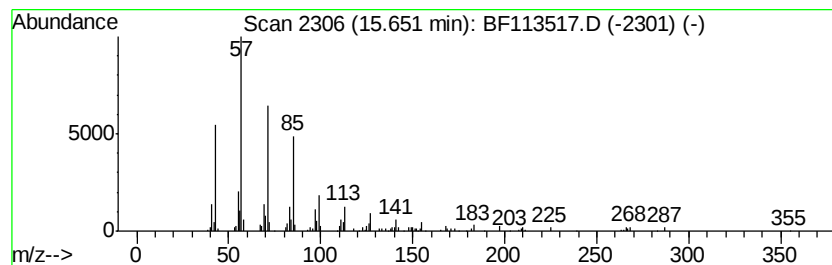
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.25 ng	139473	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2			Hexacosane	366	C26H54	000630-01-3	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113517.D
Acq On : 2 Apr 2019 20:42
Operator : JU/SJ
Sample : K2180-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	86.2	ng	3837820	1	6.69	890381	20.0
n-Hexadecanoic acid	11.73	7.3	ng	417461	4	11.20	1140990	20.0
Octadecanoic acid	12.52	2.7	ng	138569	5	13.83	1024300	20.0
Tetracosyl heptaf...	13.69	9.5	ng	485890	5	13.83	1024300	20.0
Nonadecane	14.90	2.2	ng	136938	6	15.23	1240940	20.0
Octadecane, 2-met...	15.65	2.3	ng	139473	6	15.23	1240940	20.0