

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119749.D
 Acq On : 4 Apr 2020 7:08
 Operator : MA/SJ
 Sample : L2100-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-01-0-21

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-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	5.434	563	569	572	rBV	6607289	7068622	19.26%	7.721%
2	6.445	735	741	744	rBV	5977459	7010196	19.10%	7.657%
3	6.804	798	802	805	rBV	1429910	1167686	3.18%	1.275%
4	6.963	824	829	832	rBV	6122655	5499644	14.99%	6.007%
5	7.369	892	898	901	rBV	4180685	4783552	13.03%	5.225%
6	8.086	1015	1020	1023	rBV	1710363	1435007	3.91%	1.567%
7	9.169	1198	1204	1207	rBV	7472309	7147248	19.47%	7.806%
8	9.557	1266	1270	1274	rBV	710886	572850	1.56%	0.626%
9	9.845	1313	1319	1322	rBV	1887934	1557155	4.24%	1.701%
10	10.639	1447	1454	1457	rBV	4377233	4547495	12.39%	4.967%
11	11.327	1567	1571	1574	rBV	1493205	1427179	3.89%	1.559%
12	11.869	1658	1663	1673	rBV	2043559	2100396	5.72%	2.294%
13	12.651	1792	1796	1809	rBV	835516	916094	2.50%	1.001%
14	12.921	1837	1842	1845	rBV	5511881	5251624	14.31%	5.736%
15	13.821	1989	1995	2004	rBV2	685181	1176457	3.21%	1.285%
16	13.992	2013	2024	2027	rBV	16717741	36699973	100.00%	40.085%
17	14.380	2088	2090	2096	rVB	404951	371049	1.01%	0.405%
18	14.433	2096	2099	2106	rBV	709010	829355	2.26%	0.906%
19	14.545	2114	2118	2121	rVV	1149152	1010470	2.75%	1.104%
20	15.427	2263	2268	2271	rBV	837036	983306	2.68%	1.074%

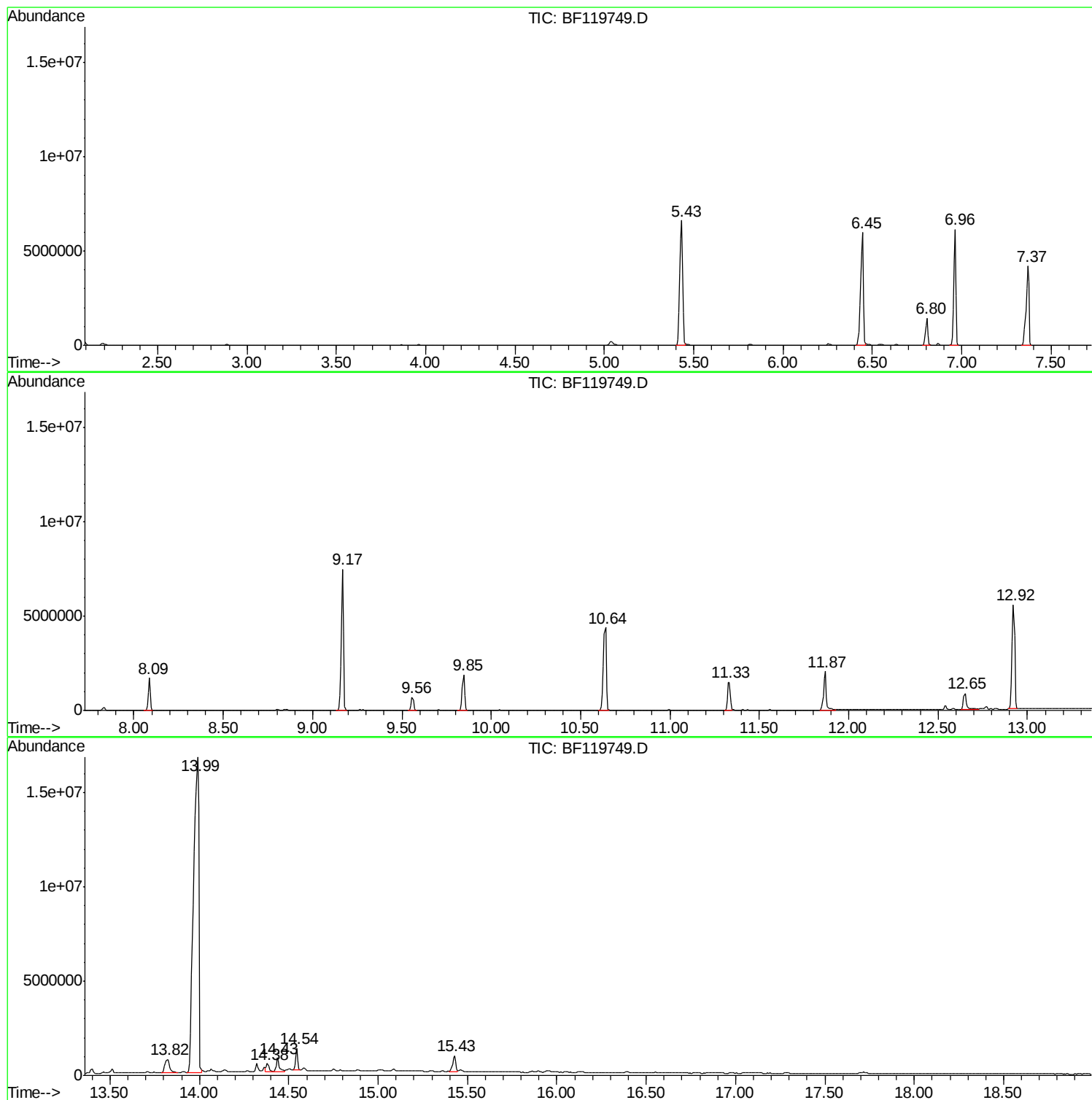
Sum of corrected areas: 91555358

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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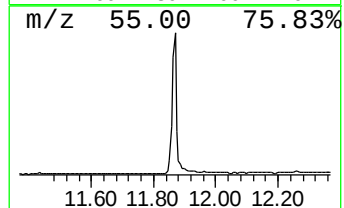
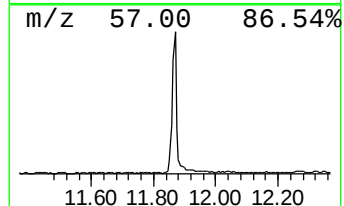
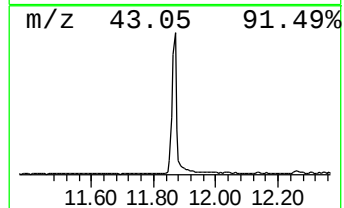
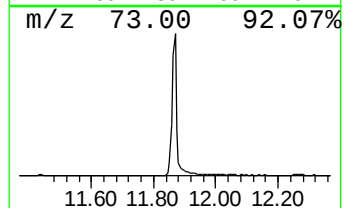
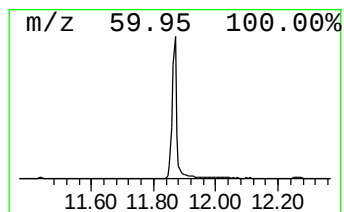
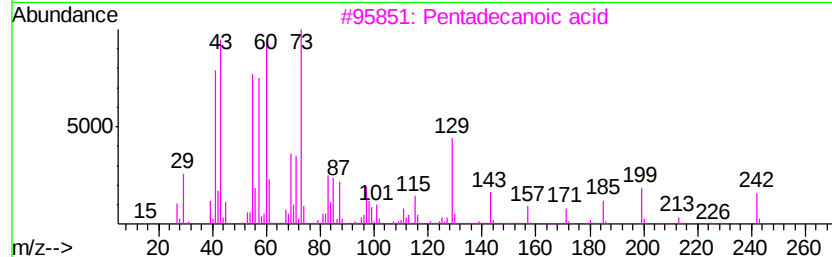
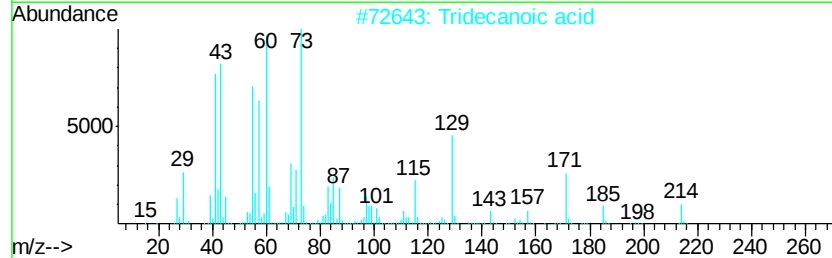
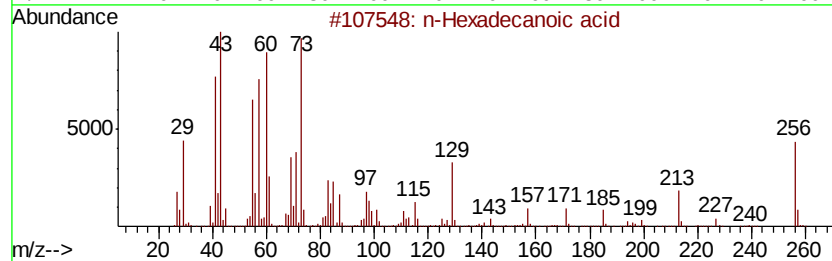
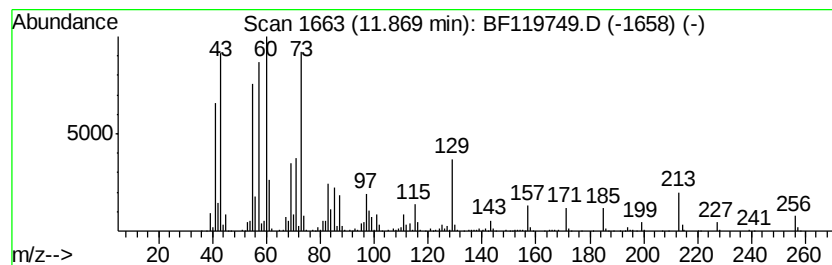
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	29.43 ng	2100400	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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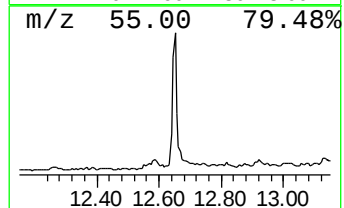
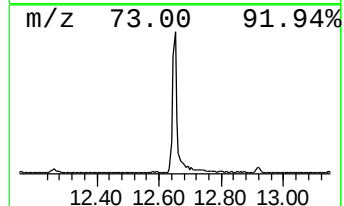
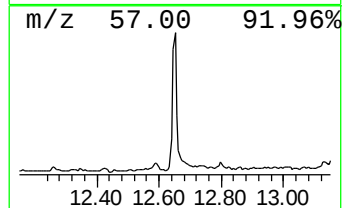
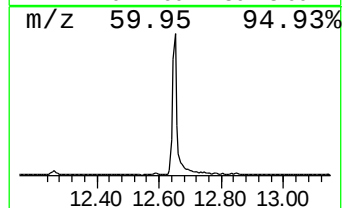
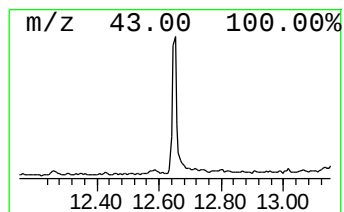
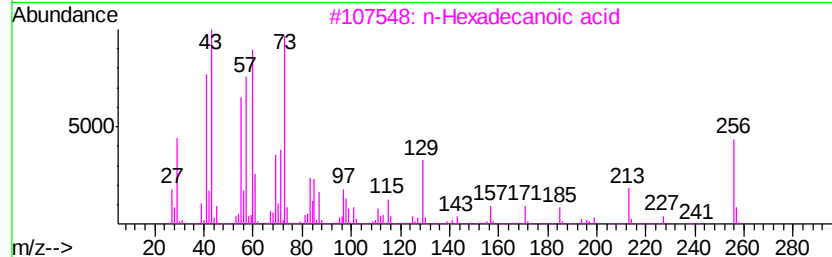
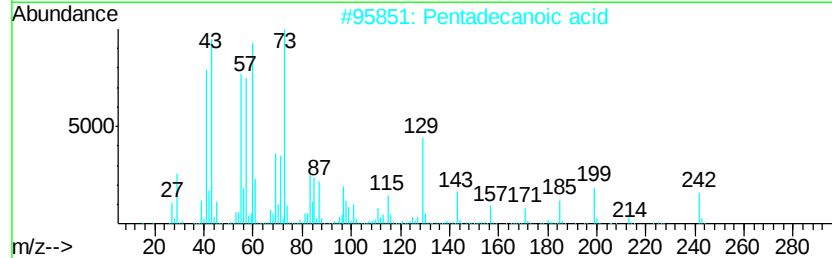
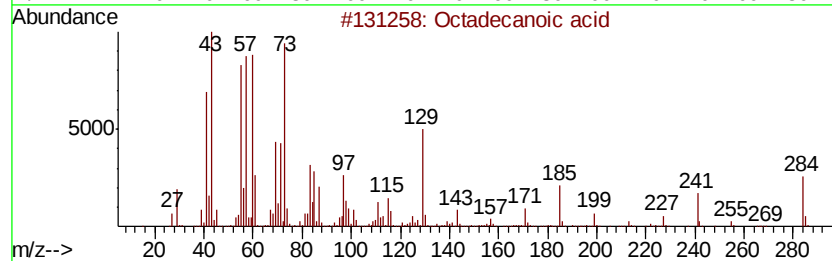
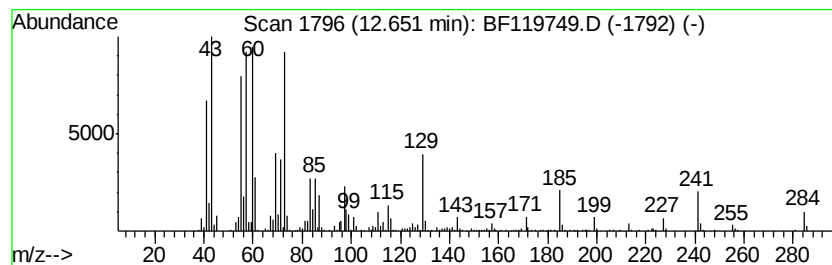
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.65	12.84 ng	916094	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	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.87	29.4	ng	2100400	4	11.33	1427180	20.0
Octadecanoic acid	12.65	12.8	ng	916094	4	11.33	1427180	20.0