

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121285.D
 Acq On : 13 Aug 2020 22:43
 Operator : JU/CG
 Sample : L3501-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-081220

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-BF081320.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	5.322	546	550	560	rBV	384196	371365	17.11%	2.671%
2	6.351	722	725	739	rBV	399453	380139	17.52%	2.734%
3	6.722	784	788	791	rBV	742279	594820	27.41%	4.278%
4	7.281	880	883	889	rBV	324168	247685	11.41%	1.781%
5	8.004	1003	1006	1009	rBV	1037456	776703	35.79%	5.586%
6	9.075	1185	1188	1192	rBV	612167	496588	22.88%	3.572%
7	9.163	1198	1203	1207	rBV	39084	35675	1.64%	0.257%
8	9.475	1252	1256	1259	rBV2	50798	56288	2.59%	0.405%
9	9.692	1290	1293	1297	rVB	59124	44575	2.05%	0.321%
10	9.757	1300	1304	1307	rVB	972520	868358	40.01%	6.245%
11	10.192	1374	1378	1381	rBV	69769	57100	2.63%	0.411%
12	10.410	1409	1415	1418	rBV	31239	40946	1.89%	0.294%
13	10.539	1432	1437	1445	rBV	286503	259190	11.94%	1.864%
14	10.663	1455	1458	1463	rBV	105819	116398	5.36%	0.837%
15	11.110	1531	1534	1536	rBV	98321	74252	3.42%	0.534%
16	11.139	1536	1539	1544	rVB2	37310	43940	2.02%	0.316%
17	11.233	1552	1555	1558	rBV	979928	838892	38.65%	6.034%
18	11.257	1558	1559	1562	rVB	74248	47908	2.21%	0.345%
19	11.533	1603	1606	1608	rBV	88109	73851	3.40%	0.531%
20	11.557	1608	1610	1614	rVB2	124323	97630	4.50%	0.702%
21	11.639	1620	1624	1627	rBV	1265502	1130628	52.10%	8.132%
22	11.845	1655	1659	1662	rBV3	22837	31485	1.45%	0.226%
23	11.939	1672	1675	1679	rBV	67943	66272	3.05%	0.477%
24	12.039	1688	1692	1694	rBV2	21396	26018	1.20%	0.187%
25	12.321	1736	1740	1742	rBV	2119847	2089024	96.26%	15.025%
26	12.345	1742	1744	1752	rVB	2479541	2170237	100.00%	15.609%
27	12.427	1754	1758	1760	rBV	587158	467505	21.54%	3.362%
28	12.674	1795	1800	1802	rBV	134450	162682	7.50%	1.170%
29	12.698	1802	1804	1808	rVV	44458	45433	2.09%	0.327%
30	12.816	1821	1824	1831	rVB	496870	435902	20.09%	3.135%
31	12.986	1850	1853	1854	rBV2	35568	33045	1.52%	0.238%
32	13.057	1862	1865	1870	rBV3	56050	87617	4.04%	0.630%
33	13.151	1878	1881	1884	rBV	44632	35201	1.62%	0.253%
34	13.257	1897	1899	1903	rBV4	34281	40155	1.85%	0.289%

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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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.398	1921	1923	1925	rVB	36444	26075	1.20%	0.188%
36	13.574	1950	1953	1956	rBV3	45696	56503	2.60%	0.406%
37	13.821	1992	1995	1998	rBV	30049	30524	1.41%	0.220%
38	13.868	1999	2003	2006	rBV	769556	708634	32.65%	5.097%
39	14.886	2173	2176	2178	rBV	69885	82575	3.80%	0.594%
40	15.286	2240	2244	2248	rBV	530817	656063	30.23%	4.719%

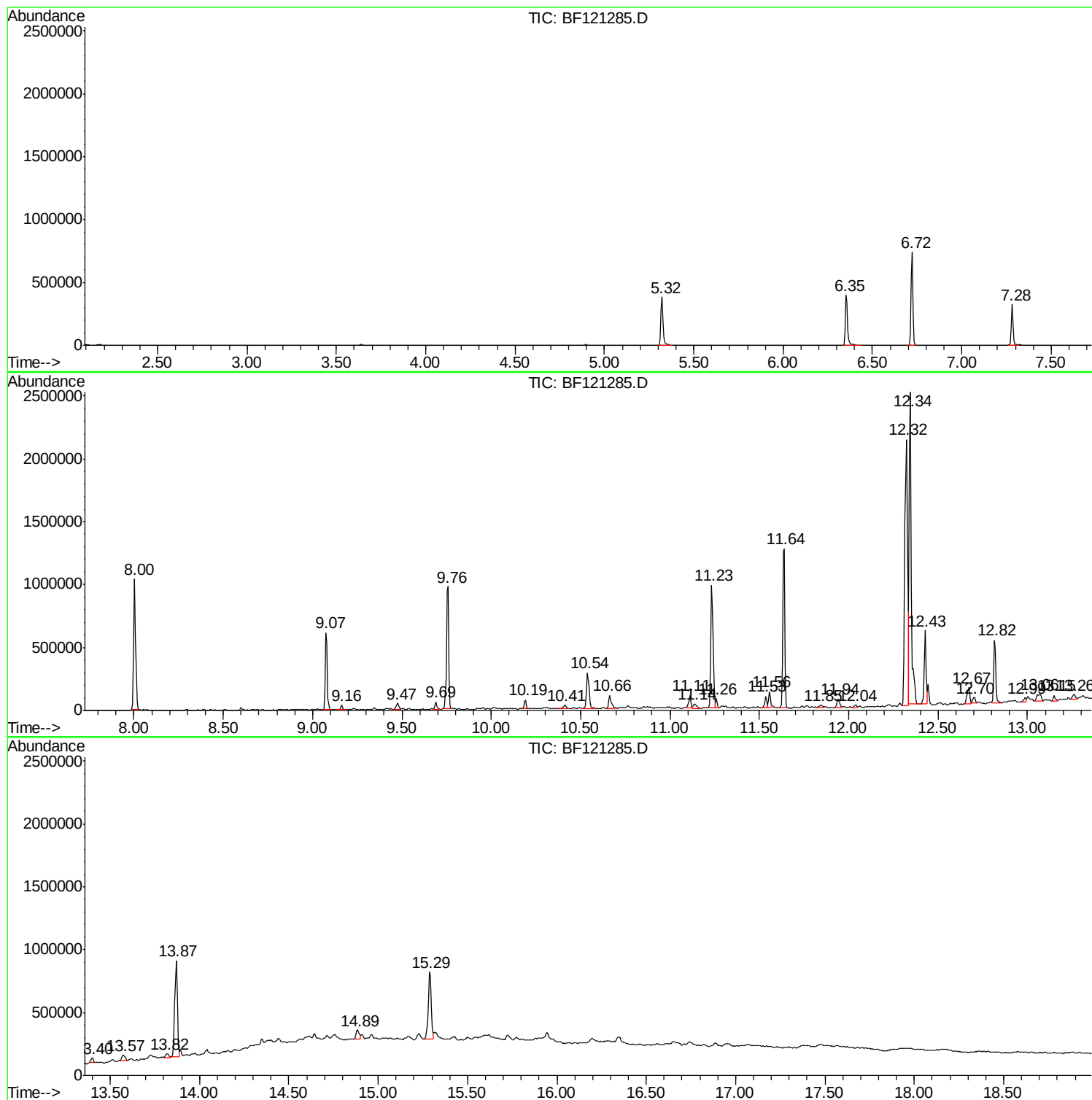
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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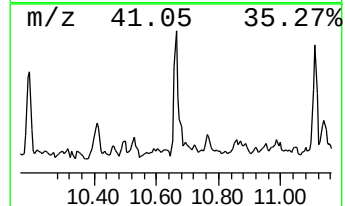
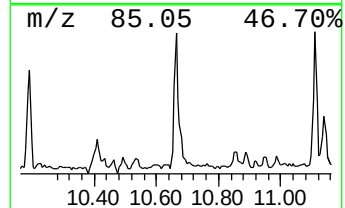
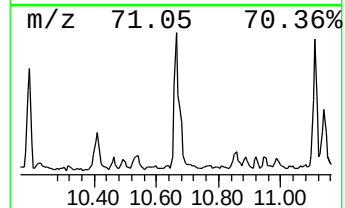
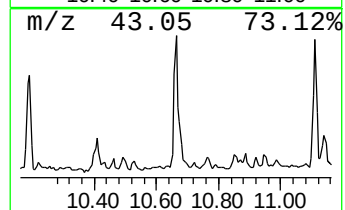
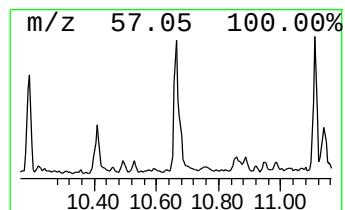
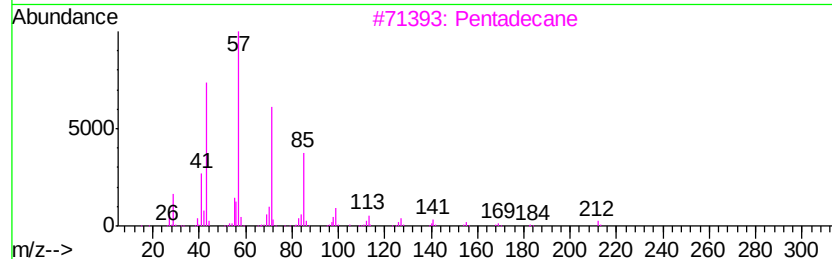
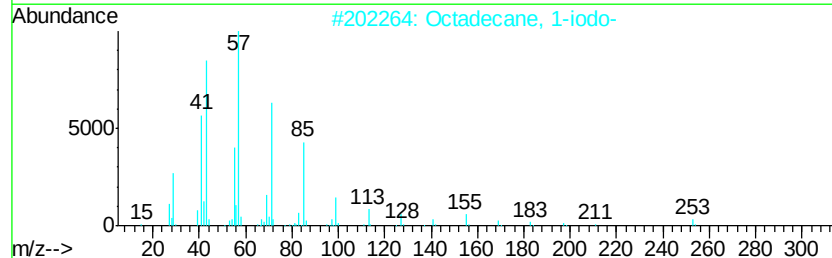
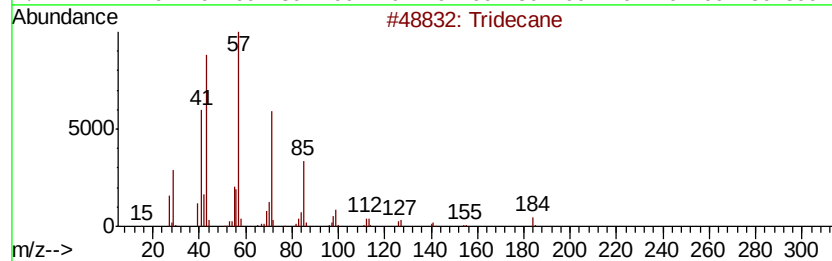
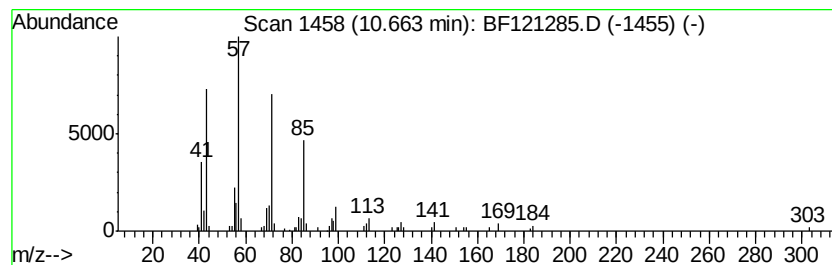
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.66	2.78 ng	116398	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Eicosane	282	C20H42	000112-95-8	91



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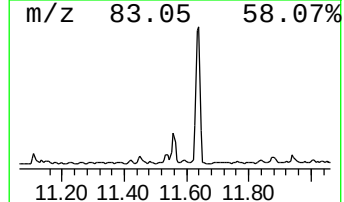
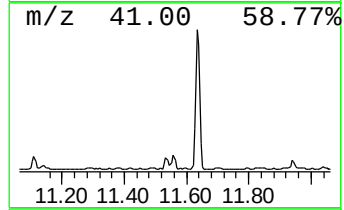
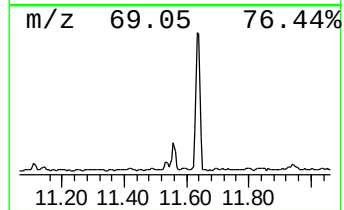
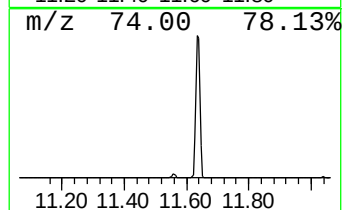
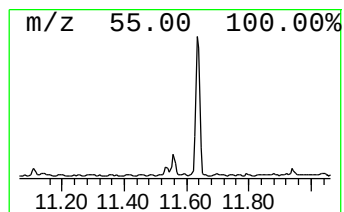
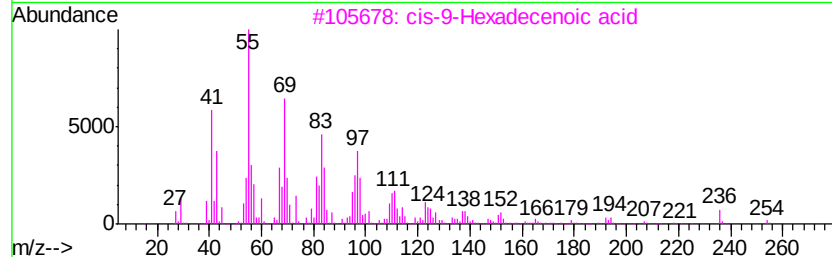
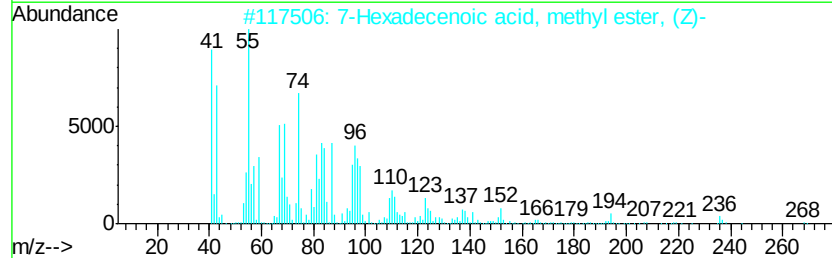
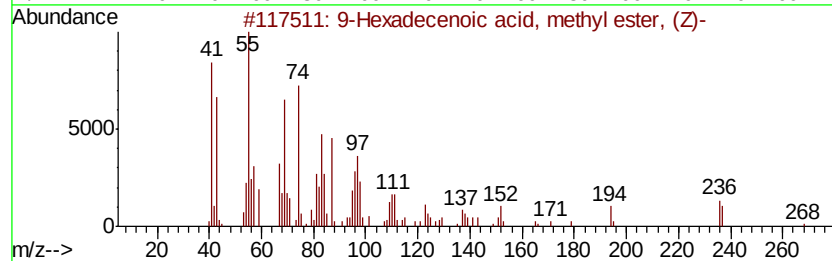
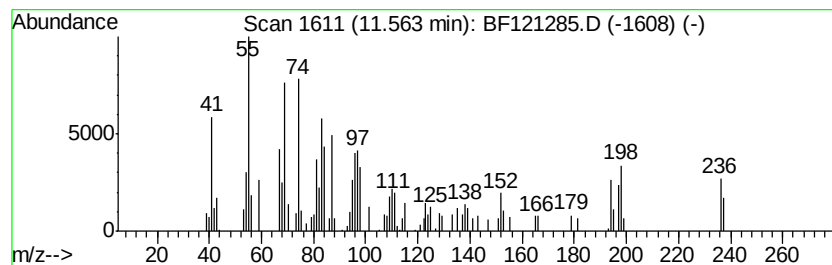
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Hexadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.56	2.33 ng	97630	Phenanthrene-d10		11.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2		001120-25-8	95
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2		056875-67-3	68
3	cis-9-Hexadecenoic acid	254	C16H30O2		1000333-19-5	62
4	Palmitoleic acid	254	C16H30O2		000373-49-9	58
5	Hexadecenoic acid, Z-11-	254	C16H30O2		002416-20-8	58



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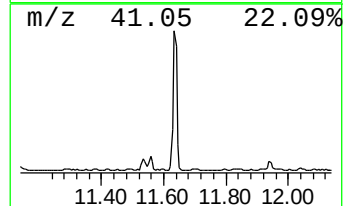
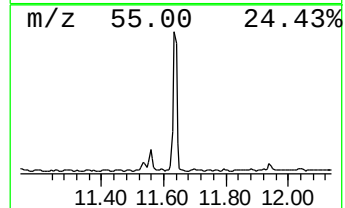
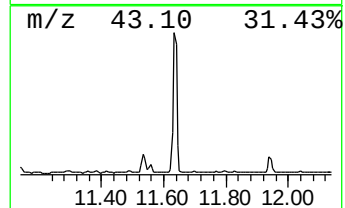
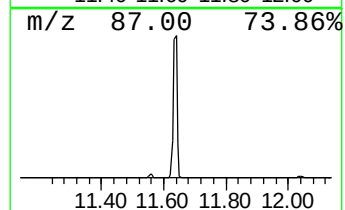
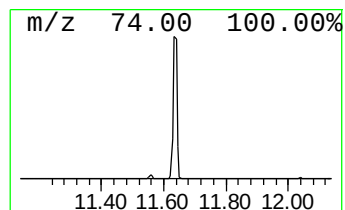
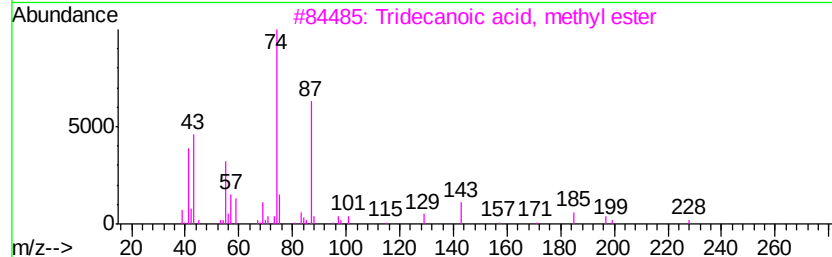
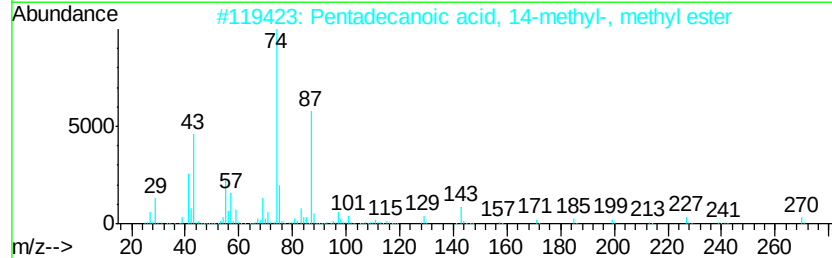
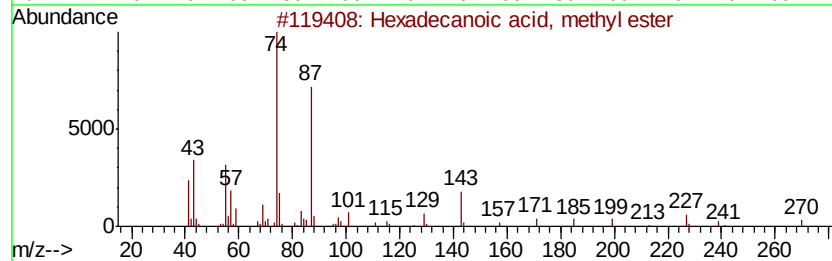
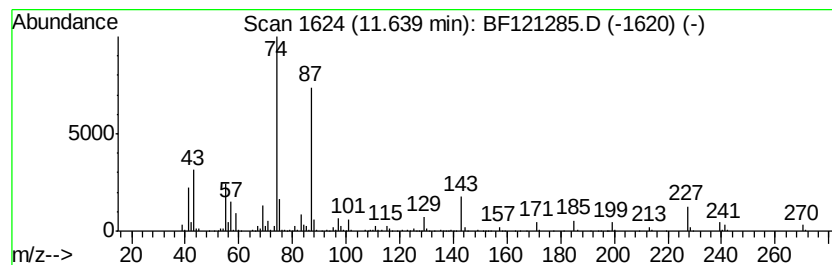
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.64	26.96 ng	1130630	Phenanthrene-d10	11.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	86



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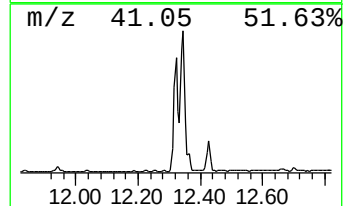
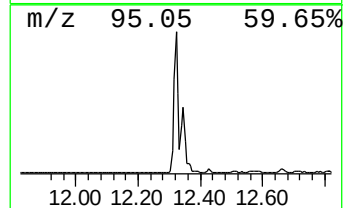
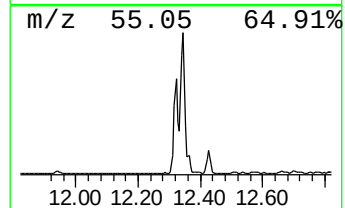
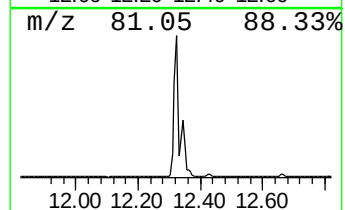
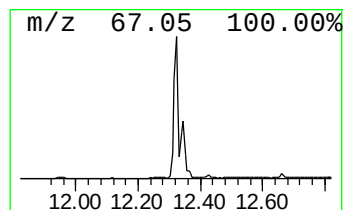
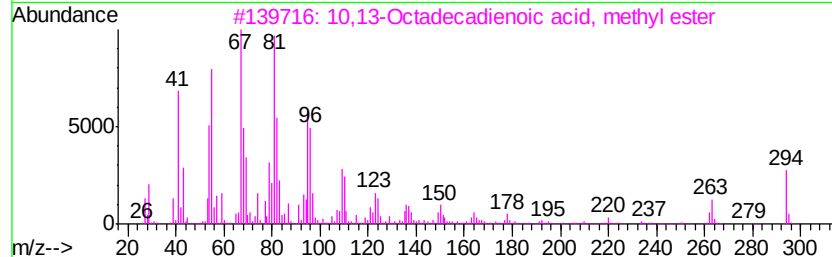
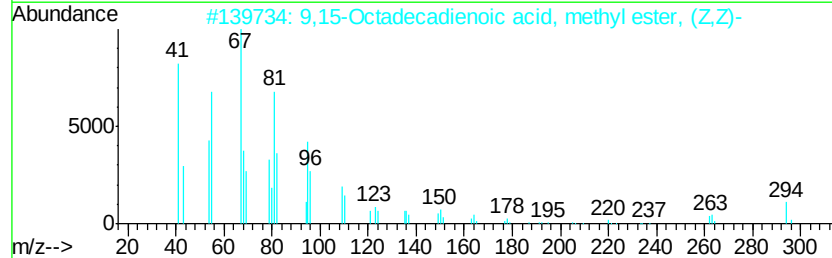
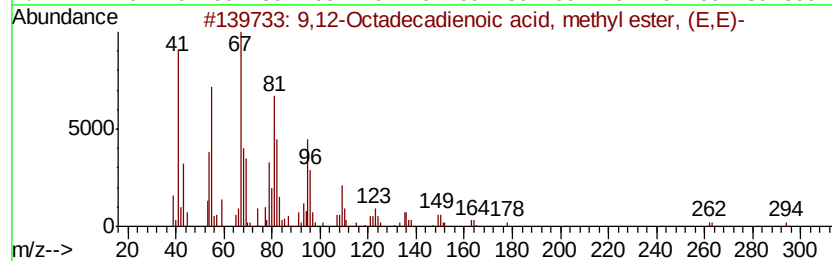
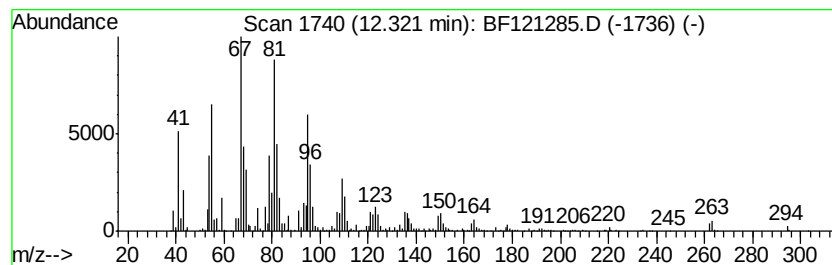
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.32	49.80 ng	2089020	Phenanthrene-d10	11.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	



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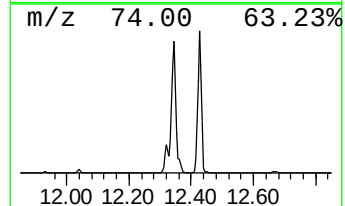
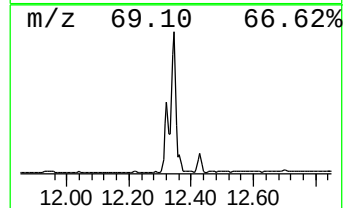
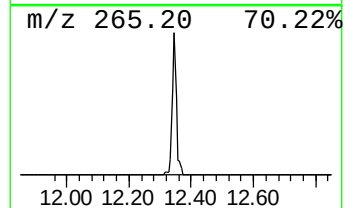
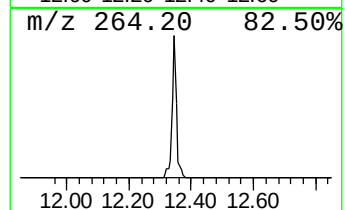
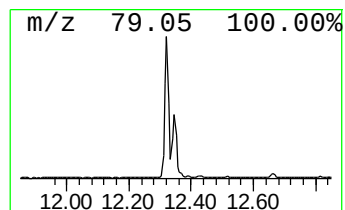
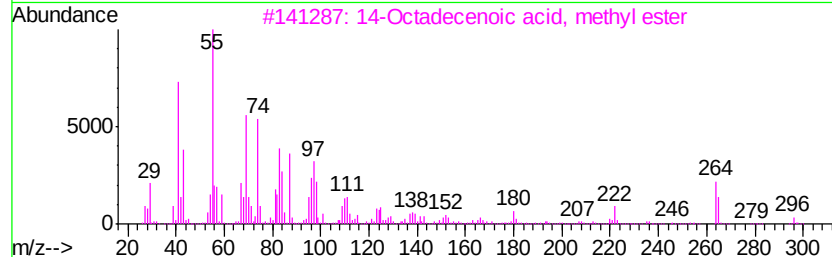
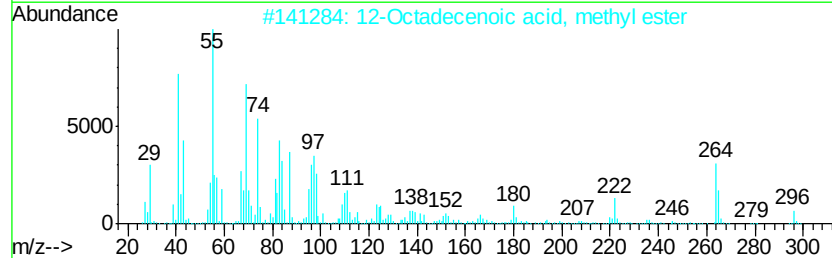
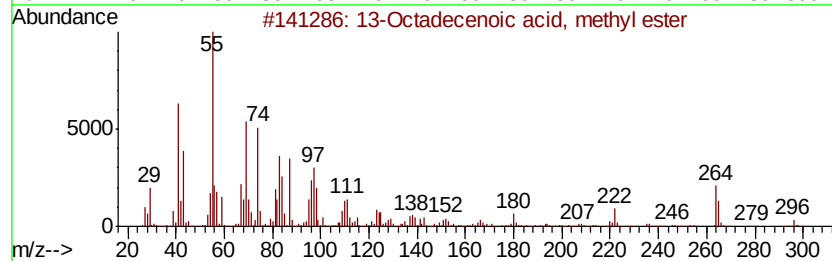
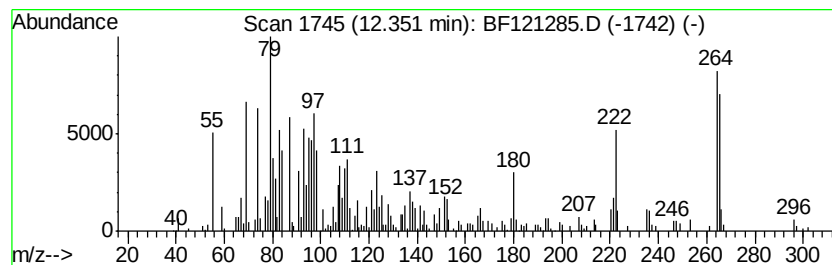
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 13-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.35	51.74 ng	2170240	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121285.D
Acq On : 13 Aug 2020 22:43
Operator : JU/CG
Sample : L3501-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 2

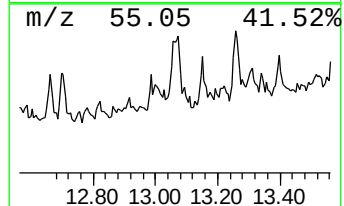
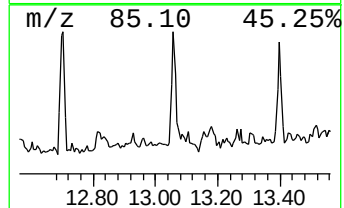
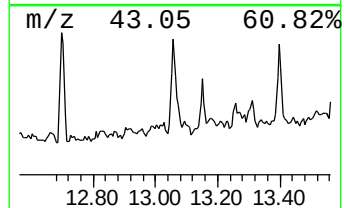
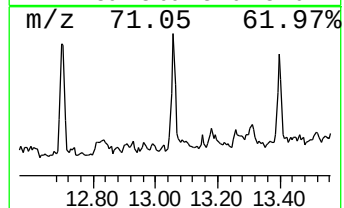
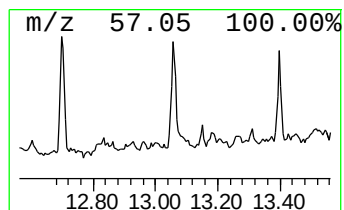
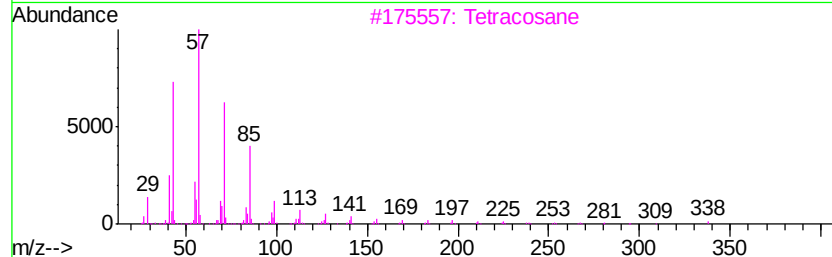
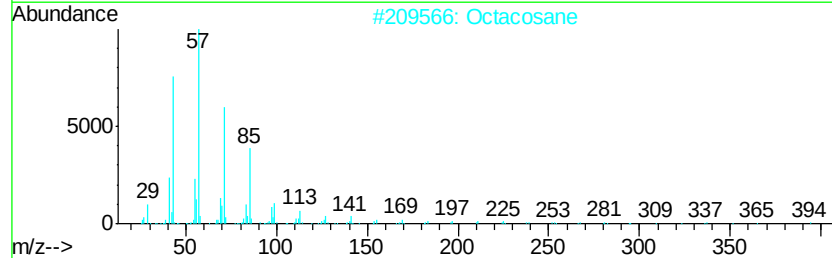
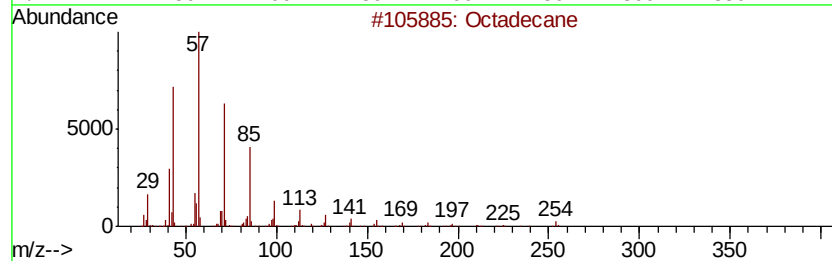
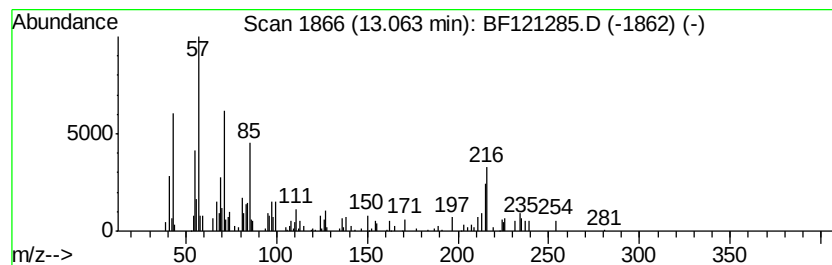
Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.47 ng	87617	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	90
2	Octacosane	394 C28H58	000630-02-4	76
3	Tetracosane	338 C24H50	000646-31-1	74
4	Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6	72
5	Heptacosane	380 C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081320\
Data File : BF121285.D
Acq On : 13 Aug 2020 22:43
Operator : JU/CG
Sample : L3501-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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
Tridecane	10.66	2.8	ng	116398	4	11.23	838892	20.0
9-Hexadecenoic ac...	11.56	2.3	ng	97630	4	11.23	838892	20.0
Hexadecanoic acid...	11.64	27.0	ng	1130630	4	11.23	838892	20.0
9,12-Octadecadien...	12.32	49.8	ng	2089020	4	11.23	838892	20.0
13-Octadecenoic a...	12.35	51.7	ng	2170240	4	11.23	838892	20.0
Octadecane	13.06	2.5	ng	87617	5	13.87	708634	20.0