

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113175.D
 Acq On : 20 Mar 2019 17:07
 Operator : JU/SJ
 Sample : K1688-21 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-A

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-BF022719.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	5.340	550	553	567	rBV	128311	145649	8.47%	1.285%
2	6.369	725	728	743	rBV	147325	177040	10.30%	1.562%
3	6.498	746	750	756	rBV	169308	162670	9.46%	1.435%
4	6.722	785	788	803	rVB	727832	643024	37.41%	5.672%
5	6.881	811	815	820	rBV	127038	114507	6.66%	1.010%
6	7.281	877	883	890	rBV	85355	98572	5.73%	0.870%
7	8.004	1003	1006	1013	rBV	841082	823121	47.89%	7.261%
8	8.610	1105	1109	1113	rBV2	24260	23882	1.39%	0.211%
9	9.081	1186	1189	1200	rBV	239279	233440	13.58%	2.059%
10	9.175	1200	1205	1208	rBV	35323	35415	2.06%	0.312%
11	9.698	1292	1294	1298	rBV	41445	38434	2.24%	0.339%
12	9.757	1300	1304	1314	rVV2	1029275	950576	55.30%	8.385%
13	10.198	1376	1379	1382	rVB	56743	41689	2.43%	0.368%
14	10.545	1433	1438	1442	rBV	157110	158692	9.23%	1.400%
15	10.669	1456	1459	1467	rBV	71485	85903	5.00%	0.758%
16	11.116	1532	1535	1538	rBV	66598	56380	3.28%	0.497%
17	11.145	1538	1540	1544	rVB3	23279	22621	1.32%	0.200%
18	11.239	1552	1556	1563	rBV	948688	891748	51.88%	7.866%
19	11.539	1604	1607	1609	rBV	56049	47676	2.77%	0.421%
20	11.639	1620	1624	1627	rBV	784049	590366	34.35%	5.208%
21	11.775	1644	1647	1655	rBV3	70444	87586	5.10%	0.773%
22	11.945	1673	1676	1680	rVB	44326	40155	2.34%	0.354%
23	12.322	1736	1740	1742	rBV	1883680	1718886	100.00%	15.162%
24	12.345	1742	1744	1746	rVB	1939026	1479535	86.08%	13.051%
25	12.427	1755	1758	1761	rBV	322716	267030	15.54%	2.355%
26	12.480	1765	1767	1770	rVB3	32736	35096	2.04%	0.310%
27	12.557	1778	1780	1785	rVB5	27632	32263	1.88%	0.285%
28	12.663	1795	1798	1803	rVB4	61021	65944	3.84%	0.582%
29	12.704	1803	1805	1807	rBV	39500	29867	1.74%	0.263%
30	12.816	1821	1824	1828	rBV	363150	310165	18.04%	2.736%
31	12.986	1850	1853	1855	rBV3	45352	47966	2.79%	0.423%
32	13.074	1863	1868	1871	rBV3	56063	97586	5.68%	0.861%
33	13.151	1879	1881	1884	rBV2	56341	45444	2.64%	0.401%
34	13.868	1999	2003	2007	rBV	1008874	944040	54.92%	8.327%

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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

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35	15.280	2239	2243	2247	rBV	582032	736227	42.83%	6.494%
36	16.686	2480	2482	2484	rBV	97191	57302	3.33%	0.505%

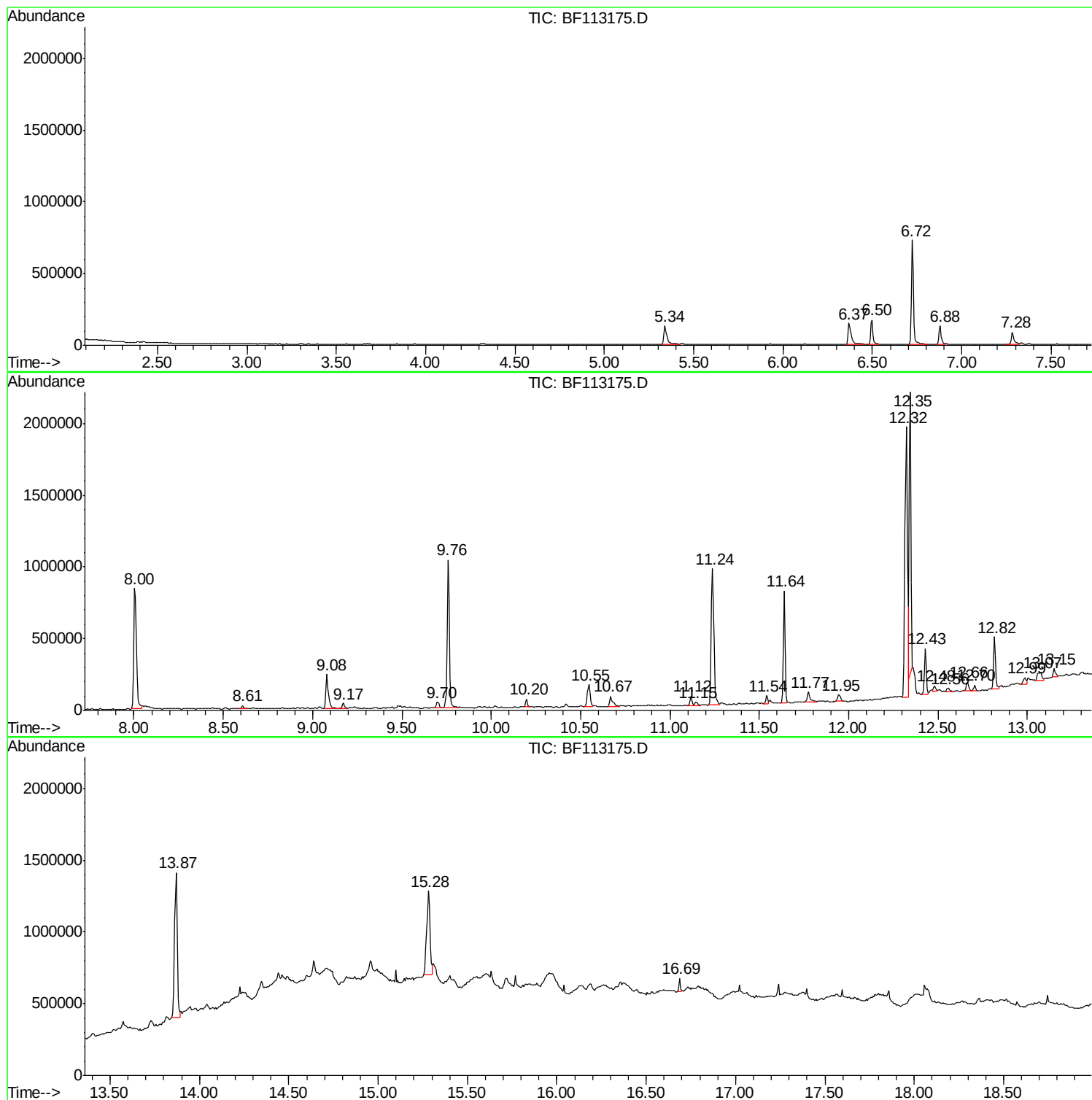
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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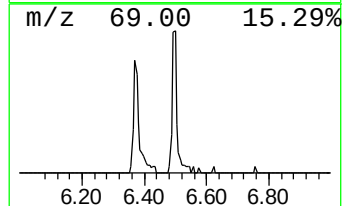
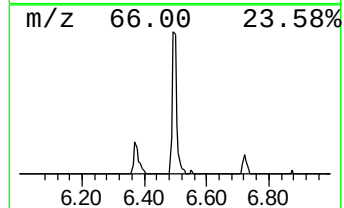
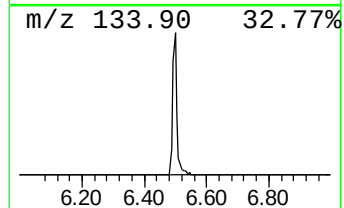
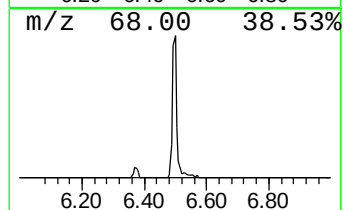
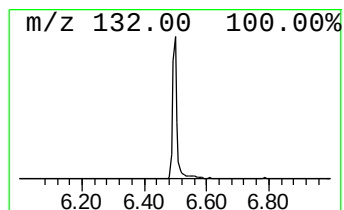
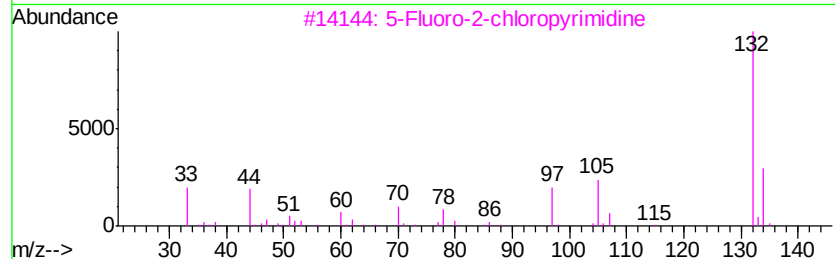
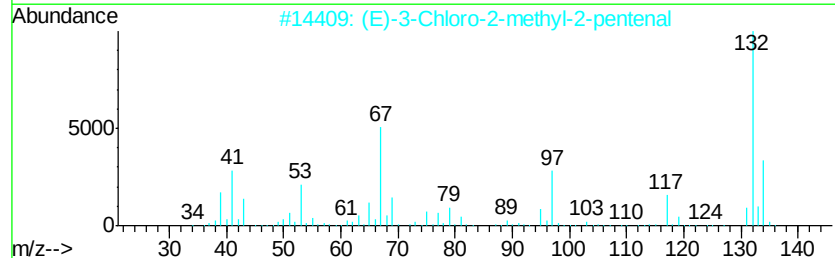
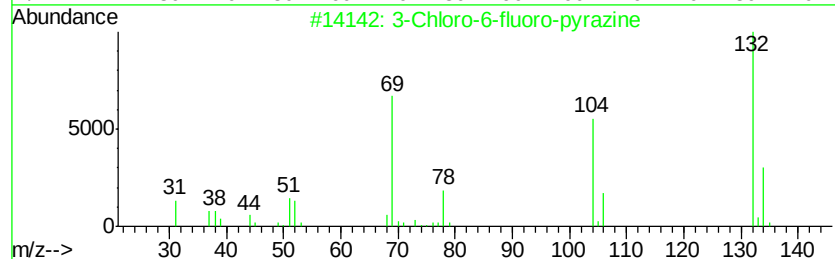
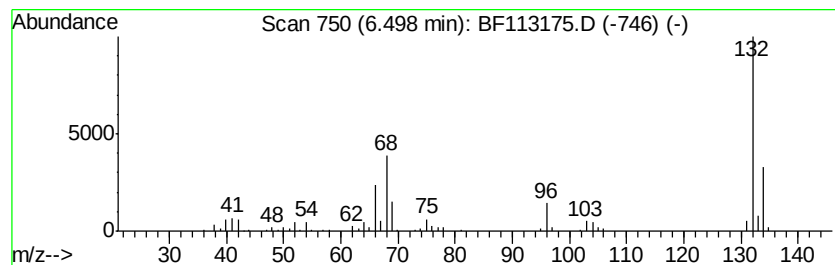
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	5.06 ng	162670	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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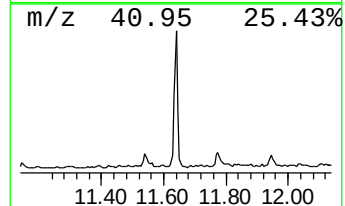
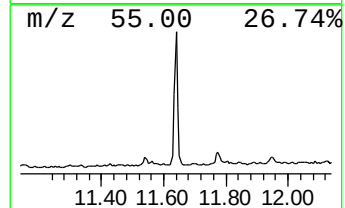
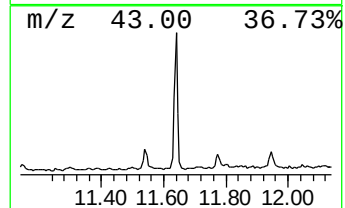
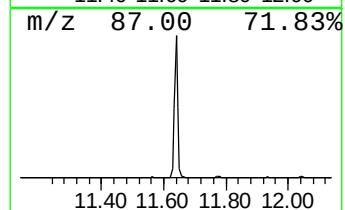
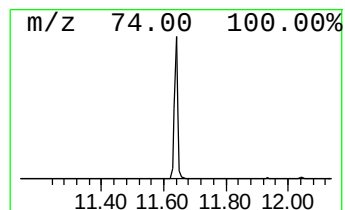
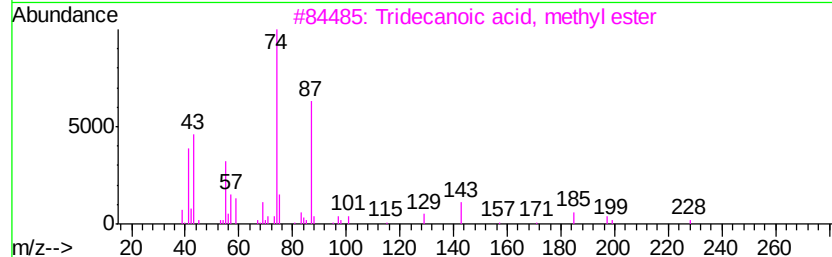
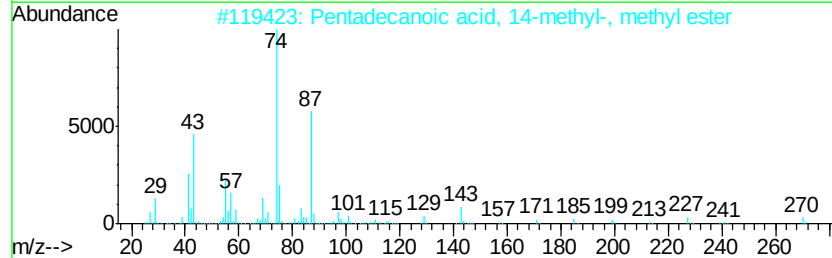
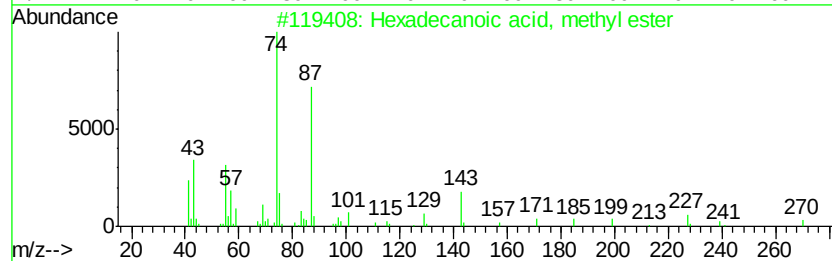
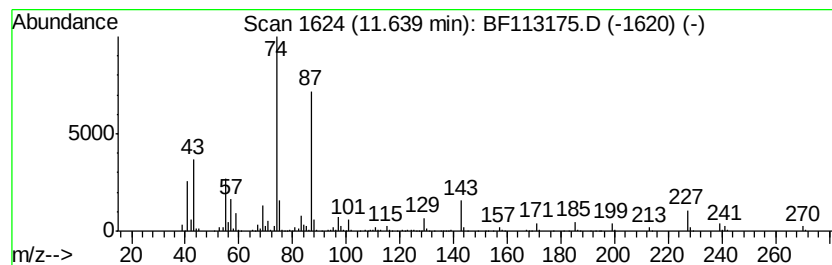
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.64	13.24 ng	590366	Phenanthrene-d10		11.24	
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	94
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



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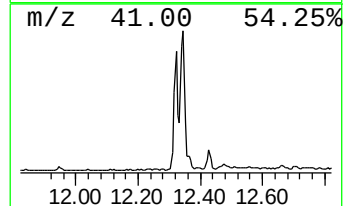
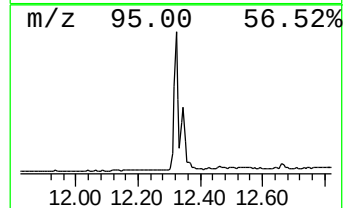
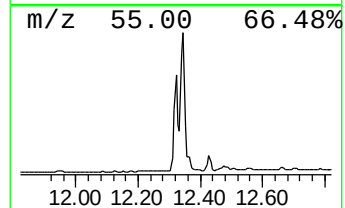
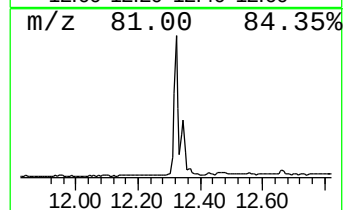
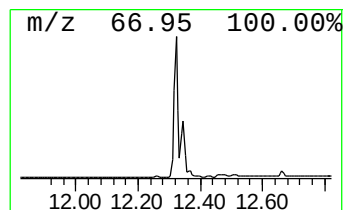
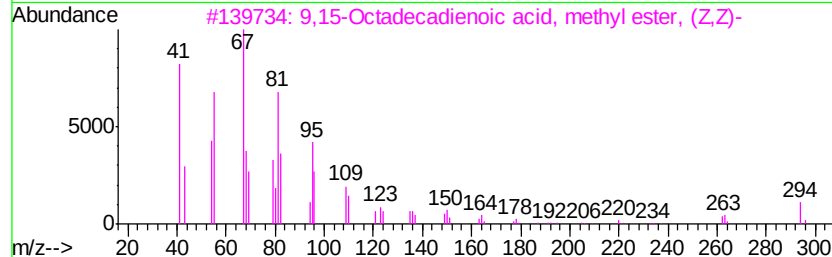
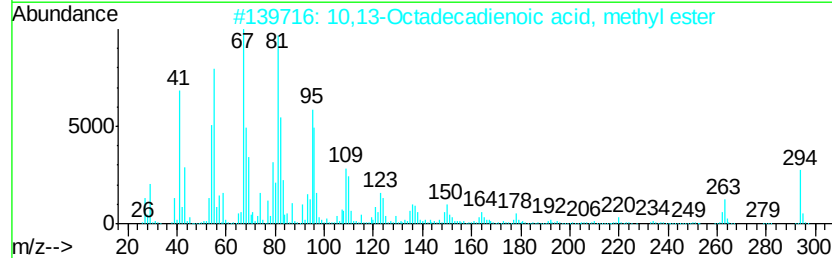
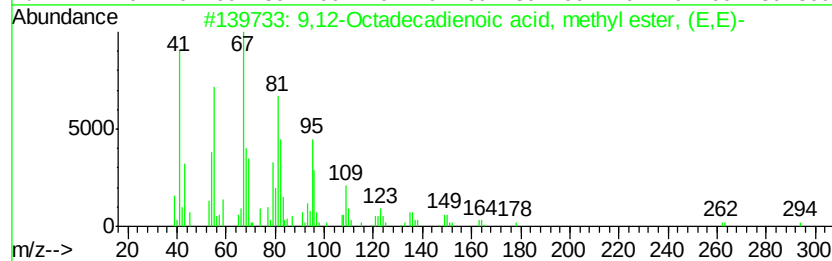
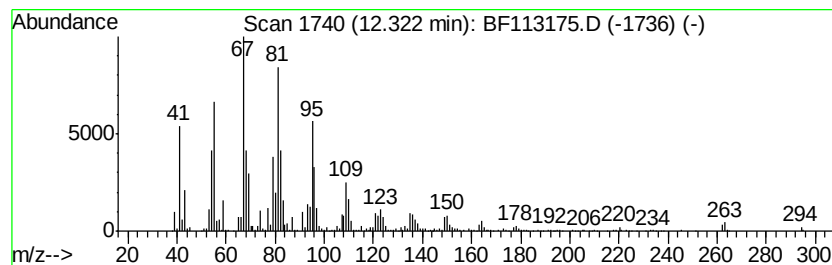
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Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	38.55 ng	1718890	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



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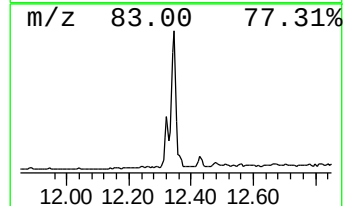
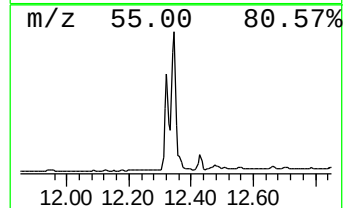
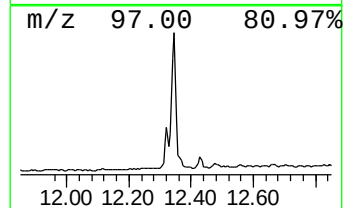
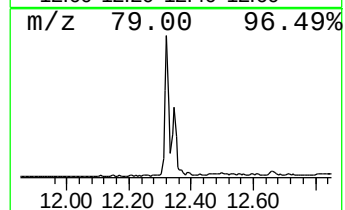
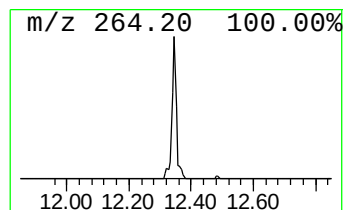
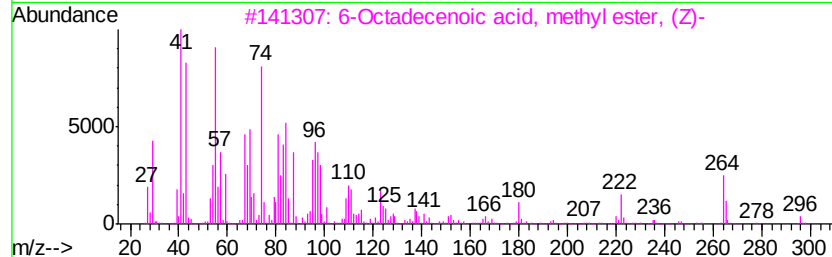
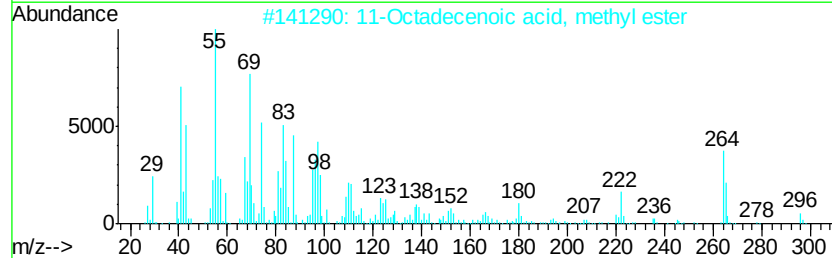
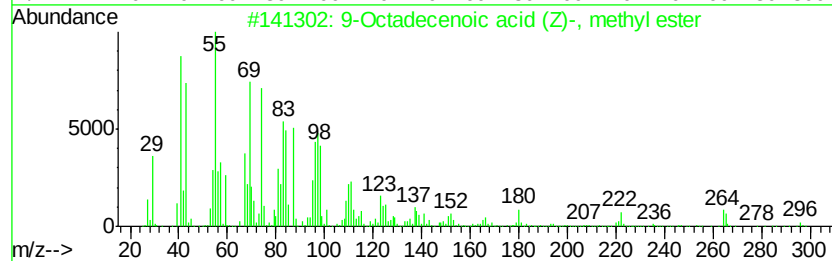
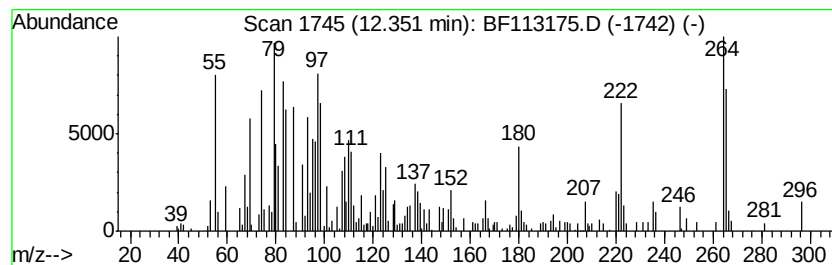
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TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.35	33.18 ng	1479540	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



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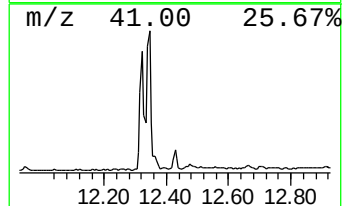
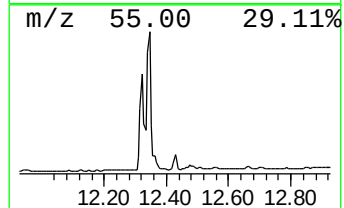
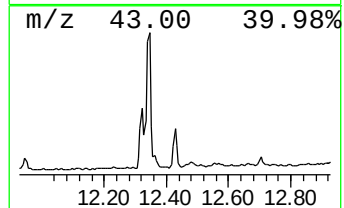
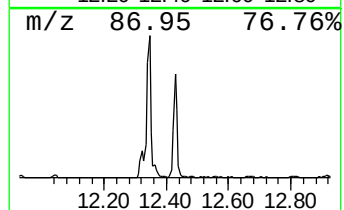
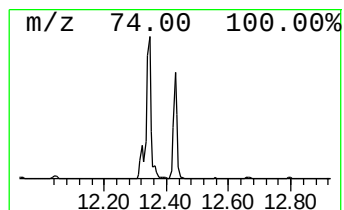
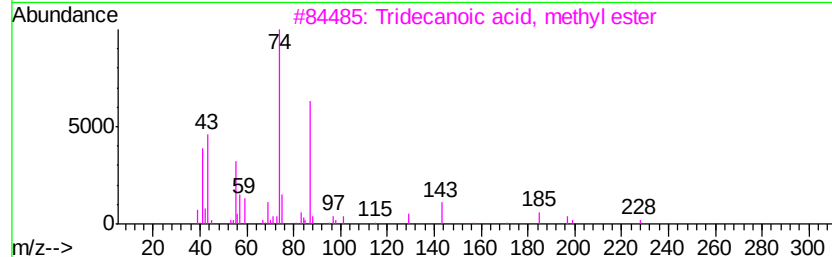
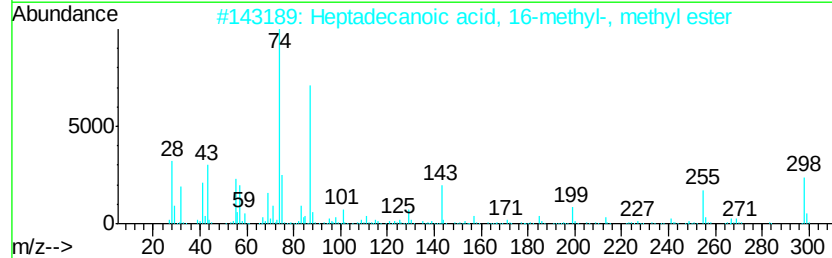
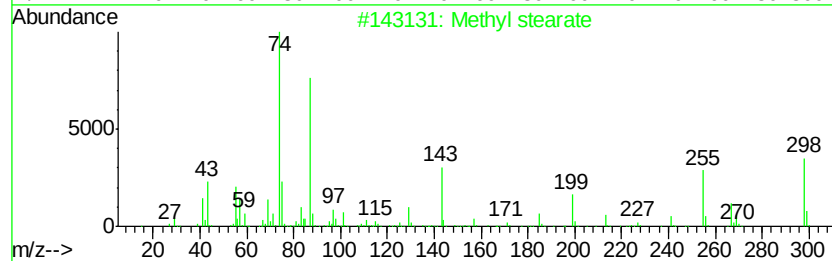
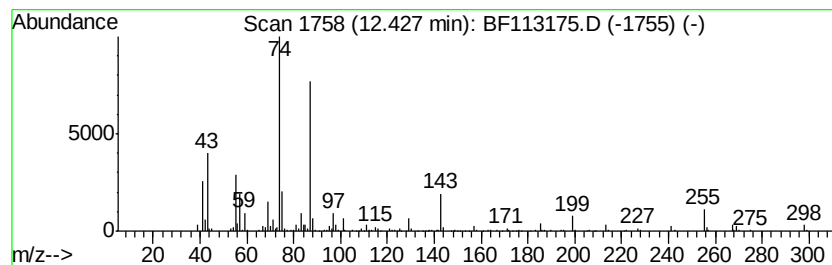
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Peak Number 6 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.99 ng	267030	Phenanthrene-d10	11.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 91
3		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 90
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 90
5		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113175.D
Acq On : 20 Mar 2019 17:07
Operator : JU/SJ
Sample : K1688-21 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

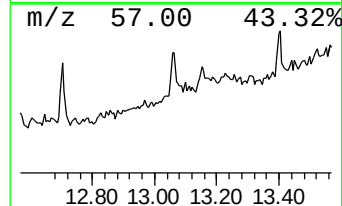
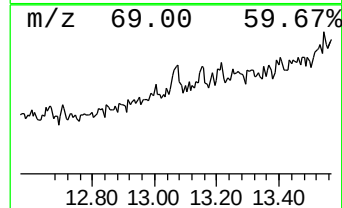
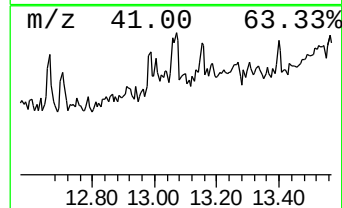
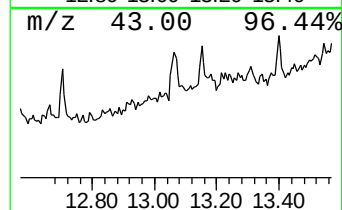
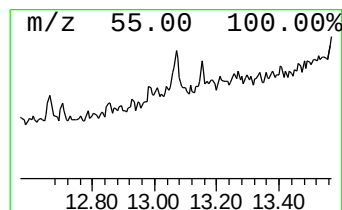
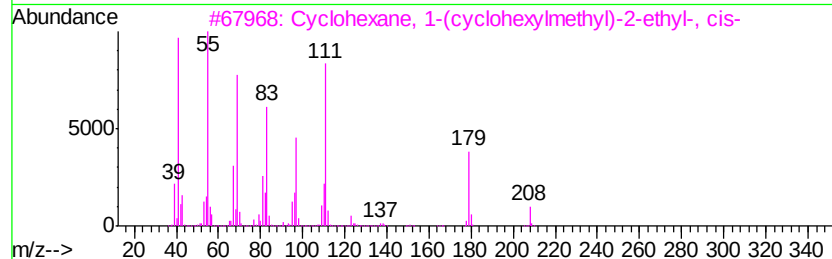
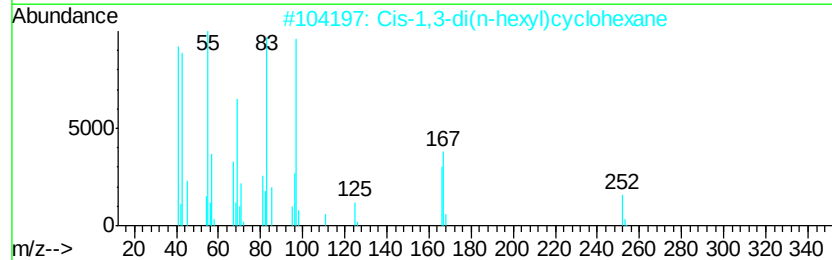
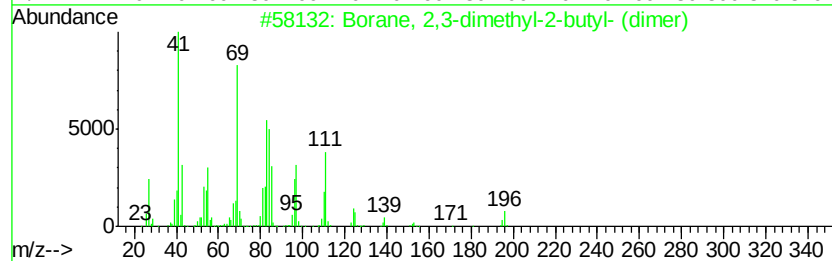
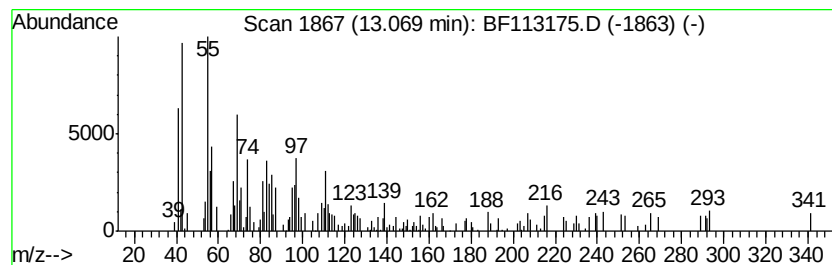
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Borane, 2,3-dimethyl-2-buty... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.07	2.07 ng	97586	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	50
2	Cis-1,3-di(n-hexyl)cyclohexane	252	C18H36	086701-17-9	49
3	Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-93-9	43
4	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	41
5	2-Tetradecene, (E)-	196	C14H28	035953-54-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113175.D
Acq On : 20 Mar 2019 17:07
Operator : JU/SJ
Sample : K1688-21 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	5.1	ng	162670	1	6.72	643024	20.0
Hexadecanoic acid...	11.64	13.2	ng	590366	4	11.24	891748	20.0
9,12-Octadecadien...	12.32	38.5	ng	1718890	4	11.24	891748	20.0
9-Octadecenoic ac...	12.35	33.2	ng	1479540	4	11.24	891748	20.0
Methyl stearate	12.43	6.0	ng	267030	4	11.24	891748	20.0
Borane, 2,3-dimet...	13.07	2.1	ng	97586	5	13.87	944040	20.0