

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119871.D
 Acq On : 9 Apr 2020 16:03
 Operator : MA/SJ
 Sample : L2110-01 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-040220

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-BF040820.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	5.363	554	557	565	rBV	854440	740531	55.23%	5.240%
2	6.386	728	731	740	rBV	807802	707040	52.73%	5.003%
3	6.763	791	795	799	rBV	1137183	976961	72.86%	6.913%
4	6.922	818	822	825	rBV	773835	650277	48.50%	4.601%
5	7.322	886	890	894	rBV	566242	475499	35.46%	3.365%
6	8.051	1008	1014	1017	rBV	1604358	1240967	92.55%	8.781%
7	9.127	1192	1197	1200	rBV	1174811	886110	66.08%	6.270%
8	9.522	1261	1264	1269	rVB	110688	86707	6.47%	0.614%
9	9.810	1306	1313	1316	rBV	1545381	1340881	100.00%	9.488%
10	10.592	1442	1446	1451	rBV	534973	435175	32.45%	3.079%
11	10.716	1464	1467	1473	rBV4	10744	15367	1.15%	0.109%
12	11.292	1561	1565	1568	rBV	1434851	1158081	86.37%	8.195%
13	11.692	1630	1633	1636	rVB	150932	111149	8.29%	0.786%
14	11.821	1652	1655	1665	rBV2	109689	130075	9.70%	0.920%
15	11.998	1683	1685	1689	rBV4	9813	15456	1.15%	0.109%
16	12.380	1746	1750	1752	rBV	712968	635301	47.38%	4.495%
17	12.398	1752	1753	1761	rVB	450376	407300	30.38%	2.882%
18	12.486	1765	1768	1770	rBV	79871	68448	5.10%	0.484%
19	12.533	1774	1776	1782	rVB7	15346	22063	1.65%	0.156%
20	12.610	1786	1789	1796	rBV	60825	71153	5.31%	0.503%
21	12.710	1803	1806	1808	rBV	183852	148265	11.06%	1.049%
22	12.733	1808	1810	1812	rVV	26585	21047	1.57%	0.149%
23	12.763	1812	1815	1817	rVV	22016	21998	1.64%	0.156%
24	12.786	1817	1819	1823	rVB2	30083	27665	2.06%	0.196%
25	12.880	1831	1835	1838	rBV	794131	666666	49.72%	4.717%
26	13.063	1863	1866	1870	rBV6	17085	21377	1.59%	0.151%
27	13.121	1873	1876	1880	rVV	24253	29261	2.18%	0.207%
28	13.368	1914	1918	1922	rVB	59260	61214	4.57%	0.433%
29	13.415	1922	1926	1929	rBV	149524	126890	9.46%	0.898%
30	13.463	1931	1934	1936	rBV	36023	34304	2.56%	0.243%
31	13.792	1987	1990	1995	rBV4	54409	90330	6.74%	0.639%
32	13.933	2010	2014	2020	rVB	916157	834987	62.27%	5.908%
33	14.110	2041	2044	2048	rVB	40134	39414	2.94%	0.279%
34	14.410	2093	2095	2098	rBV	48331	47171	3.52%	0.334%

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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 >
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35	14.509	2109	2112	2115	rBV5	24756	31697	2.36%	0.224%
36	14.715	2144	2147	2148	rBV	43945	36169	2.70%	0.256%
37	15.104	2210	2213	2217	rBV5	37739	74074	5.52%	0.524%
38	15.333	2251	2252	2254	rBV2	32506	28376	2.12%	0.201%
39	15.368	2254	2258	2262	rVV	582410	707105	52.73%	5.004%
40	15.839	2334	2338	2341	rBV5	49315	70992	5.29%	0.502%
41	15.962	2356	2359	2361	rBV3	30429	38253	2.85%	0.271%
42	16.162	2390	2393	2394	rBV2	31928	33779	2.52%	0.239%
43	16.327	2416	2421	2423	rBV3	50307	70376	5.25%	0.498%
44	16.474	2444	2446	2452	rVB5	56363	82482	6.15%	0.584%
45	16.615	2464	2470	2479	rVB4	103078	300717	22.43%	2.128%
46	16.974	2529	2531	2537	rBV7	24891	33856	2.52%	0.240%
47	17.103	2549	2553	2562	rVB10	55221	124742	9.30%	0.883%
48	17.362	2595	2597	2603	rBV7	28581	52093	3.88%	0.369%
49	17.850	2676	2680	2682	rBV4	24631	39636	2.96%	0.280%
50	18.039	2711	2712	2715	rBV3	21306	19897	1.48%	0.141%
51	18.403	2771	2774	2777	rBV4	26485	42757	3.19%	0.303%

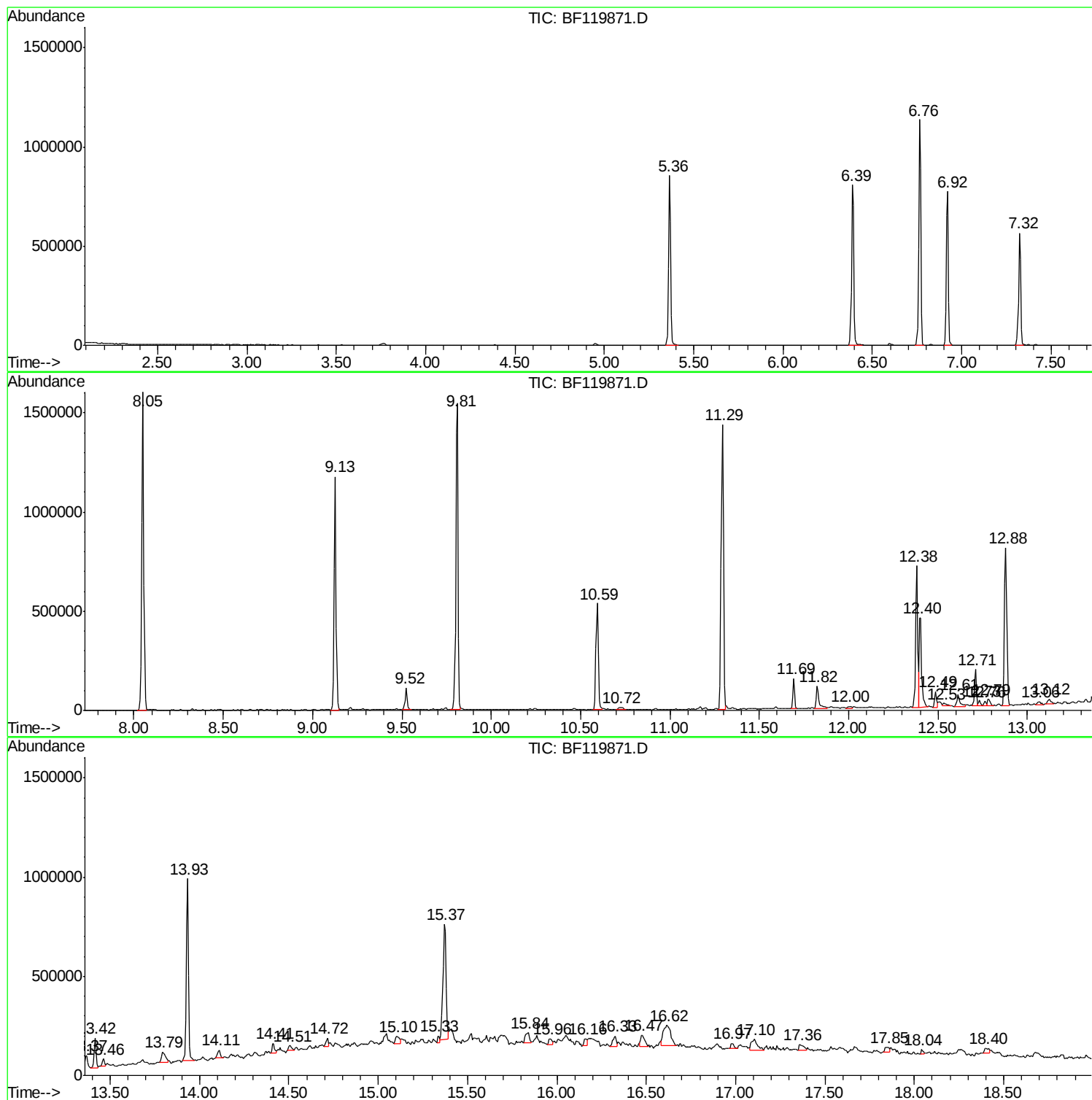
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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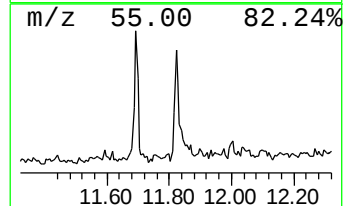
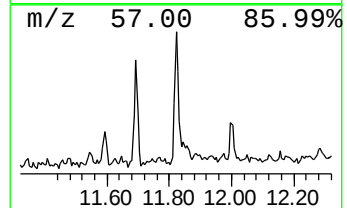
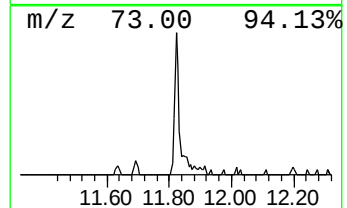
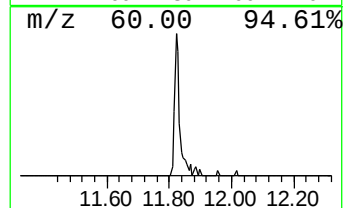
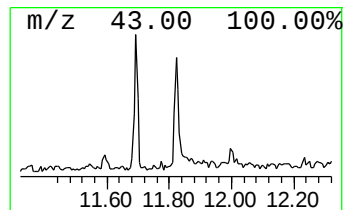
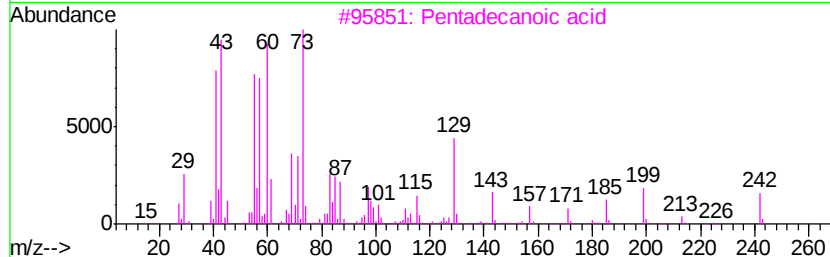
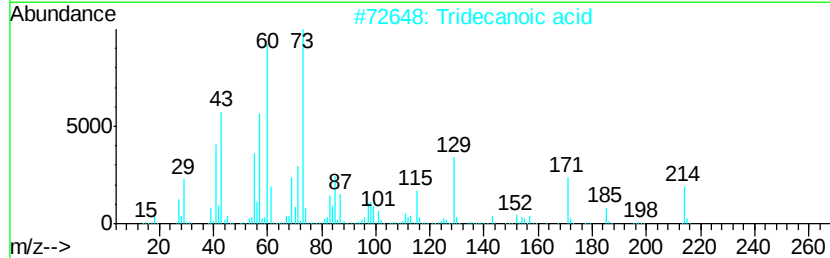
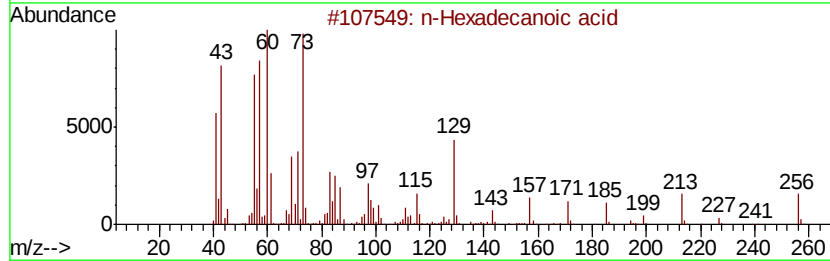
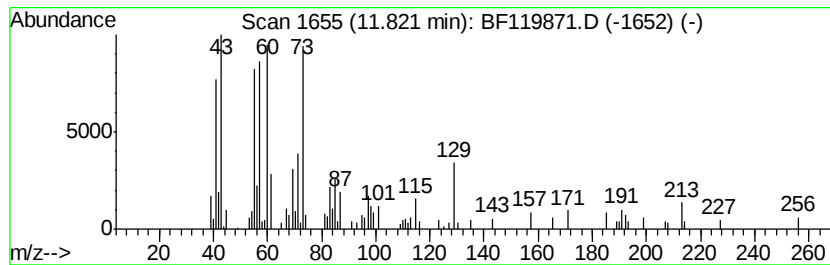
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.25 ng	130075	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Undecanoic acid	186	C11H22O2	000112-37-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	80



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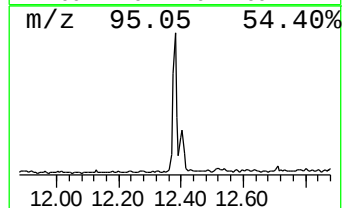
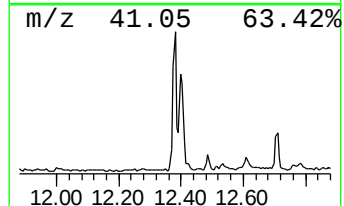
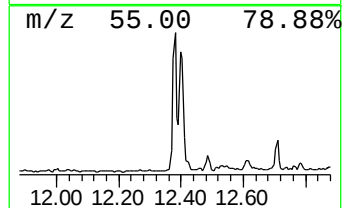
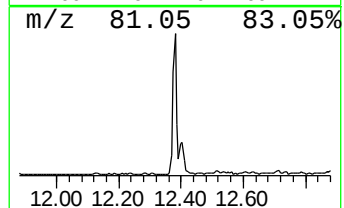
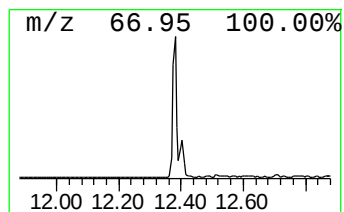
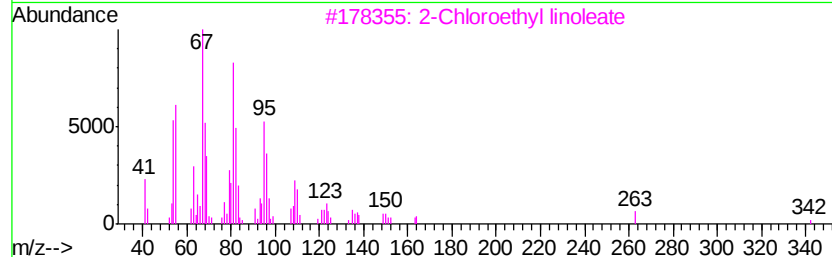
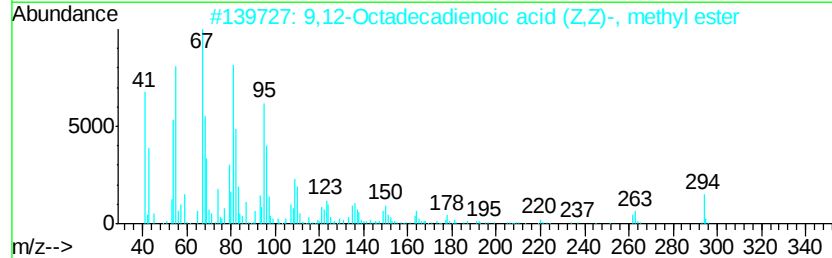
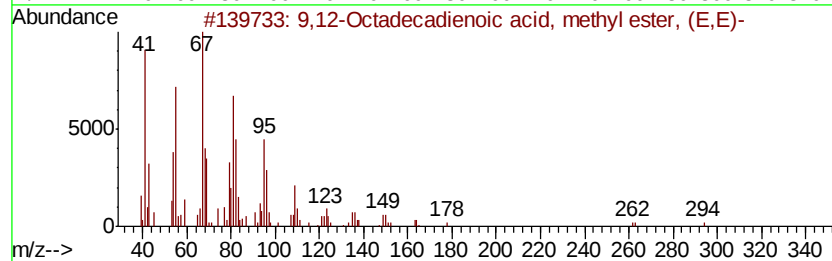
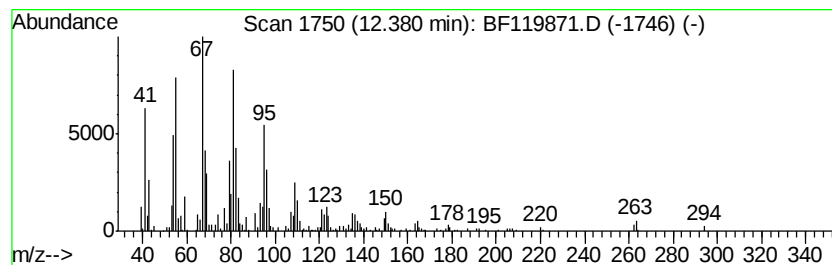
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.38	10.97 ng	635301	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97	
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	95	
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93	
5	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	92	



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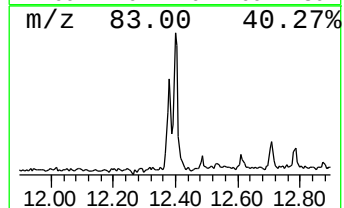
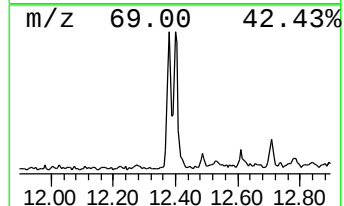
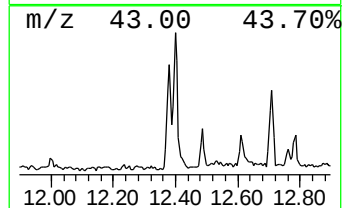
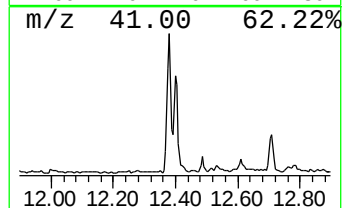
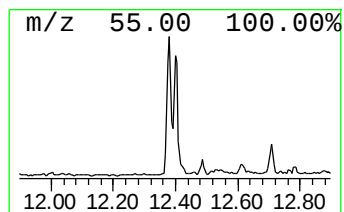
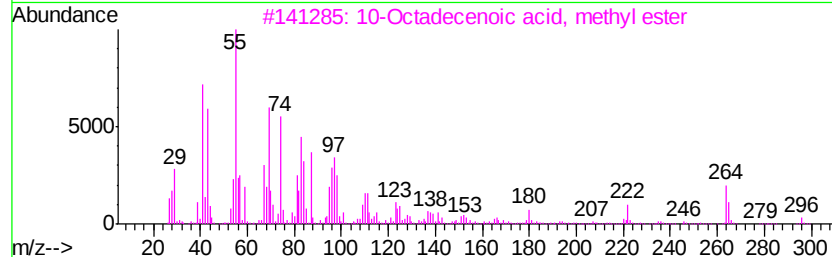
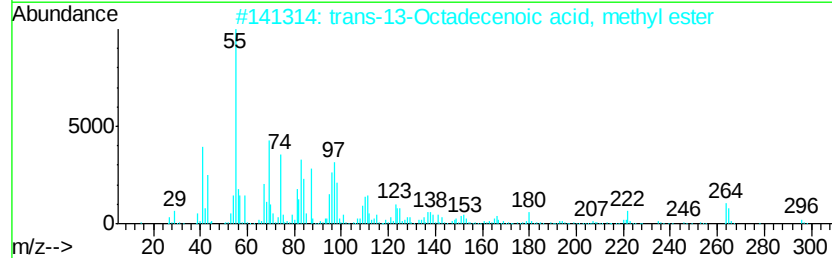
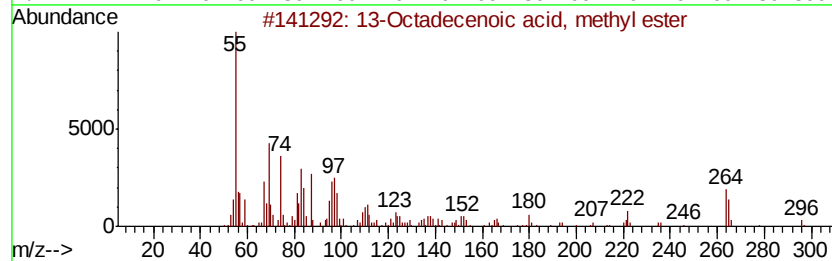
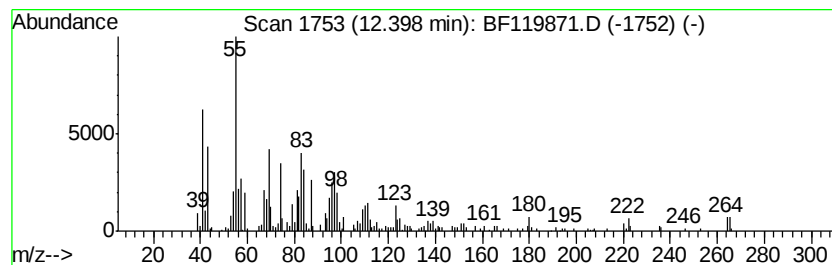
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 13-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.40	7.03 ng	407300	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
4	13-Methyltetradec-9-enoic acid m...	254	C16H30O2	1000365-89-8	83
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81



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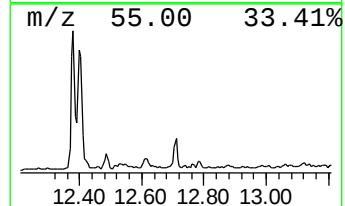
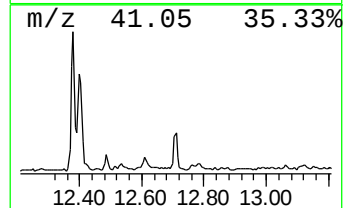
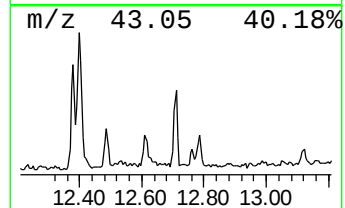
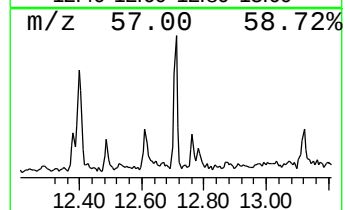
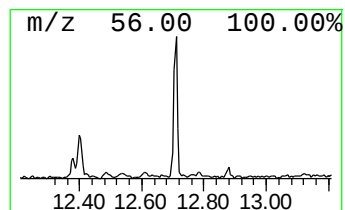
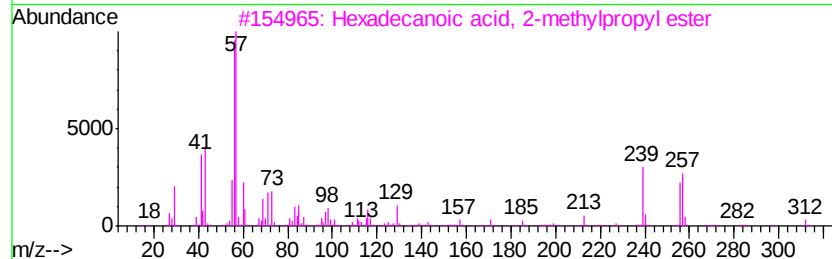
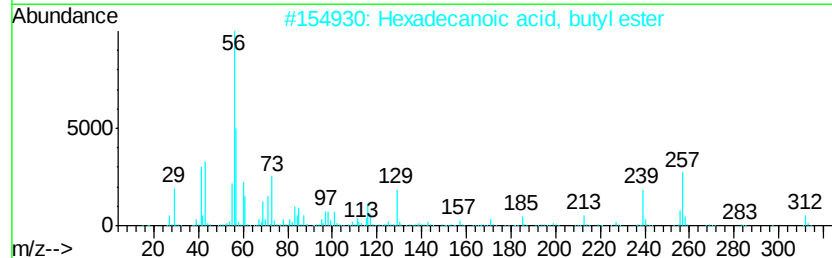
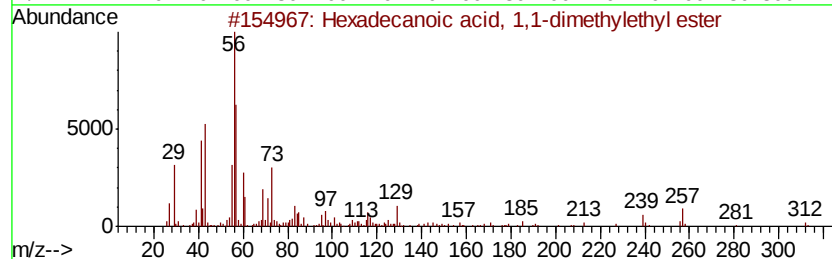
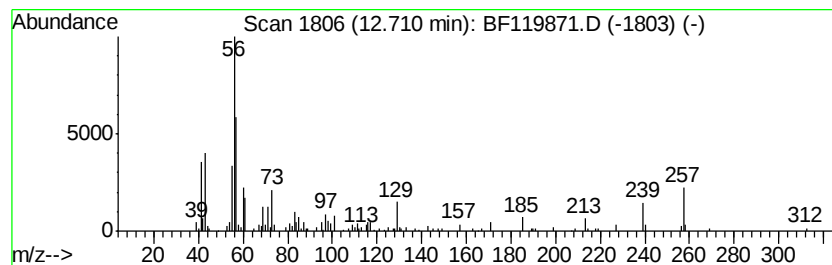
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.55 ng	148265	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3			Hexadecanoic acid, 2-methylpropv...	312	C20H40O2	000110-34-9	50
4			Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5			Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38



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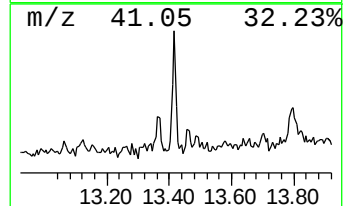
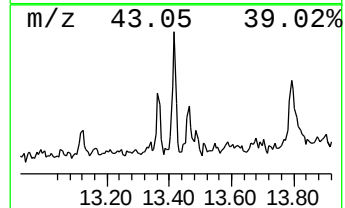
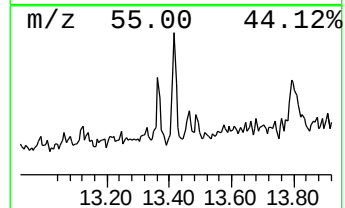
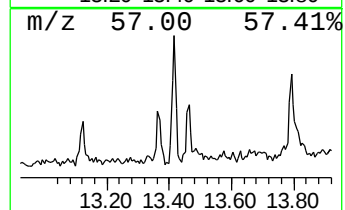
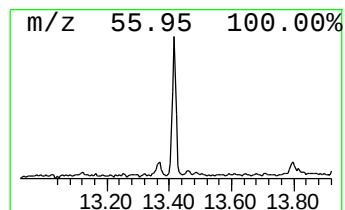
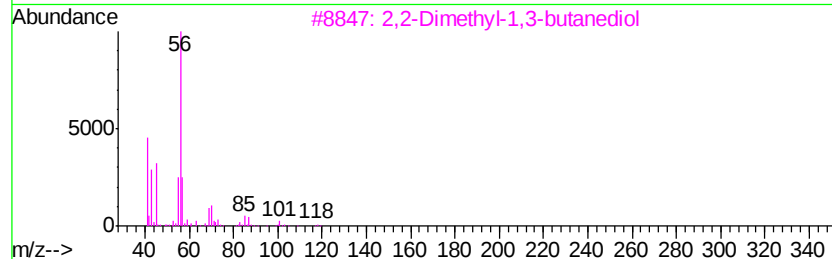
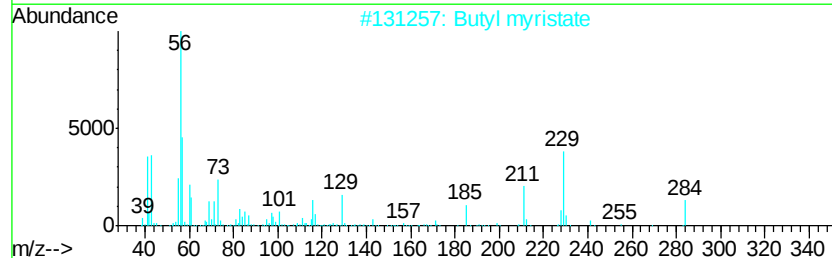
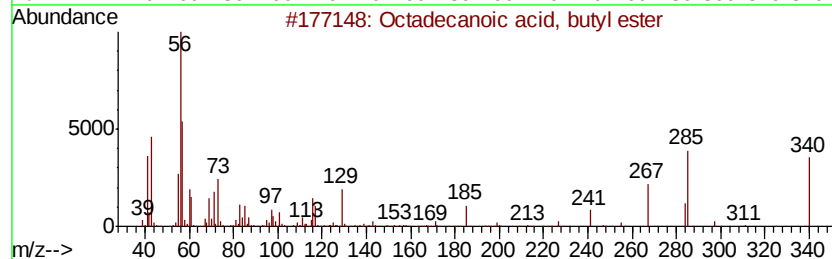
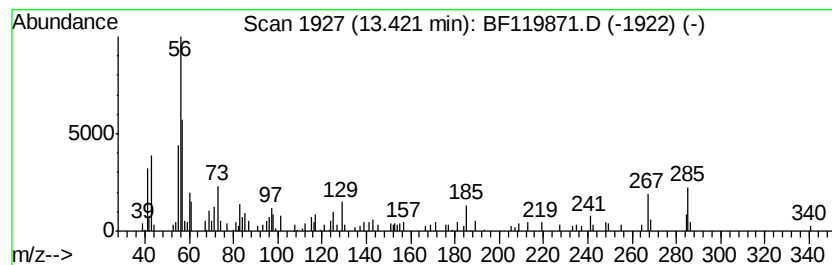
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.04 ng	126890	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2			Butyl myristate	284	C18H36O2	000110-36-1	80
3			2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	43
4			Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	43
5			Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119871.D
Acq On : 9 Apr 2020 16:03
Operator : MA/SJ
Sample : L2110-01 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-040220

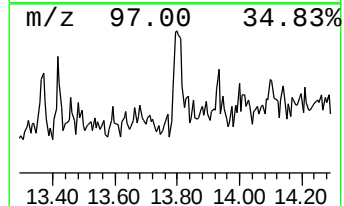
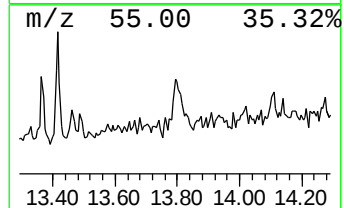
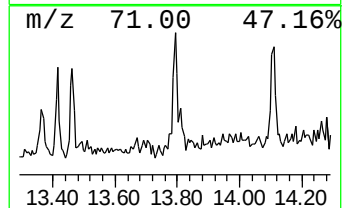
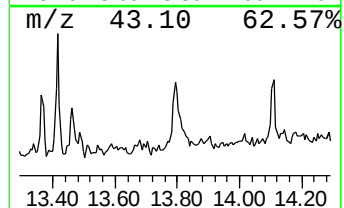
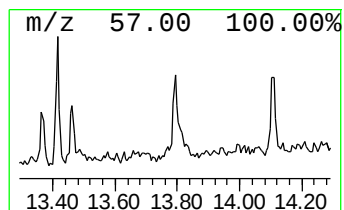
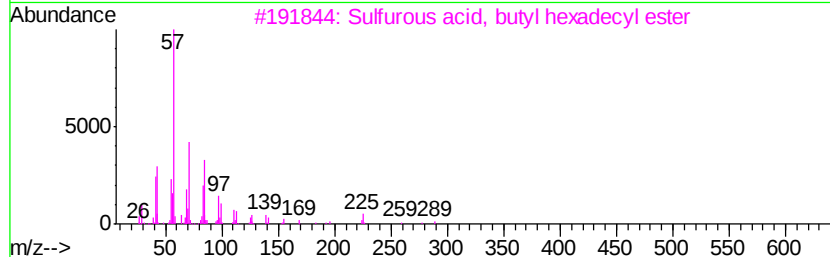
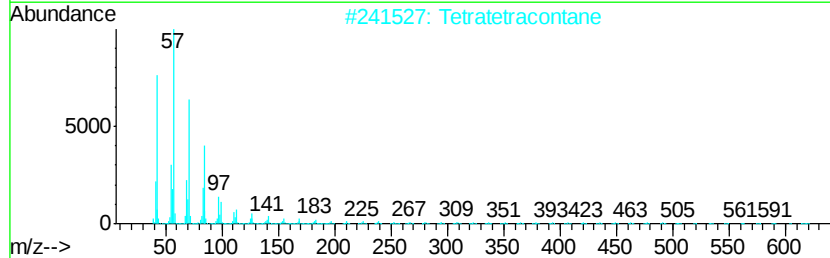
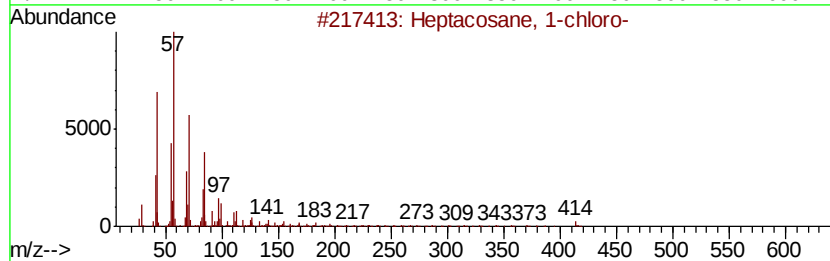
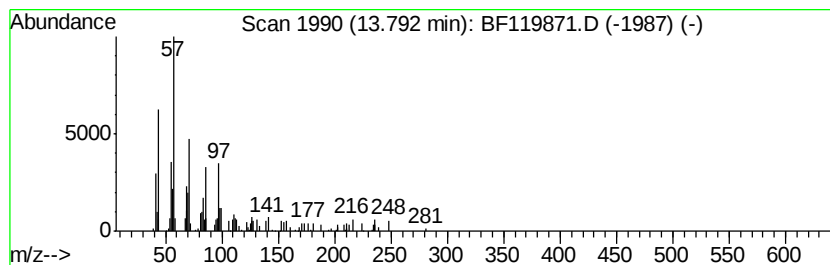
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.79 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.16 ng	90330	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49
2		Tetratetracontane	619	C44H90	007098-22-8	49
3		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	49
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	49
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119871.D
Acq On : 9 Apr 2020 16:03
Operator : MA/SJ
Sample : L2110-01 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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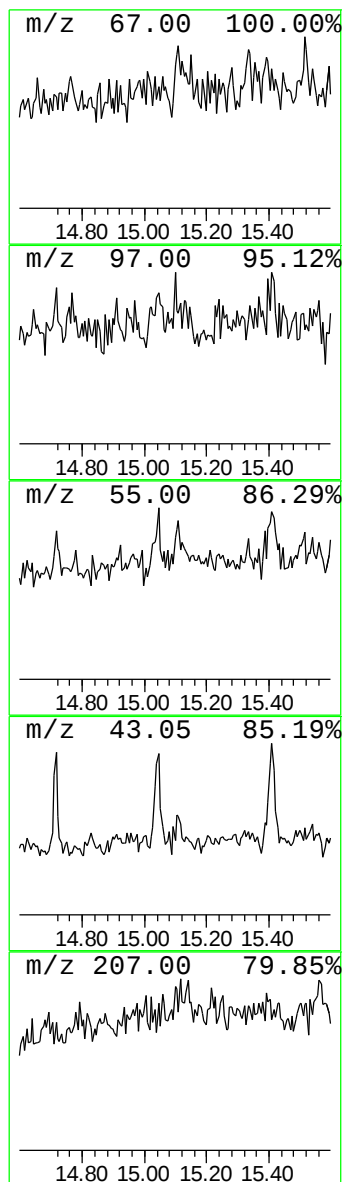
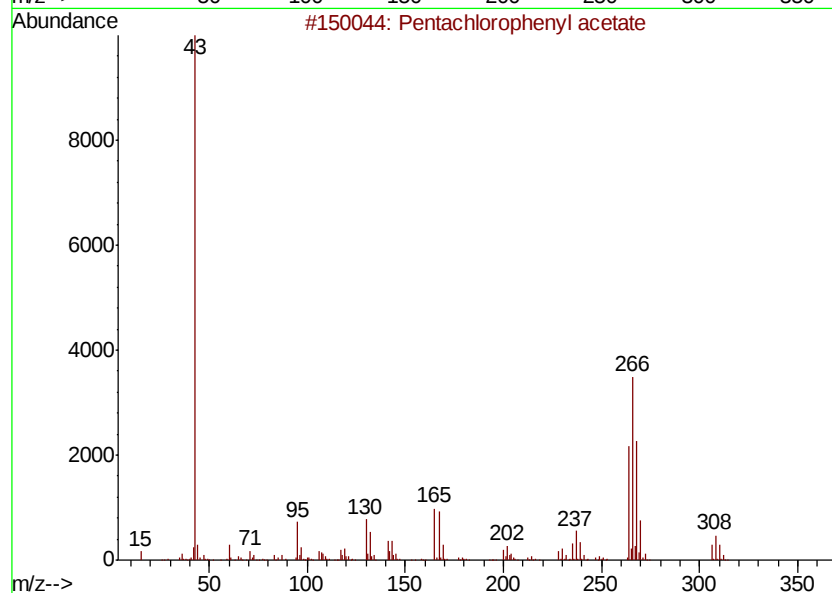
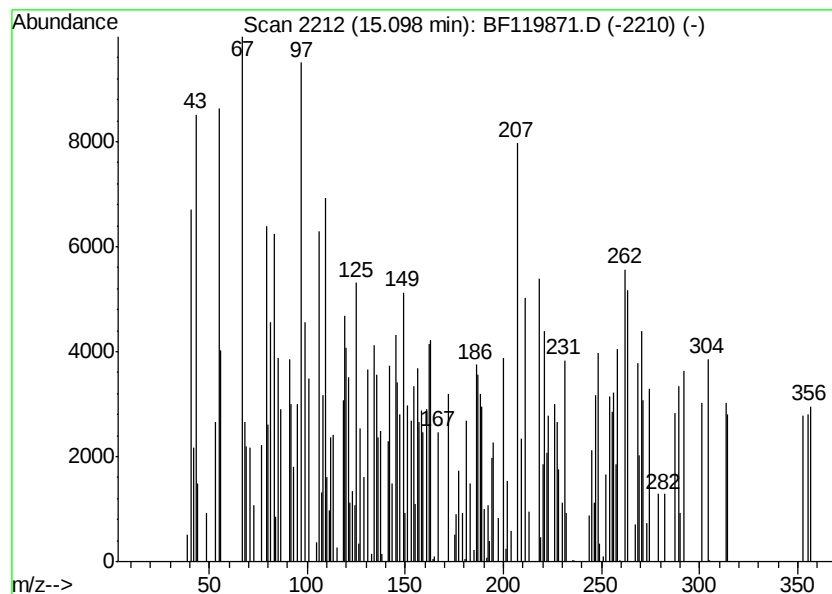
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown15.10 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.10 ng	74074	Perylene-d12	15.37

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentachlorophenyl acetate		306	C8H3Cl5O2	001441-02-7	4



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119871.D
Acq On : 9 Apr 2020 16:03
Operator : MA/SJ
Sample : L2110-01 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

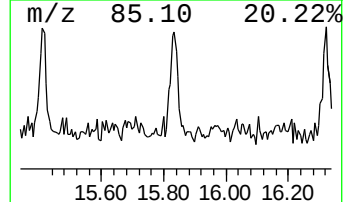
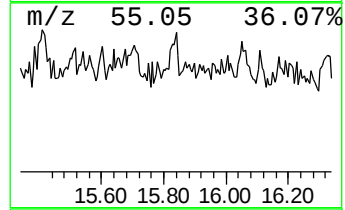
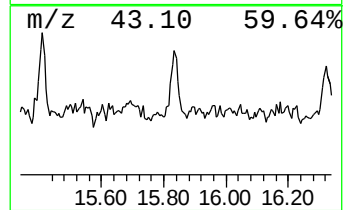
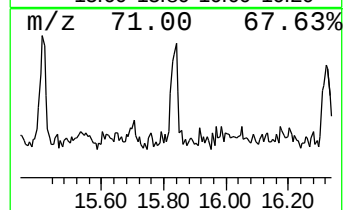
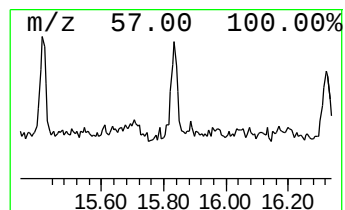
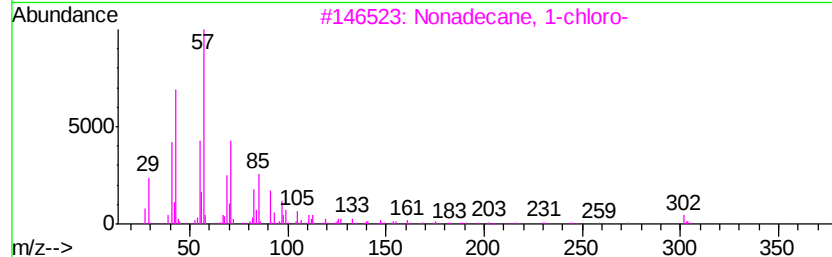
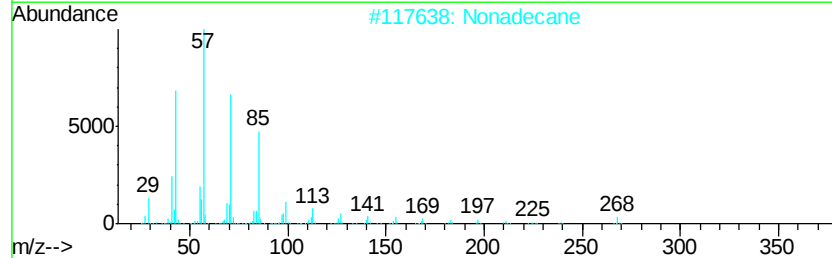
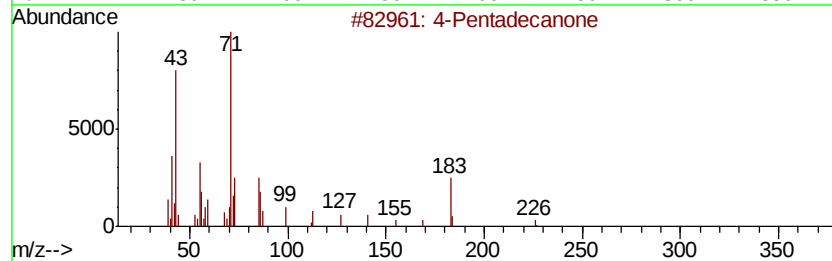
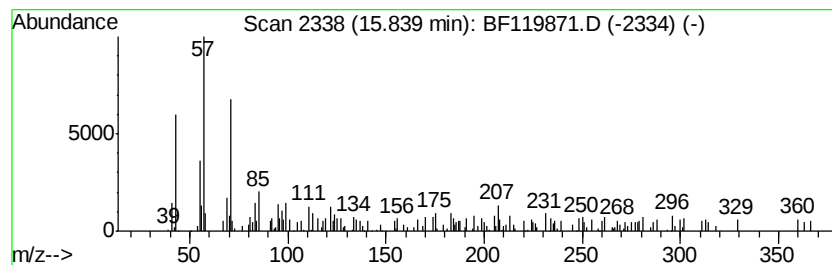
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4-Pentadecanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.01 ng	70992	Perylene-d12	15.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Pentadecanone	226 C15H30O	000925-51-9	78
2	Nonadecane	268 C19H40	000629-92-5	59
3	Nonadecane, 1-chloro-	302 C19H39Cl	062016-76-6	46
4	Hexadecane	226 C16H34	000544-76-3	42
5	Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Acq On : 9 Apr 2020 16:03
Operator : MA/SJ
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ALS Vial : 48 Sample Multiplier: 1

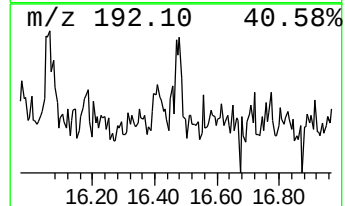
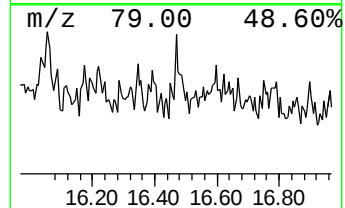
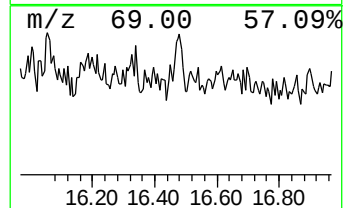
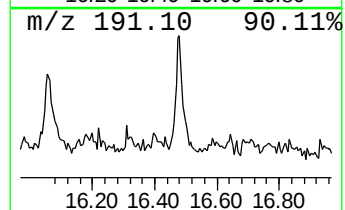
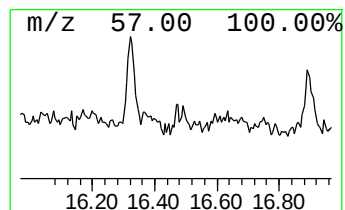
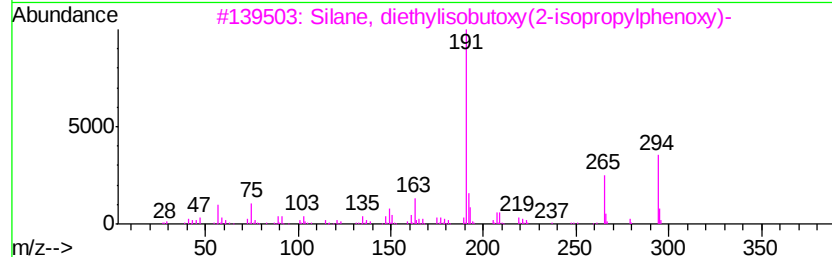
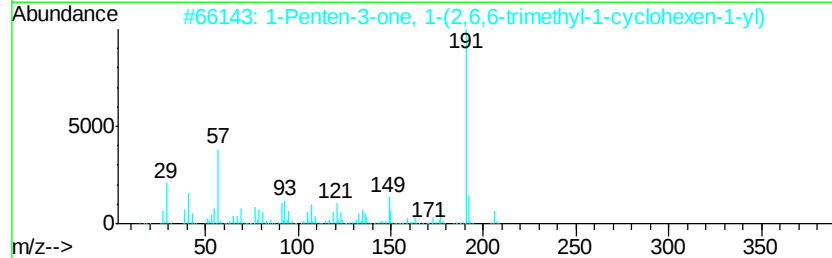
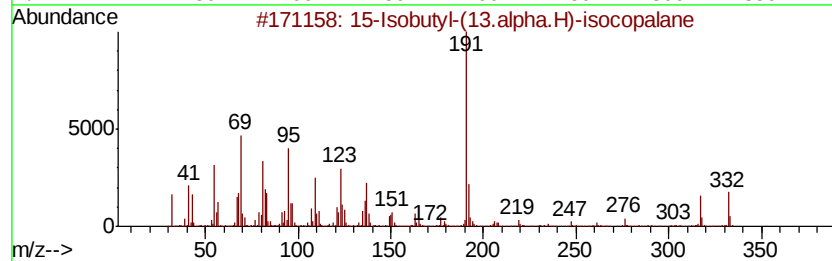
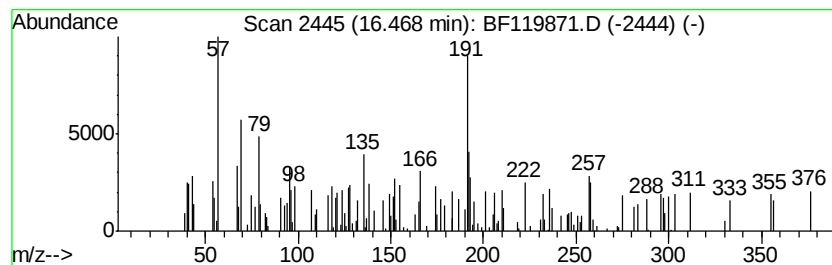
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 15-Isobutyl-(13.alpha.H)-is... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.47	2.33 ng	82482	Perylene-d12	15.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	50
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
3		Silane, diethylisobutoxy(2-isopr...	294	C17H30O2Si	1000363-84-6	43
4		Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	41
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119871.D
Acq On : 9 Apr 2020 16:03
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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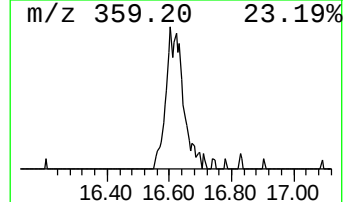
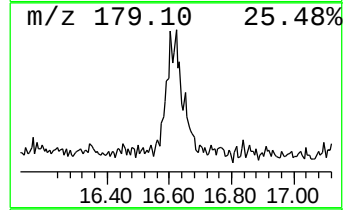
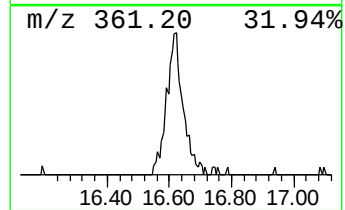
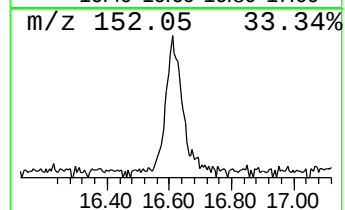
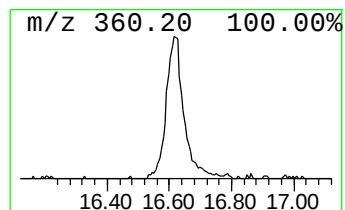
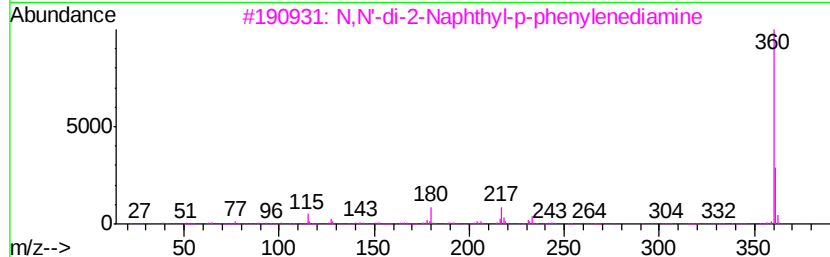
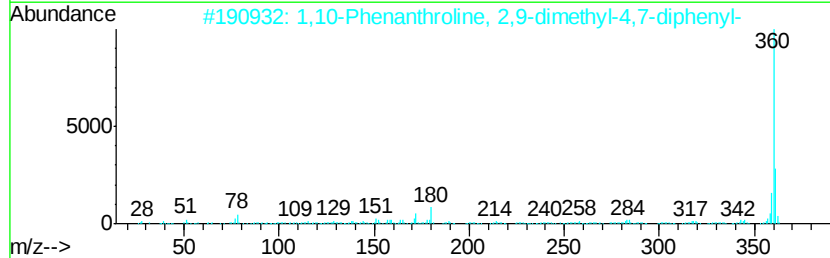
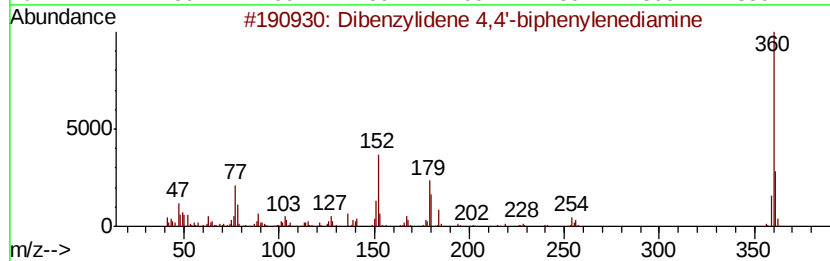
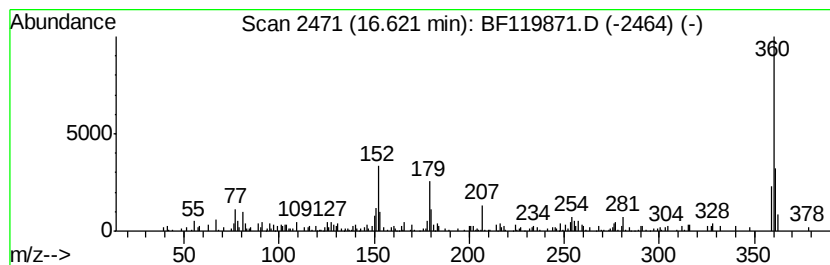
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzylidene 4,4'-biphenyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	8.51 ng	300717	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	90
2			1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	70
3			N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	60
4			Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	58
5			5-p-Chlorophenylthio-6-methoxy-2...	360	C17H13ClN2O3S	1000214-45-1	47



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Misc :
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ClientSampleId :
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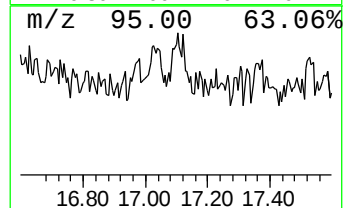
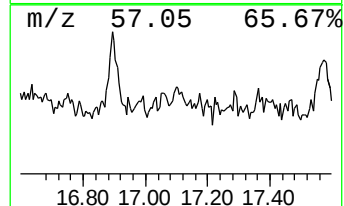
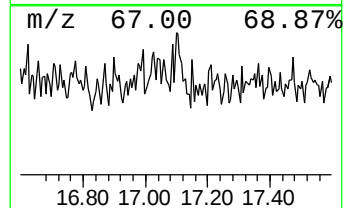
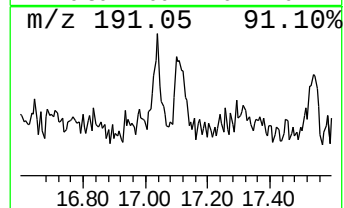
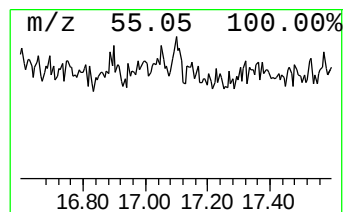
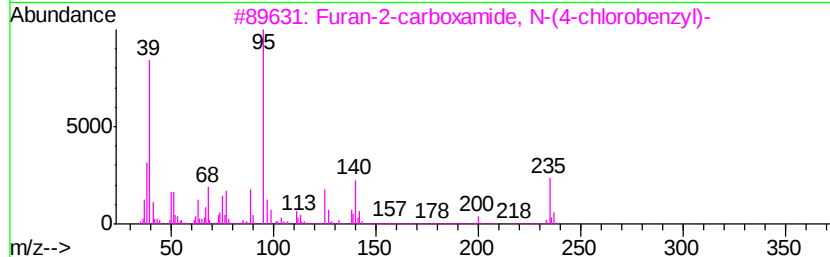
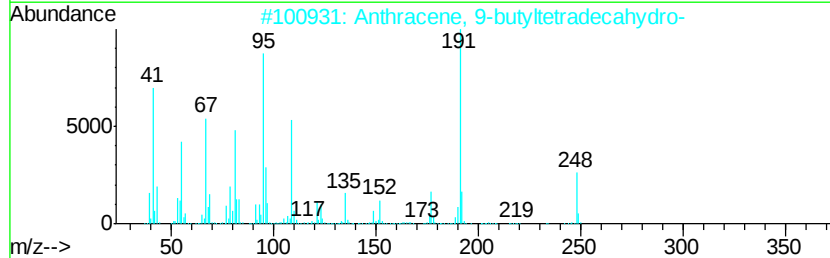
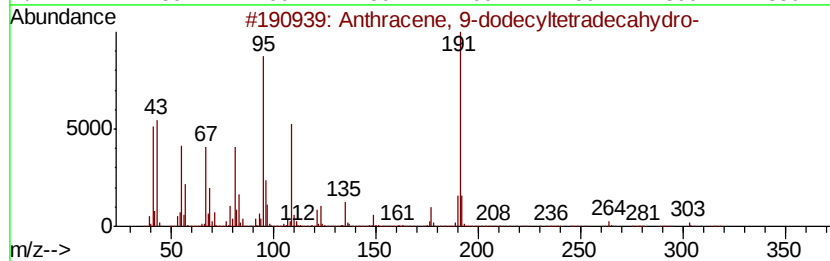
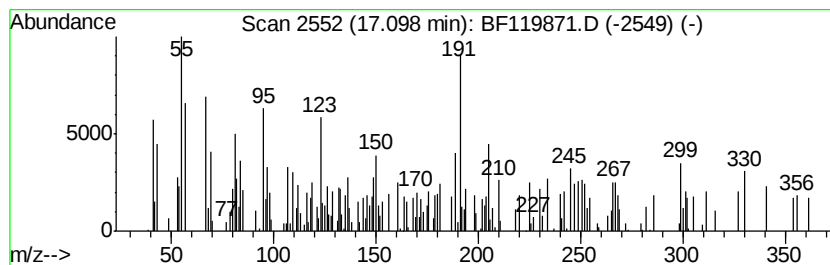
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.10 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	3.53 ng	124742	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	27
2			Anthracene, 9-butyldodecyltetradecahydro-	248	C18H32	055133-89-6	25
3			Furan-2-carboxamide, N-(4-chloro...	235	C12H10ClN02	1000259-35-4	11
4			1,3-Benzoxazol-2-amine tbdms	248	C13H20N2OSi	1000332-44-4	11
5			Thiophosphinic acid, di-tert-but...	208	C8H21N2PS	1000296-42-0	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
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 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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
n-Hexadecanoic acid	11.82	2.3	ng	130075	4	11.29	1158080	20.0
9,12-Octadecadien...	12.38	11.0	ng	635301	4	11.29	1158080	20.0
13-Octadecenoic a...	12.40	7.0	ng	407300	4	11.29	1158080	20.0
Hexadecanoic acid...	12.71	3.5	ng	148265	5	13.93	834987	20.0
Octadecanoic acid...	13.42	3.0	ng	126890	5	13.93	834987	20.0
unknown13.79	13.79	2.2	ng	90330	5	13.93	834987	20.0
unknown15.10	15.10	2.1	ng	74074	6	15.37	707105	20.0
4-Pentadecanone	15.84	2.0	ng	70992	6	15.37	707105	20.0
15-Isobutyl-(13.a...	16.47	2.3	ng	82482	6	15.37	707105	20.0
Dibenzylidene 4,4...	16.62	8.5	ng	300717	6	15.37	707105	20.0
unknown17.10	17.10	3.5	ng	124742	6	15.37	707105	20.0