

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109268.D
 Acq On : 24 Sep 2018 15:34
 Operator : JU/SJ
 Sample : J4770-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-C

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-BF092218.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	4.887	473	476	487	rBV	31259	35496	1.27%	0.170%
2	5.310	544	548	557	rVB	1063922	923281	33.07%	4.427%
3	6.340	719	723	726	rBV	1221313	967419	34.65%	4.639%
4	6.475	742	746	749	rBV	1164513	1004953	35.99%	4.819%
5	6.704	782	785	789	rBV	816961	684634	24.52%	3.283%
6	6.863	808	812	815	rBV	1023659	785147	28.12%	3.765%
7	7.263	876	880	883	rBV	754817	592388	21.22%	2.840%
8	7.987	1000	1003	1007	rBV	1100549	892397	31.96%	4.279%
9	9.063	1182	1186	1189	rBV	1448861	1104240	39.55%	5.295%
10	9.157	1196	1202	1205	rBV4	31784	39131	1.40%	0.188%
11	9.457	1250	1253	1256	rBV	313540	251852	9.02%	1.208%
12	9.686	1289	1292	1295	rBV	41345	36454	1.31%	0.175%
13	9.739	1297	1301	1304	rVV	1105409	952007	34.10%	4.565%
14	9.939	1328	1335	1339	rVB5	28011	41308	1.48%	0.198%
15	10.180	1374	1376	1379	rVB	65241	45463	1.63%	0.218%
16	10.404	1410	1414	1417	rBV2	38298	39549	1.42%	0.190%
17	10.516	1430	1433	1438	rBV	634703	576882	20.66%	2.766%
18	10.651	1454	1456	1463	rVB	98428	126540	4.53%	0.607%
19	11.098	1529	1532	1535	rBV2	99207	86697	3.10%	0.416%
20	11.133	1535	1538	1541	rVB	47722	46338	1.66%	0.222%
21	11.216	1548	1552	1554	rBV	969485	844841	30.26%	4.051%
22	11.233	1554	1555	1559	rVV	257687	199487	7.14%	0.957%
23	11.286	1559	1564	1567	rVB	69980	74044	2.65%	0.355%
24	11.522	1601	1604	1607	rBV	72950	69996	2.51%	0.336%
25	11.622	1618	1621	1624	rBV	706683	553129	19.81%	2.652%
26	11.716	1634	1637	1639	rBV	33713	31554	1.13%	0.151%
27	11.751	1639	1643	1647	rVB2	64176	86287	3.09%	0.414%
28	11.822	1652	1655	1658	rBV2	60907	68943	2.47%	0.331%
29	11.927	1670	1673	1679	rVB	79923	82920	2.97%	0.398%
30	12.027	1688	1690	1694	rVB5	30152	29118	1.04%	0.140%
31	12.304	1733	1737	1739	rBV	2857079	2792197	100.00%	13.389%
32	12.327	1739	1741	1744	rVB	2382663	1763084	63.14%	8.454%
33	12.416	1752	1756	1759	rBV2	608430	703542	25.20%	3.373%
34	12.457	1761	1763	1767	rVV3	43550	45671	1.64%	0.219%

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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

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35	12.645	1790	1795	1799	rBV	440205	429011	15.36%	2.057%
36	12.686	1799	1802	1810	rVB3	60164	84615	3.03%	0.406%
37	12.792	1817	1820	1824	rBV	963869	847877	30.37%	4.066%
38	12.969	1847	1850	1857	rBV3	78994	112378	4.02%	0.539%
39	13.045	1859	1863	1867	rBV3	77918	108502	3.89%	0.520%
40	13.133	1875	1878	1881	rBV	68131	55234	1.98%	0.265%
41	13.204	1887	1890	1892	rBV2	28052	32734	1.17%	0.157%
42	13.239	1894	1896	1900	rVV4	31868	33071	1.18%	0.159%
43	13.380	1918	1920	1925	rVB	45246	42882	1.54%	0.206%
44	13.710	1973	1976	1983	rVB	113057	133182	4.77%	0.639%
45	13.798	1989	1991	1994	rBV2	46119	45201	1.62%	0.217%
46	13.839	1994	1998	2001	rVV2	967486	1012548	36.26%	4.855%
47	13.863	2001	2002	2005	rVB	147062	100197	3.59%	0.480%
48	14.027	2027	2030	2033	rBV2	57676	57843	2.07%	0.277%
49	14.621	2129	2131	2137	rBV3	67831	102604	3.67%	0.492%
50	14.845	2166	2169	2179	rVB	131880	257332	9.22%	1.234%
51	15.127	2214	2217	2223	rVB	109882	130442	4.67%	0.625%
52	15.180	2223	2226	2230	rBV	116296	124756	4.47%	0.598%
53	15.245	2233	2237	2240	rBV	540351	567789	20.33%	2.723%

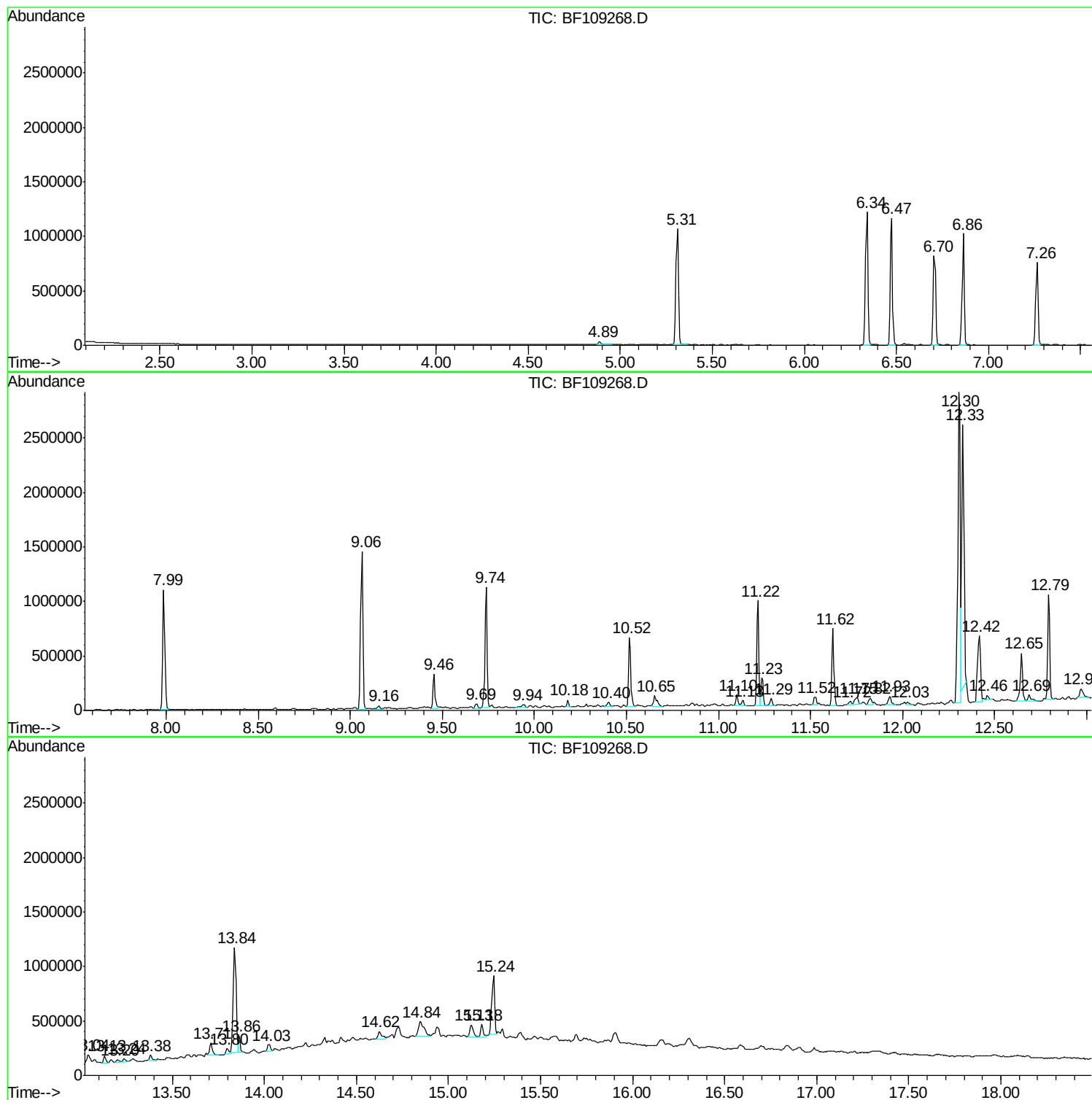
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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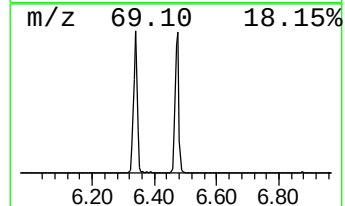
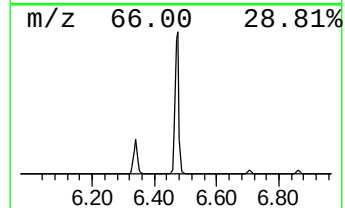
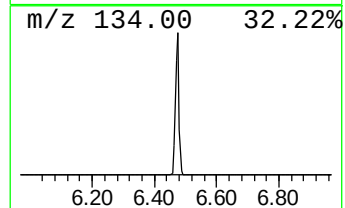
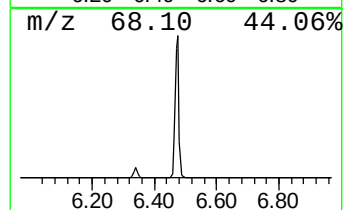
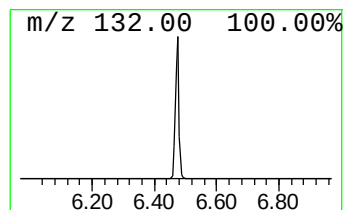
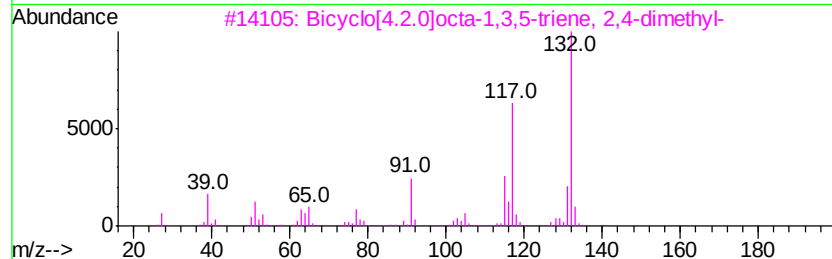
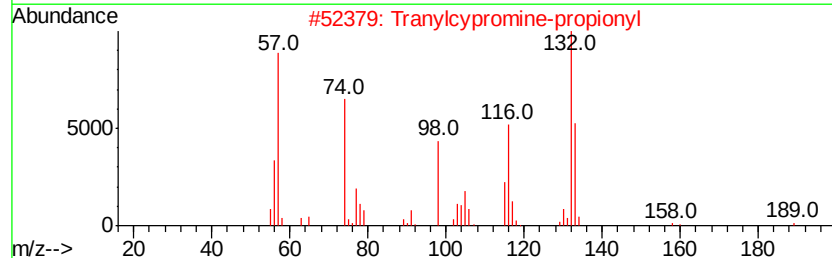
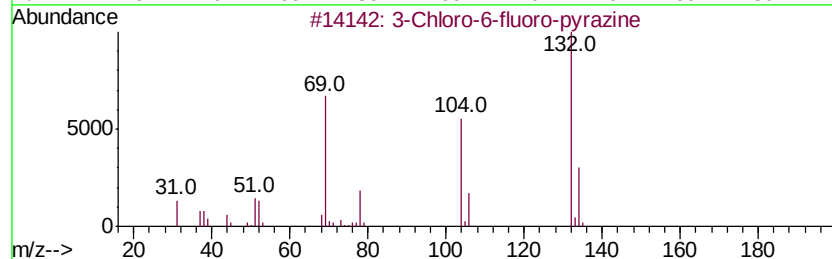
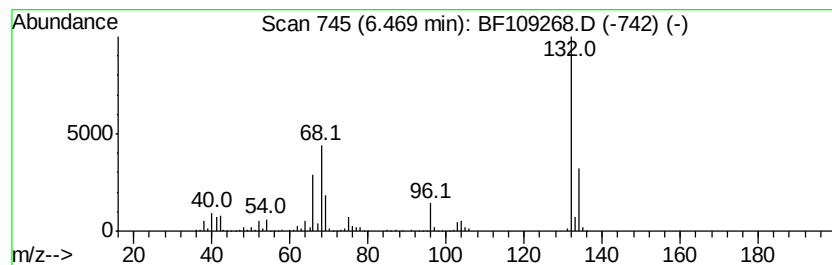
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	29.36 ng	1004950	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	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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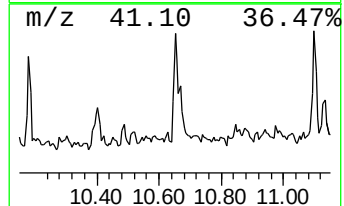
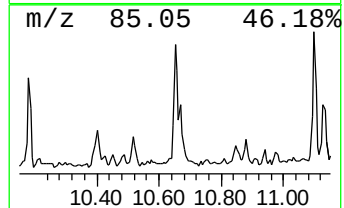
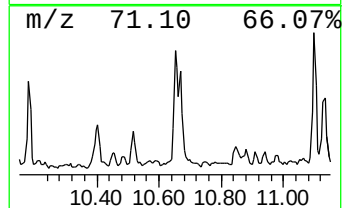
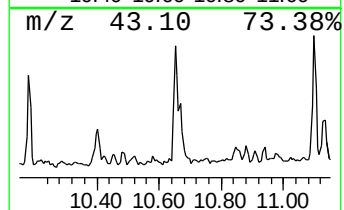
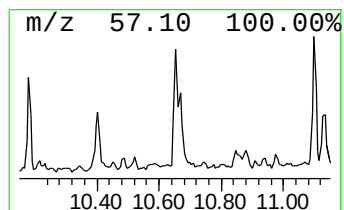
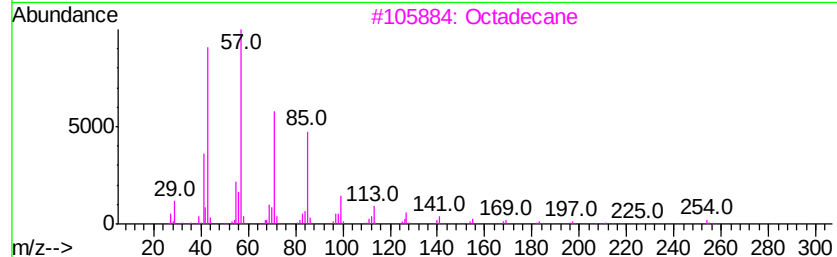
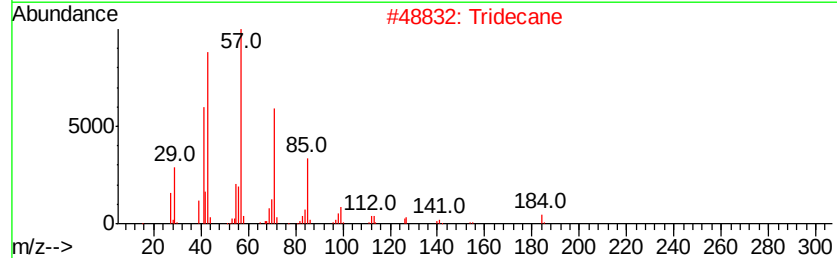
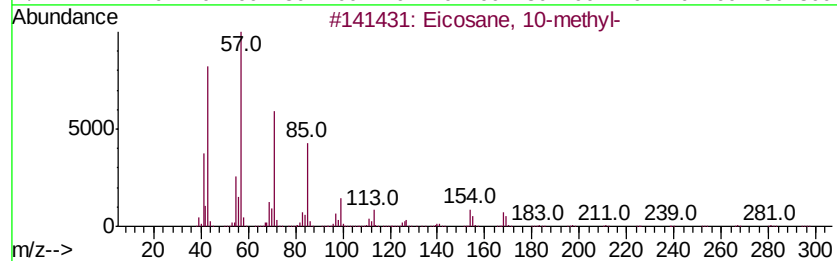
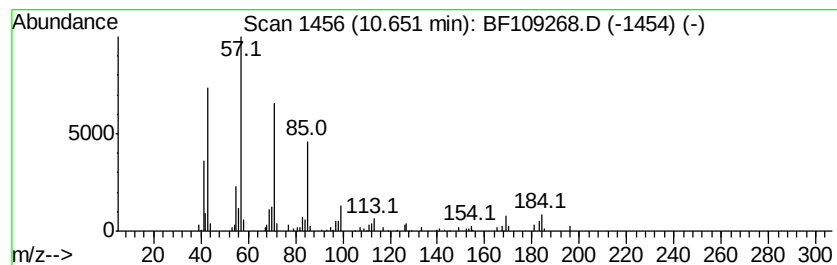
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.65	3.00 ng	126540	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Octadecane	254	C18H38	000593-45-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Octacosane	394	C28H58	000630-02-4	80



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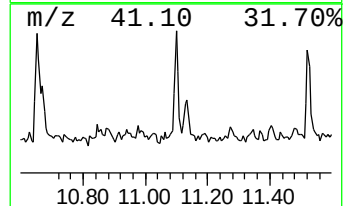
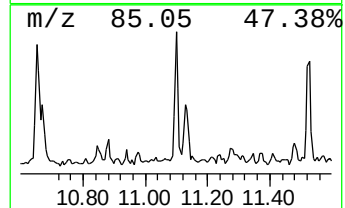
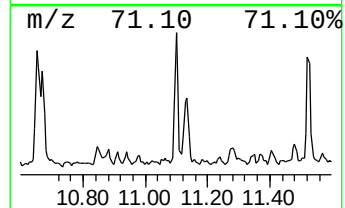
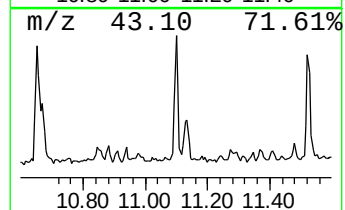
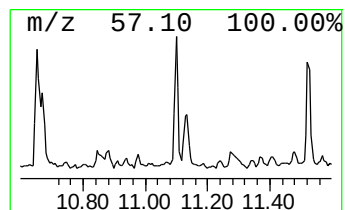
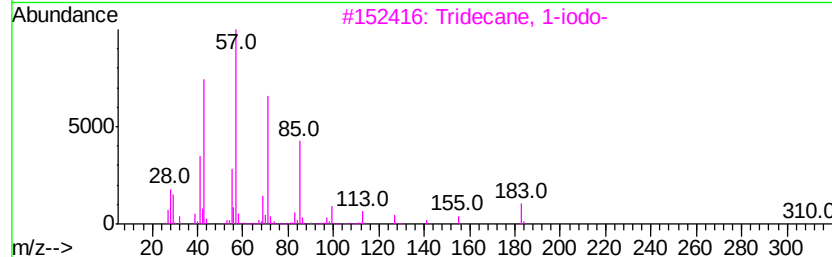
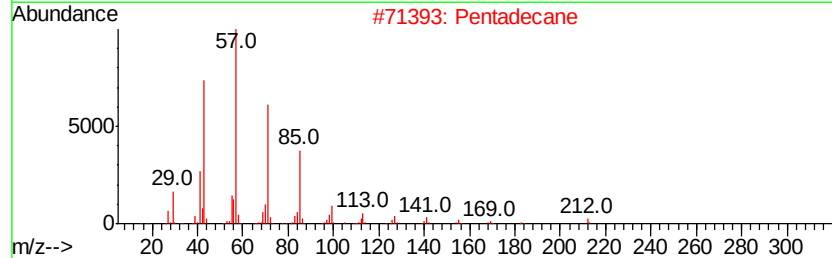
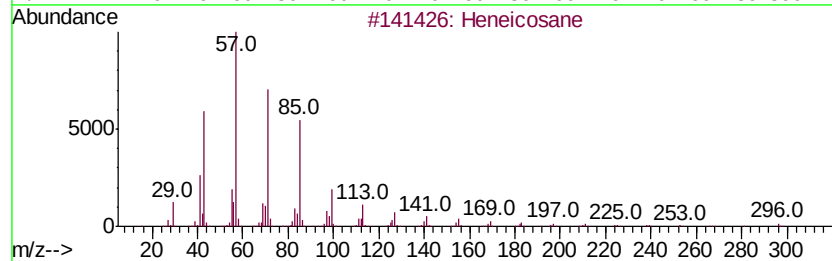
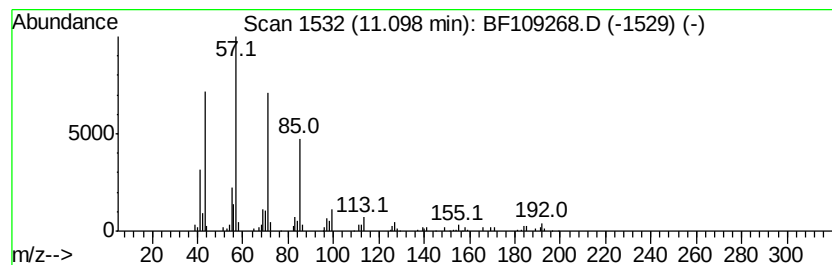
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.05 ng	86697	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentadecane		212	C15H32	000629-62-9	87
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
4	Tetracosane		338	C24H50	000646-31-1	87
5	Octacosane		394	C28H58	000630-02-4	86



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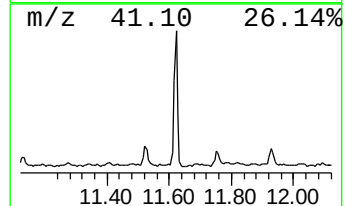
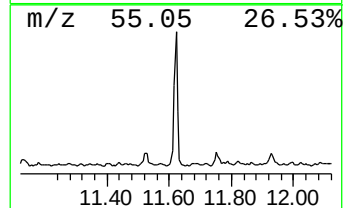
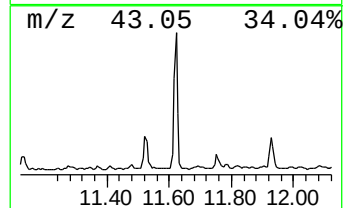
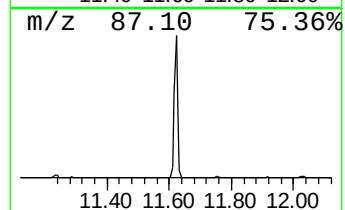
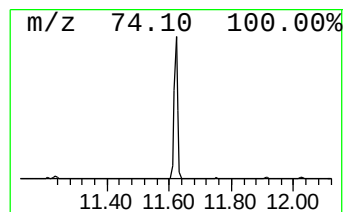
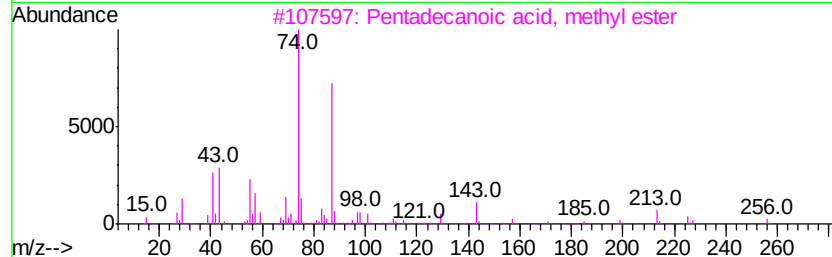
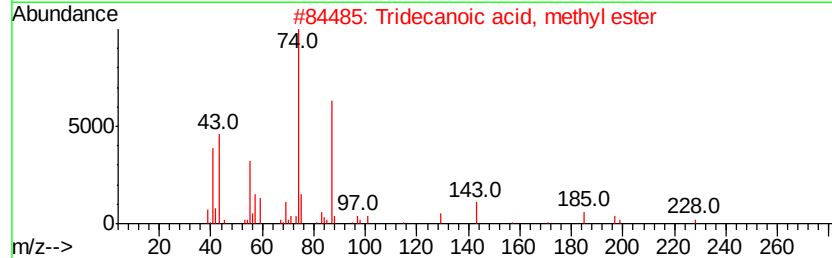
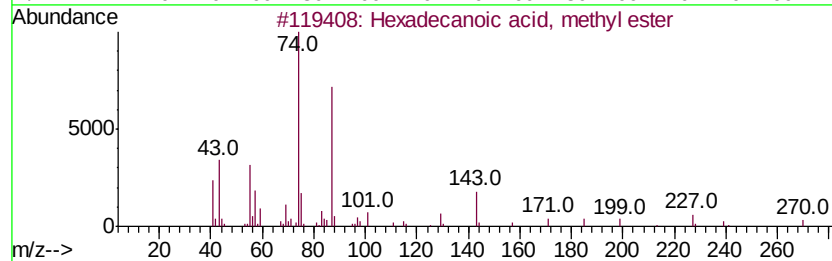
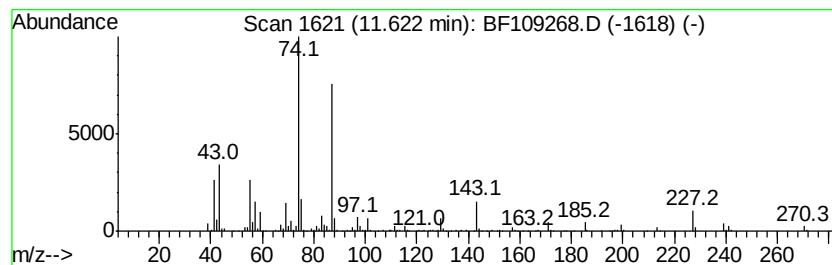
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	13.09 ng	553129	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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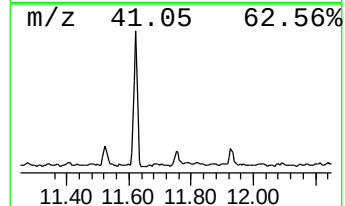
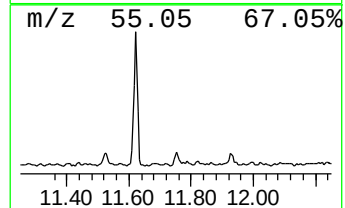
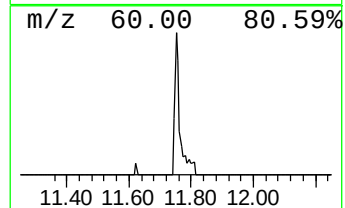
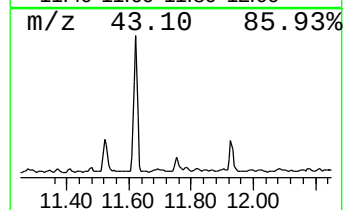
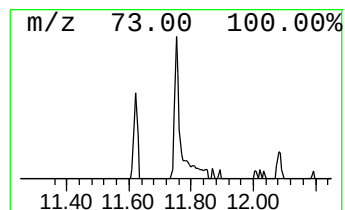
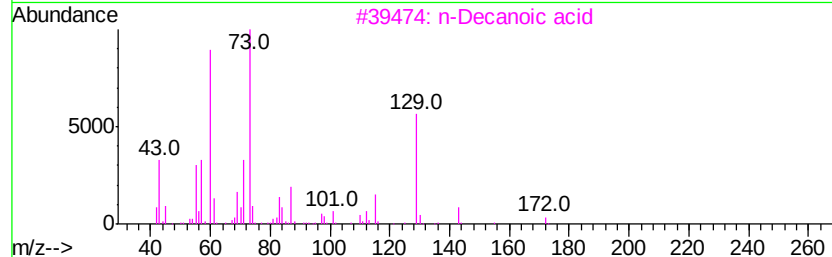
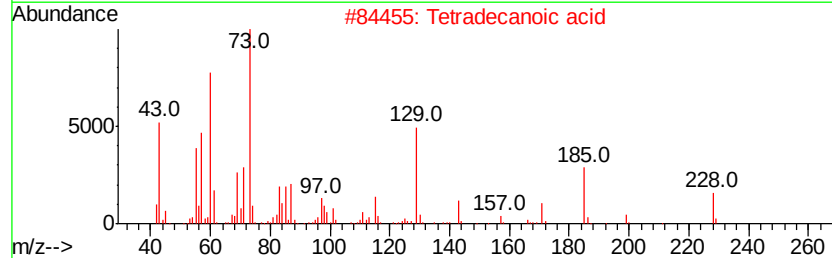
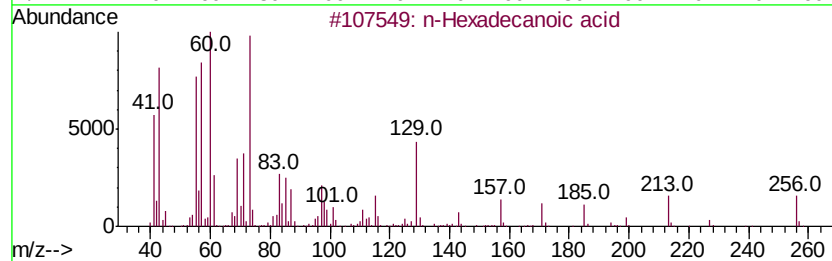
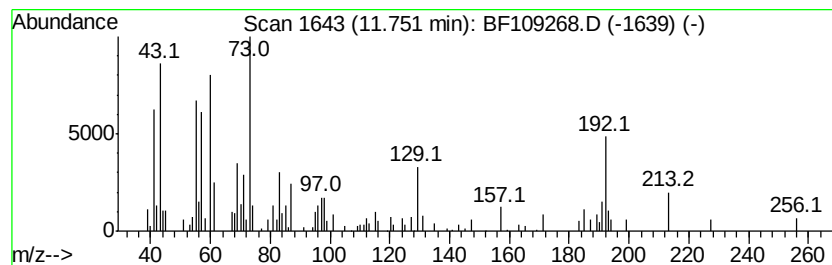
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	2.04 ng	86287	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Hexanoic acid	116	C6H12O2	000142-62-1	38
5	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109268.D
Acq On : 24 Sep 2018 15:34
Operator : JU/SJ
Sample : J4770-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

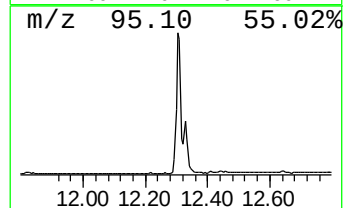
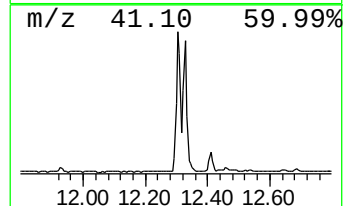
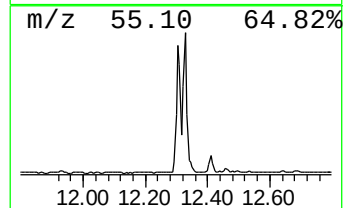
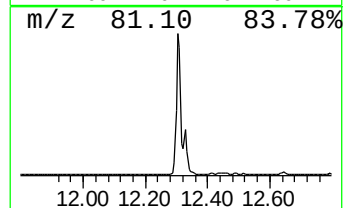
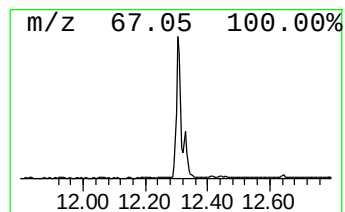
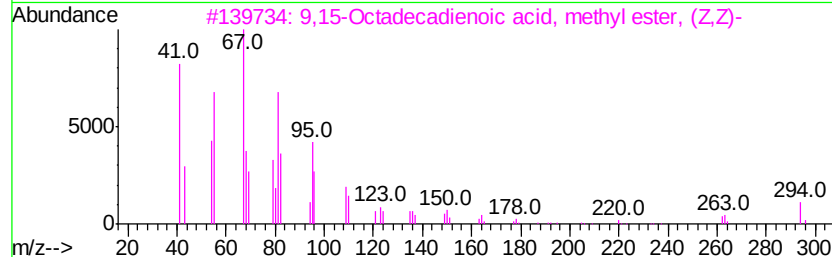
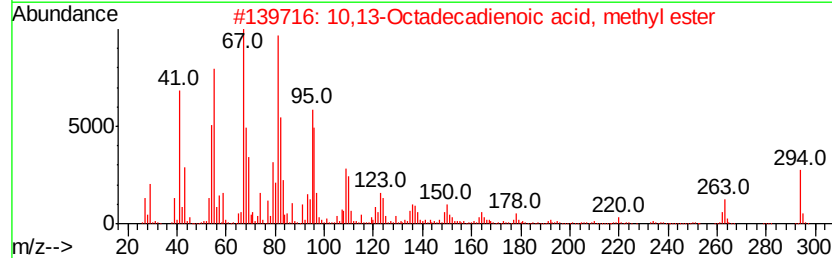
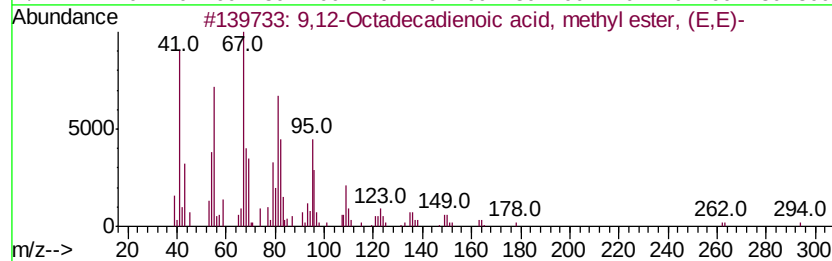
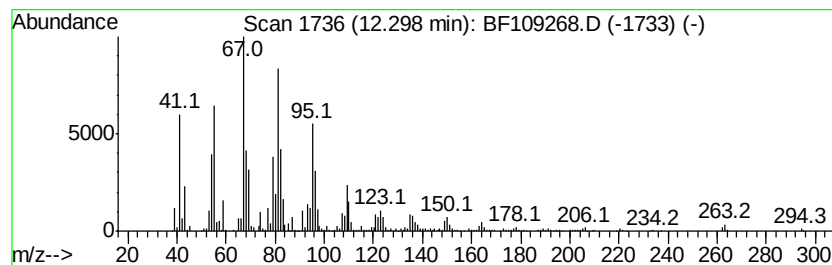
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.30	66.10 ng	2792200	Phenanthrene-d10	11.22		
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, methv...	294	C19H34O2	017309-05-6	99	
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
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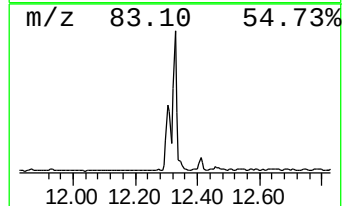
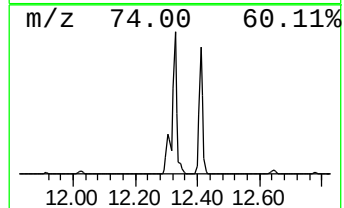
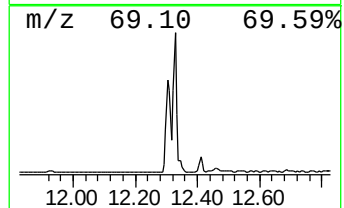
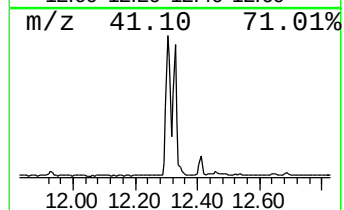
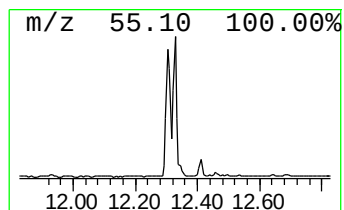
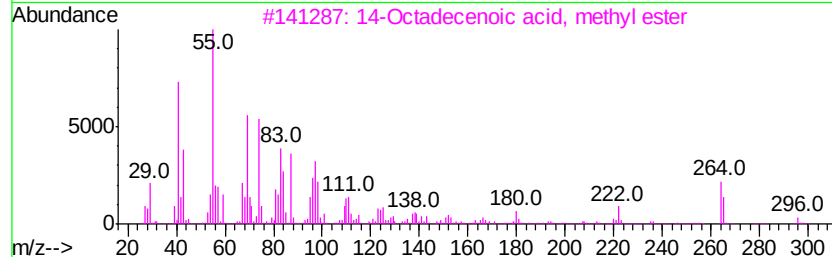
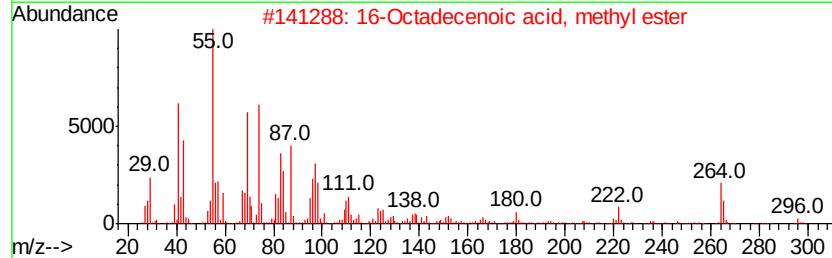
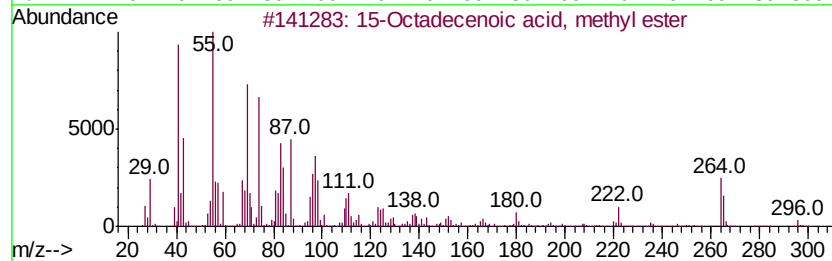
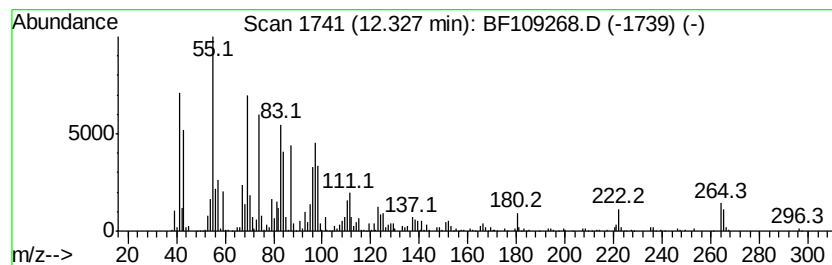
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 15-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	41.74 ng	1763080	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
4		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	94
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109268.D
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Operator : JU/SJ
Sample : J4770-05 2X
Misc :
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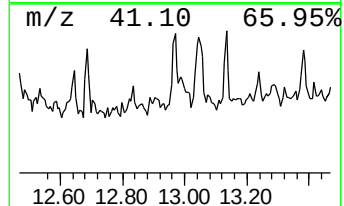
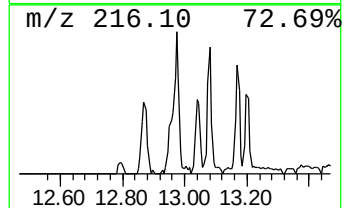
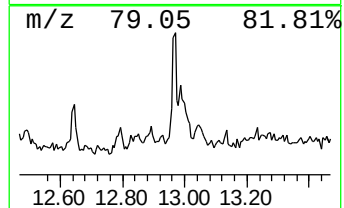
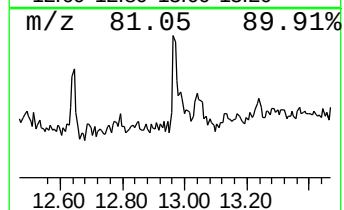
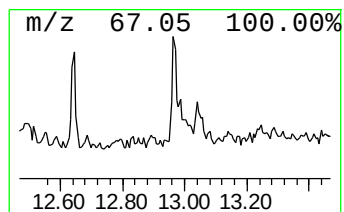
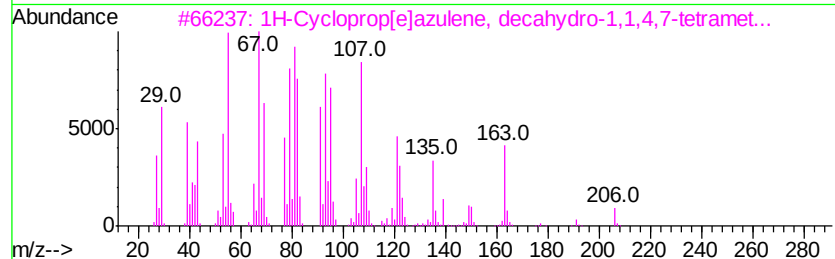
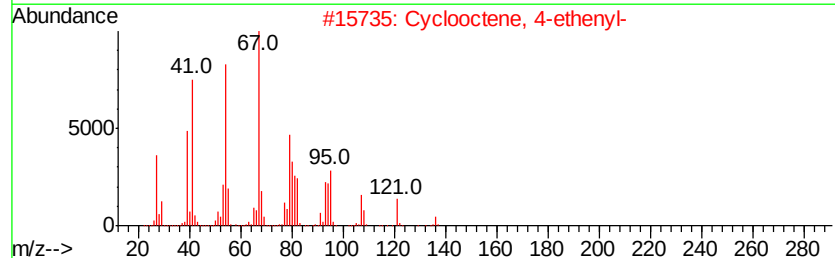
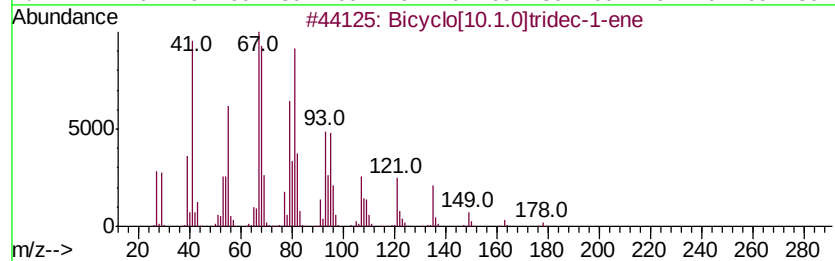
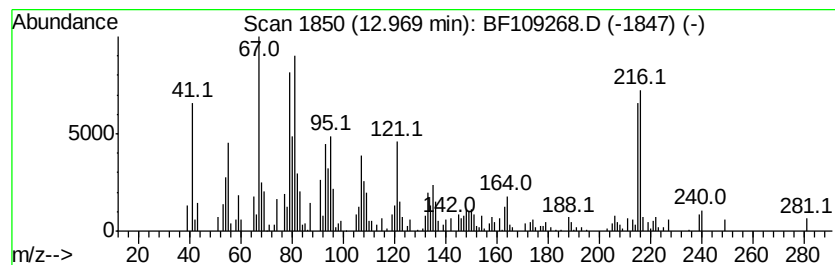
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.22 ng	112378	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[10.1.0]tridec-1-ene	178 C13H22	054766-91-5 89
2		Cyclooctene, 4-ethenyl-	136 C10H16	001124-45-4 50
3		1H-Cycloprop[elazulene, decahydr...	206 C15H26	028580-43-0 45
4		5-Undecyne	152 C11H20	002294-72-6 41
5		7-Propylidene-bicyclo[4.1.0]heptane	136 C10H16	082253-09-6 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
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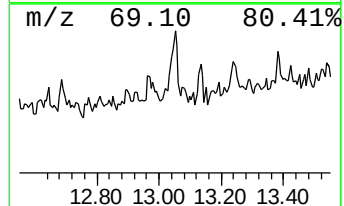
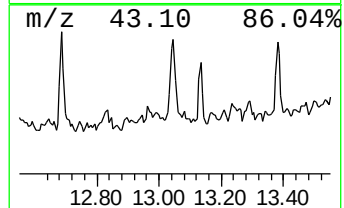
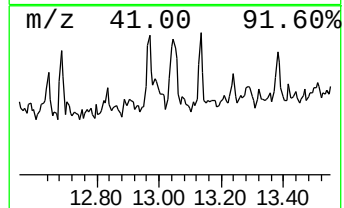
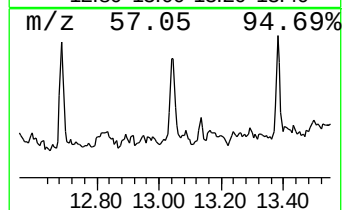
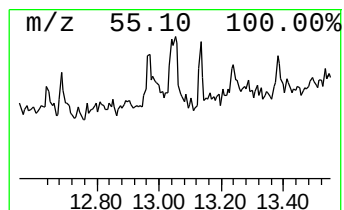
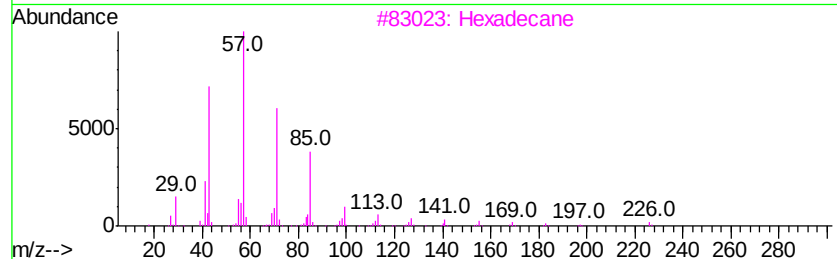
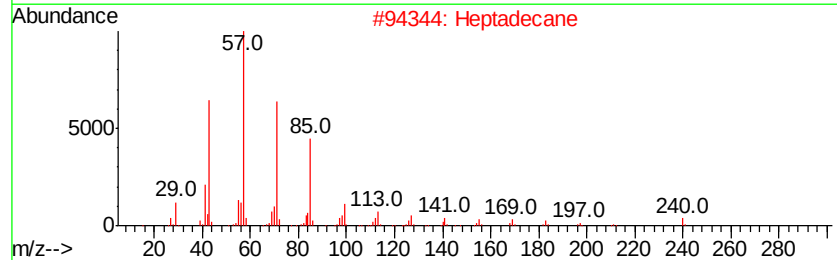
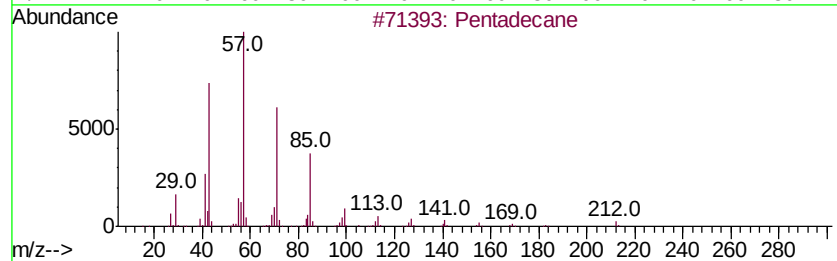
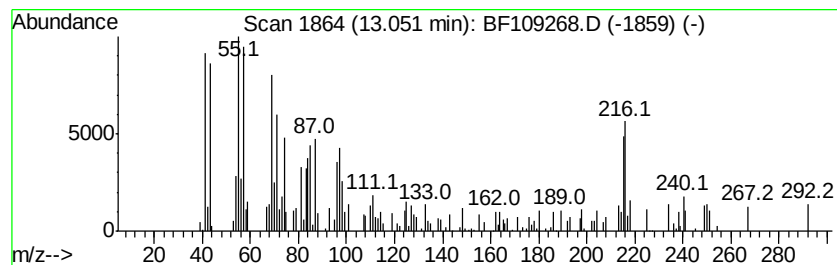
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.14 ng	108502	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	80
2	Heptadecane	240 C17H36	000629-78-7	60
3	Hexadecane	226 C16H34	000544-76-3	42
4	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	42
5	Tetratetracontane	619 C44H90	007098-22-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109268.D
Acq On : 24 Sep 2018 15:34
Operator : JU/SJ
Sample : J4770-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-092118-C

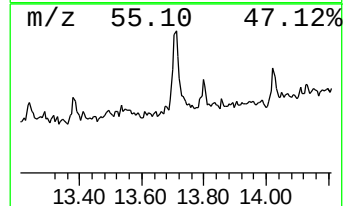
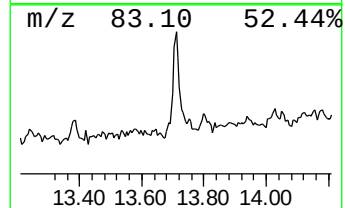
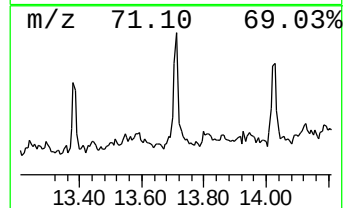
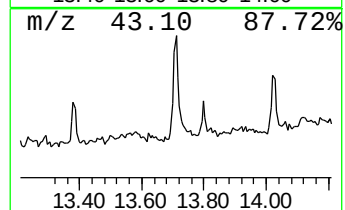
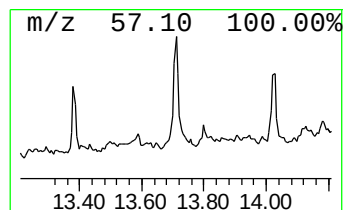
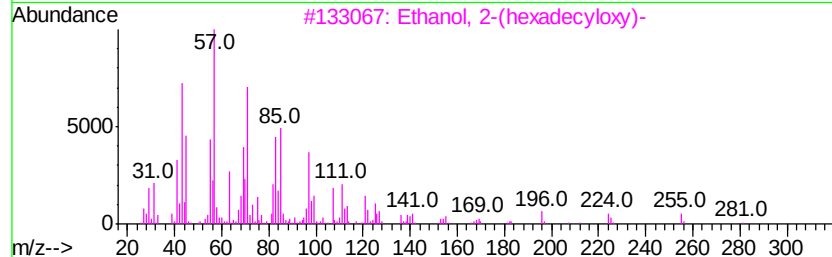
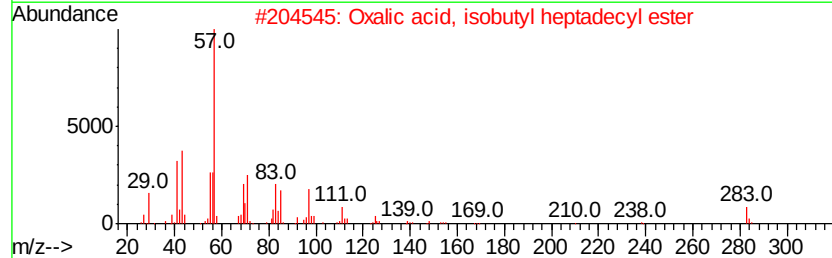
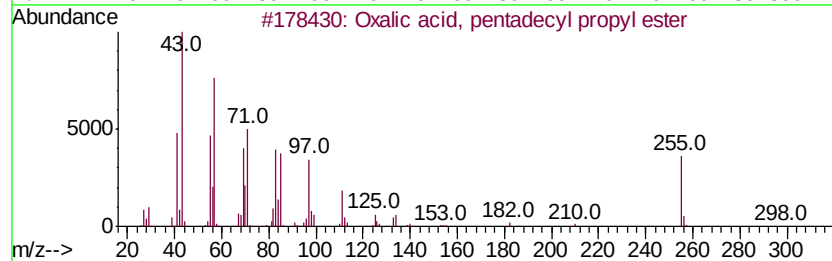
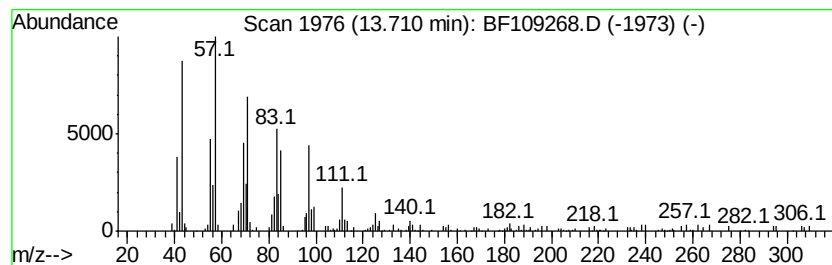
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxalic acid, pentadecyl pro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.63 ng	133182	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	91
2		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
3		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
4		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
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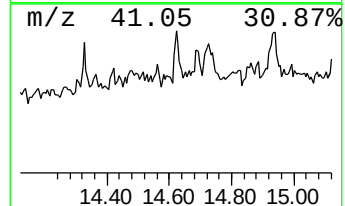
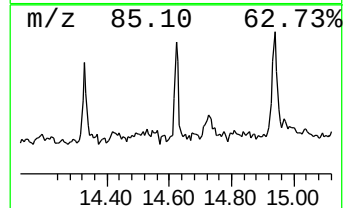
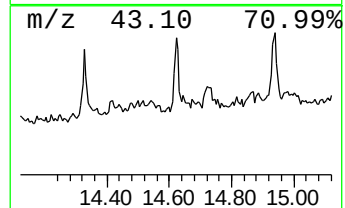
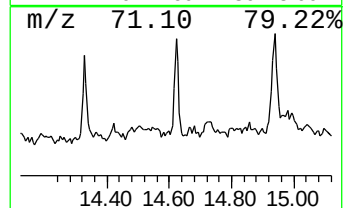
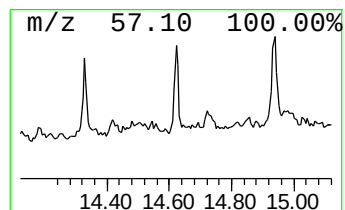
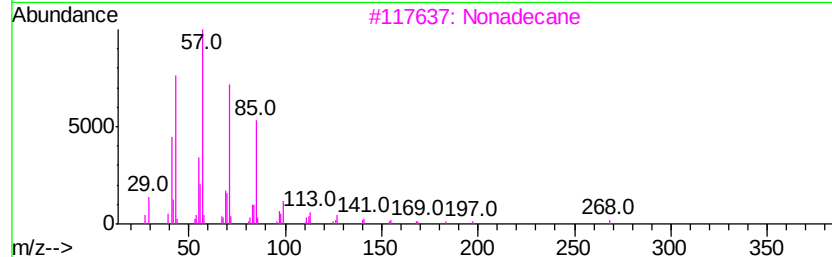
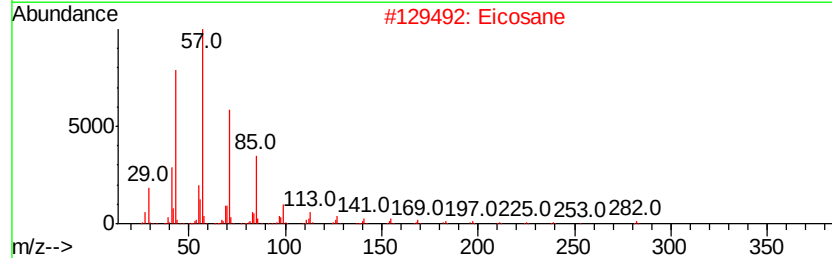
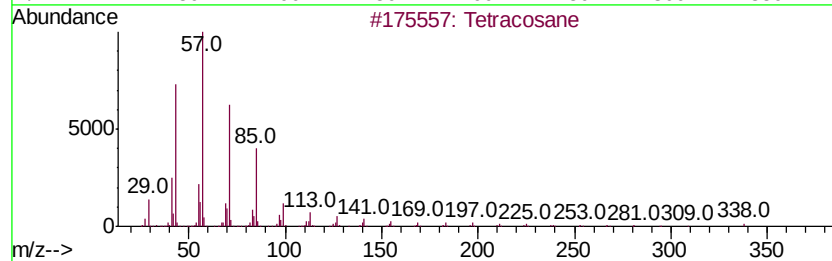
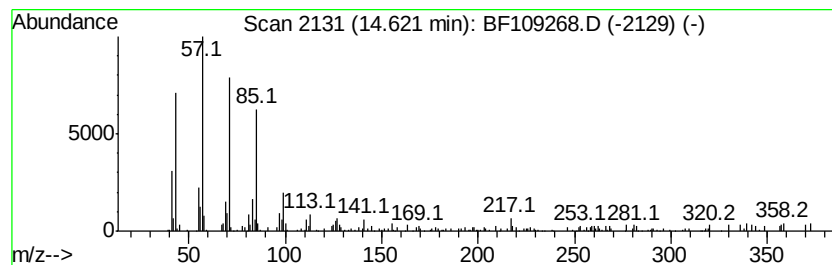
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.61 ng	102604	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Nonadecane	268	C19H40	000629-92-5	83
4		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	76
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109268.D
Acq On : 24 Sep 2018 15:34
Operator : JU/SJ
Sample : J4770-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	29.4	ng	1004950	1	6.70	684634	20.0
Eicosane, 10-methyl-	10.65	3.0	ng	126540	4	11.22	844841	20.0
Heneicosane	11.10	2.0	ng	86697	4	11.22	844841	20.0
Hexadecanoic acid...	11.62	13.1	ng	553129	4	11.22	844841	20.0
n-Hexadecanoic acid	11.75	2.0	ng	86287	4	11.22	844841	20.0
9,12-Octadecadien...	12.30	66.1	ng	2792200	4	11.22	844841	20.0
15-Octadecenoic a...	12.33	41.7	ng	1763080	4	11.22	844841	20.0
Bicyclo[10.1.0]tr...	12.97	2.2	ng	112378	5	13.84	1012550	20.0
Pentadecane	13.05	2.1	ng	108502	5	13.84	1012550	20.0
Oxalic acid, pent...	13.71	2.6	ng	133182	5	13.84	1012550	20.0
Tetracosane	14.62	3.6	ng	102604	6	15.24	567789	20.0