

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104763.D
 Acq On : 24 Apr 2018 18:20
 Operator : JU/SJ
 Sample : J2151-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.016	494	498	507	rBV	65895	83487	2.64%	0.297%
2	5.434	564	569	581	rBV	1958313	1949173	61.56%	6.936%
3	6.457	738	743	754	rBV	1864214	1944674	61.42%	6.920%
4	6.581	760	764	767	rBV	2231443	2057878	64.99%	7.323%
5	6.810	799	803	806	rBV	727957	591731	18.69%	2.106%
6	6.963	825	829	833	rBV	1811454	1593568	50.33%	5.670%
7	7.375	895	899	902	rBV	1339457	1179059	37.24%	4.195%
8	8.092	1018	1021	1027	rBV	878155	749070	23.66%	2.665%
9	8.675	1114	1120	1124	rBV2	30750	34965	1.10%	0.124%
10	8.910	1155	1160	1163	rBV2	30844	34335	1.08%	0.122%
11	9.169	1200	1204	1207	rBV	2564167	2118761	66.91%	7.539%
12	9.239	1213	1216	1219	rVB	68434	55438	1.75%	0.197%
13	9.433	1245	1249	1254	rBV3	29851	41145	1.30%	0.146%
14	9.504	1258	1261	1264	rVV2	33949	45695	1.44%	0.163%
15	9.563	1267	1271	1278	rVB	189202	203782	6.44%	0.725%
16	9.769	1301	1306	1311	rVB	95397	82372	2.60%	0.293%
17	9.851	1316	1320	1324	rBV	847367	748941	23.65%	2.665%
18	10.092	1358	1361	1365	rBV3	43112	43814	1.38%	0.156%
19	10.163	1369	1373	1377	rBV3	30621	44612	1.41%	0.159%
20	10.269	1384	1391	1394	rBV2	127123	141157	4.46%	0.502%
21	10.398	1407	1413	1419	rBV3	38433	51977	1.64%	0.185%
22	10.486	1423	1428	1431	rBV3	49467	61380	1.94%	0.218%
23	10.645	1451	1455	1464	rBV	1257677	1170377	36.96%	4.165%
24	10.745	1469	1472	1477	rBV2	110658	151225	4.78%	0.538%
25	10.851	1486	1490	1493	rBV3	25618	32340	1.02%	0.115%
26	10.939	1502	1505	1509	rBV4	20016	33291	1.05%	0.118%
27	11.192	1545	1548	1550	rBV	70379	60649	1.92%	0.216%
28	11.221	1550	1553	1559	rVB3	50689	74691	2.36%	0.266%
29	11.339	1569	1573	1576	rBV	765389	691131	21.83%	2.459%
30	11.363	1576	1577	1583	rVV	176596	129420	4.09%	0.461%
31	11.416	1583	1586	1589	rVV	37799	32073	1.01%	0.114%
32	11.574	1610	1613	1618	rBV5	22775	32224	1.02%	0.115%
33	11.621	1618	1621	1624	rVV	45894	41220	1.30%	0.147%
34	11.727	1635	1639	1642	rBV	1731017	1468295	46.37%	5.225%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.845	1656	1659	1660	rBV	35390	32311	1.02%	0.115%
36	11.868	1660	1663	1666	rVB2	44705	54880	1.73%	0.195%
37	11.957	1675	1678	1680	rBV2	48306	48031	1.52%	0.171%
38	12.027	1687	1690	1692	rBV	49551	45252	1.43%	0.161%
39	12.133	1705	1708	1712	rBV2	34459	38651	1.22%	0.138%
40	12.415	1750	1756	1758	rBV	2372384	2635741	83.24%	9.379%
41	12.439	1758	1760	1770	rVV	2977307	3166348	100.00%	11.267%
42	12.515	1770	1773	1778	rVV	817464	807530	25.50%	2.873%
43	12.557	1778	1780	1785	rVB	129931	141562	4.47%	0.504%
44	12.786	1817	1819	1822	rVB	122521	108863	3.44%	0.387%
45	12.927	1839	1843	1847	rBV	1922088	1713958	54.13%	6.099%
46	13.145	1878	1880	1882	rBV	35301	32615	1.03%	0.116%
47	13.245	1894	1897	1900	rVB	71927	61277	1.94%	0.218%
48	13.657	1964	1967	1973	rBV5	68270	91314	2.88%	0.325%
49	13.815	1991	1994	1998	rBV	105680	110061	3.48%	0.392%
50	13.915	2008	2011	2014	rBV2	70888	76780	2.42%	0.273%
51	13.992	2019	2024	2026	rVV	621812	668094	21.10%	2.377%
52	14.015	2026	2028	2034	rVB	92390	96646	3.05%	0.344%
53	15.462	2271	2274	2281	rVB	308635	399485	12.62%	1.421%

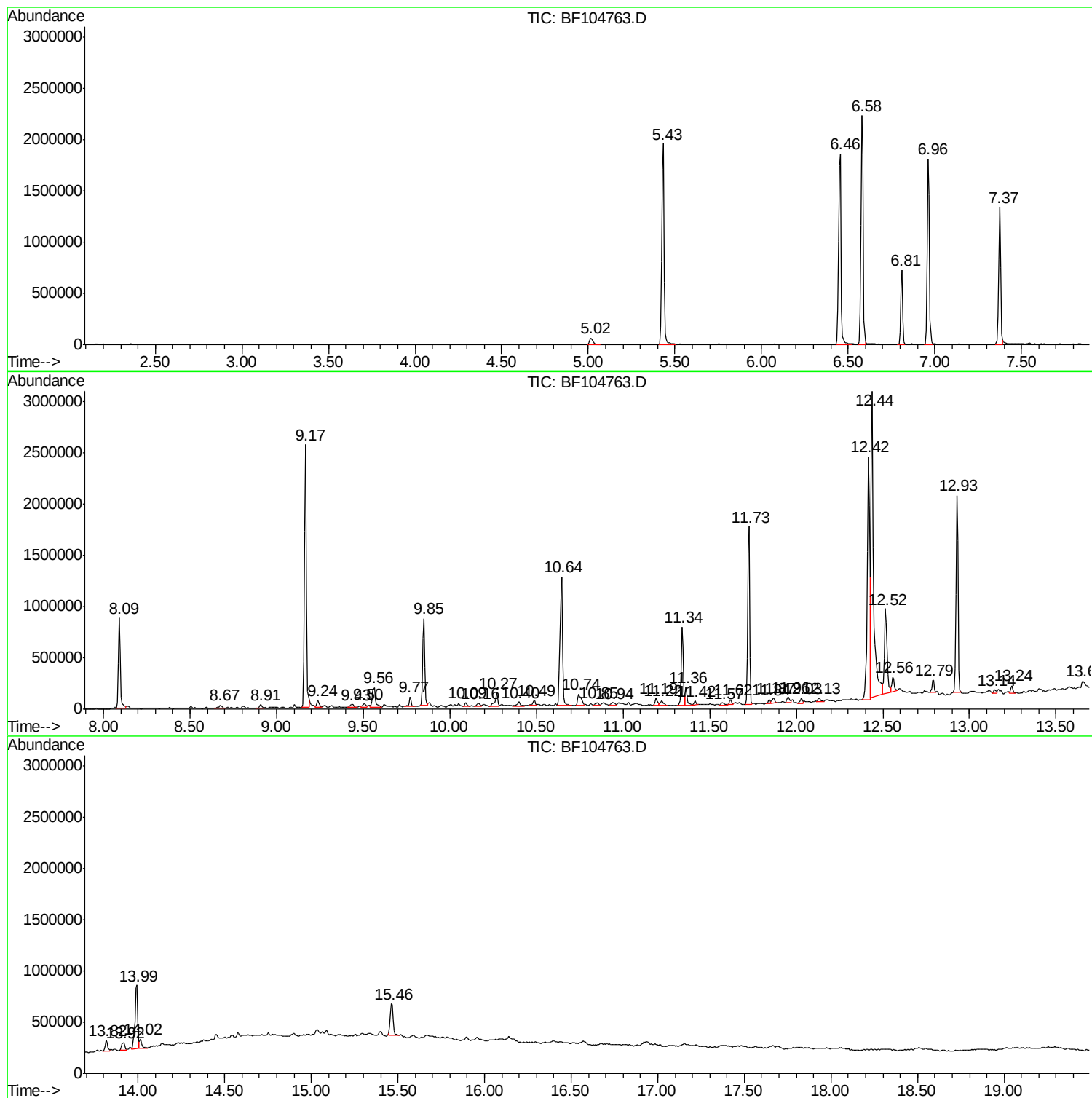
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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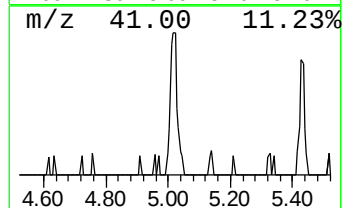
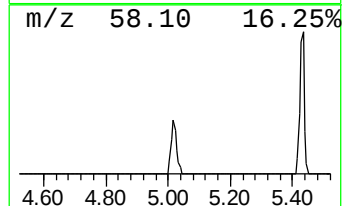
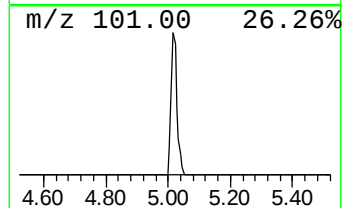
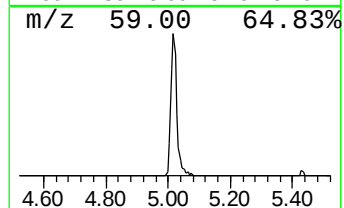
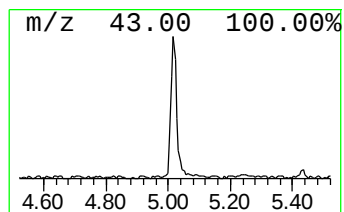
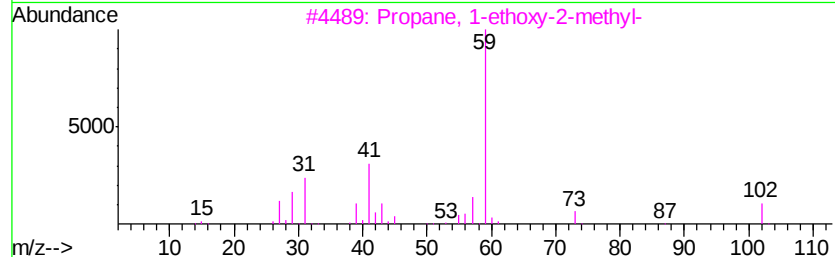
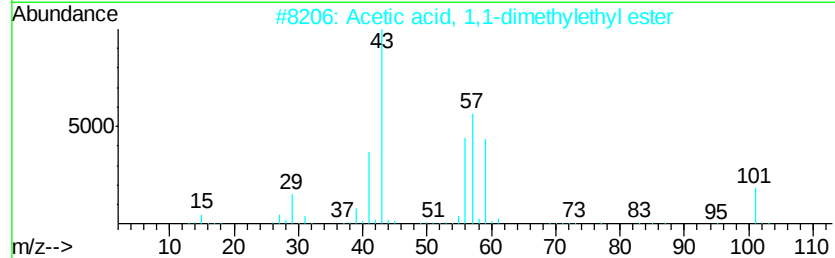
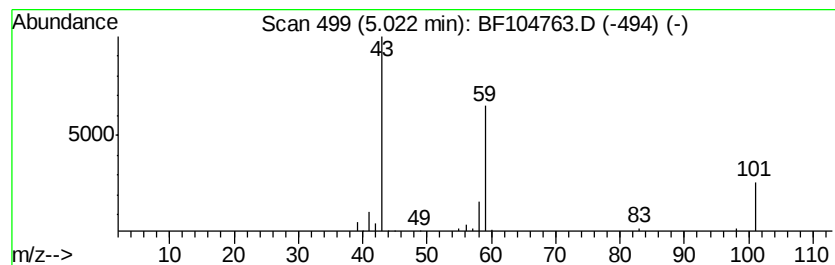
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.82 ng	83487	1,4-Dichlorobenzene-d4	6.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38	
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35	
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12	
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	12	



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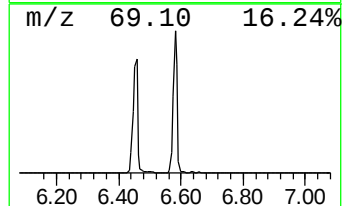
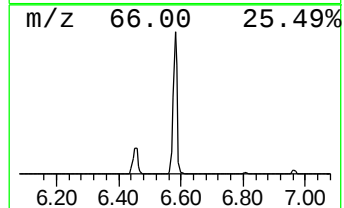
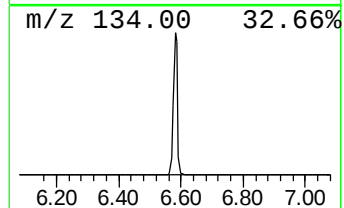
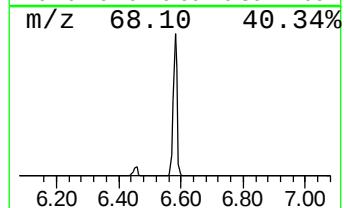
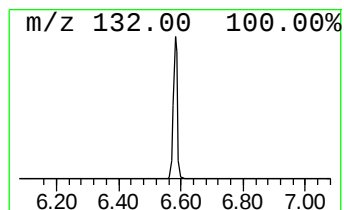
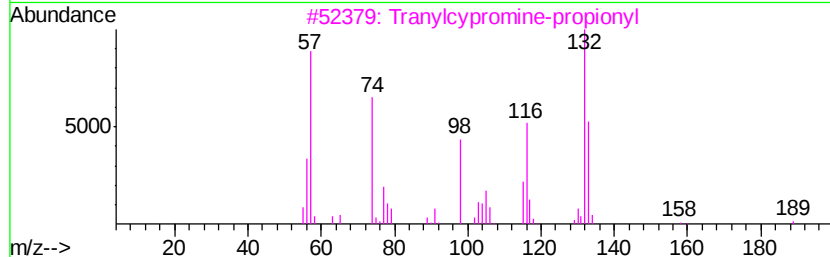
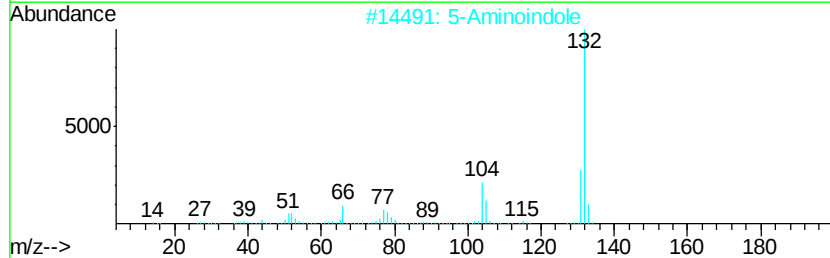
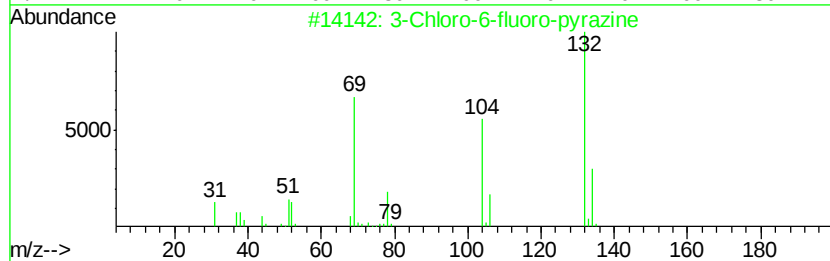
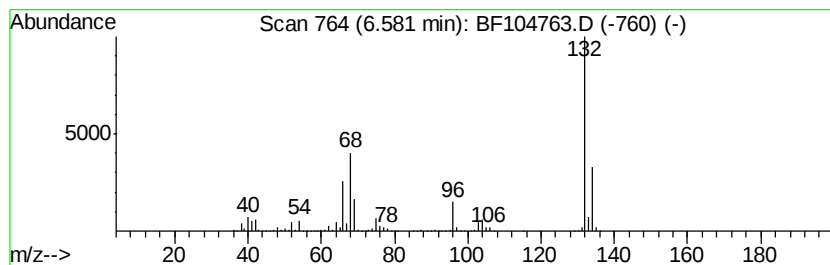
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	69.55 ng	2057880	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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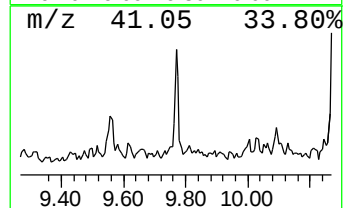
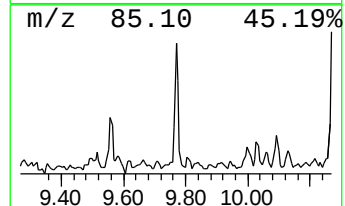
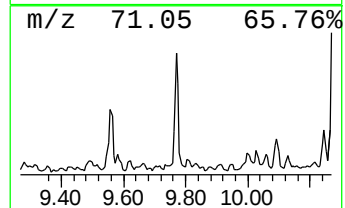
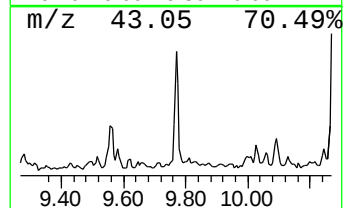
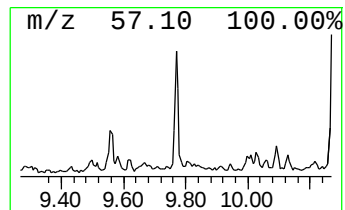
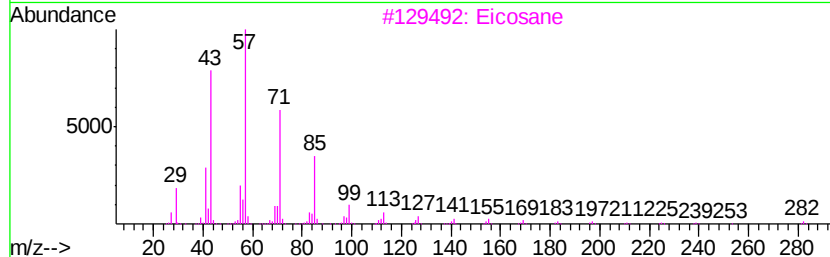
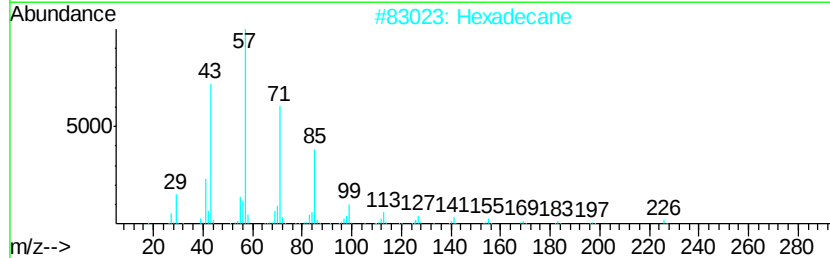
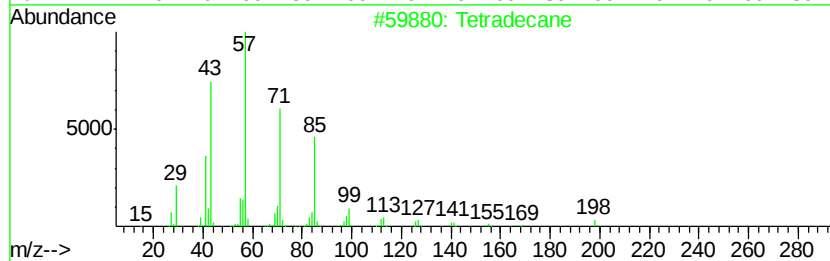
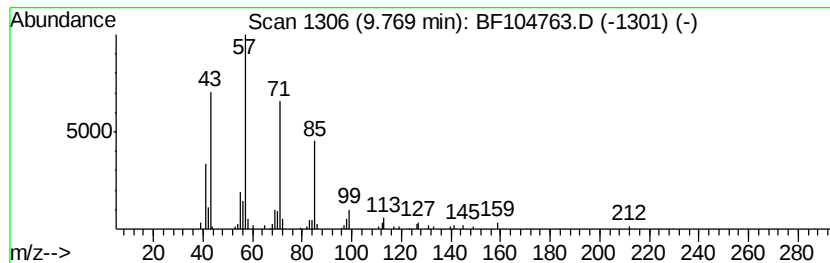
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.20 ng	82372	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane	282	C20H42	000112-95-8	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Octadecane	254	C18H38	000593-45-3	78



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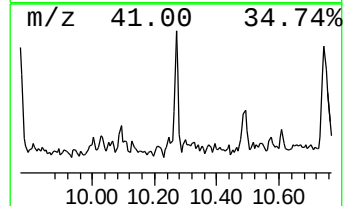
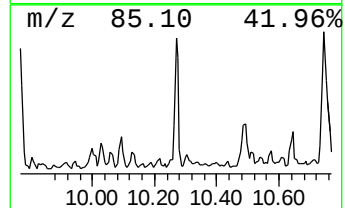
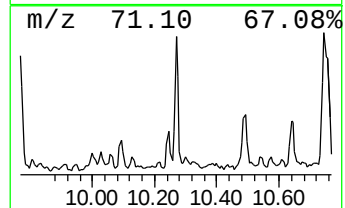
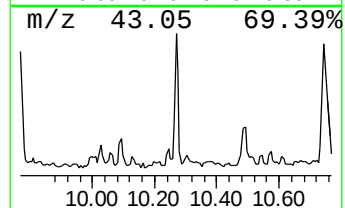
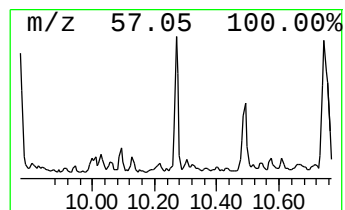
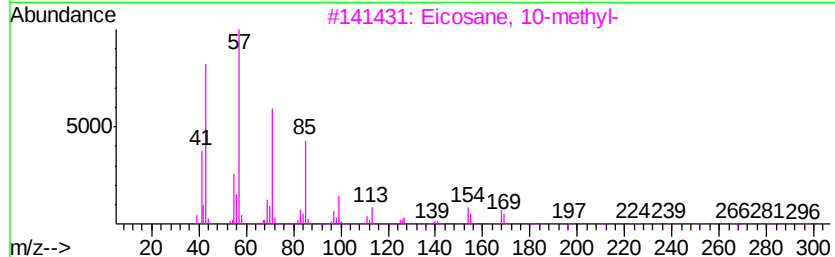
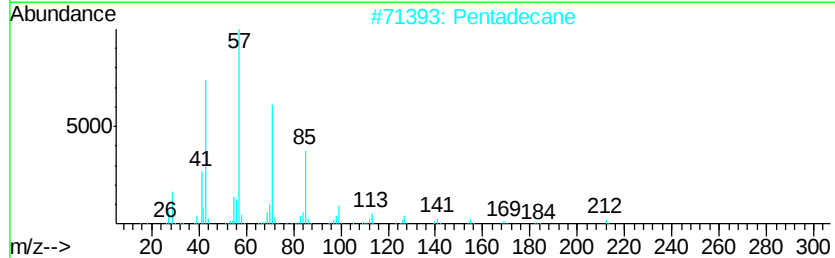
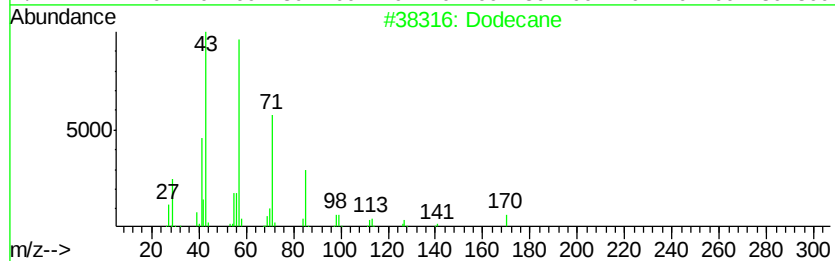
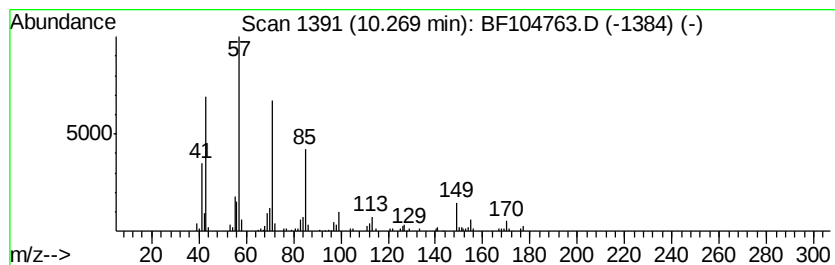
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.77 ng	141157	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	91
2	Pentadecane	212 C15H32	000629-62-9	80
3	Eicosane, 10-methyl-	296 C21H44	054833-23-7	80
4	Heptacosane	380 C27H56	000593-49-7	80
5	Sulfurous acid, 2-propyl tetra...	320 C17H36O3S	1000309-12-5	80



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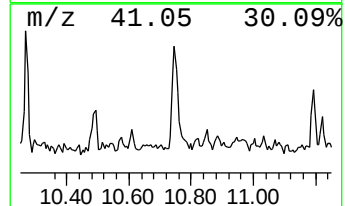
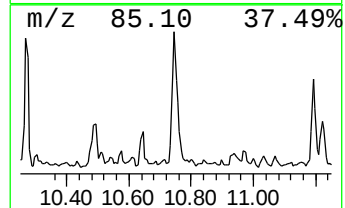
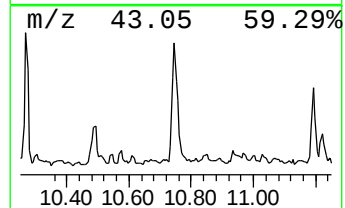
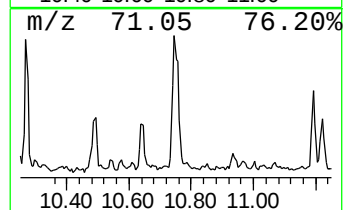
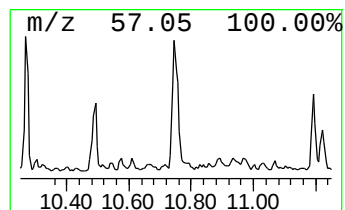
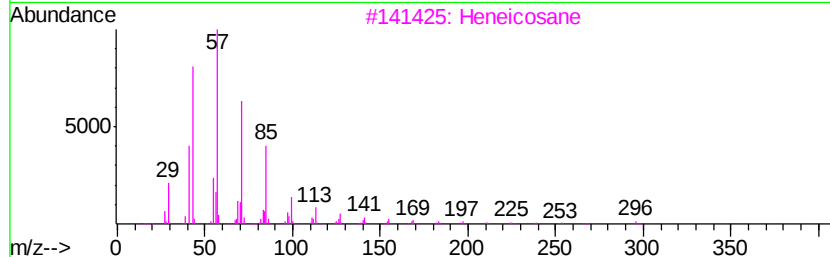
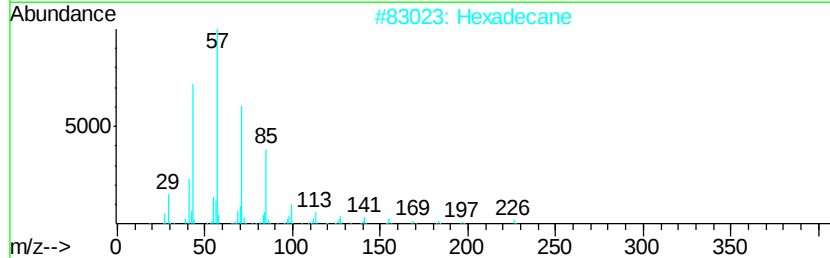
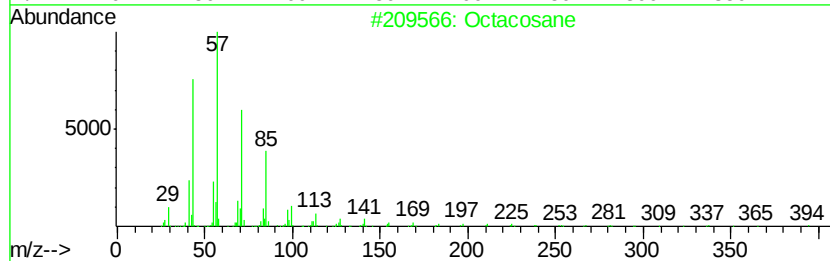
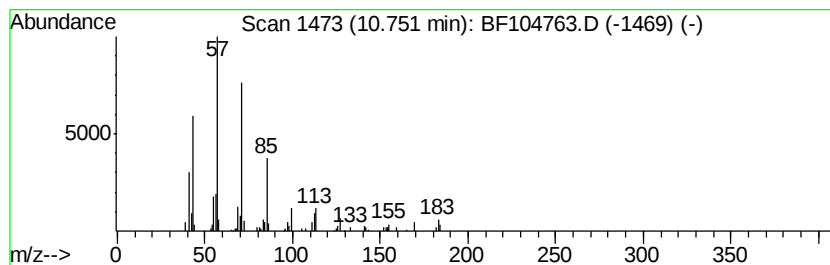
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	4.38 ng	151225	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104763.D
Acq On : 24 Apr 2018 18:20
Operator : JU/SJ
Sample : J2151-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

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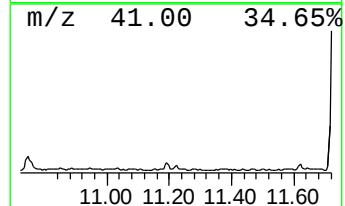
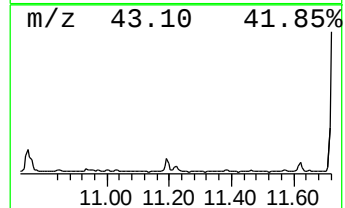
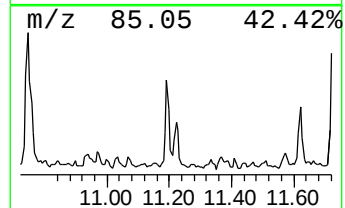
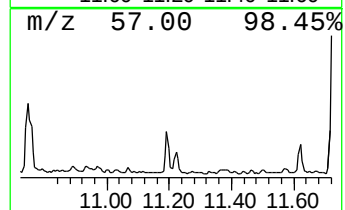
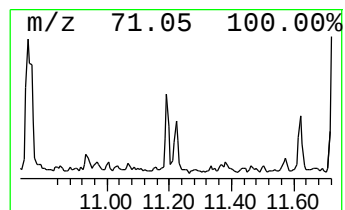
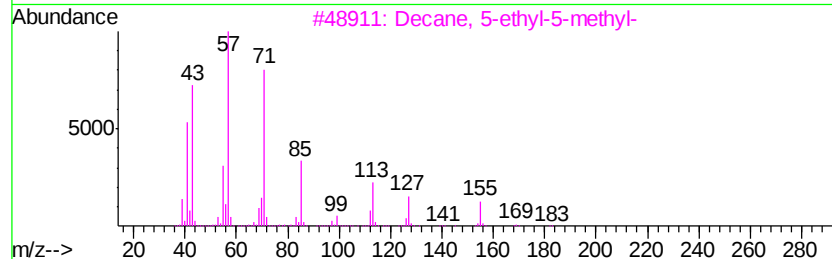
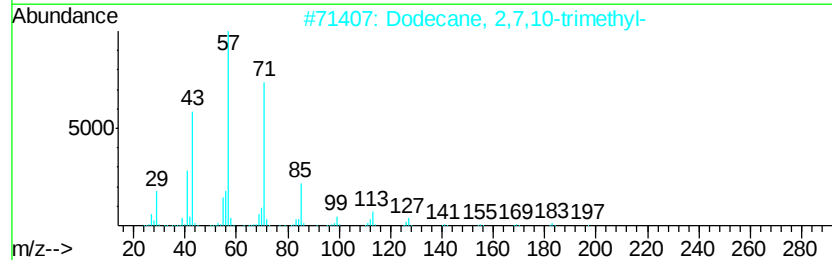
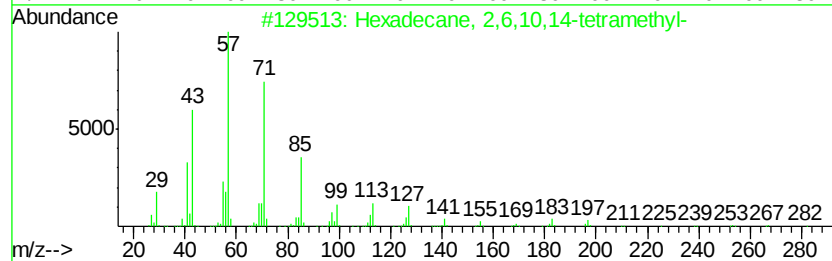
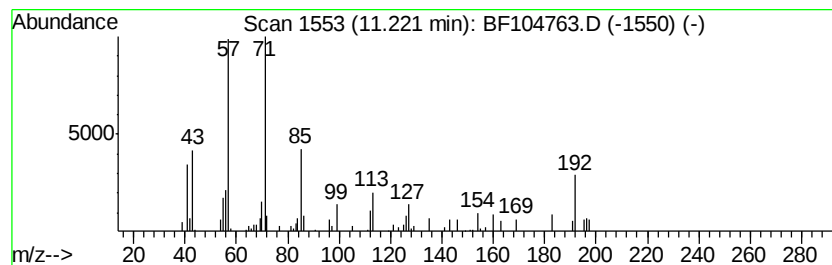
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.16 ng	74691	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	46



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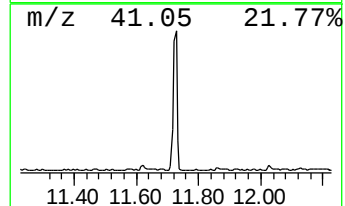
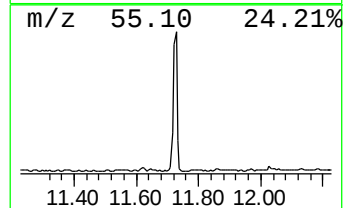
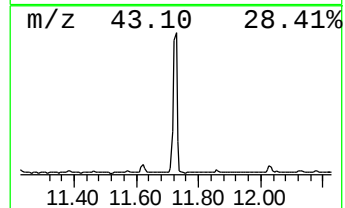
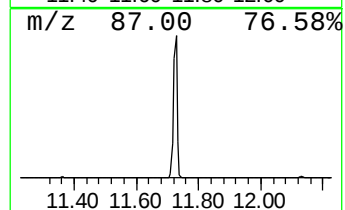
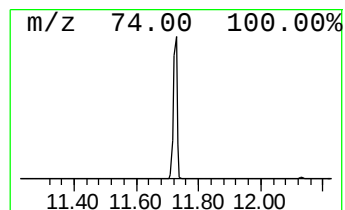
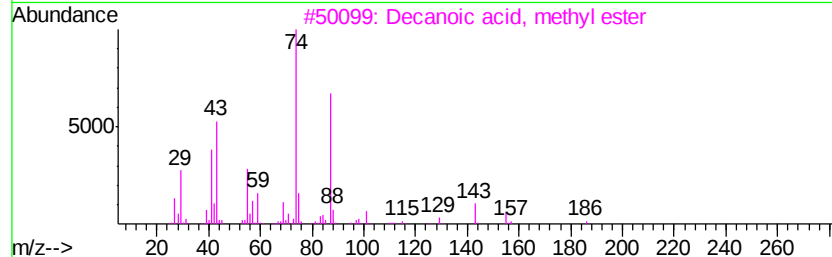
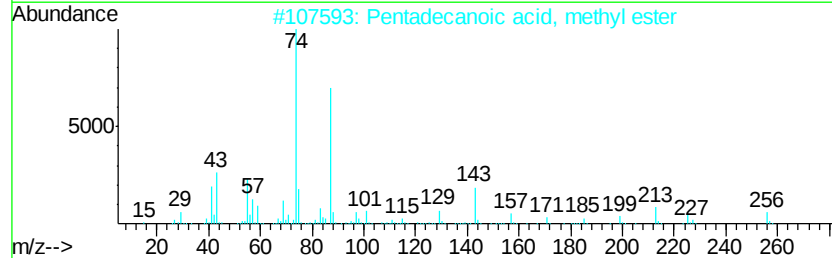
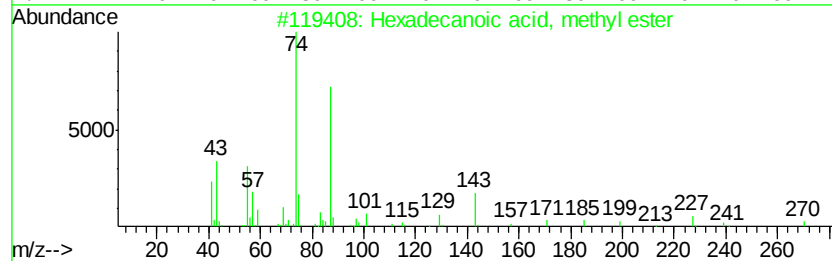
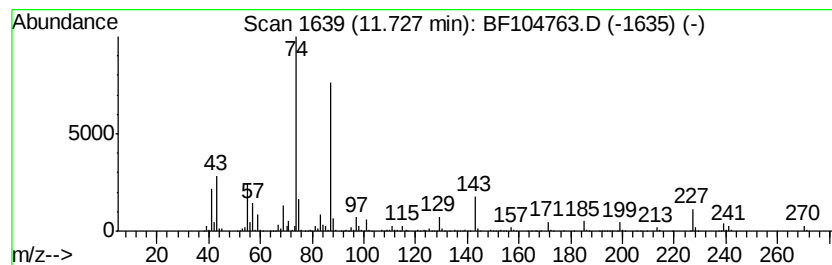
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	42.49 ng	1468300	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



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ALS Vial : 14 Sample Multiplier: 1

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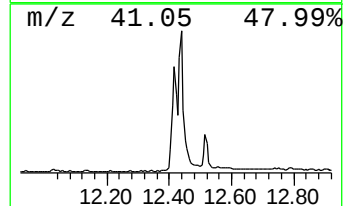
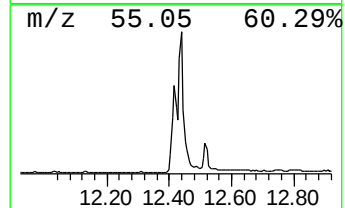
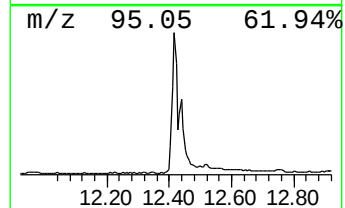
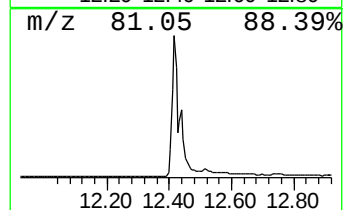
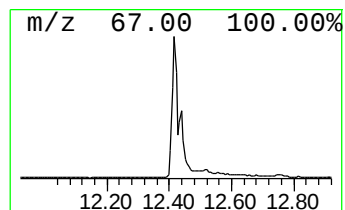
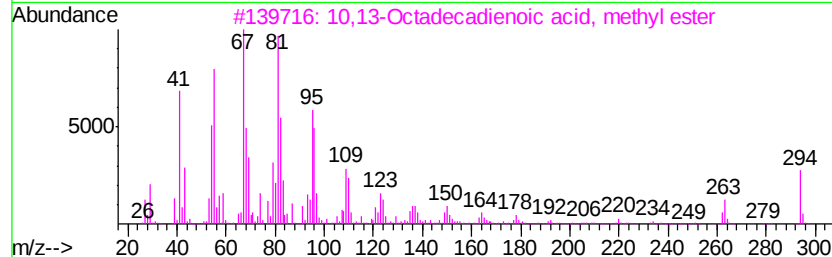
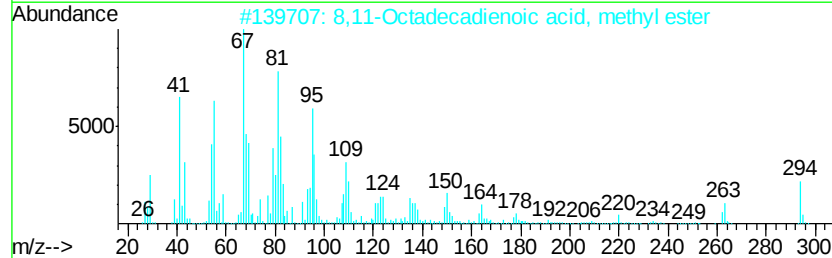
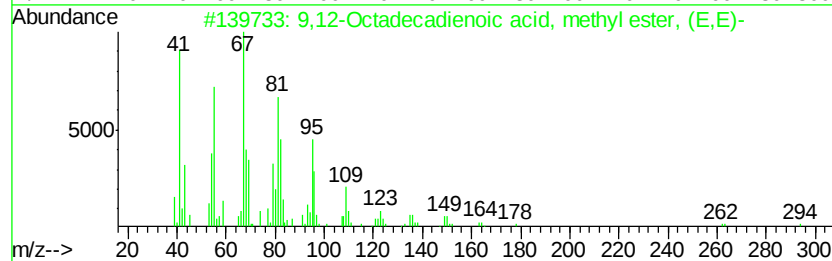
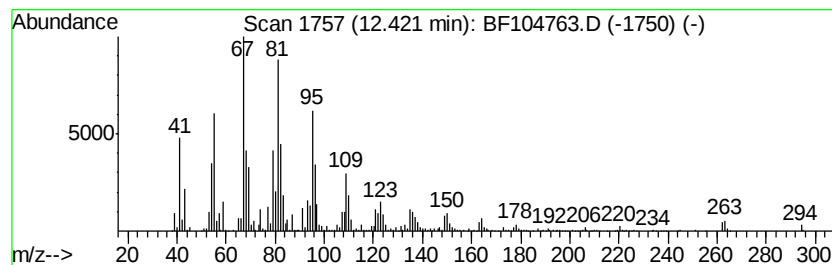
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	76.27 ng	2635740	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98



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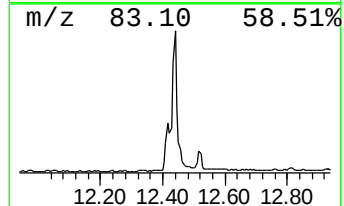
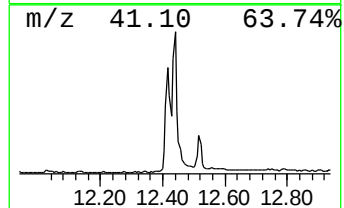
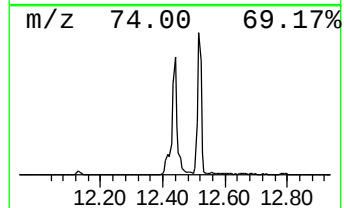
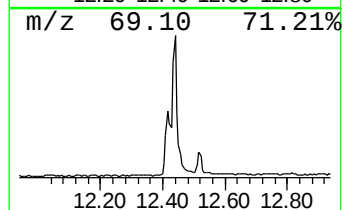
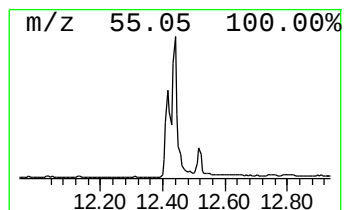
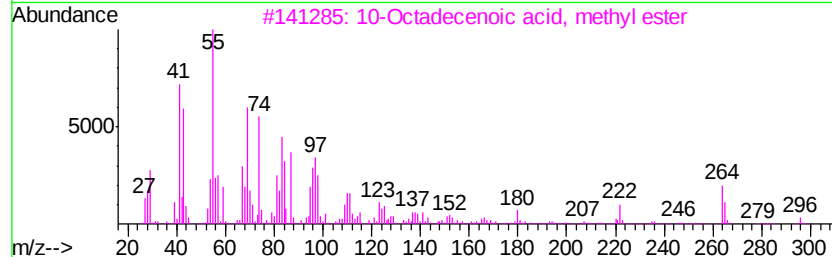
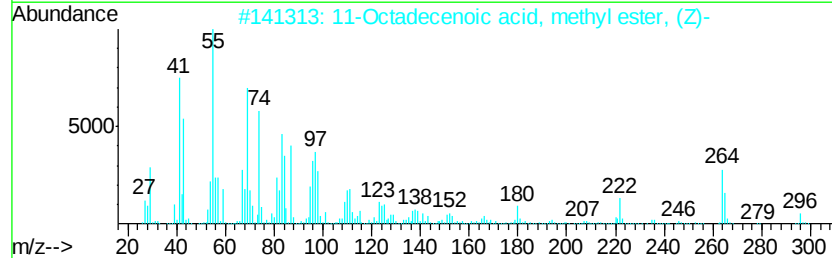
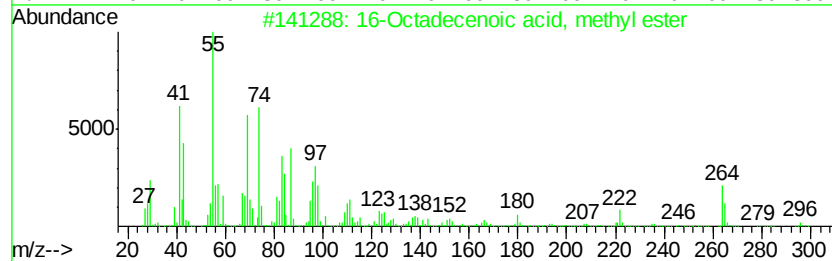
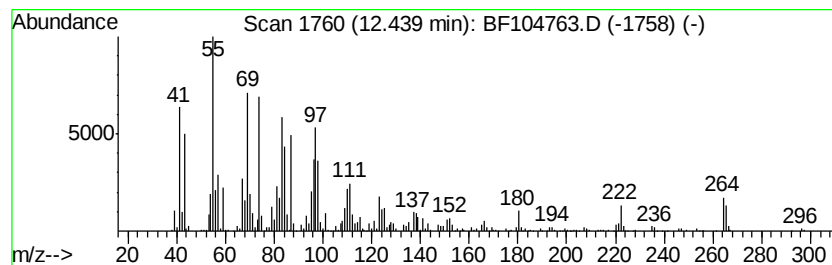
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	91.63 ng	3166350	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2			11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	99
3			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99



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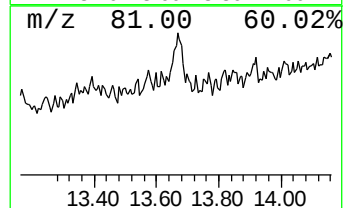
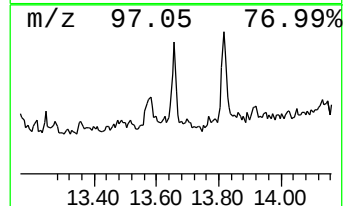
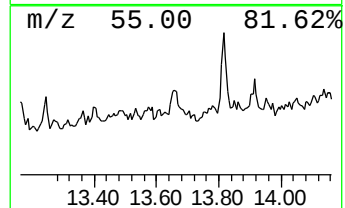
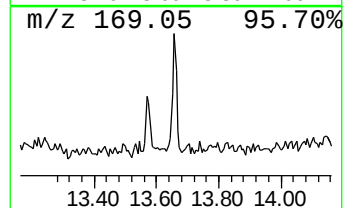
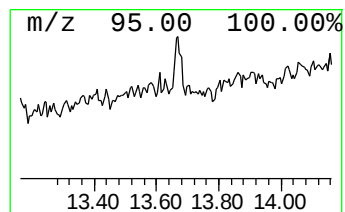
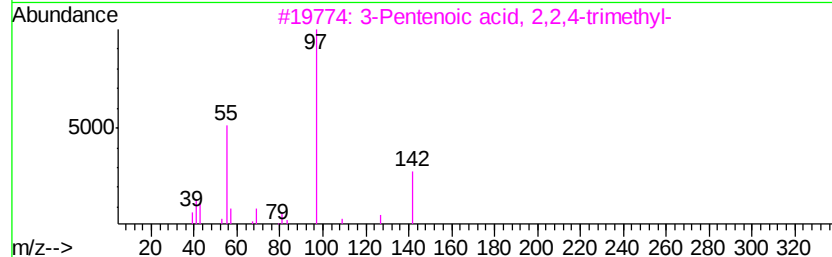
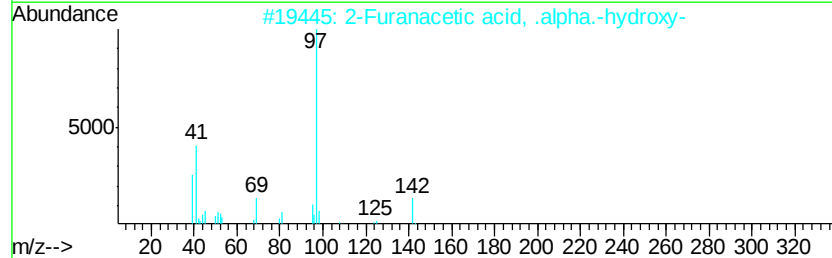
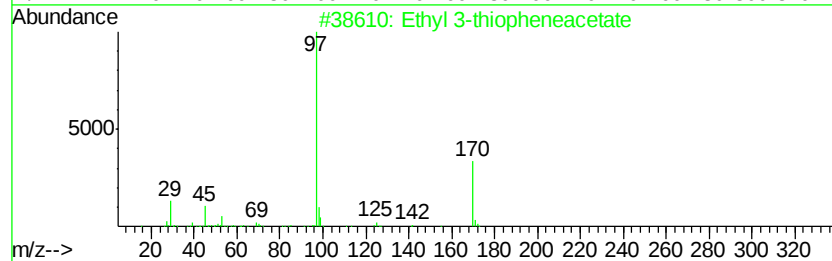
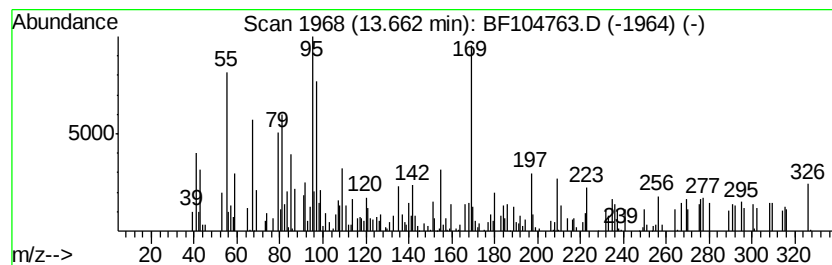
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown13.66 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.73 ng	91314	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl 3-thiopheneacetate	170	C8H10O2S	037784-63-7	22
2			2-Furanacetic acid, .alpha.-hydr...	142	C6H6O4	019377-73-2	22
3			3-Pentenoic acid, 2,2,4-trimethyl-	142	C8H14O2	004177-03-1	22
4			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	22
5			2-Thiophenepropanoic acid, methy...	170	C8H10O2S	016862-05-8	22



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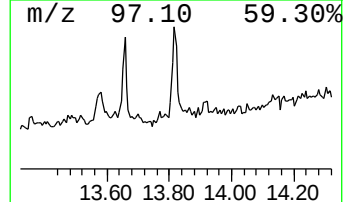
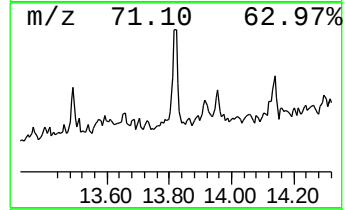
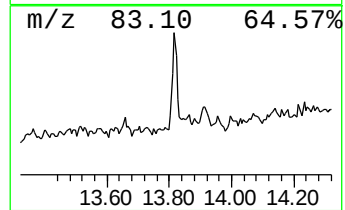
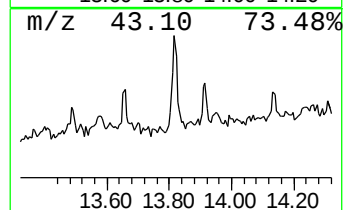
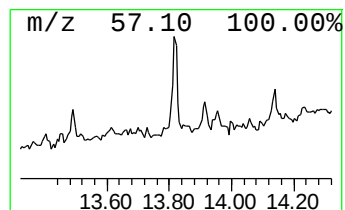
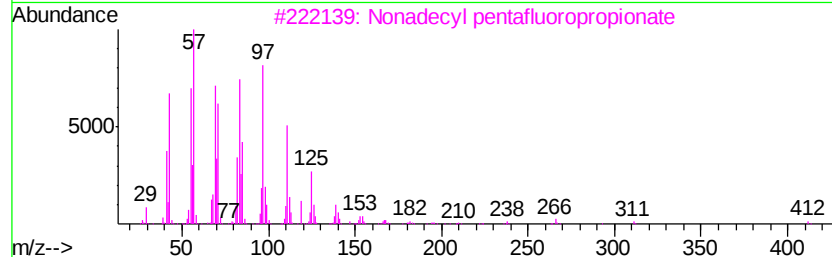
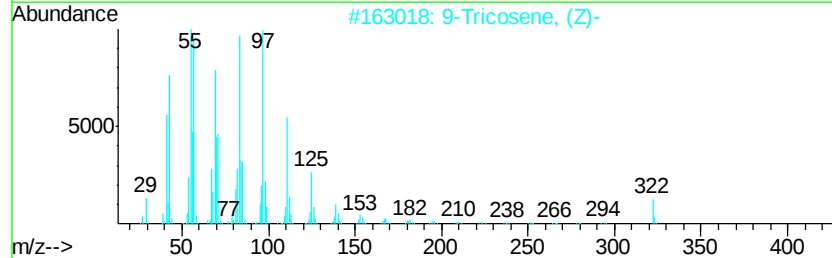
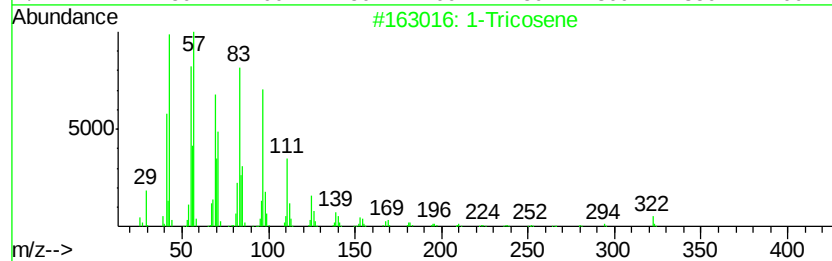
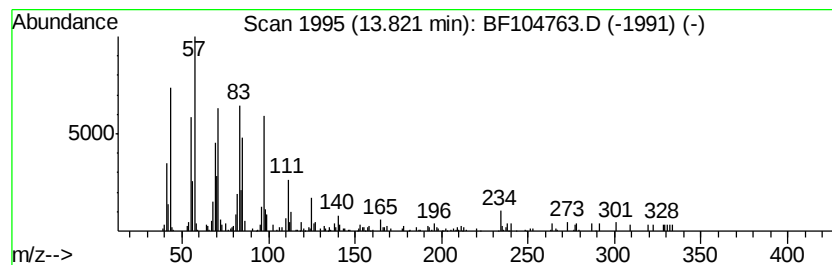
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Tricosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.29 ng	110061	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tricosene	322	C23H46	018835-32-0	94
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87



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Misc :
ALS Vial : 14 Sample Multiplier: 1

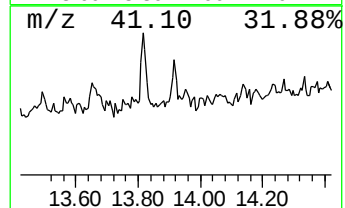
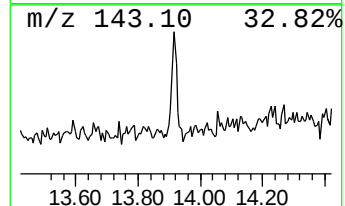
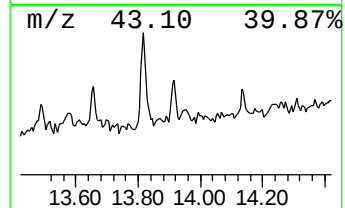
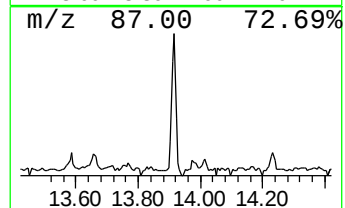
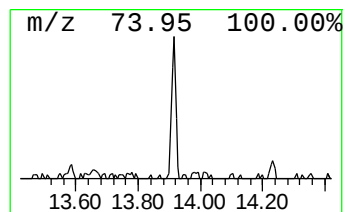
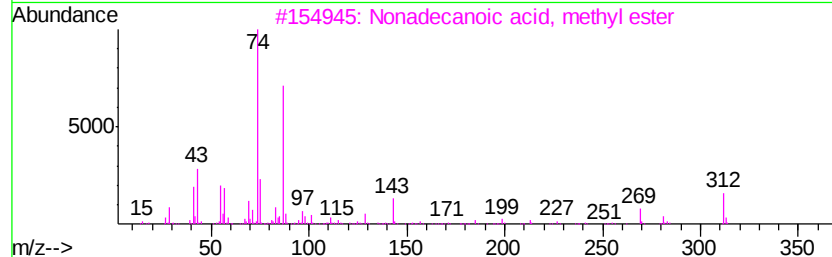
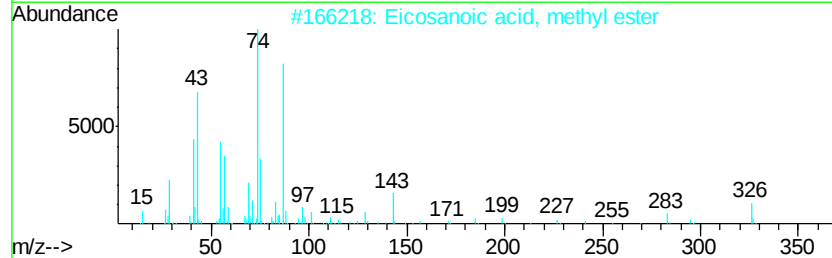
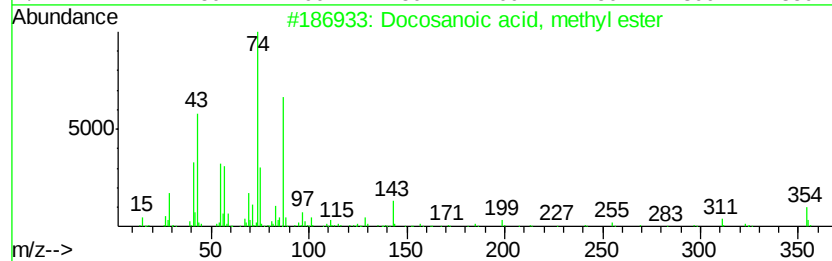
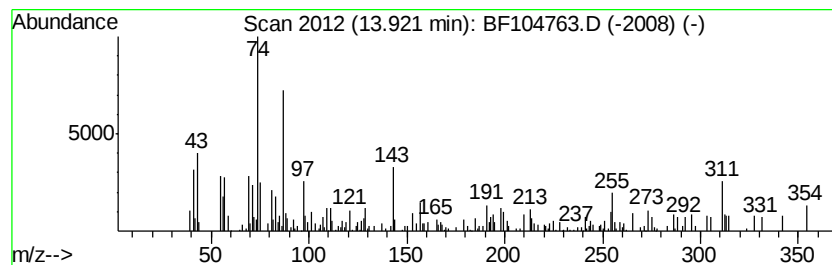
Instrument :
BNA_F
ClientSampleId :
AU-05-042318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.92	2.30 ng	76780	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	91
2		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
3		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
4		Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	80
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
 Data File : BF104763.D
 Acq On : 24 Apr 2018 18:20
 Operator : JU/SJ
 Sample : J2151-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	5.02	2.8	ng	83487	1	6.81	591731	20.0
unknown6.58	6.58	69.5	ng	2057880	1	6.81	591731	20.0
Tetradecane	9.77	2.2	ng	82372	3	9.85	748941	20.0
Dodecane	10.27	3.8	ng	141157	3	9.85	748941	20.0
Octacosane	10.75	4.4	ng	151225	4	11.34	691131	20.0
Hexadecane, 2,6,1...	11.22	2.2	ng	74691	4	11.34	691131	20.0
Hexadecanoic acid...	11.73	42.5	ng	1468300	4	11.34	691131	20.0
9,12-Octadecadien...	12.42	76.3	ng	2635740	4	11.34	691131	20.0
16-Octadecenoic a...	12.44	91.6	ng	3166350	4	11.34	691131	20.0
unknown13.66	13.66	2.7	ng	91314	5	13.99	668094	20.0
1-Tricosene	13.82	3.3	ng	110061	5	13.99	668094	20.0
Docosanoic acid, ...	13.92	2.3	ng	76780	5	13.99	668094	20.0