

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022818\
 Data File : BF103299.D
 Acq On : 28 Feb 2018 18:03
 Operator : SJ/JU
 Sample : J1403-07 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-022718

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-BF022218.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	5.492	576	579	593	rBV	330080	420052	35.64%	2.832%
2	6.510	748	752	758	rBV	276420	367009	31.14%	2.474%
3	6.645	771	775	781	rBV	457677	433528	36.78%	2.923%
4	6.698	781	784	788	rVB2	18598	18704	1.59%	0.126%
5	6.869	810	813	822	rBV	975347	941402	79.86%	6.347%
6	7.028	835	840	848	rBV	346831	319871	27.14%	2.157%
7	7.439	906	910	918	rBV	198033	281357	23.87%	1.897%
8	8.128	1024	1027	1028	rBV	19652	15698	1.33%	0.106%
9	8.157	1028	1032	1035	rBV	1299724	1178759	100.00%	7.947%
10	8.733	1127	1130	1135	rBV	32321	33177	2.81%	0.224%
11	8.875	1150	1154	1161	rBV	61963	75460	6.40%	0.509%
12	8.969	1167	1170	1176	rVB	66043	65942	5.59%	0.445%
13	9.227	1210	1214	1223	rBV	411831	392916	33.33%	2.649%
14	9.298	1223	1226	1229	rVV	60165	50430	4.28%	0.340%
15	9.333	1229	1232	1237	rVV2	17509	18107	1.54%	0.122%
16	9.498	1255	1260	1264	rBV2	39235	55276	4.69%	0.373%
17	9.569	1268	1272	1275	rVV2	59980	79373	6.73%	0.535%
18	9.598	1275	1277	1279	rVV	40980	41870	3.55%	0.282%
19	9.622	1279	1281	1289	rVB3	52923	65714	5.57%	0.443%
20	9.686	1289	1292	1301	rVB2	29931	50322	4.27%	0.339%
21	9.774	1304	1307	1311	rBV	54701	52176	4.43%	0.352%
22	9.827	1313	1316	1321	rBV	75759	65797	5.58%	0.444%
23	9.916	1327	1331	1334	rBV	1129720	1068839	90.67%	7.206%
24	9.945	1334	1336	1343	rVB	78558	81712	6.93%	0.551%
25	10.016	1345	1348	1352	rVB2	10922	12872	1.09%	0.087%
26	10.063	1352	1356	1359	rBV5	11285	17324	1.47%	0.117%
27	10.121	1362	1366	1369	rBV2	61455	68065	5.77%	0.459%
28	10.151	1369	1371	1375	rVB3	34781	31606	2.68%	0.213%
29	10.227	1381	1384	1387	rBV2	26150	29313	2.49%	0.198%
30	10.257	1387	1389	1394	rVB2	17954	24990	2.12%	0.168%
31	10.327	1394	1401	1405	rBV2	117387	136138	11.55%	0.918%
32	10.463	1421	1424	1430	rVB	132080	126031	10.69%	0.850%
33	10.545	1430	1438	1441	rBV2	44145	64029	5.43%	0.432%
34	10.604	1445	1448	1449	rVV2	14205	13121	1.11%	0.088%

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Filtering: 5
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 Max Peaks: 100
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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	10.621	1449	1451	1456	rVB4	17781	23567	2.00%	0.159%
36	10.704	1462	1465	1475	rVB	182806	218778	18.56%	1.475%
37	10.804	1478	1482	1487	rBV	109507	131962	11.19%	0.890%
38	11.010	1512	1517	1520	rBV3	37690	59640	5.06%	0.402%
39	11.039	1520	1522	1524	rVV3	21561	18921	1.61%	0.128%
40	11.092	1528	1531	1533	rVB3	24470	23758	2.02%	0.160%
41	11.127	1533	1537	1541	rBV6	15866	32826	2.78%	0.221%
42	11.251	1555	1558	1561	rBV	104890	87136	7.39%	0.587%
43	11.280	1561	1563	1565	rVV	45975	43200	3.66%	0.291%
44	11.298	1565	1566	1570	rVB	46981	39969	3.39%	0.269%
45	11.404	1580	1584	1586	rBV	1000191	893603	75.81%	6.025%
46	11.427	1586	1588	1593	rVV	572331	484766	41.13%	3.268%
47	11.480	1594	1597	1602	rVB	101674	100959	8.56%	0.681%
48	11.563	1609	1611	1615	rBV3	15207	15977	1.36%	0.108%
49	11.639	1620	1624	1628	rVV	45891	59490	5.05%	0.401%
50	11.680	1628	1631	1636	rVV2	76994	76894	6.52%	0.518%
51	11.739	1638	1641	1644	rVV	18652	22498	1.91%	0.152%
52	11.780	1645	1648	1652	rVB	527153	398657	33.82%	2.688%
53	11.910	1666	1670	1672	rBV	79555	84778	7.19%	0.572%
54	11.933	1672	1674	1679	rVB	83297	80886	6.86%	0.545%
55	11.986	1680	1683	1686	rBV2	22416	23321	1.98%	0.157%
56	12.021	1686	1689	1691	rBV2	94985	100992	8.57%	0.681%
57	12.086	1697	1700	1703	rBV	80573	68605	5.82%	0.463%
58	12.145	1707	1710	1713	rBV4	10770	13966	1.18%	0.094%
59	12.198	1717	1719	1724	rVV	34338	41291	3.50%	0.278%
60	12.239	1724	1726	1729	rVB3	31555	29451	2.50%	0.199%
61	12.380	1748	1750	1753	rVB	19769	14209	1.21%	0.096%
62	12.468	1761	1765	1767	rBV	1141178	1068865	90.68%	7.206%
63	12.486	1767	1768	1775	rVB2	866358	767068	65.07%	5.171%
64	12.545	1775	1778	1779	rBV2	19068	21118	1.79%	0.142%
65	12.574	1780	1783	1788	rVB	231647	195426	16.58%	1.318%
66	12.621	1788	1791	1795	rBV	390691	354659	30.09%	2.391%
67	12.686	1800	1802	1804	rBV2	17934	16402	1.39%	0.111%
68	12.851	1825	1830	1836	rVV	332365	364850	30.95%	2.460%
69	12.904	1836	1839	1842	rVB5	25831	29160	2.47%	0.197%
70	12.986	1847	1853	1856	rBV	247553	250456	21.25%	1.689%
71	13.180	1884	1886	1888	rVB2	44876	30930	2.62%	0.209%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	13.204	1888	1890	1892	rVB	33097	21015	1.78%	0.142%
73	13.245	1895	1897	1900	rVB	56231	50197	4.26%	0.338%
74	13.286	1901	1904	1910	rBV4	35972	69026	5.86%	0.465%
75	13.410	1922	1925	1928	rBV3	50484	57877	4.91%	0.390%
76	14.057	2030	2035	2038	rBV2	714095	788435	66.89%	5.315%
77	14.080	2038	2039	2044	rVB	116557	85527	7.26%	0.577%
78	15.121	2213	2216	2219	rBV	80585	106639	9.05%	0.719%
79	15.562	2286	2291	2302	rVB	454760	668069	56.68%	4.504%

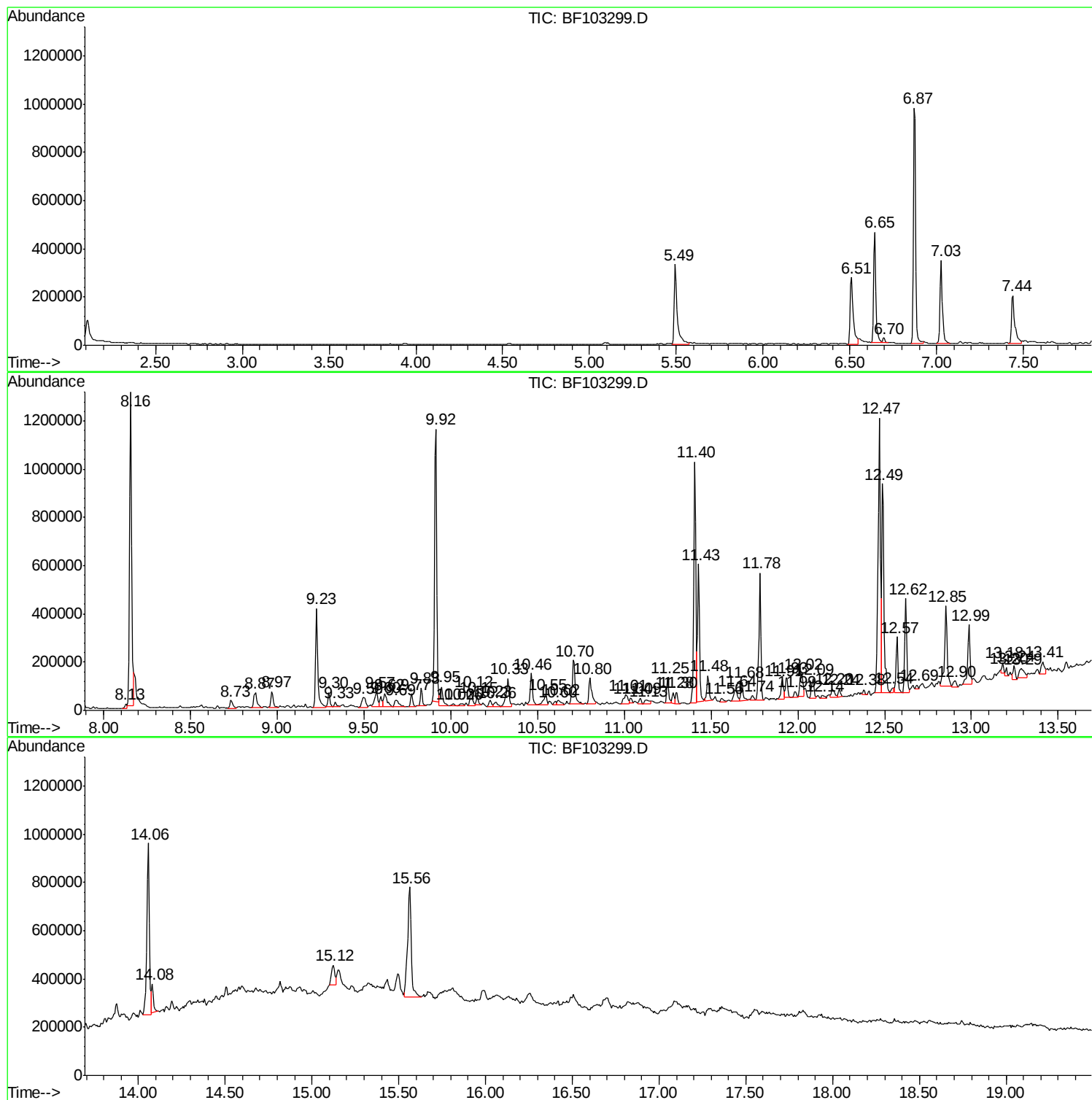
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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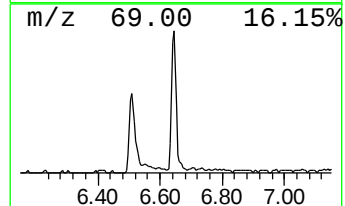
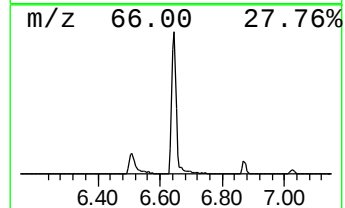
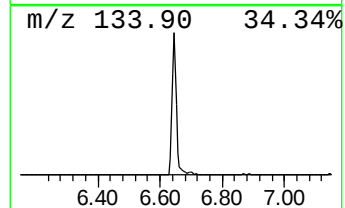
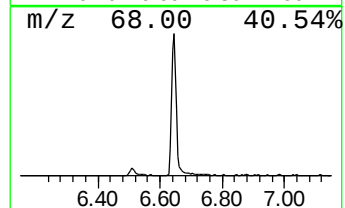
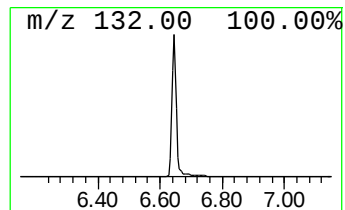
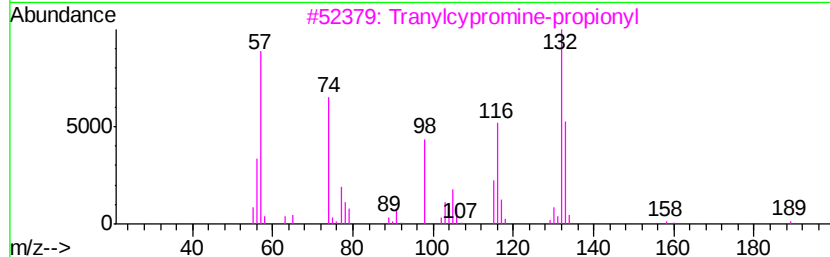
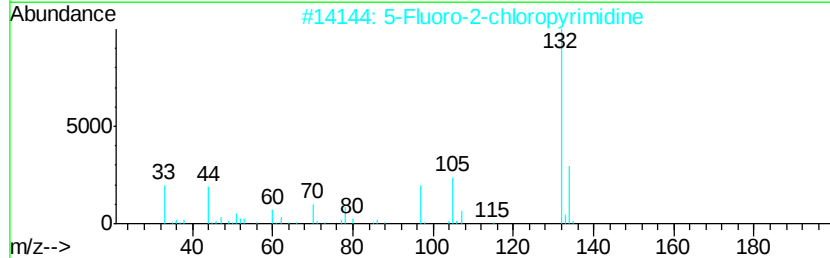
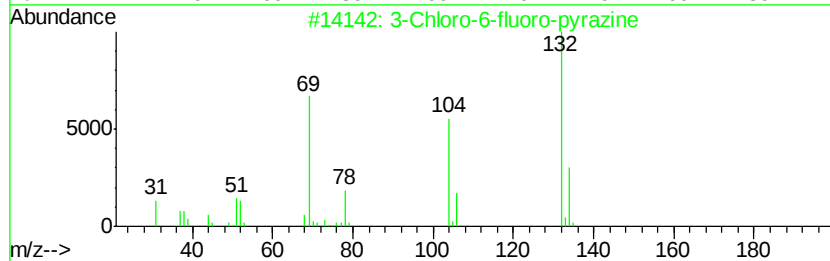
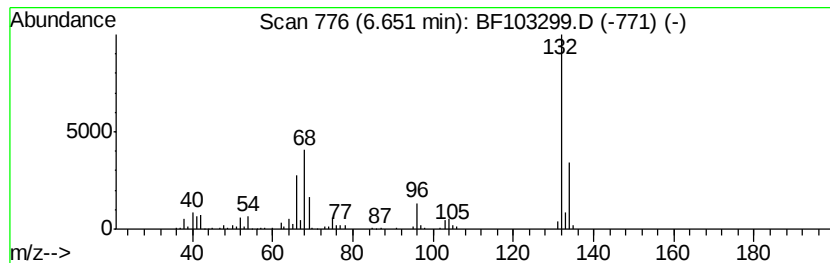
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	9.21 ng	433528	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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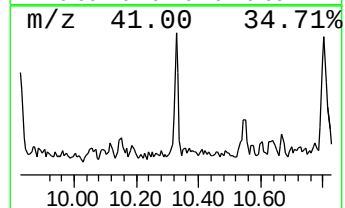
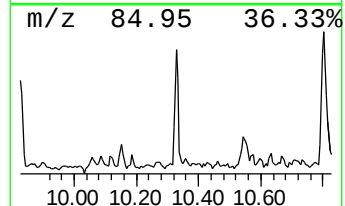
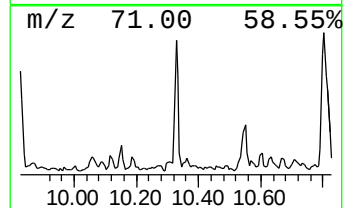
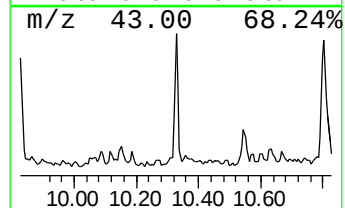
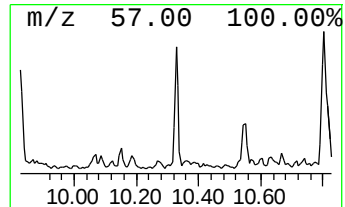
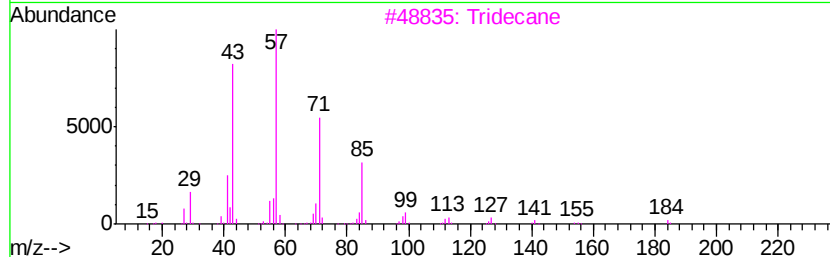
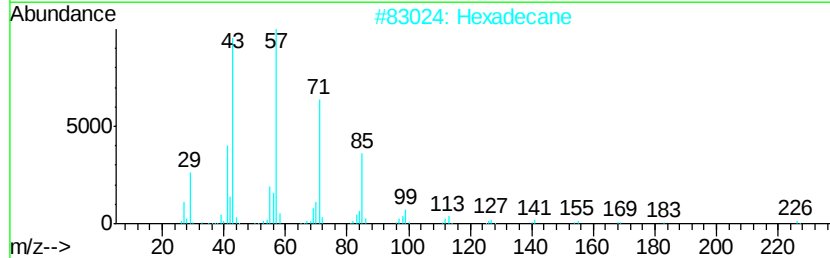
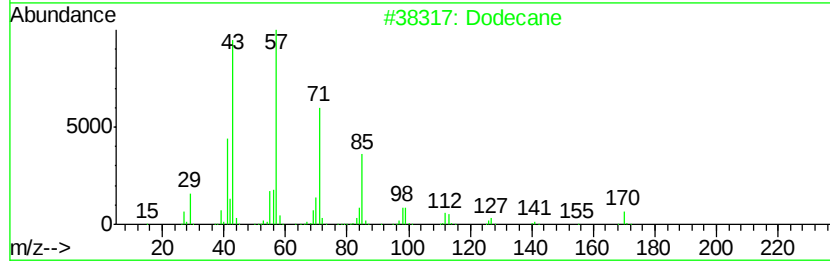
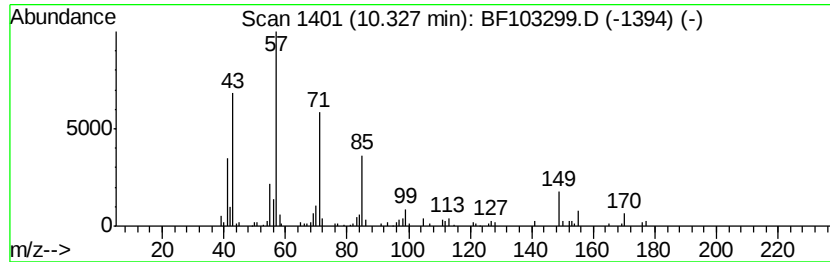
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.55 ng	136138	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	74
2	Hexadecane	226 C16H34	000544-76-3	74
3	Tridecane	184 C13H28	000629-50-5	72
4	Tetradecane	198 C14H30	000629-59-4	72
5	Eicosane	282 C20H42	000112-95-8	72



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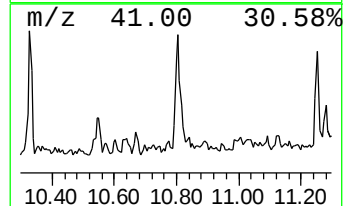
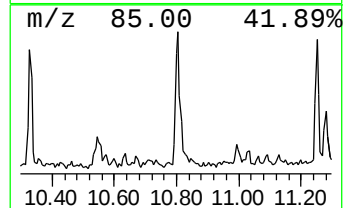
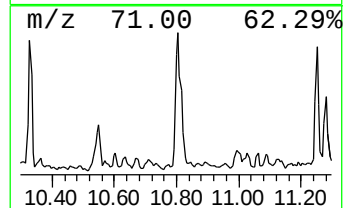
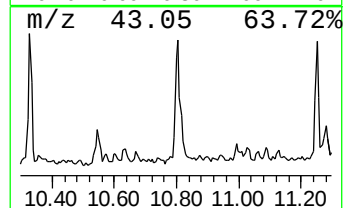
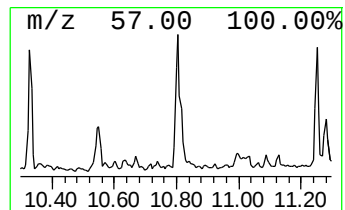
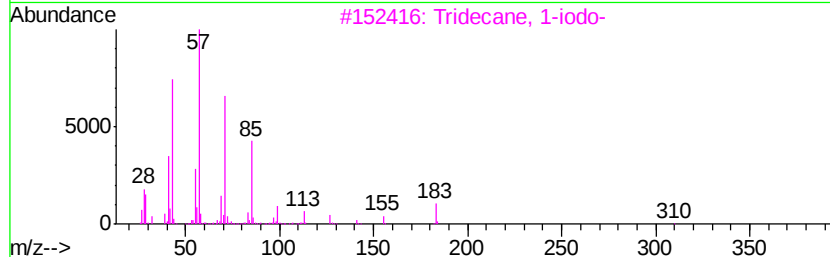
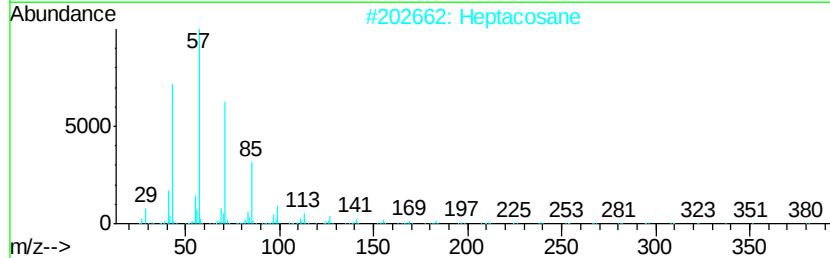
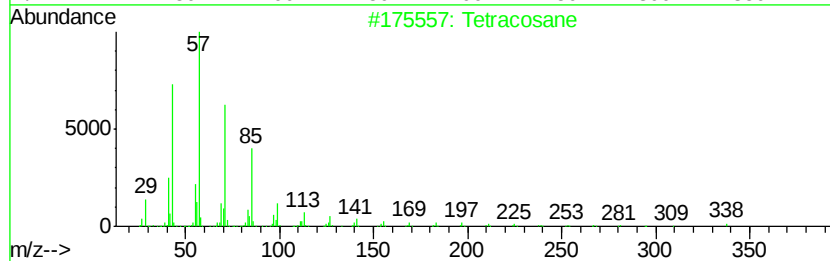
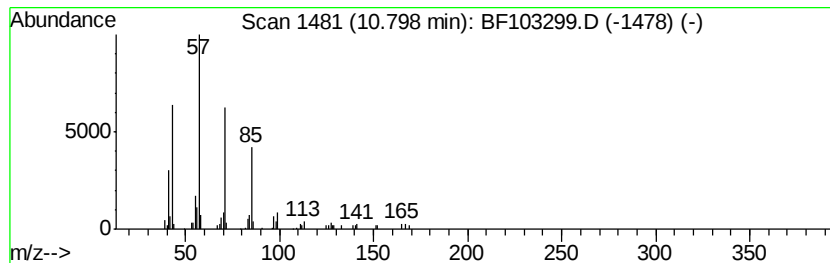
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.95 ng	131962	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	87
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5		Pentadecane	212	C15H32	000629-62-9	64



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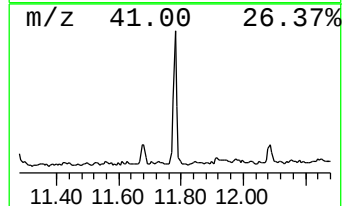
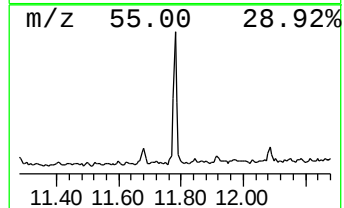
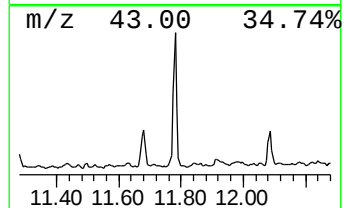
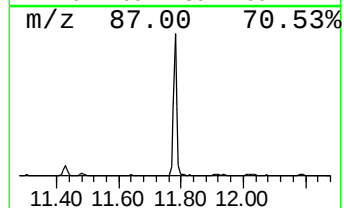
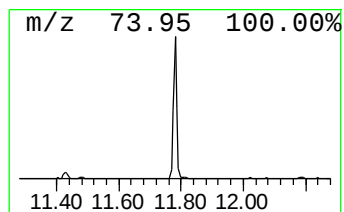
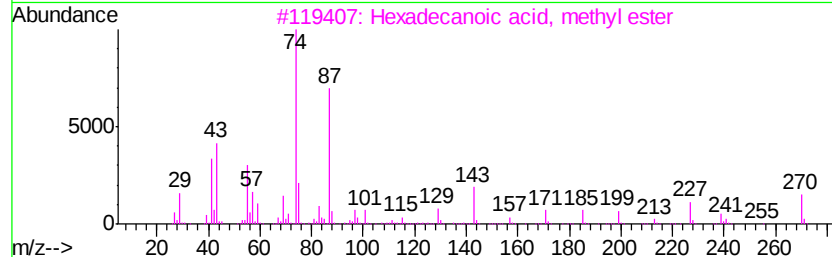
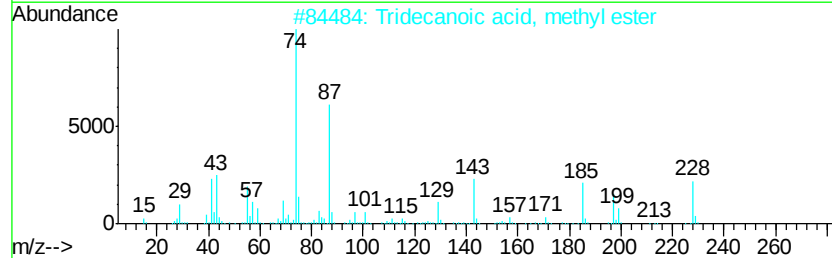
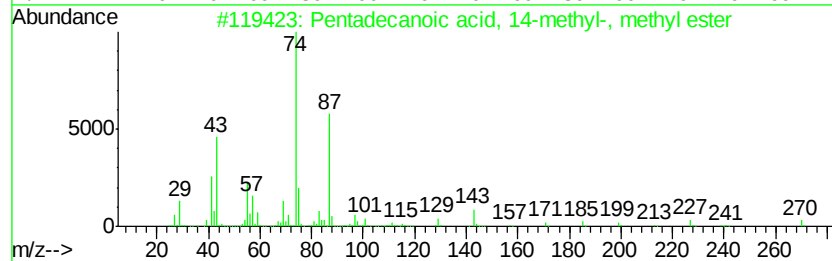
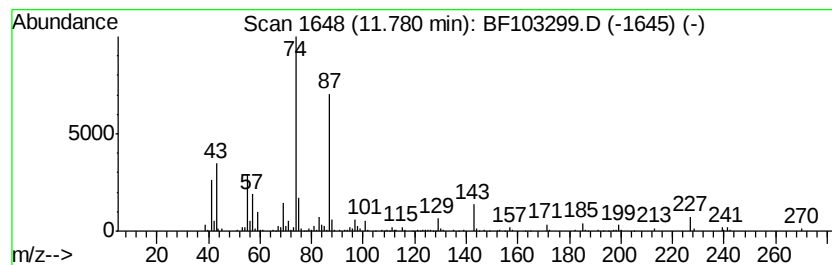
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecanoic acid, 14-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.92 ng	398657	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103299.D
Acq On : 28 Feb 2018 18:03
Operator : SJ/JU
Sample : J1403-07 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

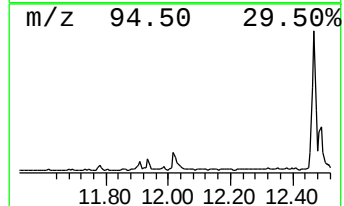
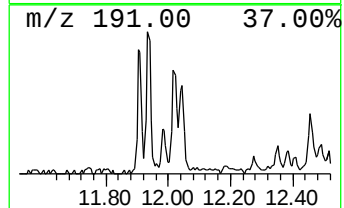
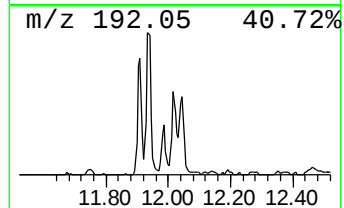
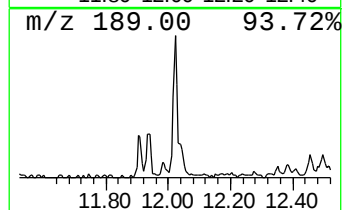
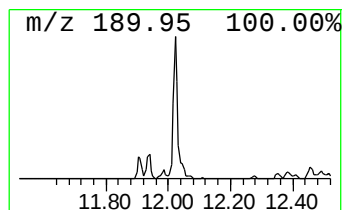
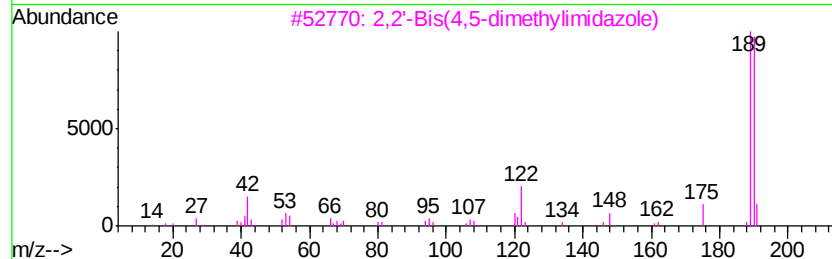
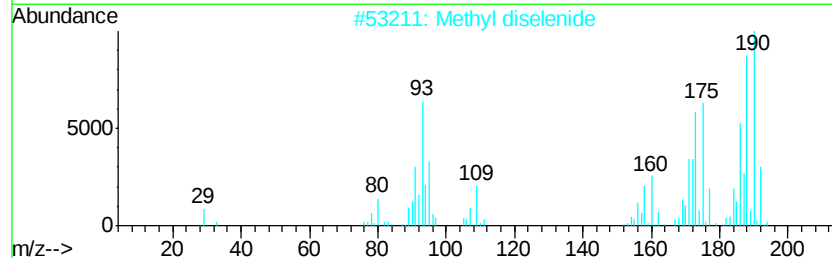
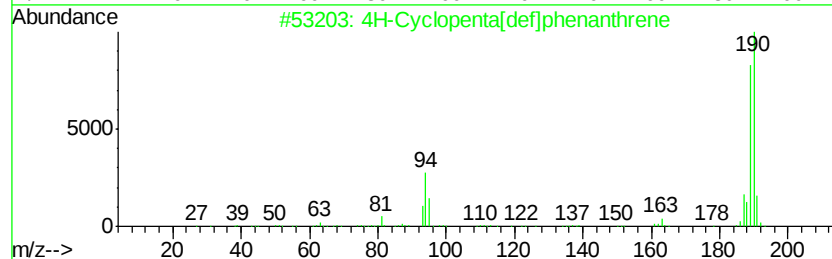
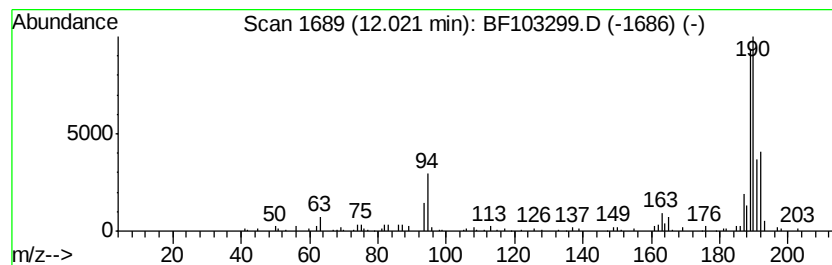
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.26 ng	100992	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		Methyl diselenide	190	C2H6Se2	007101-31-7	43
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	33
5		1,4-Naphthalenedione, 5,8-dihydr...	190	C10H6O4	000475-38-7	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103299.D
Acq On : 28 Feb 2018 18:03
Operator : SJ/JU
Sample : J1403-07 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

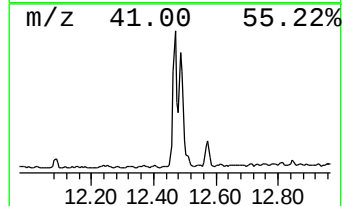
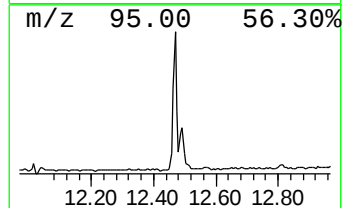
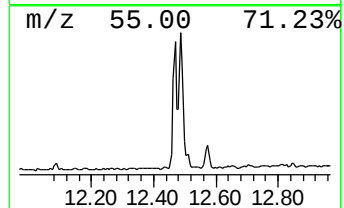
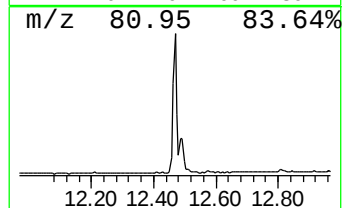
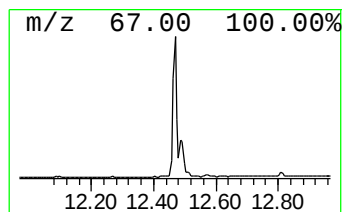
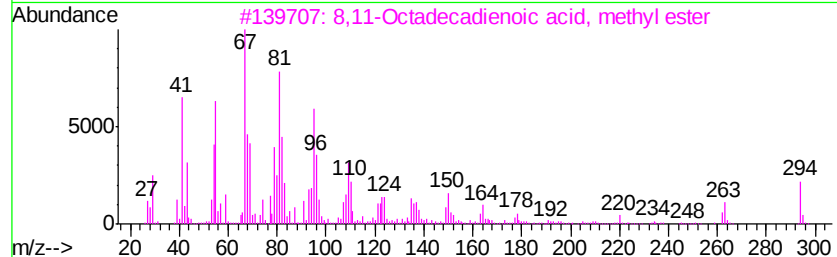
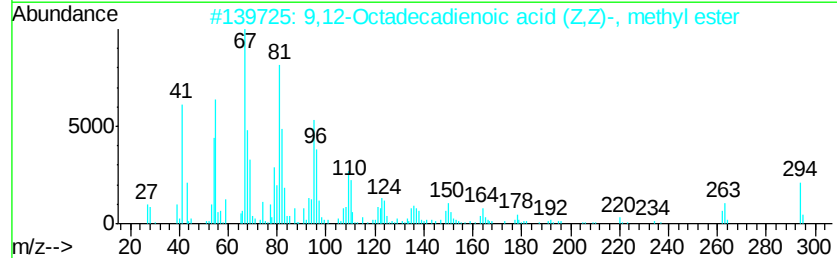
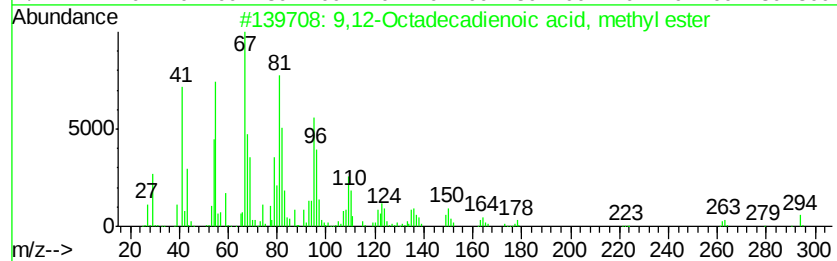
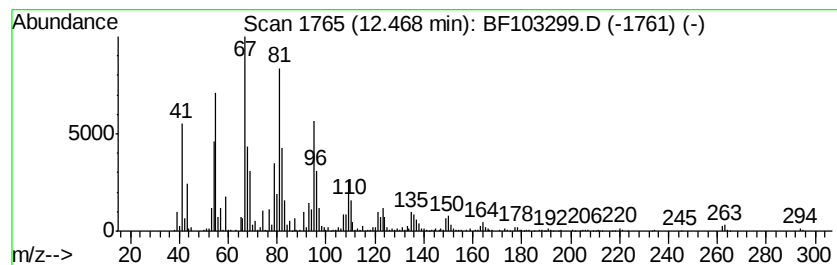
Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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.		
12.47	23.92 ng	1068870	Phenanthrene-d10	11.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98	
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98	



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103299.D
Acq On : 28 Feb 2018 18:03
Operator : SJ/JU
Sample : J1403-07 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

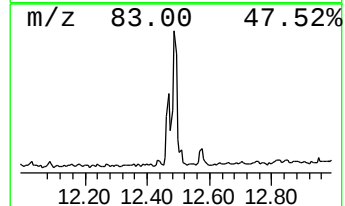
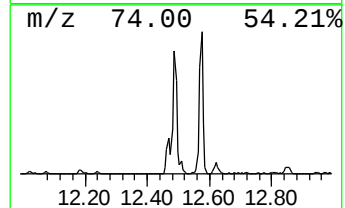
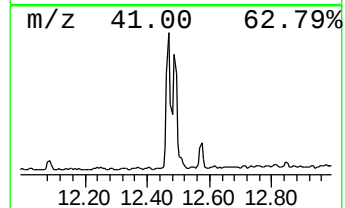
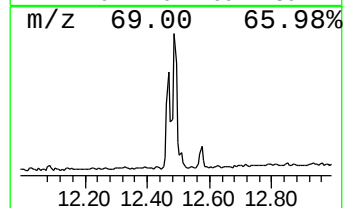
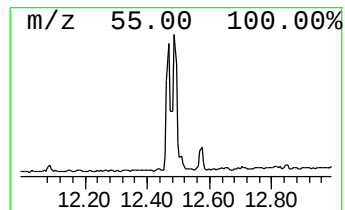
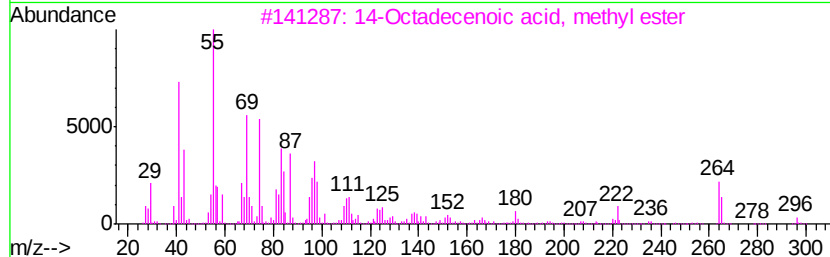
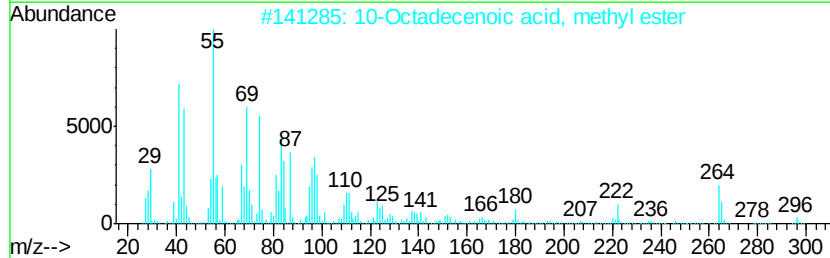
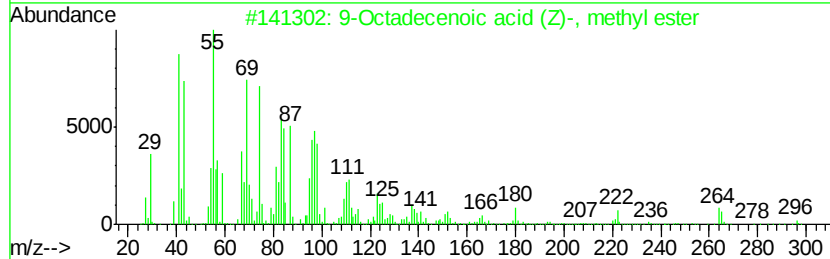
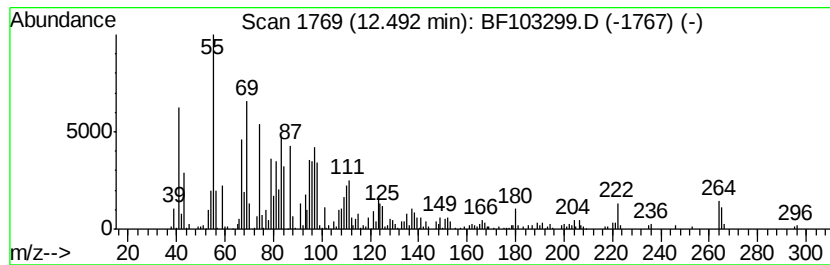
Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	17.17 ng	767068	Phenanthrene-d10	11.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5		Cyclopropanoic acid, 2-hex...	282	C18H34O2	010152-61-1	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022818\
Data File : BF103299.D
Acq On : 28 Feb 2018 18:03
Operator : SJ/JU
Sample : J1403-07 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
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Dodecane	10.33	2.5	ng	136138	3	9.92	1068840	20.0
Tetracosane	10.80	3.0	ng	131962	4	11.40	893603	20.0
Pentadecanoic aci...	11.78	8.9	ng	398657	4	11.40	893603	20.0
4H-Cyclopenta[def...	12.02	2.3	ng	100992	4	11.40	893603	20.0
9,12-Octadecadien...	12.47	23.9	ng	1068870	4	11.40	893603	20.0
9-Octadecenoic ac...	12.49	17.2	ng	767068	4	11.40	893603	20.0