

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083016\
 Data File : BM007349.D
 Acq On : 30 Aug 2016 19:17
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Manual Integrations
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Quant Time: Aug 31 02:22:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:46:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1251	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	5257	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	3560	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	9472	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	10384	0.40	ng/ul	-0.01
20) Perylene-d12	23.62	264	10367	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.18	152	1926	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	6337	0.30	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.63	128	906	0.07	ng/ul#	74
5) 2-Methylnaphthalene	12.25	142	621	0.07	ng/ul	95
7) Acenaphthylene	14.14	152	1092	0.06	ng/ul#	90
8) Acenaphthene	14.49	153	820	0.07	ng/ul#	88
9) Fluorene	15.48	166	968	0.07	ng/ul#	78
11) Pentachlorophenol	16.83	266	131	0.06	ng/ul	95
12) Phenanthrene	17.21	178	1774	0.07	ng/ul#	90
13) Anthracene	17.30	178	1596	0.06	ng/ul#	86
15) Fluoranthene	19.23	202	2249	0.07	ng/ul	91
17) Pyrene	19.59	202	2363	0.07	ng/ul#	95
18) Benzo(a)anthracene	21.34	228	2161	0.07	ng/ul	93
19) Chrysene	21.38	228	2328m	0.07	ng/ul	
21) Benzo(b)fluoranthene	22.93	252	2346	0.06	ng/ul	84
22) Benzo(k)fluoranthene	22.97	252	2426	0.08	ng/ul#	86
23) Benzo(a)pyrene	23.51	252	2253	0.07	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.91	276	2399	0.06	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.92	278	1872	0.06	ng/ul#	83
26) Benzo(g,h,i)perylene	26.60	276	2070	0.06	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

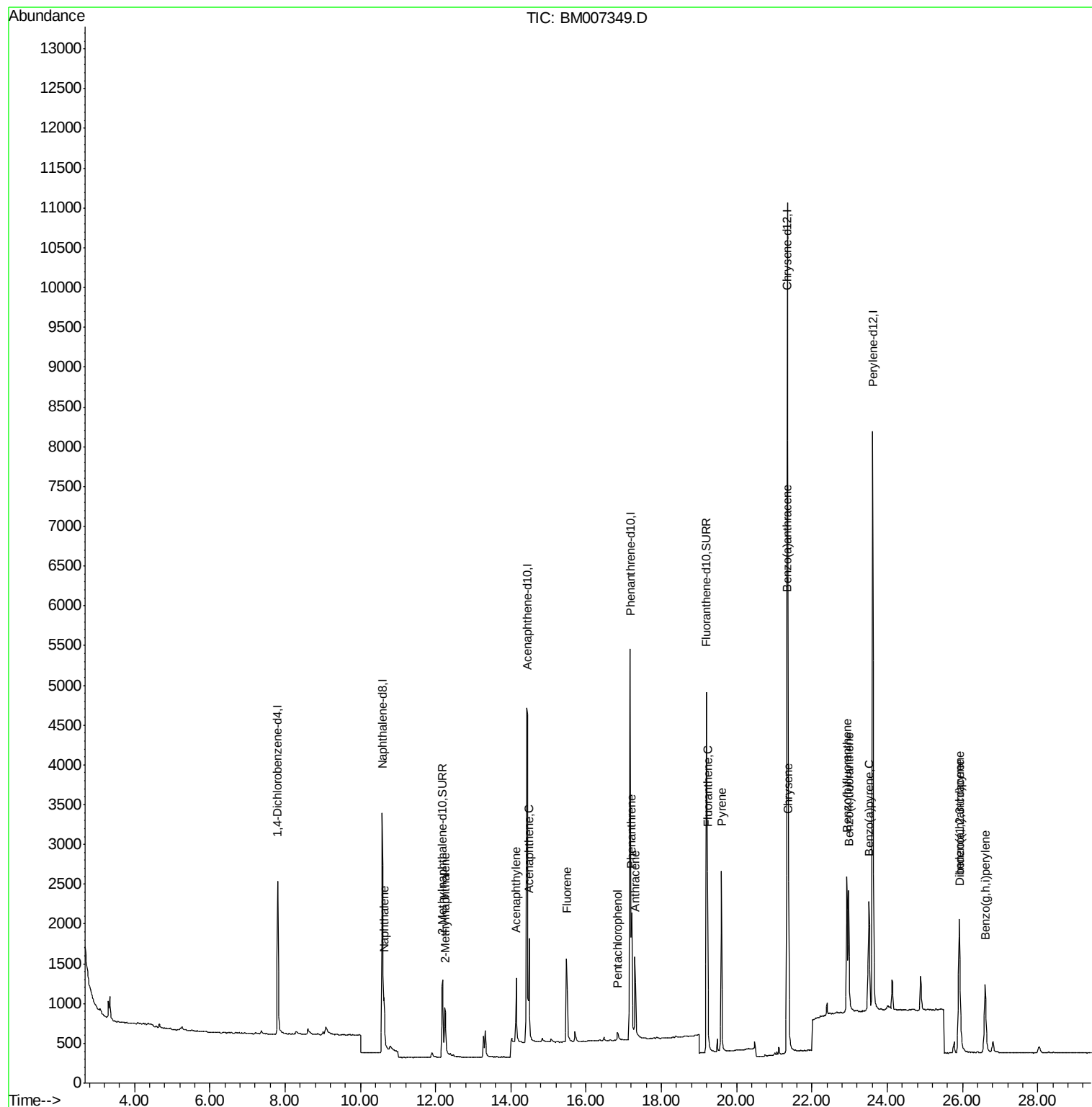
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083016\
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ALS Vial : 9 Sample Multiplier: 1

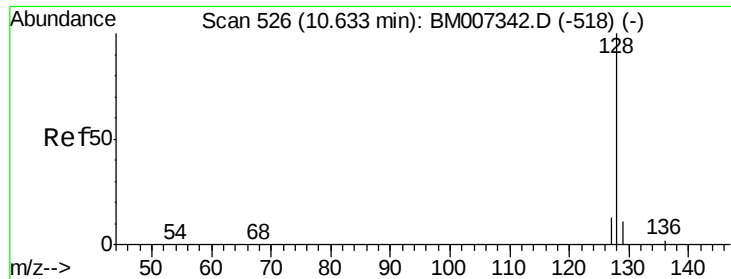
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 23:46:46 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.07 ng/ul

RT: 10.63 min Scan# 526

Delta R.T. -0.00 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Instrument :

BNA_M

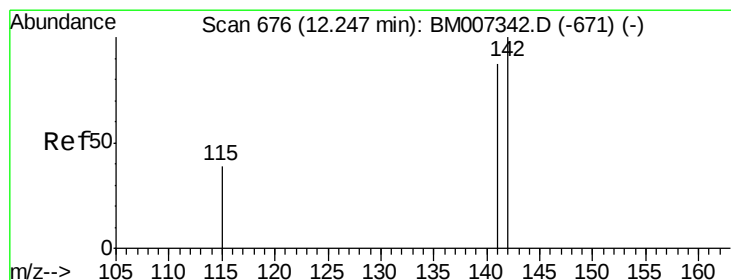
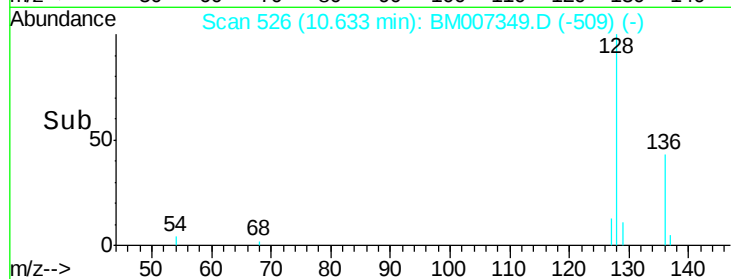
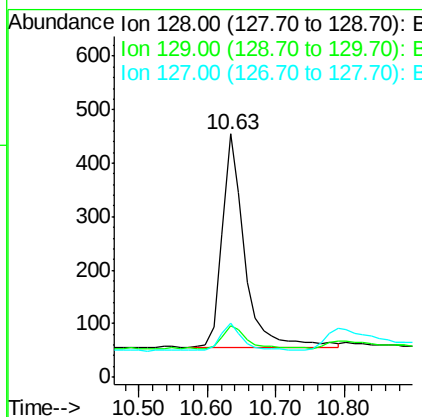
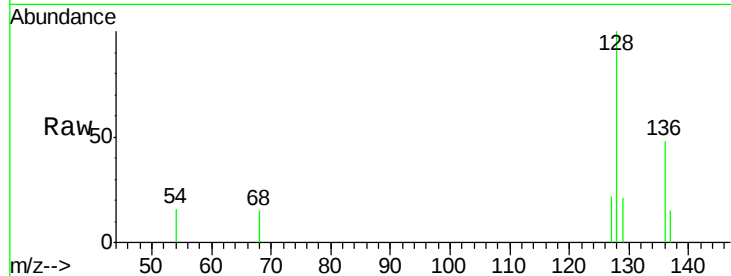
ClientSampled :

MDL-07-W

Tgt	Ion	Ratio	Resp	Lower	Upper
128	100		906		
129	21.3	9.0	13.6#		
127	22.0	9.6	14.4#		

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#5

2-Methylnaphthalene

Concen: 0.07 ng/ul

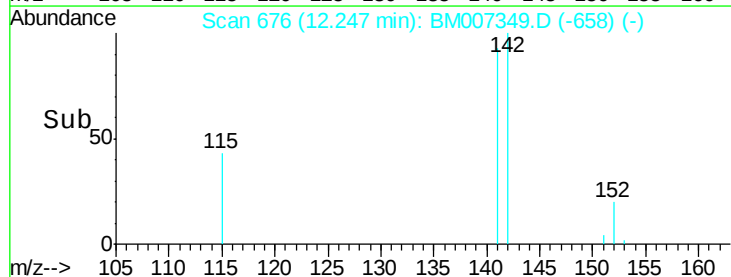
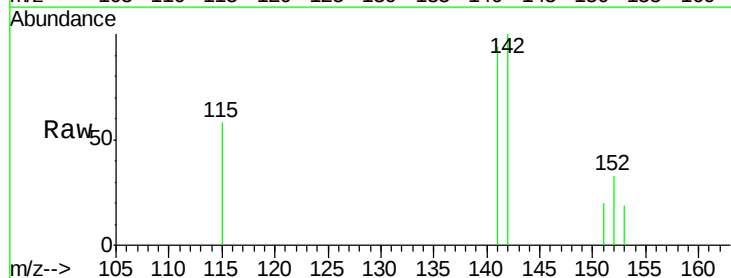
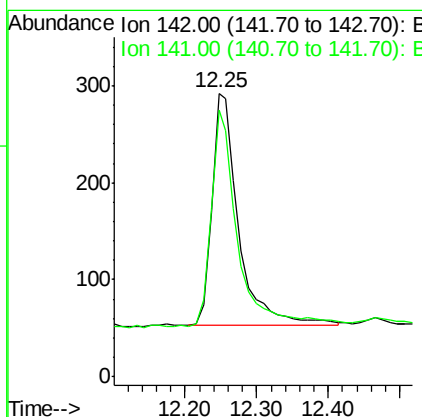
RT: 12.25 min Scan# 676

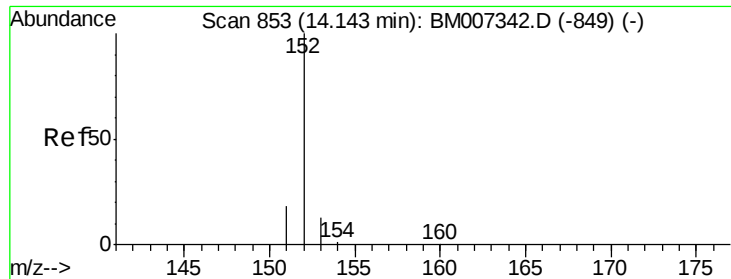
Delta R.T. -0.01 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Tgt	Ion	Ratio	Resp	Lower	Upper
142	100		621		
141	92.9	70.3	105.5		





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Instrument :

BNA_M

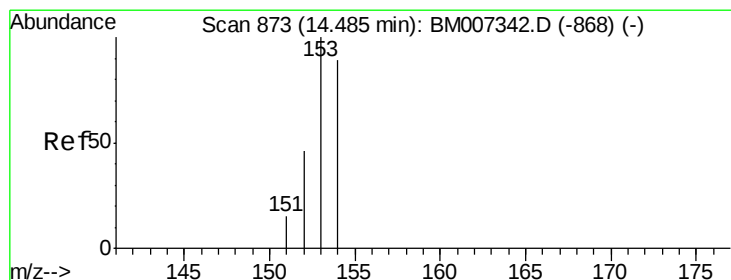
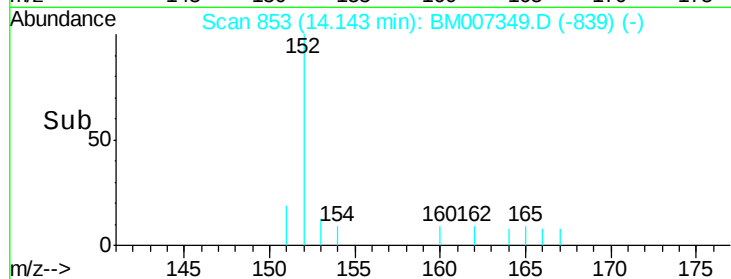
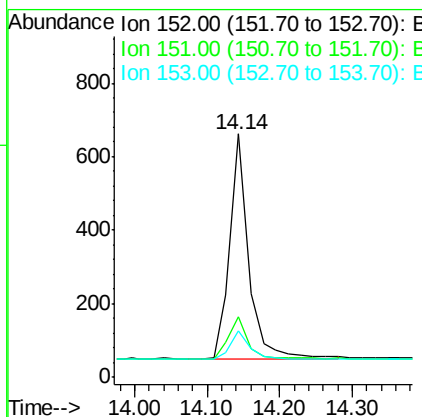
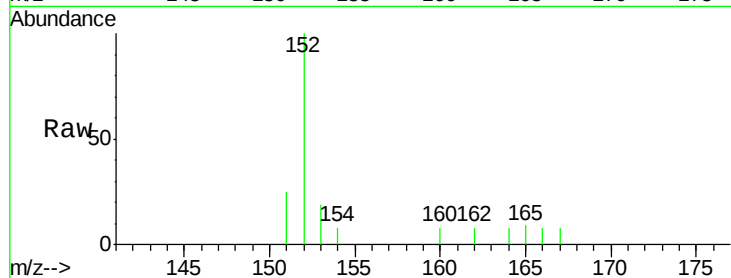
ClientSampleId :

MDL-07-W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	17.6	26.4
153	19.2	9.7	14.5

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#8

Acenaphthene

Concen: 0.07 ng/ul

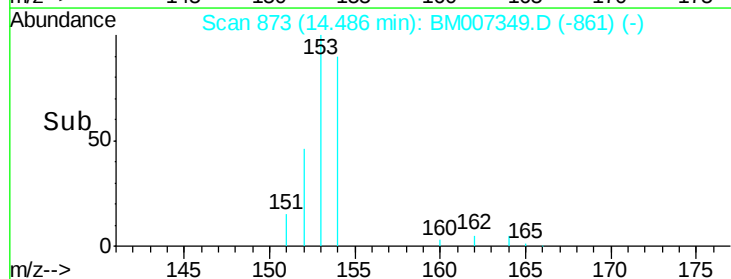
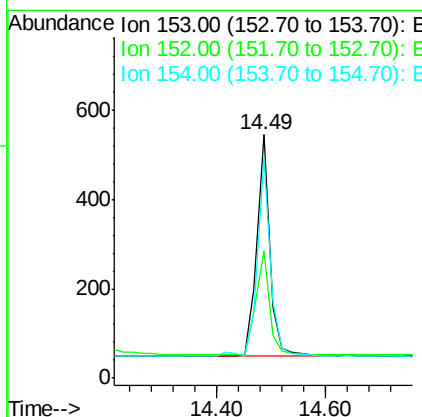
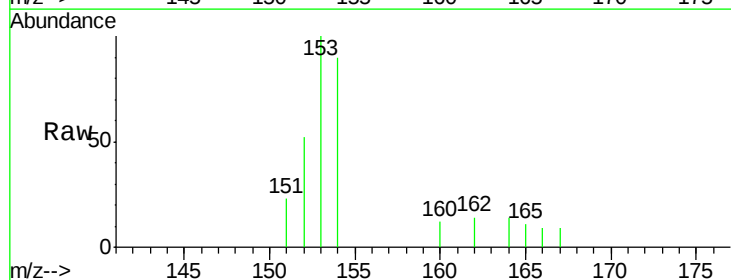
RT: 14.49 min Scan# 873

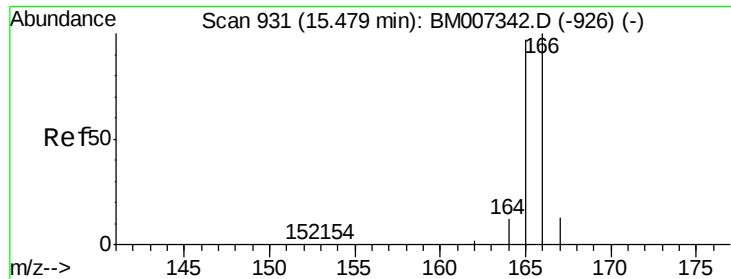
Delta R.T. -0.00 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.0	33.9	50.9
154	90.4	80.6	121.0





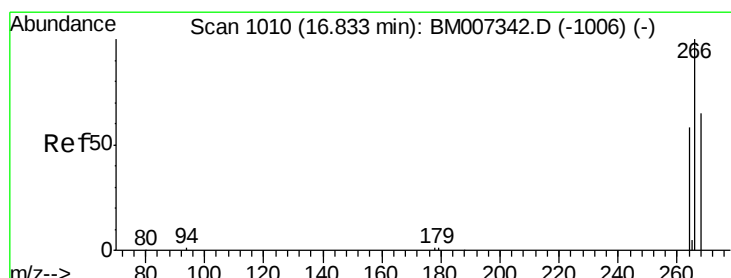
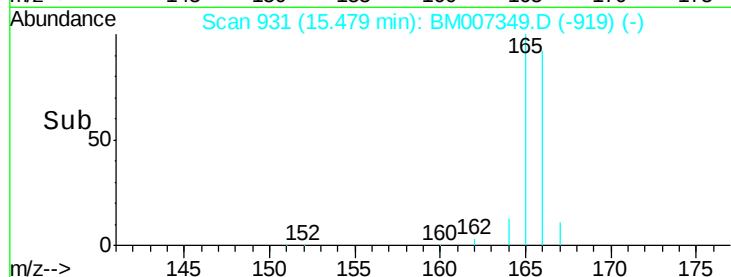
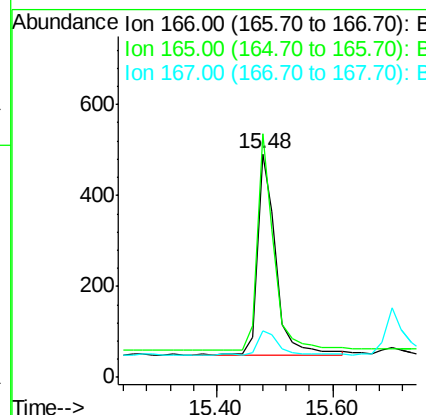
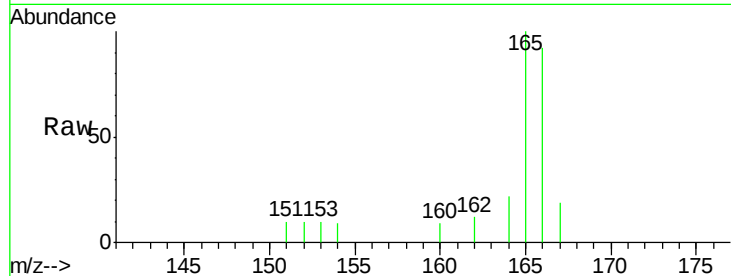
#9
Fluorene
 Concen: 0.07 ng/ul
 RT: 15.48 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BM007349.D
 Acq: 30 Aug 2016 19:17

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.9	69.6	104.4#
167	20.9	11.9	17.9#

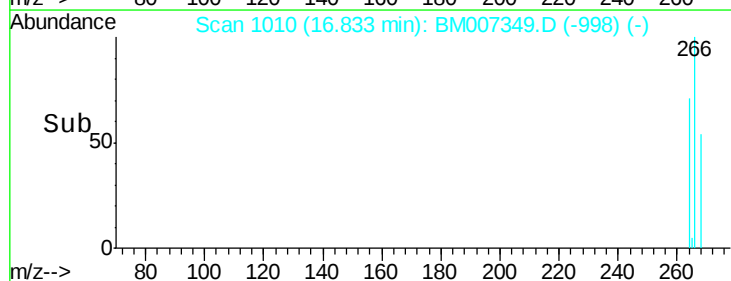
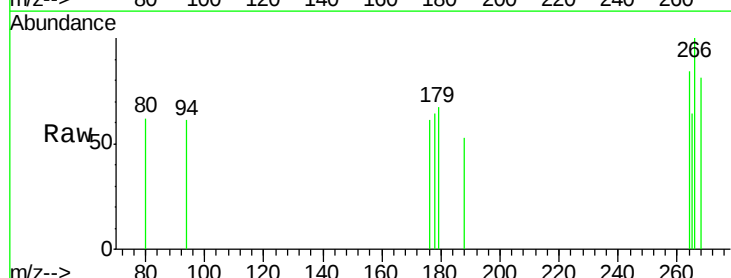
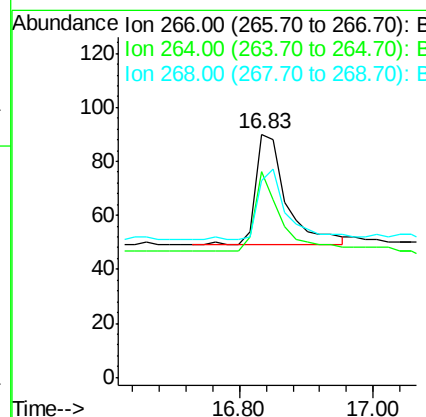
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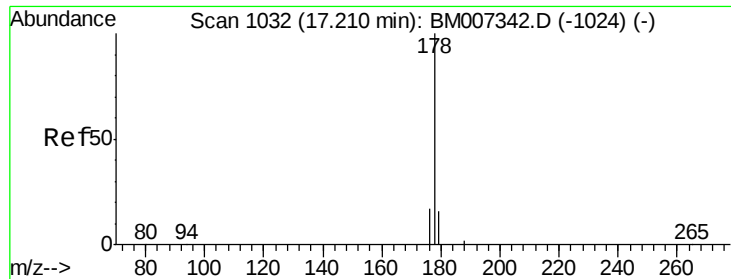
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#11
Pentachlorophenol
 Concen: 0.06 ng/ul
 RT: 16.83 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BM007349.D
 Acq: 30 Aug 2016 19:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.0	51.8	77.8
268	59.5	46.8	70.2





#12

Phenanthrene

Concen: 0.07 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Instrument :

BNA_M

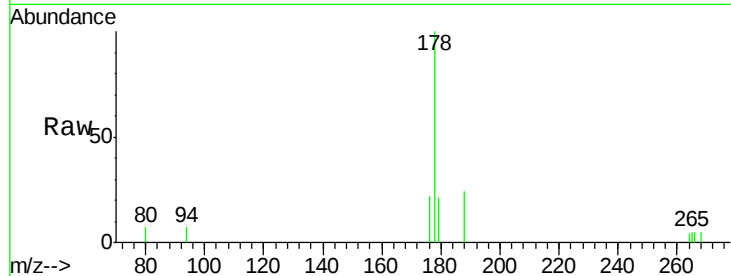
ClientSampled :

MDL-07-W

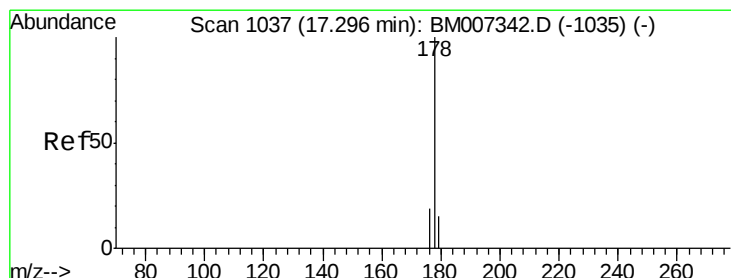
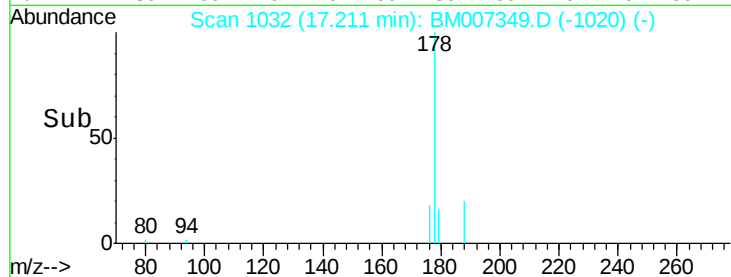
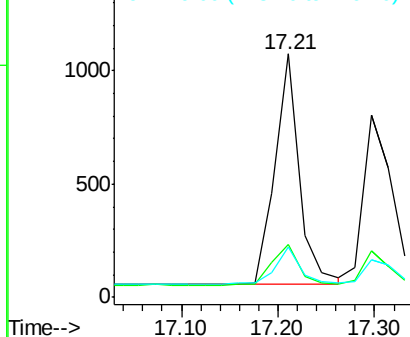
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	13.0	19.4#
179	20.7	14.2	21.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.06 ng/ul

RT: 17.30 min Scan# 1037

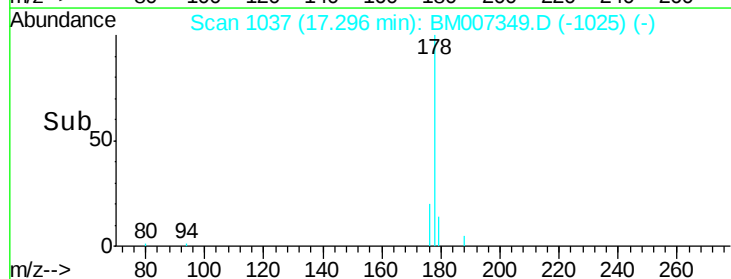
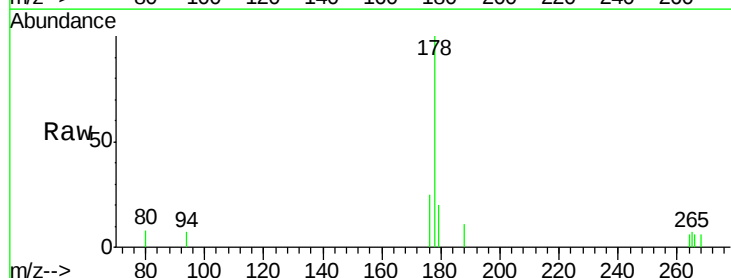
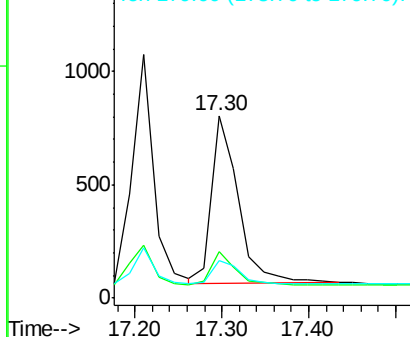
Delta R.T. -0.00 min

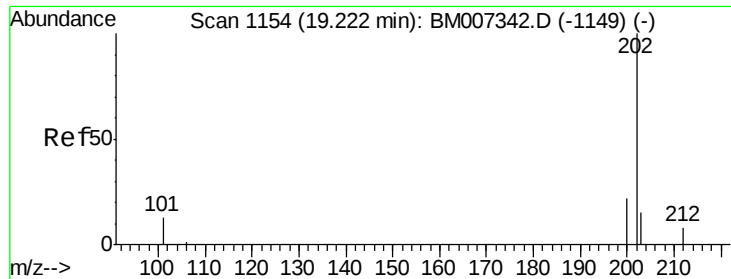
Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.2	14.0	21.0#
179	20.5	12.9	19.3#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.07 ng/ul

RT: 19.23 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Instrument :

BNA_M

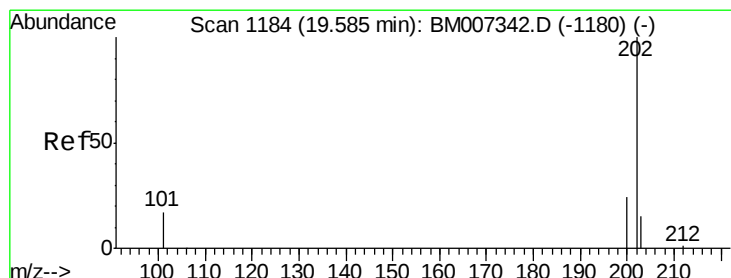
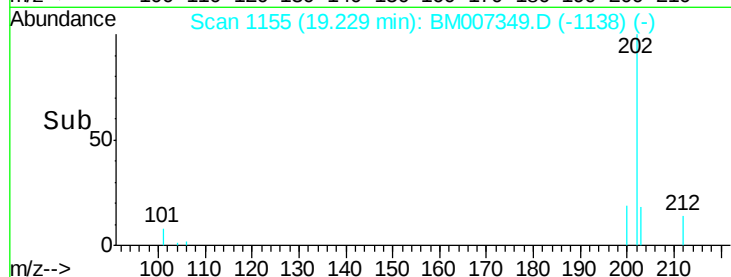
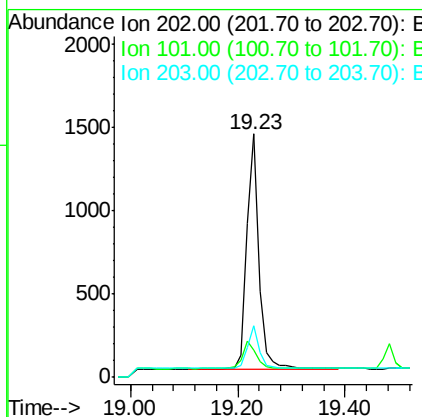
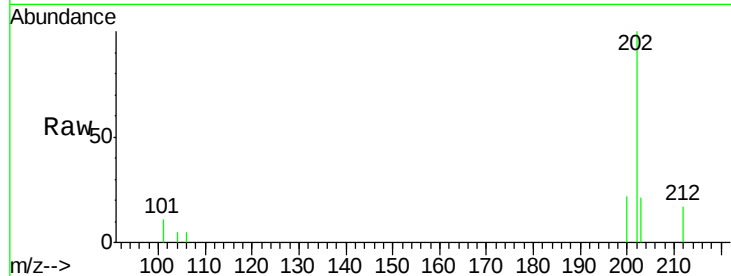
ClientSampleId :

MDL-07-W

Tgt Ion:	202	Resp:	2249
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	29.6
203	21.1	0.0	36.3

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#17

Pyrene

Concen: 0.07 ng/ul

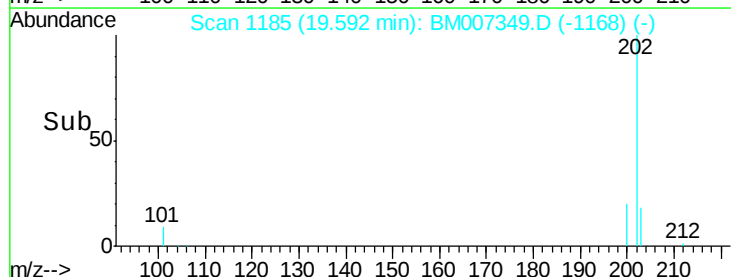
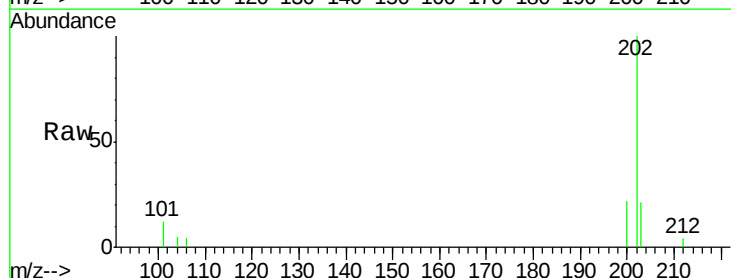
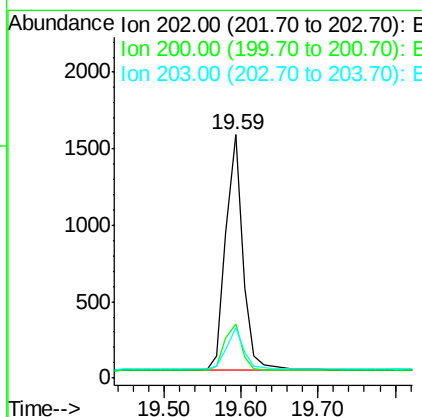
RT: 19.59 min Scan# 1185

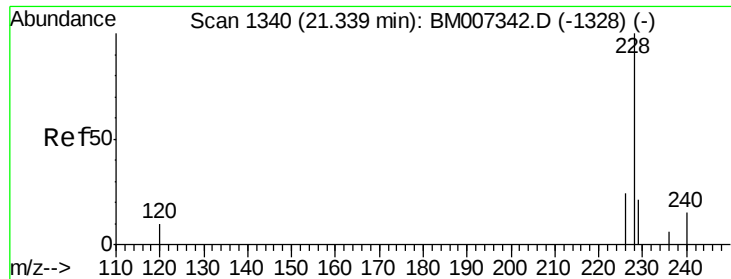
Delta R.T. -0.00 min

Lab File: BM007349.D

Acq: 30 Aug 2016 19:17

Tgt Ion:	202	Resp:	2363
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.8
203	20.6	12.8	19.2#





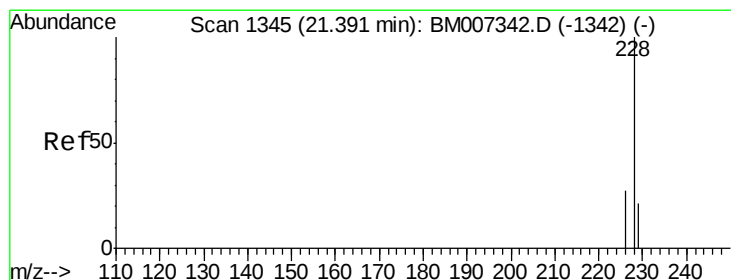
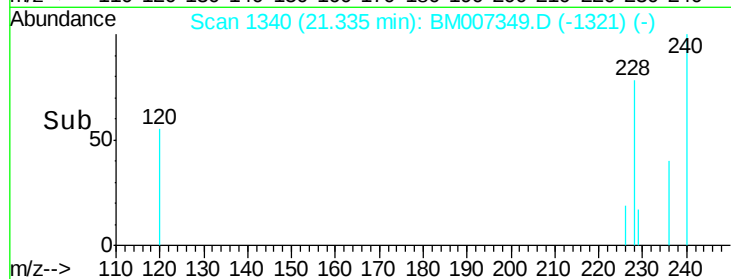
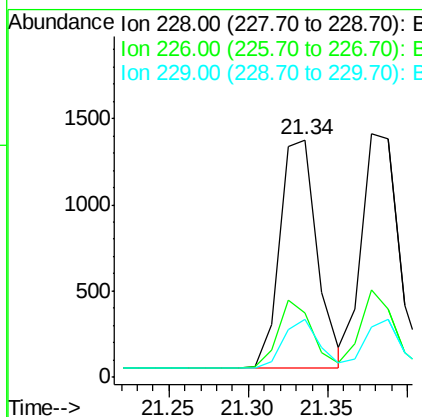
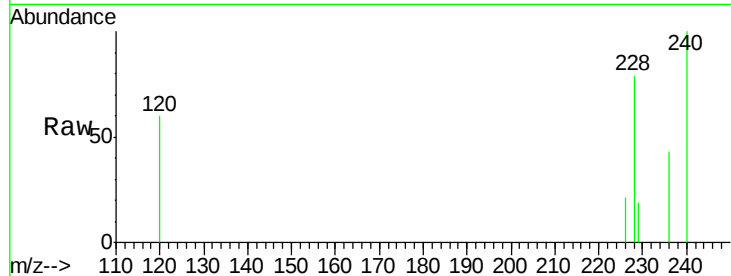
#18
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	18.8	28.2
229	24.5	17.1	25.7

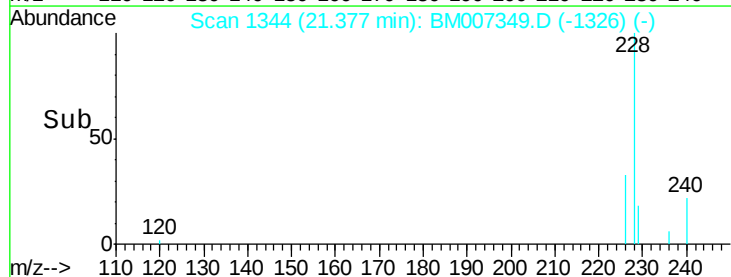
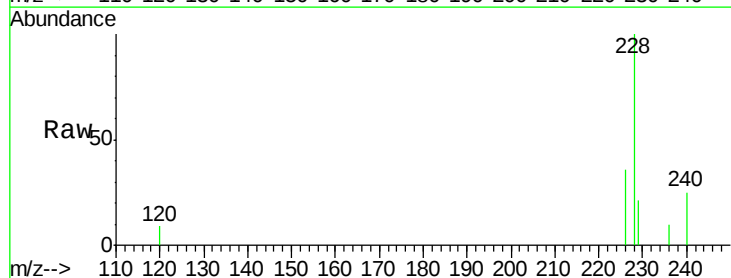
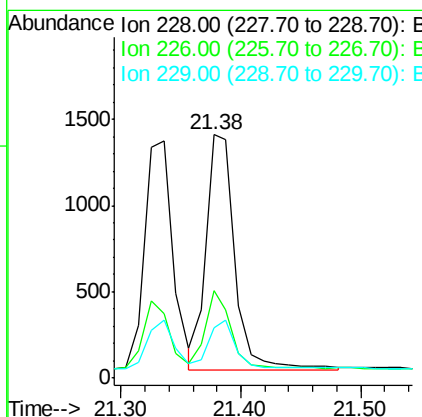
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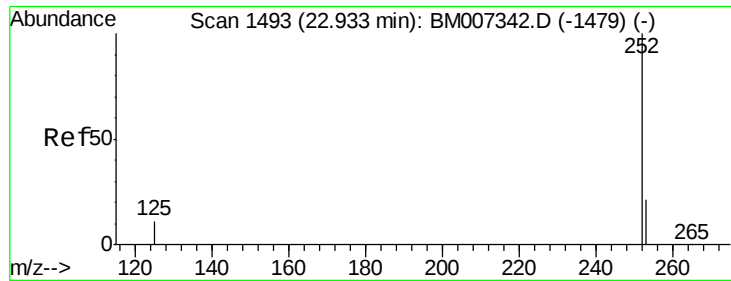
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#19
Chrysene
Concen: 0.07 ng/ul m
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.7	21.2	31.8#
229	20.8	17.0	25.6





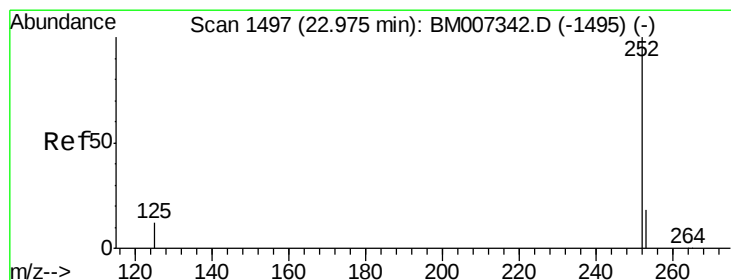
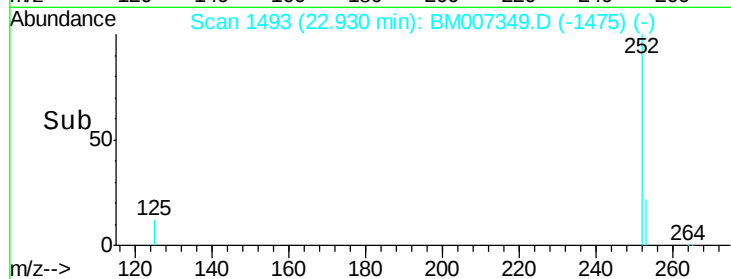
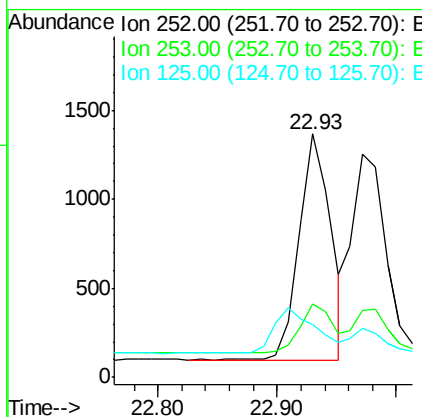
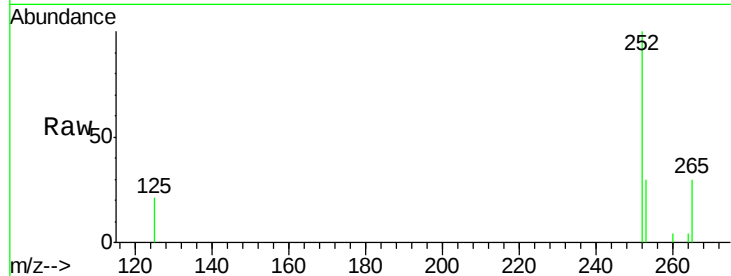
#21
Benzo(b)fluoranthene
Concen: 0.06 ng/u1
RT: 22.93 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	45.4
125	21.5	0.0	28.8

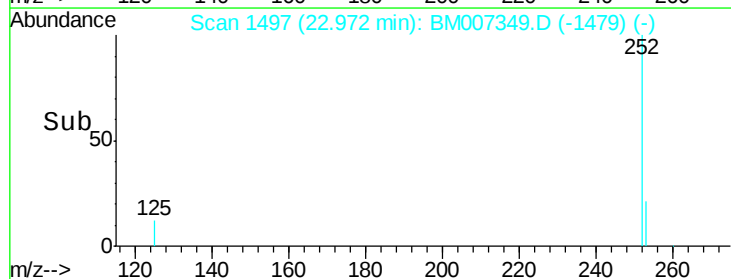
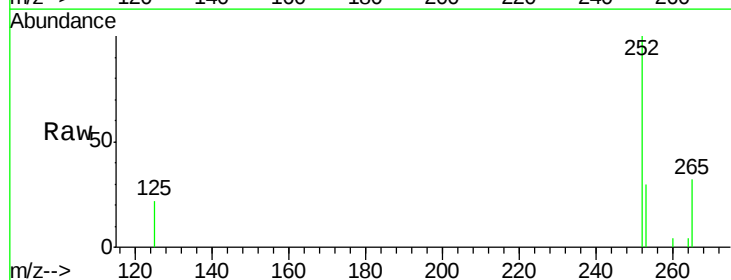
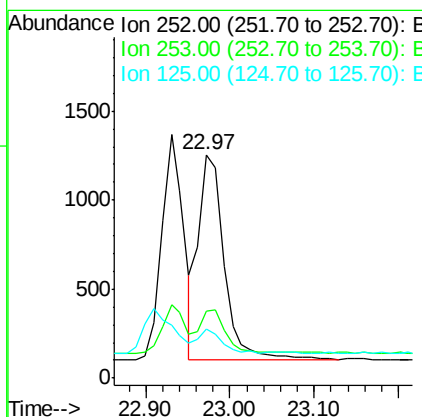
Manual Integrations
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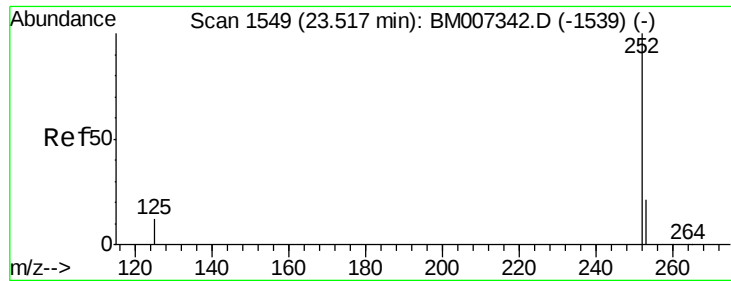
Sohil
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#22
Benzo(k)fluoranthene
Concen: 0.08 ng/u1
RT: 22.97 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.8	29.8#
125	21.7	10.4	15.6#





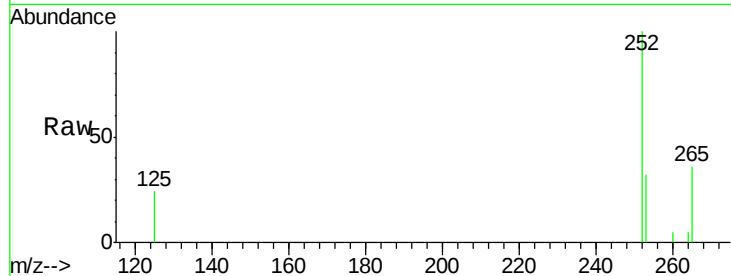
#23
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.51 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.4	29.2#
125	24.2	12.7	19.1#

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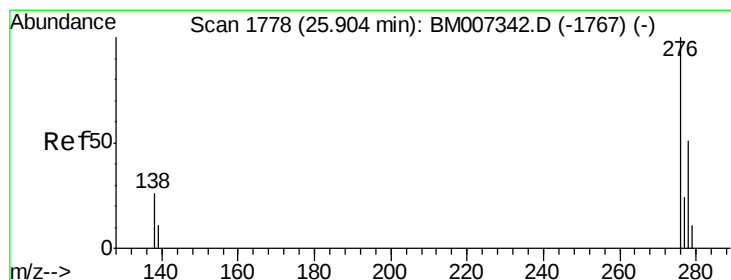
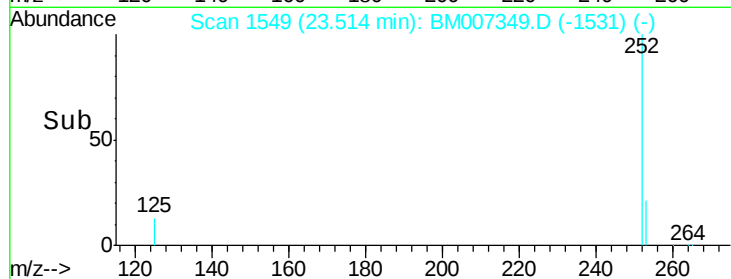
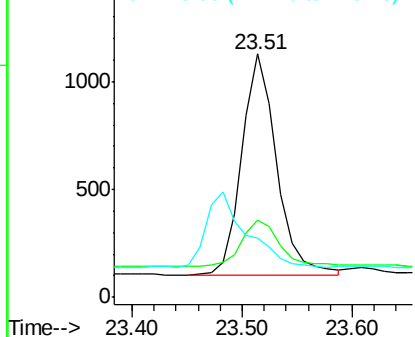


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 25.91 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

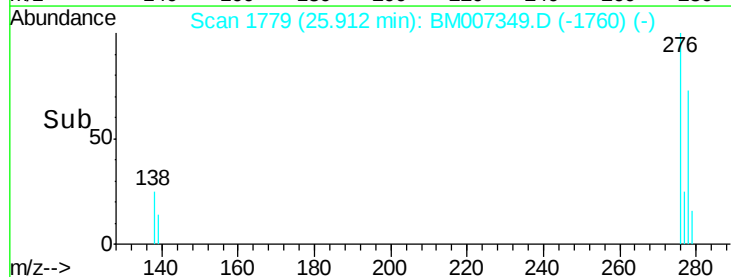
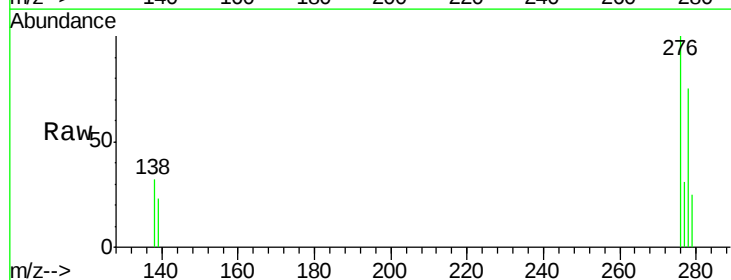
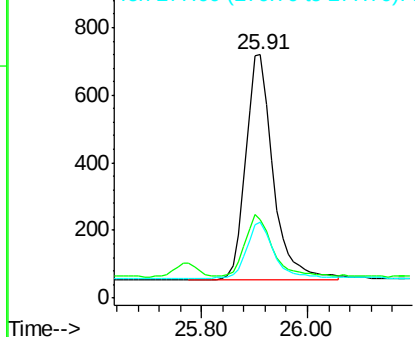
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	16.3	24.5#
277	24.6	19.8	29.8

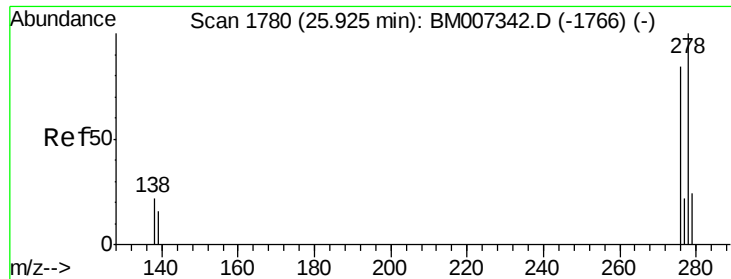
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





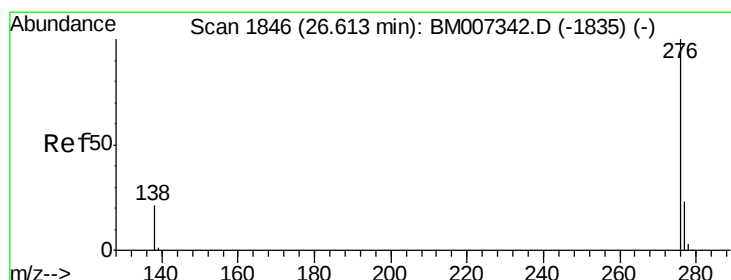
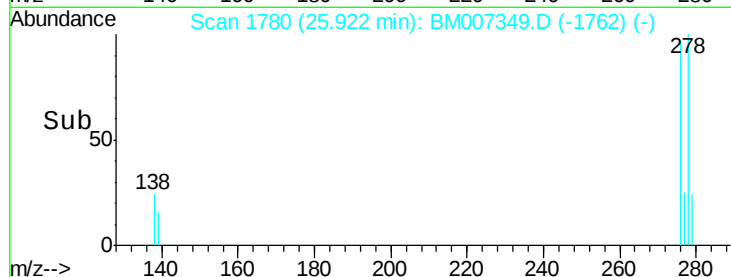
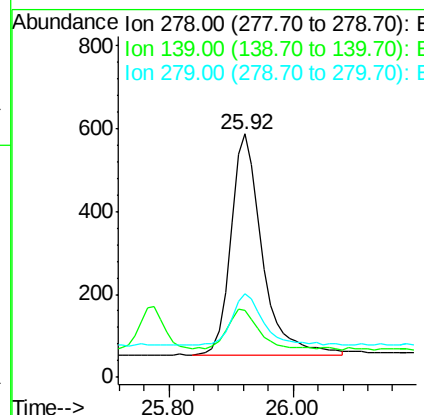
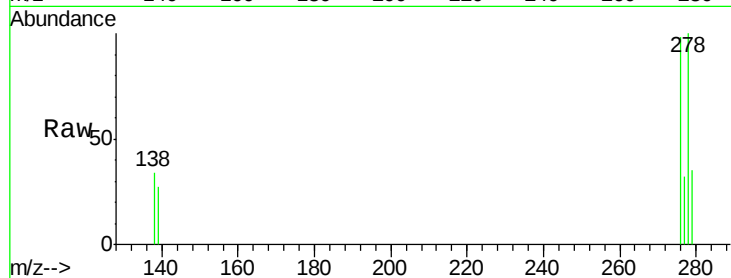
#25
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.92 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1872		
139	27.4	16.4	24.6#	
279	34.5	20.2	30.2#	

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#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.60 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM007349.D
Acq: 30 Aug 2016 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2070		
277	30.8	18.9	28.3#	
138	31.3	22.5	33.7	

