

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004805.D
 Acq On : 28 Mar 2016 14:07
 Operator : UM/SJ
 Sample : H1909-17DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T51DL

Manual Integrations
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Sohil
 4/6/2016 5:05:00 PM

Quant Time: Apr 05 19:40:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	975	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4417	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2432	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5472	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	5923	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	5566	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	627	1.43	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	248	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	696	0.05	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	7105	0.67	ng/ul	97
7) 2-Methylnaphthalene	12.28	142	3614	0.47	ng/ul	100
9) Acenaphthylene	14.18	152	1612	0.14	ng/ul#	85
10) Acenaphthene	14.52	153	11461	1.45	ng/ul	90
11) Fluorene	15.51	166	13026	1.38	ng/ul	93
14) Phenanthrene	17.24	178	194608	12.66	ng/ul	96
15) Anthracene	17.33	178	41458	2.85	ng/ul	97
17) Fluoranthene	19.27	202	216460	12.37	ng/ul	96
19) Pyrene	19.63	202	205110	10.11	ng/ul	96
20) Benzo(a)anthracene	21.38	228	96472	5.30	ng/ul	98
21) Chrysene	21.43	228	83238	4.73	ng/ul	97
23) Benzo(b)fluoranthene	22.99	252	89777m	4.79	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	38110m	2.19	ng/ul	
25) Benzo(a)pyrene	23.58	252	69403	4.05	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	26.01	276	34267	2.16	ng/ul#	88
27) Dibenzo(a,h)anthracene	26.01	278	8292	0.66	ng/ul#	87
28) Benzo(g,h,i)perylene	26.71	276	31064	2.37	ng/ul	95

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

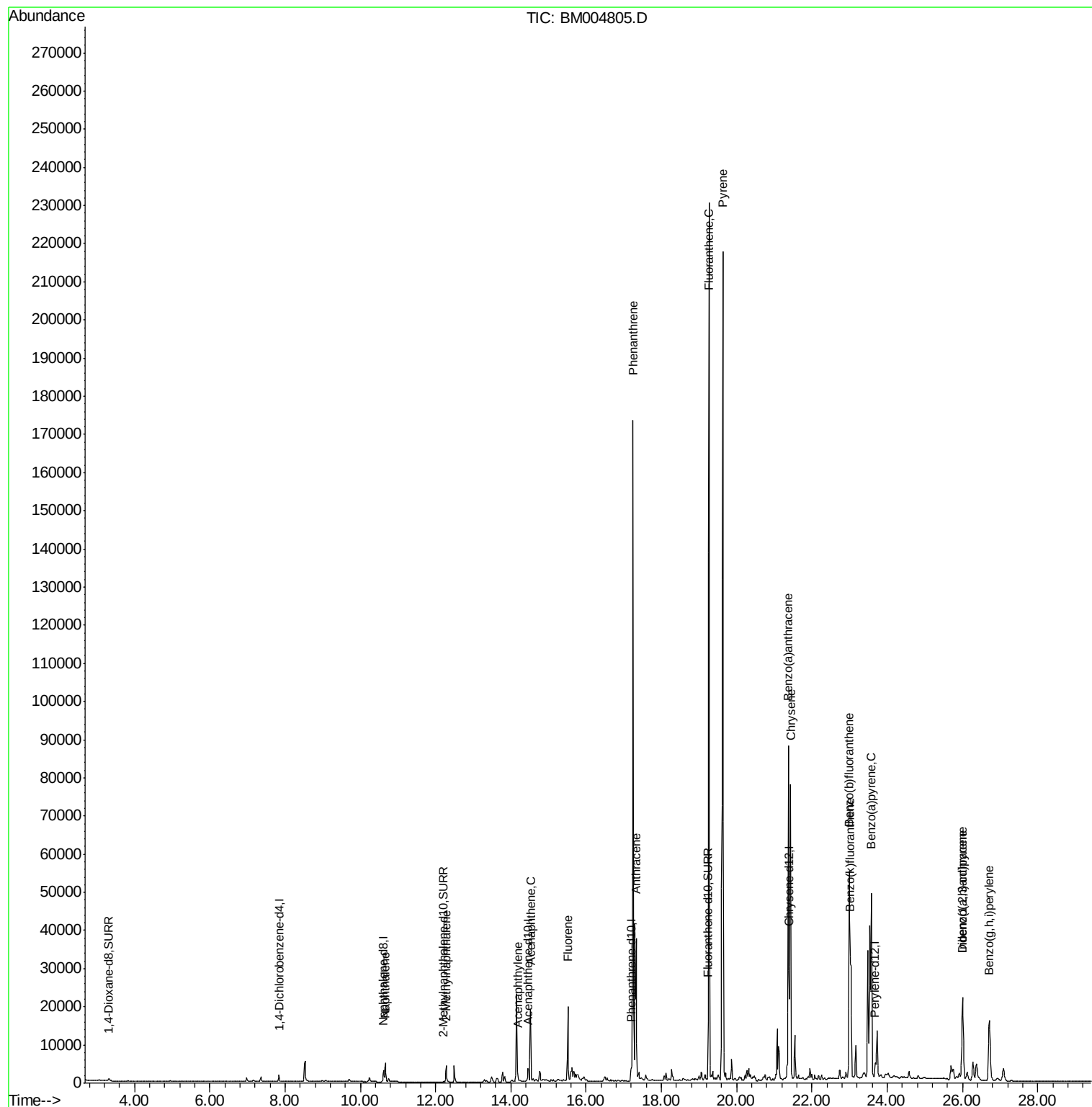
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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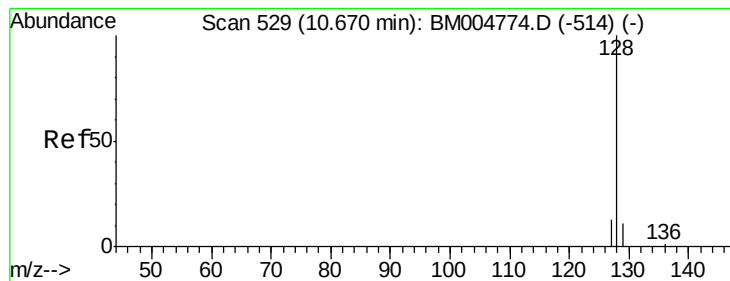
Instrument :
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A4T51DL

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QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.67 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004805.D

Acq: 28 Mar 2016 14:07

Instrument :

BNA_M

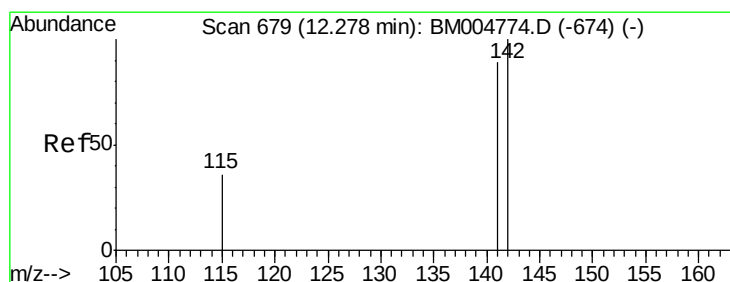
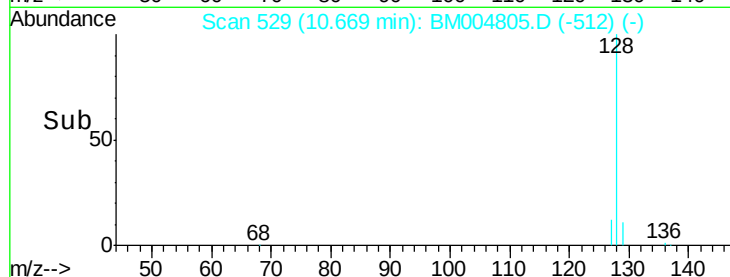
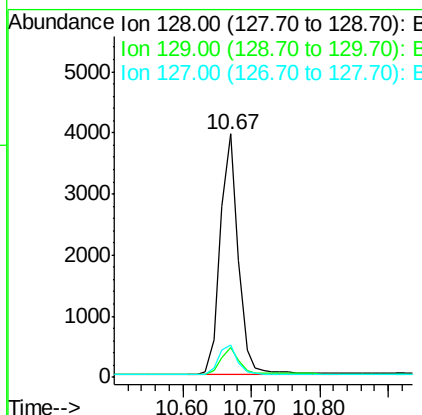
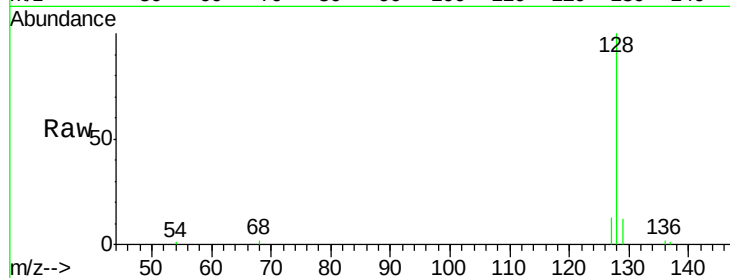
ClientSampleId :

A4T51DL

Tot Ion:128	Resp:	7105
Ion Ratio	Lower	Upper
128 100		
129 12.4	9.0	13.6
127 13.4	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 0.47 ng/ul

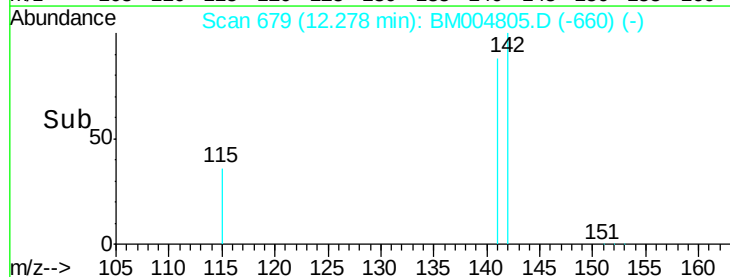
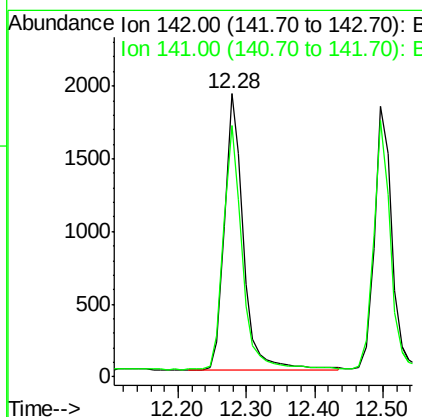
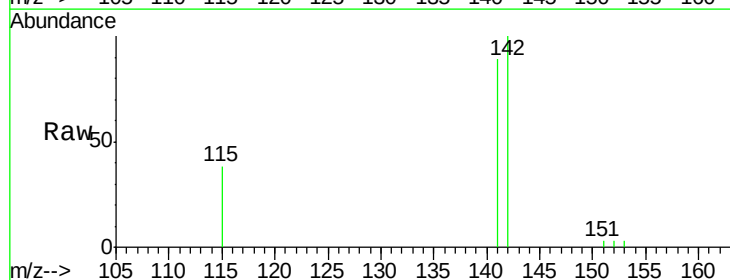
RT: 12.28 min Scan# 679

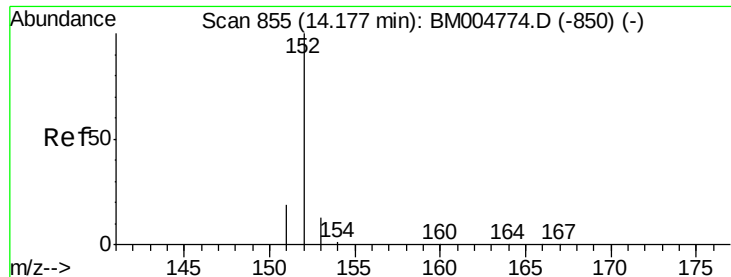
Delta R.T. -0.00 min

Lab File: BM004805.D

Acq: 28 Mar 2016 14:07

Tgt Ion:142	Resp:	3614
Ion Ratio	Lower	Upper
142 100		
141 87.7	70.3	105.5





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004805.D

Acq: 28 Mar 2016 14:07

Instrument :

BNA_M

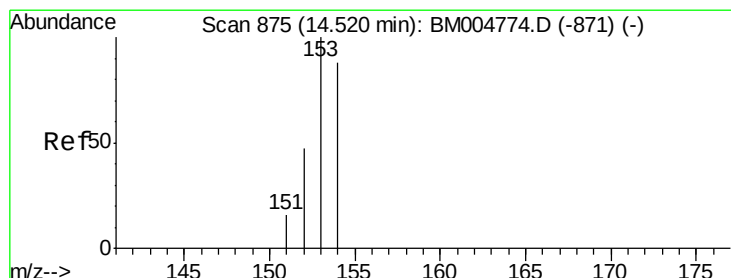
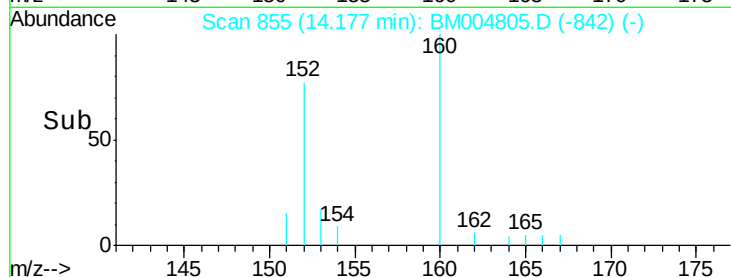
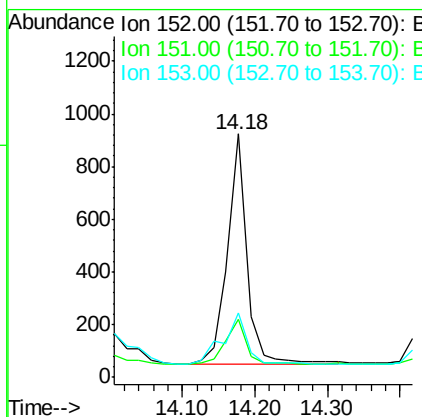
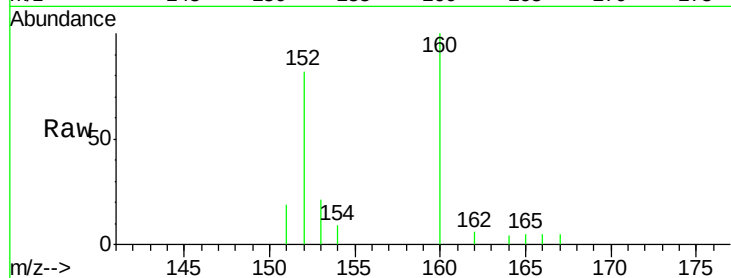
ClientSampleId :

A4T51DL

Tot Ion:	152	Resp:	1612
Ion Ratio	Lower	Upper	
152	100		
151	23.7	17.6	26.4
153	26.2	9.7	14.5#

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#10

Acenaphthene

Concen: 1.45 ng/ul

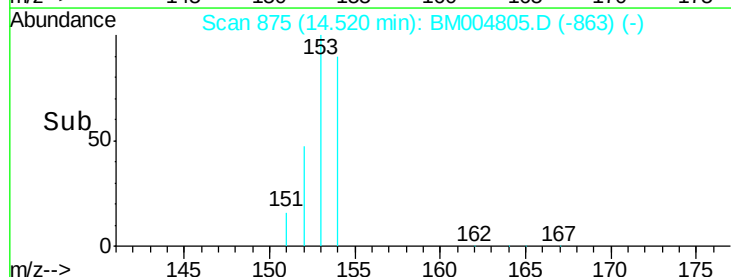
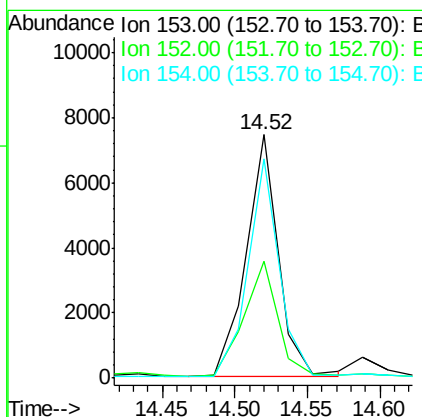
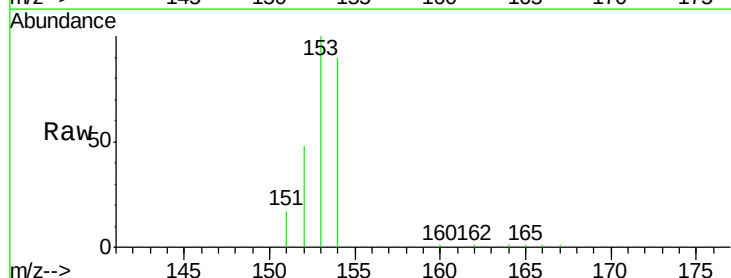
RT: 14.52 min Scan# 875

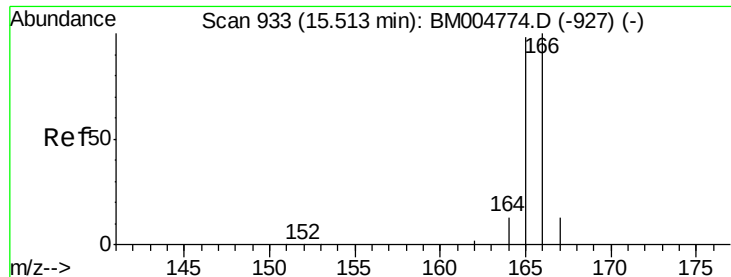
Delta R.T. -0.00 min

Lab File: BM004805.D

Acq: 28 Mar 2016 14:07

Tgt Ion:	153	Resp:	11461
Ion Ratio	Lower	Upper	
153	100		
152	47.8	33.9	50.9
154	89.9	80.6	121.0





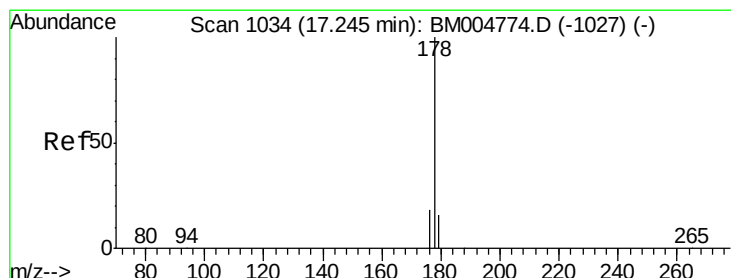
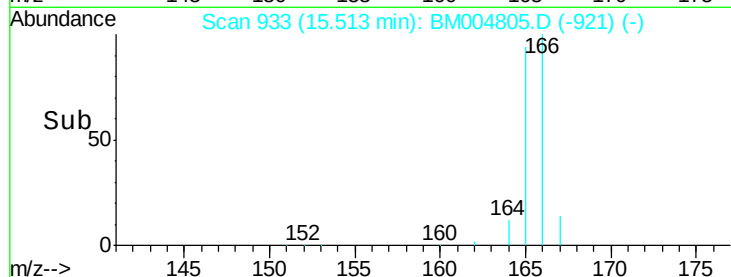
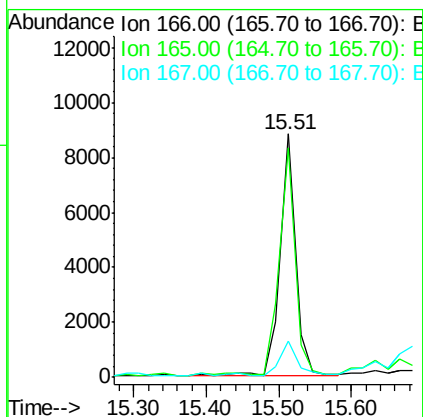
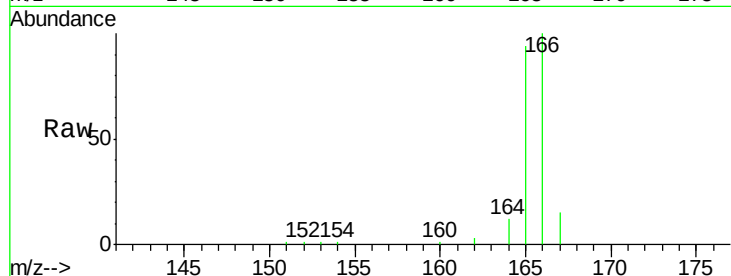
#11
 Fluorene
 Concen: 1.38 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM004805.D
 Acq: 28 Mar 2016 14:07

Instrument :
 BNA_M
 ClientSampleId :
 A4T51DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.1	69.6	104.4
167	15.1	11.9	17.9

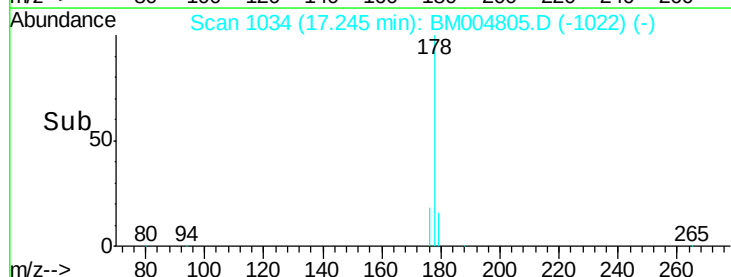
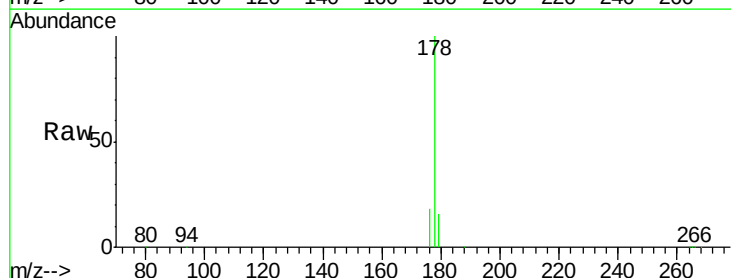
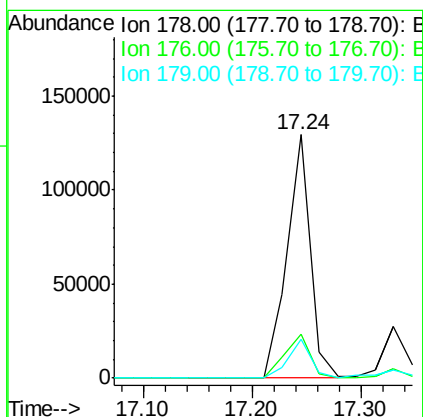
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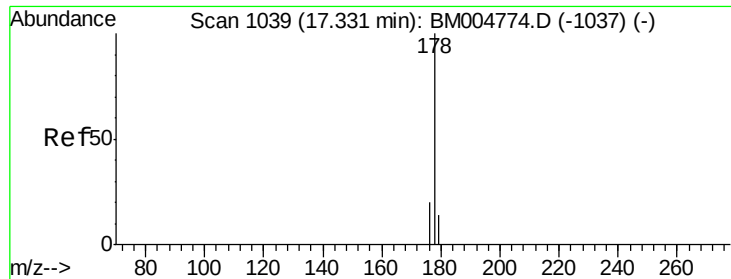
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#14
 Phenanthrene
 Concen: 12.66 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BM004805.D
 Acq: 28 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	13.0	19.4
179	16.1	14.2	21.2





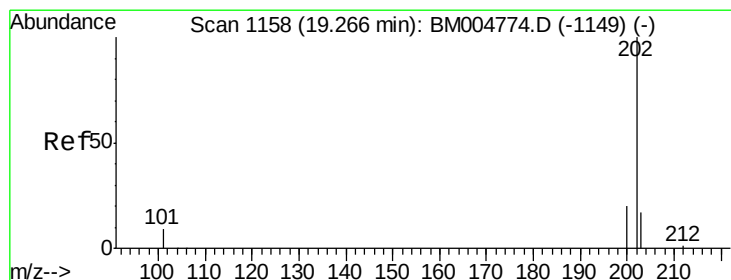
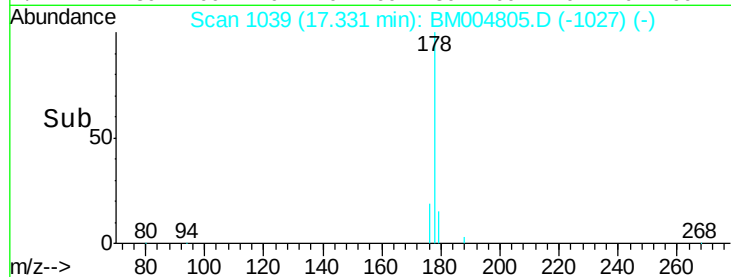
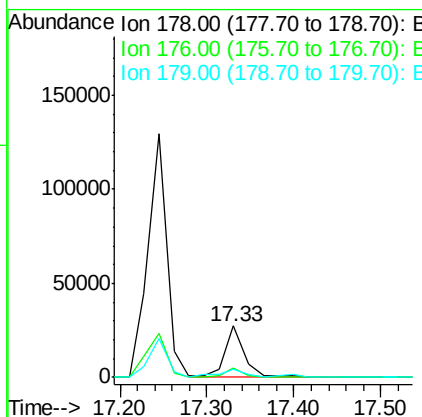
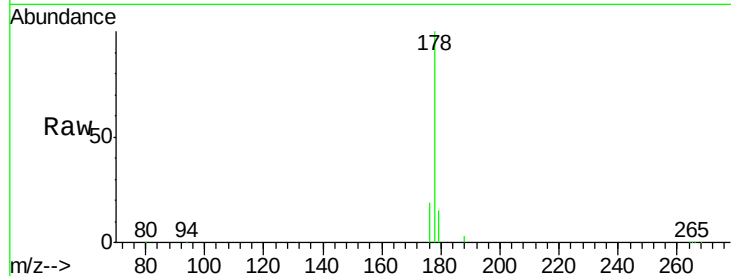
#15
 Anthracene
 Concen: 2.85 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM004805.D
 Acq: 28 Mar 2016 14:07

Instrument :
 BNA_M
 ClientSampleId :
 A4T51DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.0	21.0
179	15.3	12.9	19.3

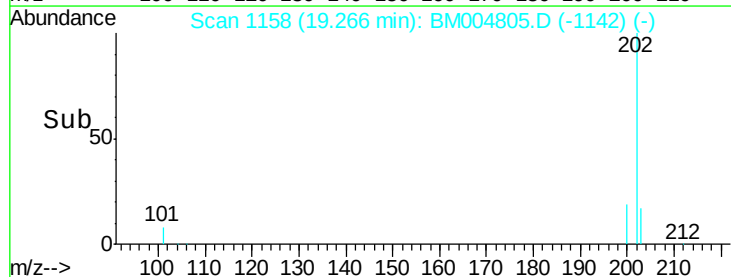
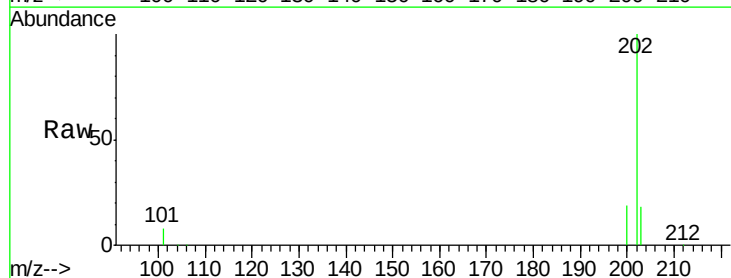
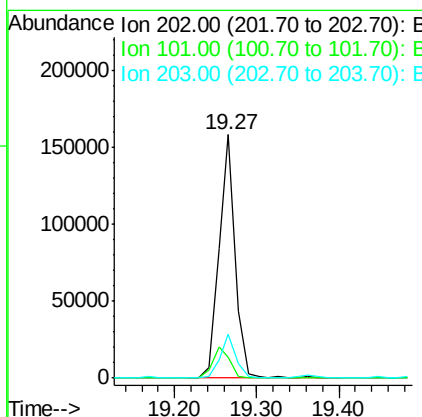
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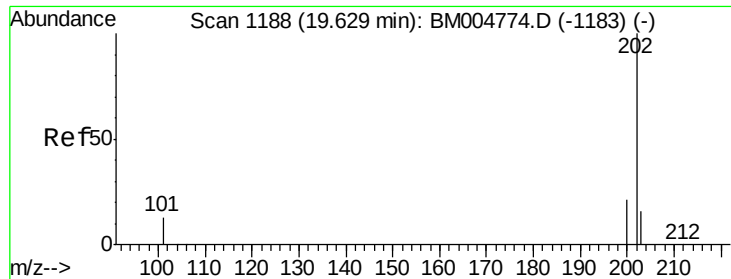
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#17
 Fluoranthene
 Concen: 12.37 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM004805.D
 Acq: 28 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.6
203	17.9	0.0	36.3





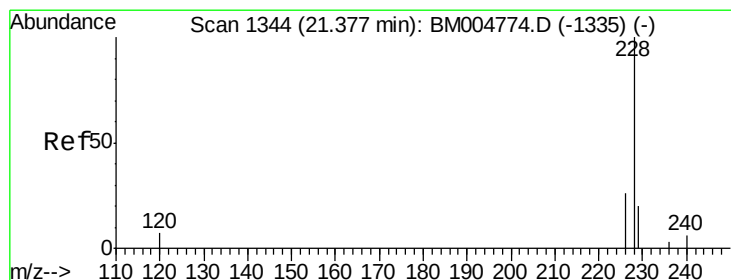
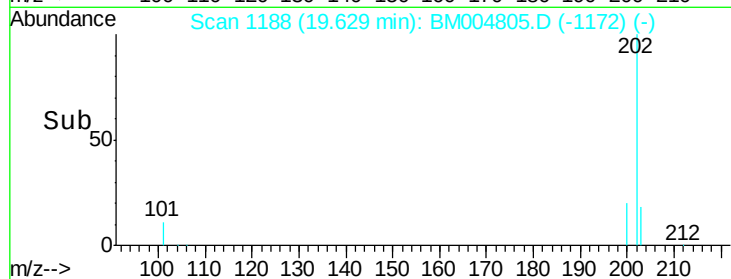
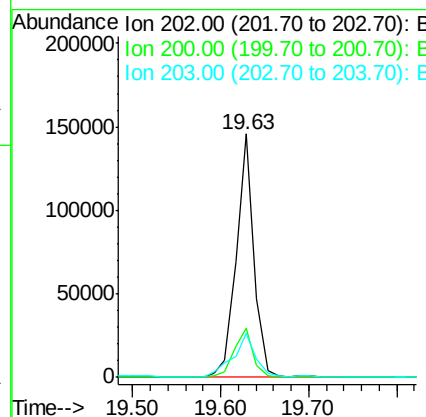
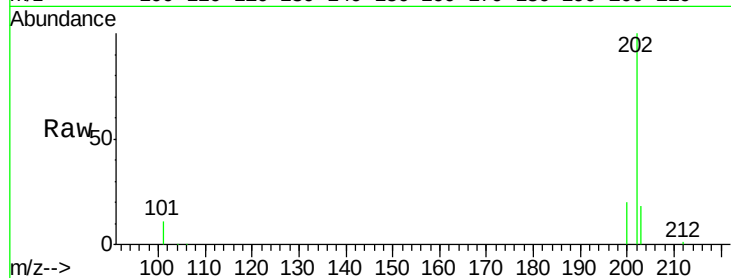
#19
Pvrene
Concen: 10.11 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004805.D
Acq: 28 Mar 2016 14:07

Instrument :
BNA_M
ClientSampleId :
A4T51DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.8
203	17.9	12.8	19.2

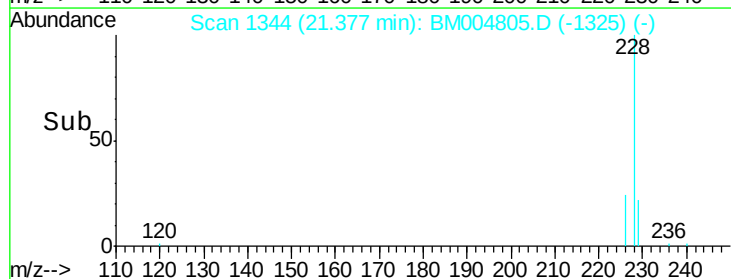
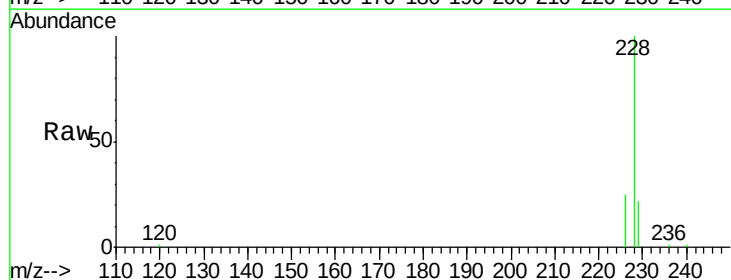
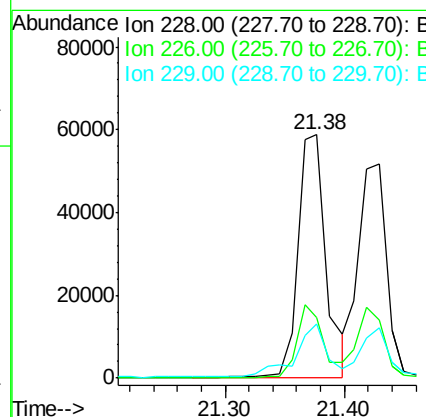
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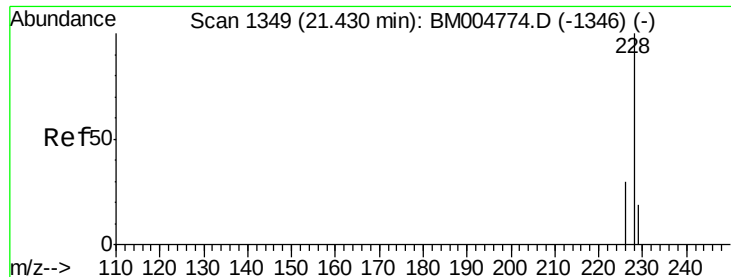
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#20
Benzo(a)anthracene
Concen: 5.30 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004805.D
Acq: 28 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	18.8	28.2
229	22.3	17.1	25.7





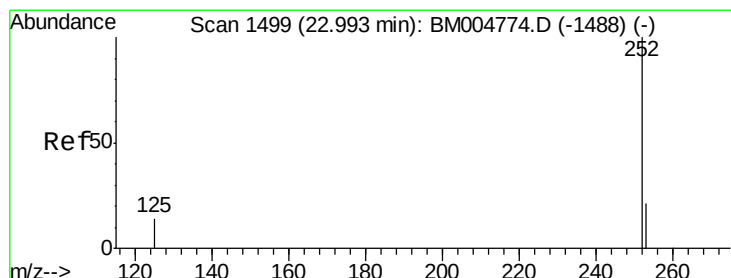
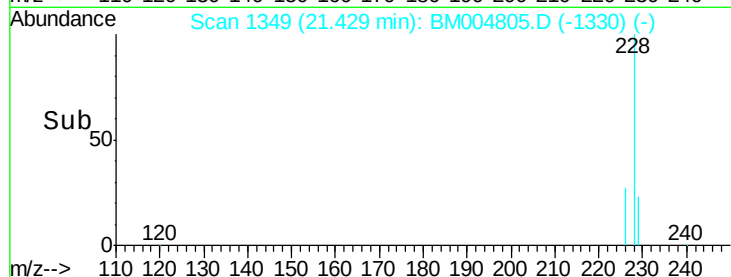
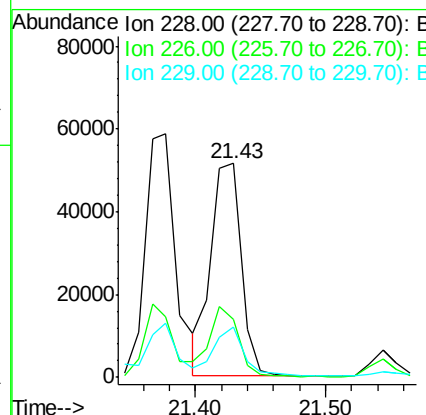
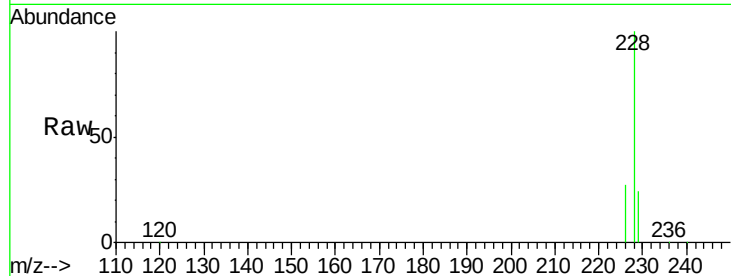
#21
Chrysene
Concen: 4.73 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BM004805.D
Acq: 28 Mar 2016 14:07

Instrument :
BNA_M
ClientSampleId :
A4T51DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	23.6	17.0	25.6

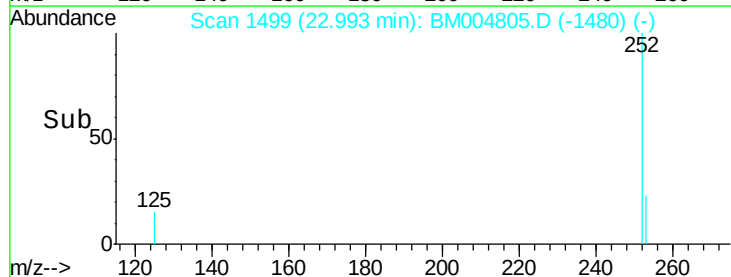
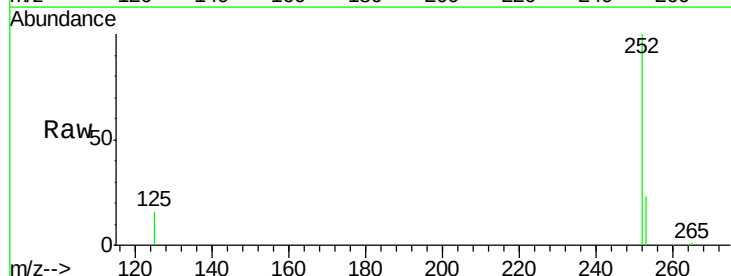
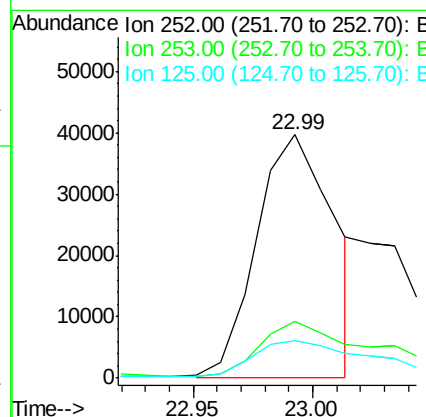
Manual Integrations
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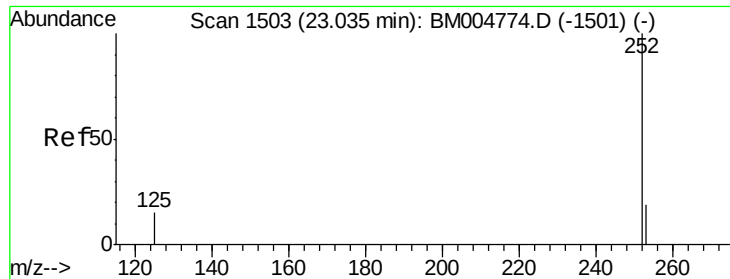
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#23
Benzo(b)fluoranthene
Concen: 4.79 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM004805.D
Acq: 28 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	45.4
125	15.5	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 2.19 ng/ul m

RT: 23.01 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BM004805.D

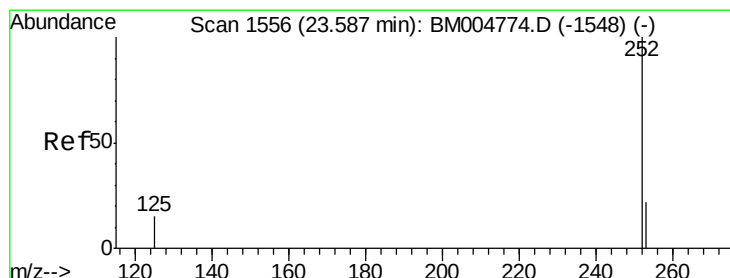
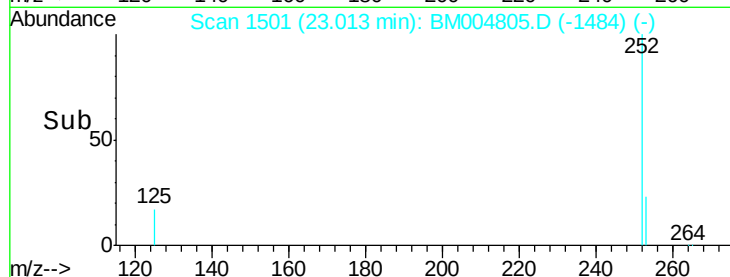
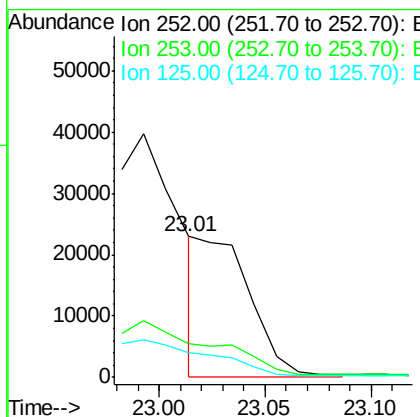
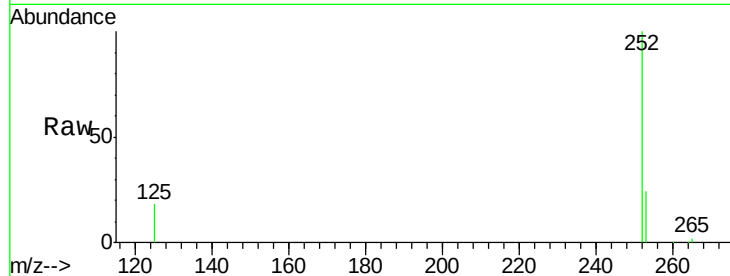
Acq: 28 Mar 2016 14:07

Instrument :
BNA_M
ClientSampleID :
A4T51DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.8
125	17.9	10.4	15.6

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 4.05 ng/ul

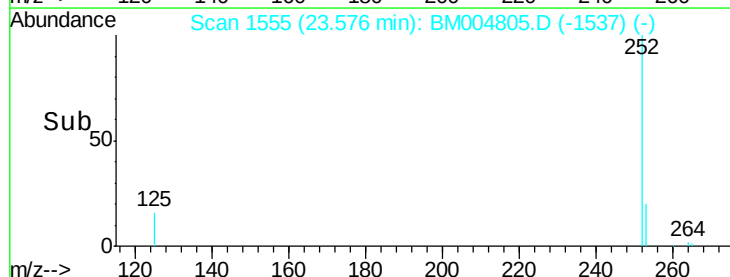
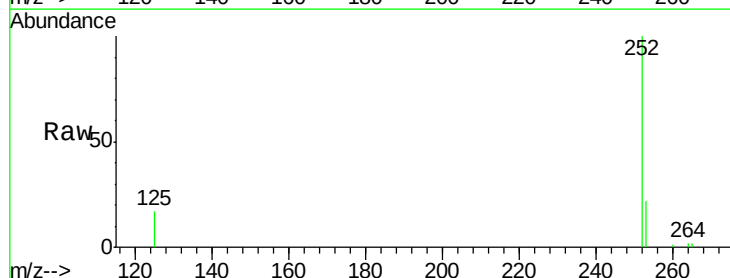
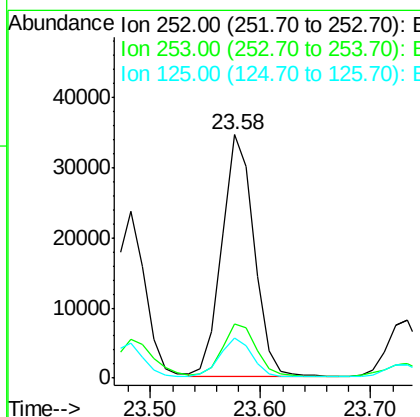
RT: 23.58 min Scan# 1555

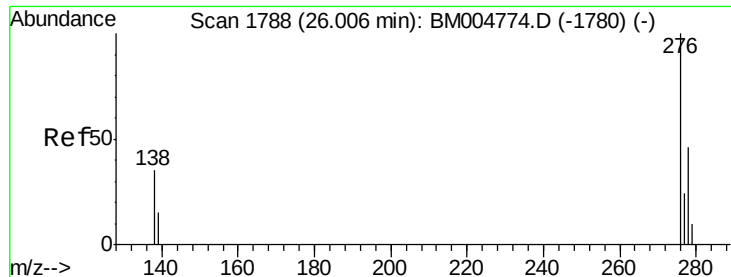
Delta R.T. -0.01 min

Lab File: BM004805.D

Acq: 28 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.4	29.2
125	16.7	12.7	19.1





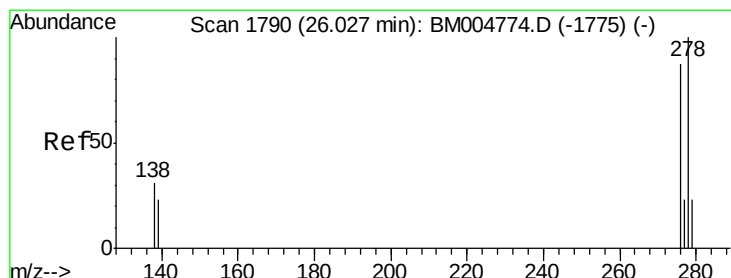
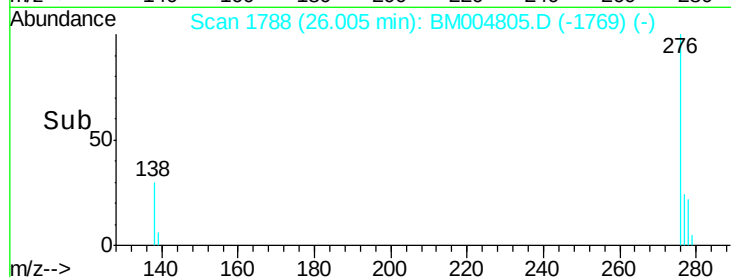
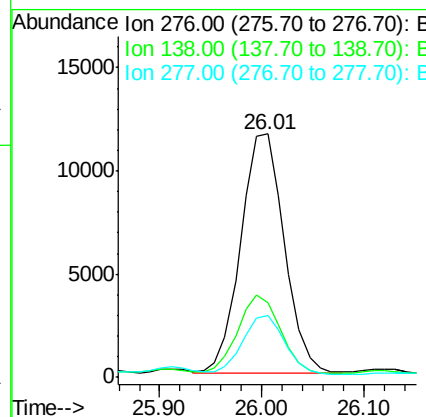
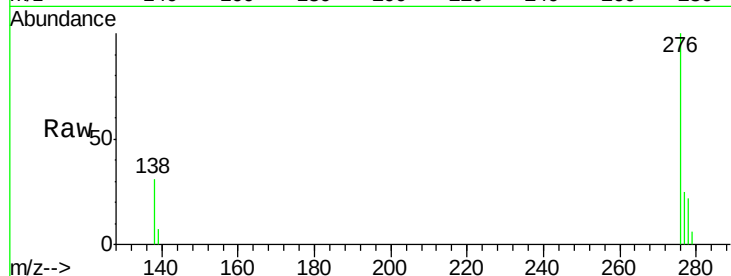
#26
Indeno(1,2,3-cd)pyrene
Concen: 2.16 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM004805.D
Acq: 28 Mar 2016 14:07

Instrument :
BNA_M
ClientSampleId :
A4T51DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	16.3	24.5#
277	24.3	19.8	29.8

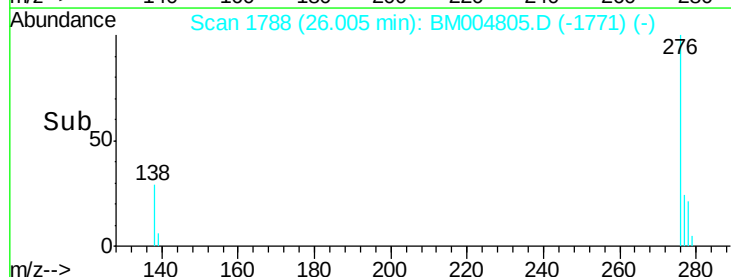
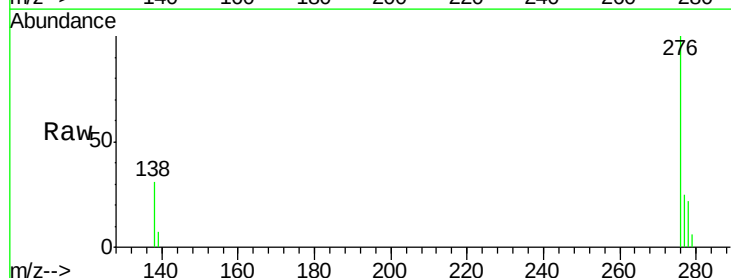
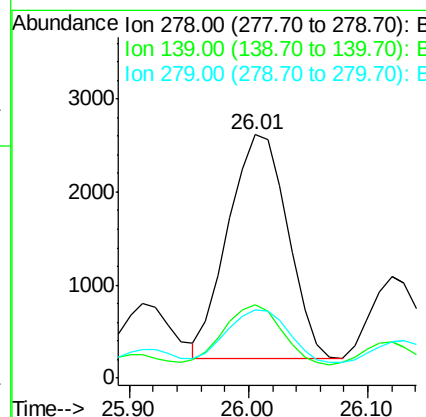
Manual Integrations
APPROVED

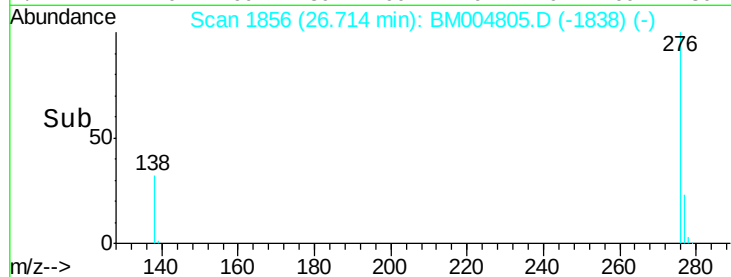
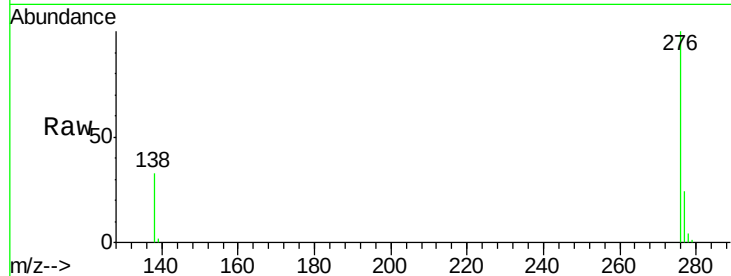
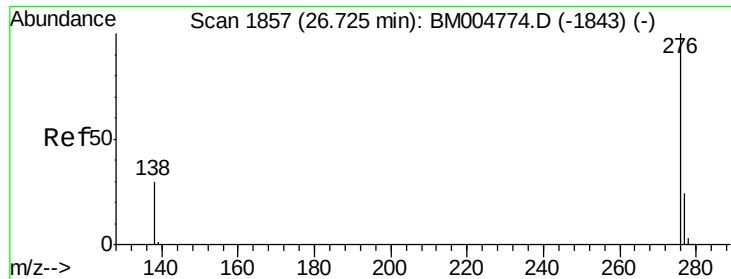
Sohil
4/6/2016 5:05:00 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.66 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004805.D
Acq: 28 Mar 2016 14:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.2	16.4	24.6#
279	28.2	20.2	30.2





#28

Benzo(a,h,i)perylene

Concen: 2.37 ng/ul

RT: 26.71 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM004805.D

Acq: 28 Mar 2016 14:07

Instrument :

BNA_M

ClientSampleId :

A4T51DL

Tot Ion:	276	Resp:	31064
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.9	28.3
138	32.8	22.5	33.7

Manual Integrations
APPROVED

Sohil
4/6/2016 5:05:00 PM

