

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002120.D
 Acq On : 29 Jul 2015 12:24
 Operator : TP/UM
 Sample : G3030-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M1

Manual Integrations
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 7/30/2015 7:49:30 AM

Quant Time: Jul 29 15:44:47 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	291175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	186183	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	421580	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	394617	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	338245	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2559	1.96	ng/uL	-0.01
5) Phenol-d5	6.77	99	54793	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	31327	11.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	48563	11.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	43481	11.34	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	23673	11.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	28076	12.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	49061	11.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	42085	8.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	180892	13.26	ng/ul	-0.01
47) Acenaphthylene-d8	13.95	160	147182	8.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	9015	3.96	ng/ul	0.00
58) Fluorene-d10	15.25	176	97320	8.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	17649	6.84	ng/ul	0.00
71) Anthracene-d10	17.10	188	145207	7.72	ng/ul	0.00
79) Pyrene-d10	19.41	212	125008	7.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	84417	5.15	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	13.71	163	84736	6.22	ng/ul	99
50) Acenaphthene	14.32	153	12445	1.08	ng/ul	92
70) Phenanthrene	17.04	178	205880	9.43	ng/ul	99
72) Anthracene	17.13	178	45449	2.04	ng/ul	99
75) Carbazole	17.41	167	23529	1.23	ng/ul	99
77) Fluoranthene	19.07	202	396049	15.71	ng/ul	99
80) Pyrene	19.44	202	330691	15.40	ng/ul	99
83) Benzo(a)anthracene	21.20	228	158265	7.23	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	48091	3.83	ng/ul	99
85) Chrysene	21.24	228	166350	8.13	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	189887	9.99	ng/ul	97
89) Benzo(k)fluoranthene	22.79	252	72404m	3.95	ng/ul	
91) Benzo(a)pyrene	23.32	252	121396	6.62	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.61	276	85314	4.04	ng/ul	94
93) Dibenzo(a,h)anthracene	25.62	278	24064	1.33	ng/ul#	85
94) Benzo(g,h,i)perylene	26.30	276	72652	4.10	ng/ul	97

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

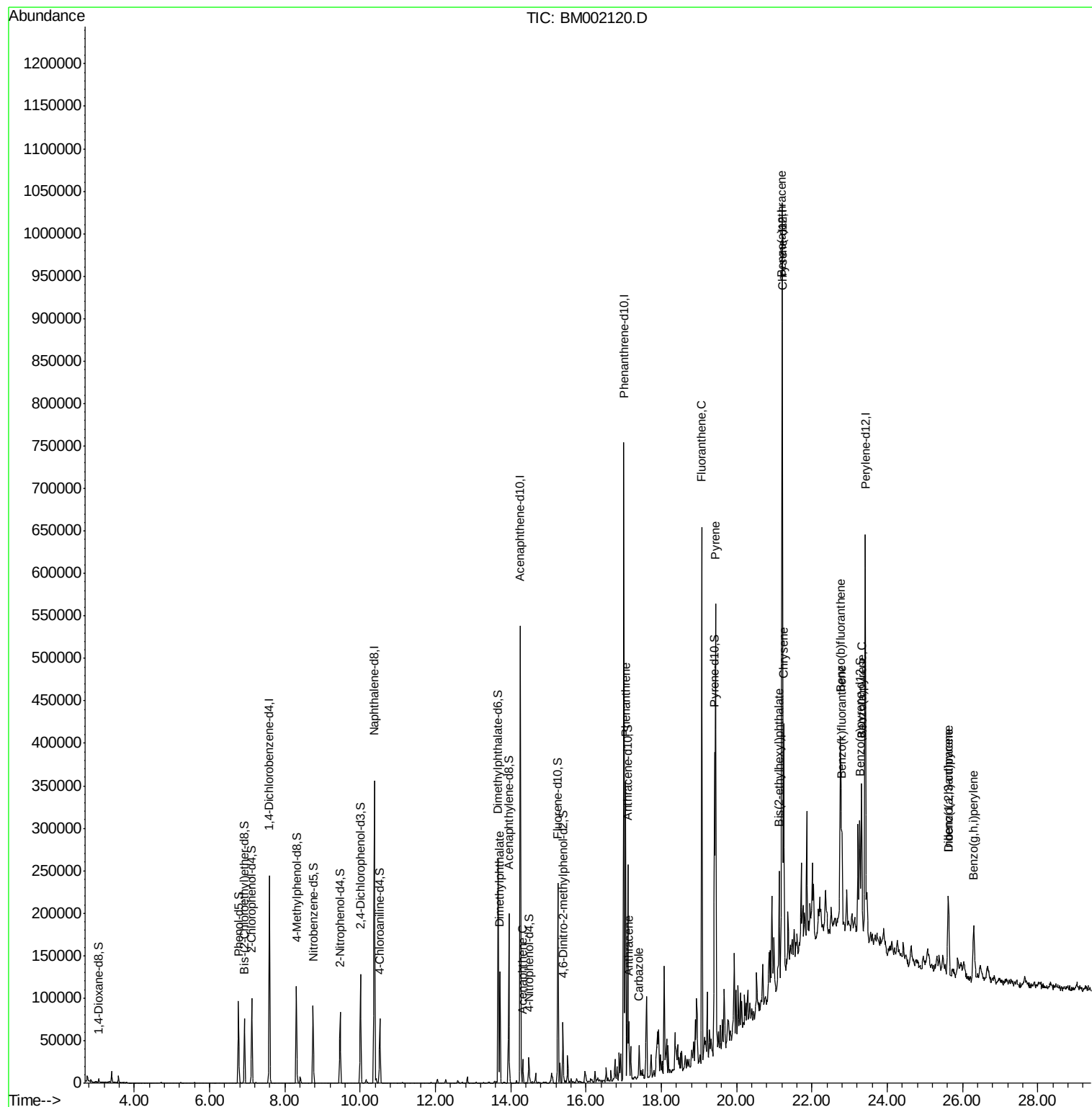
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002120.D
Acq On : 29 Jul 2015 12:24
Operator : TP/UM
Sample : G3030-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

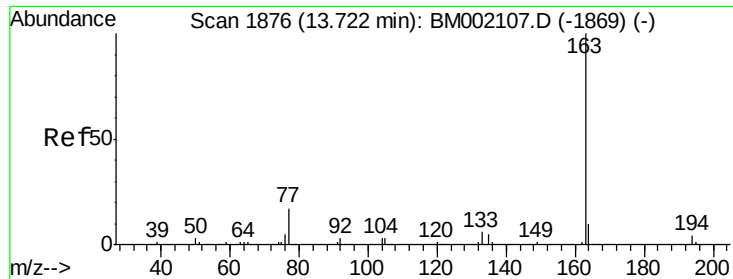
Instrument :
BNA_M
ClientSampleId :
C01M1

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.22 ng/ul

RT: 13.71 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Instrument :

BNA_M

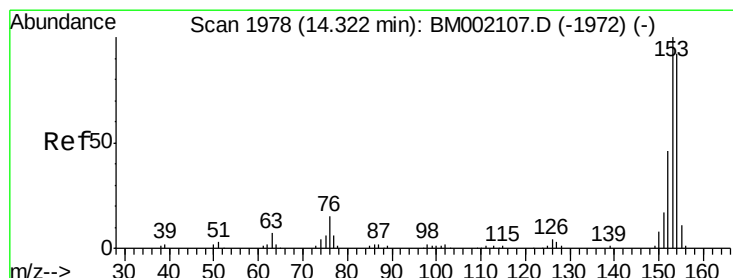
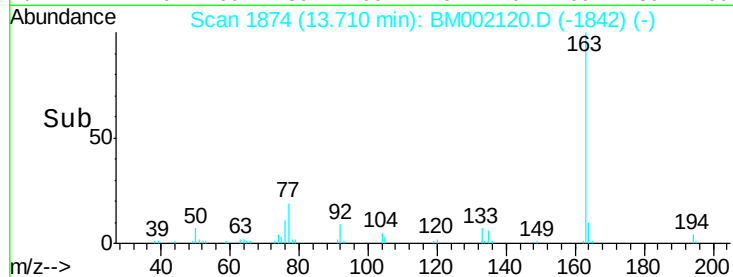
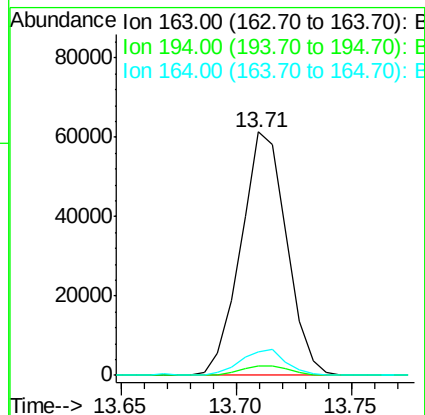
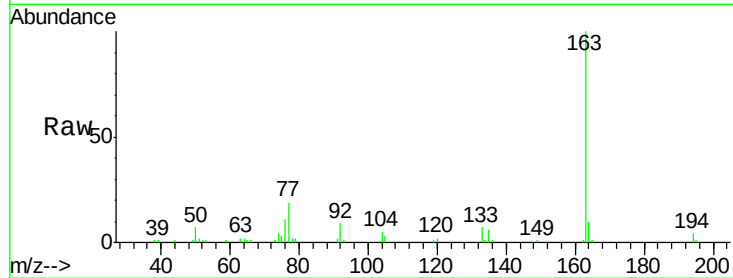
ClientSampleId :

C01M1

Tot Ion:	163	Resp:	84736
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.7	8.0	12.0

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#50

Acenaphthene

Concen: 1.08 ng/ul

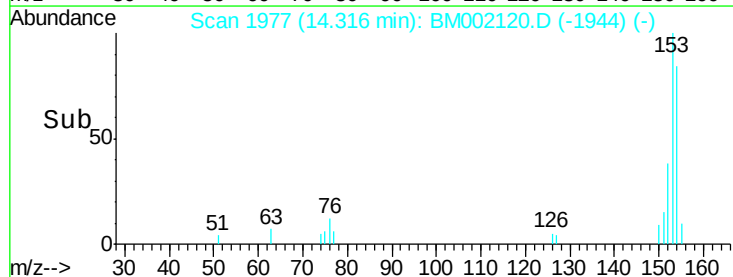
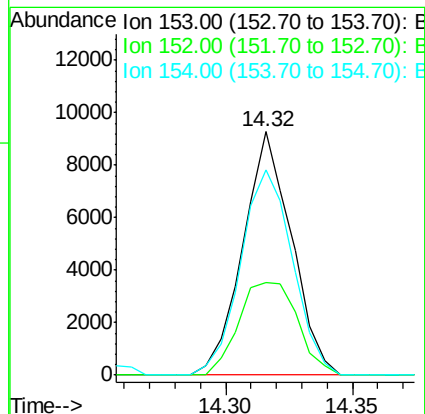
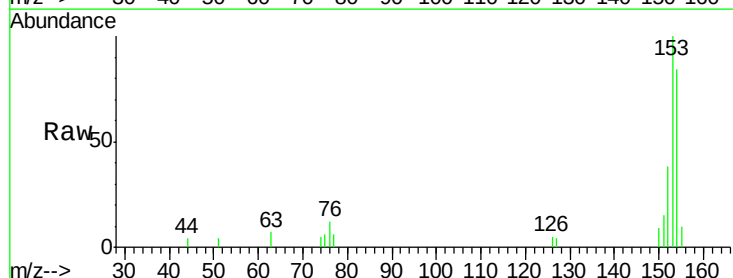
RT: 14.32 min Scan# 1977

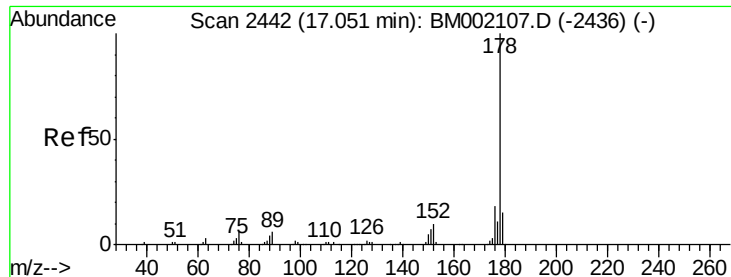
Delta R.T. -0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Tgt Ion:	153	Resp:	12445
Ion Ratio	Lower	Upper	
153	100		
152	38.1	37.3	55.9
154	84.3	71.4	107.2





#70

Phenanthrene

Concen: 9.43 ng/ul

RT: 17.04 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Instrument :

BNA_M

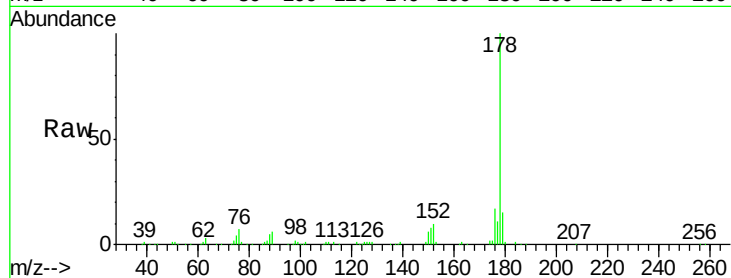
ClientSampleId :

C01M1

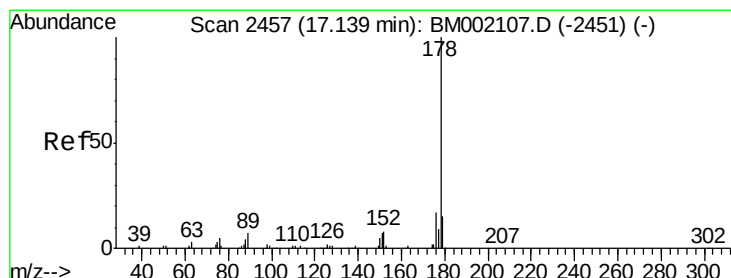
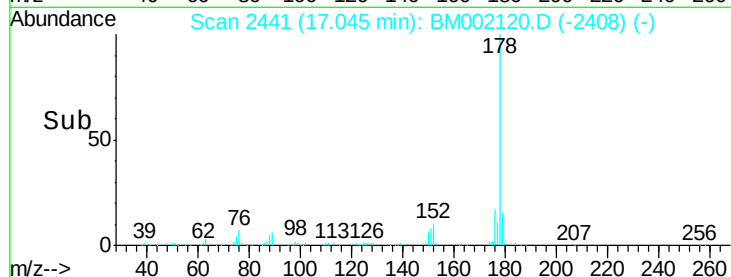
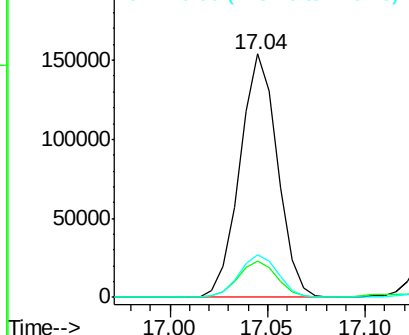
Tot Ion:	178	Resp:	205880
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.5	18.7
176	17.3	14.2	21.4

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



#72

Anthracene

Concen: 2.04 ng/ul

RT: 17.13 min Scan# 2456

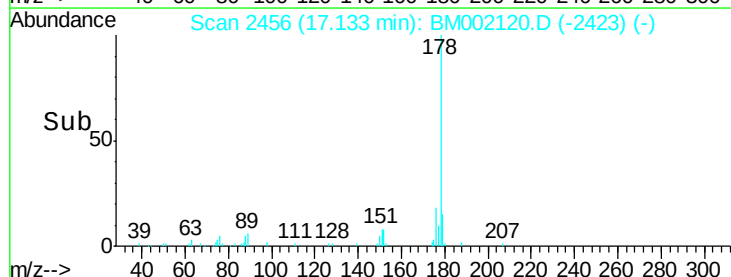
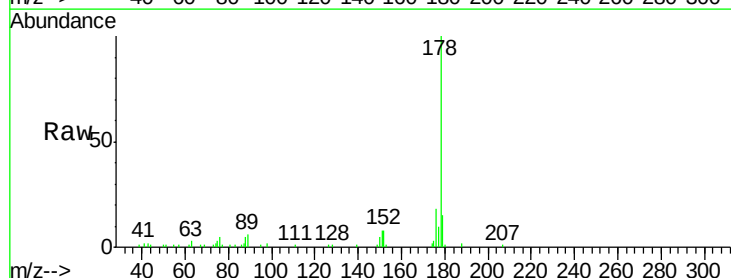
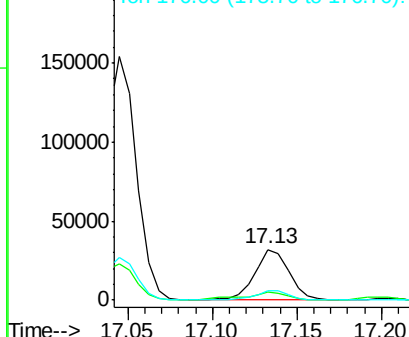
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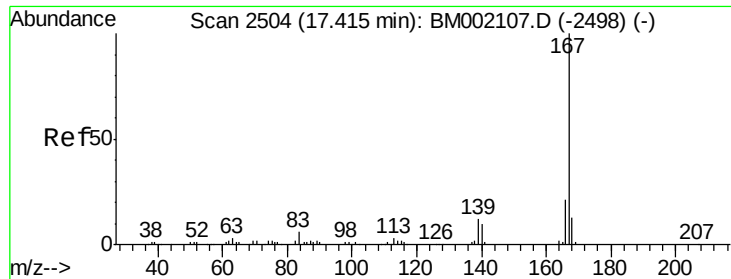
Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Tgt Ion:	178	Resp:	45449
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.1	18.1
176	18.3	14.1	21.1

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





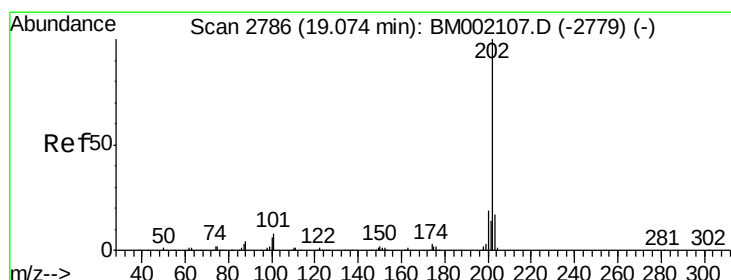
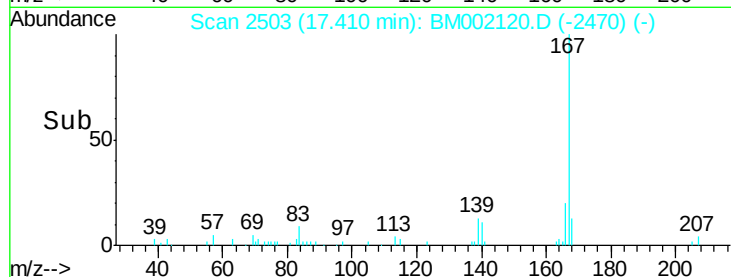
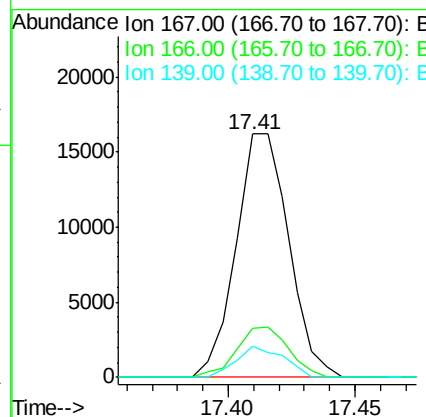
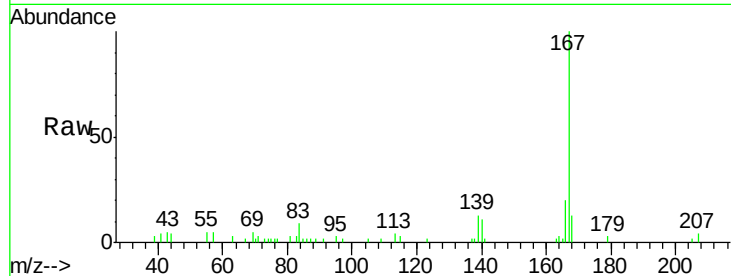
#75
 Carbazole
 Concen: 1.23 ng/ul
 RT: 17.41 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Instrument :
 BNA_M
 ClientSampleId :
 C01M1

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.1	16.2	24.4
139	12.8	9.6	14.4

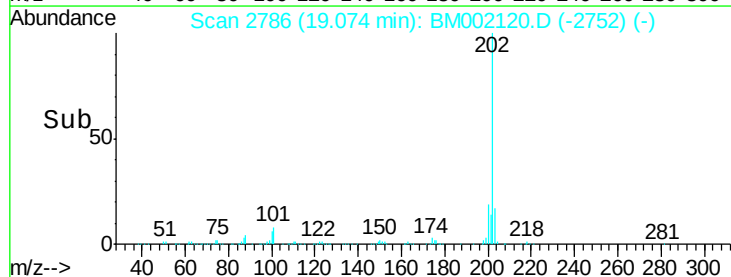
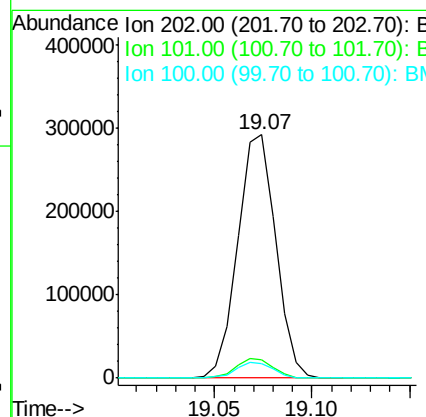
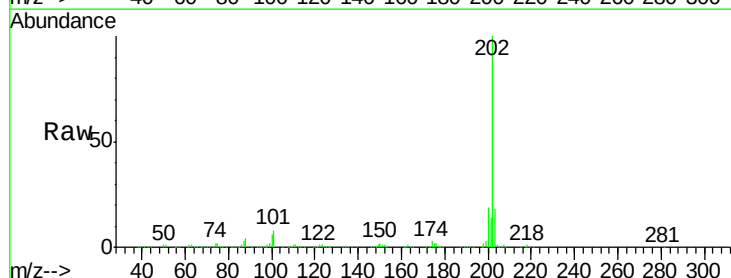
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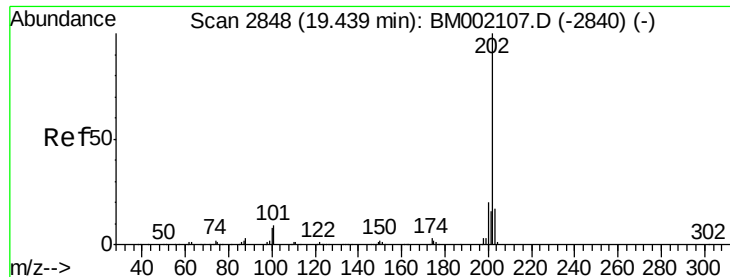
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#77
 Fluoranthene
 Concen: 15.71 ng/ul
 RT: 19.07 min Scan# 2786
 Delta R.T. -0.00 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.4
100	6.0	5.2	7.8





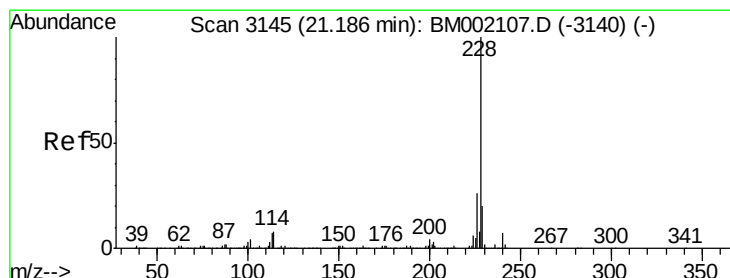
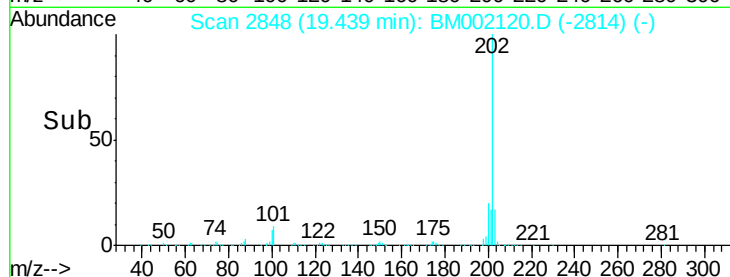
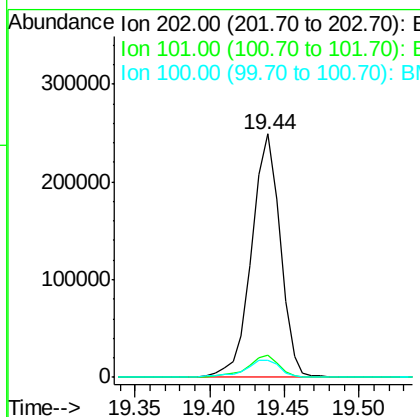
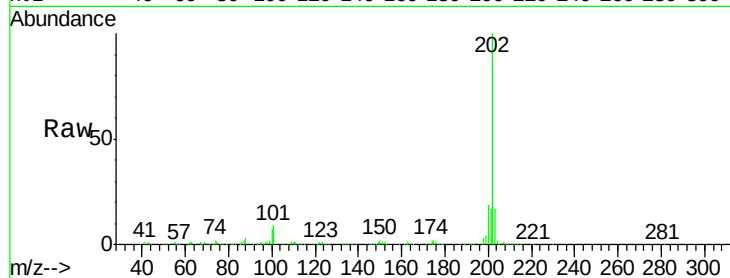
#80
Pvrene
Concen: 15.40 ng/ul
RT: 19.44 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Instrument :
BNA_M
ClientSampleId :
C01M1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		330691		
101	8.9	7.4	11.2		
100	7.2	6.3	9.5		

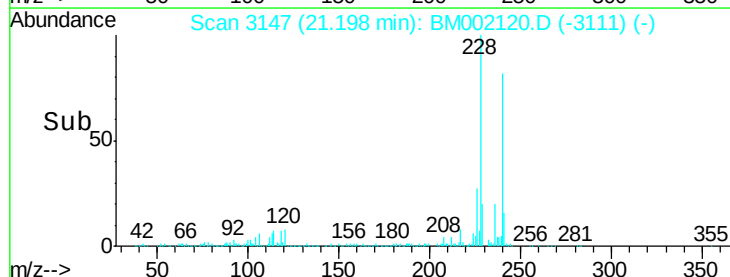
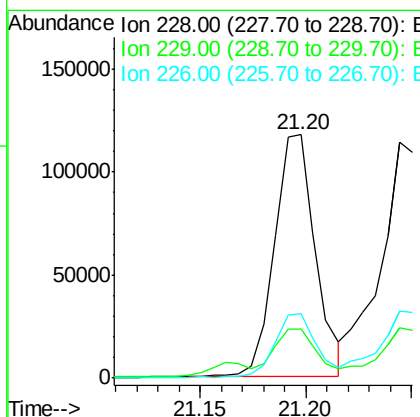
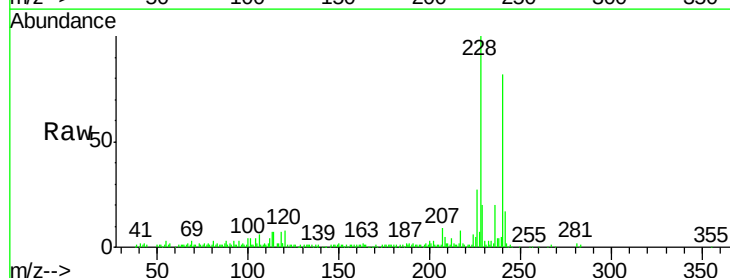
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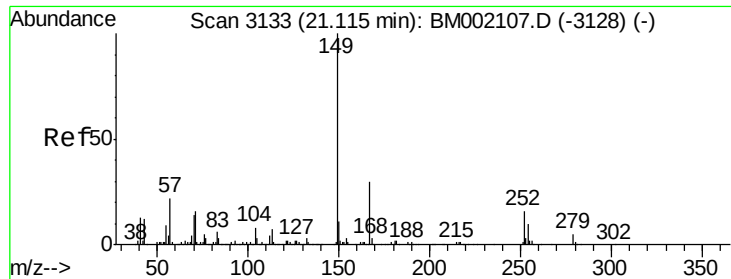
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#83
Benzo(a)anthracene
Concen: 7.23 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		158265		
229	20.4	15.4	23.2		
226	26.6	20.5	30.7		





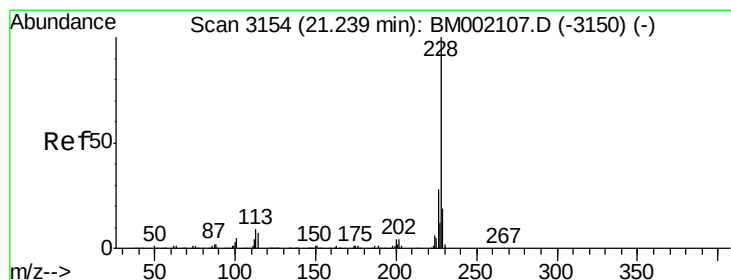
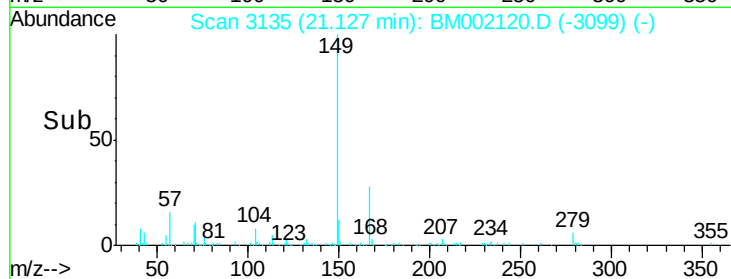
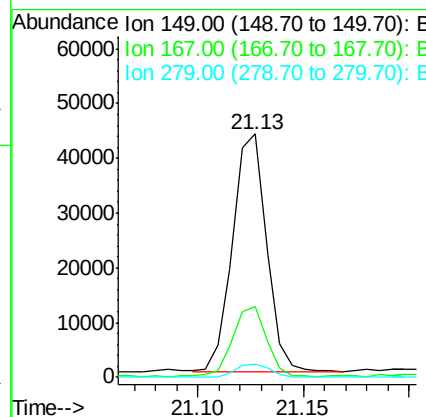
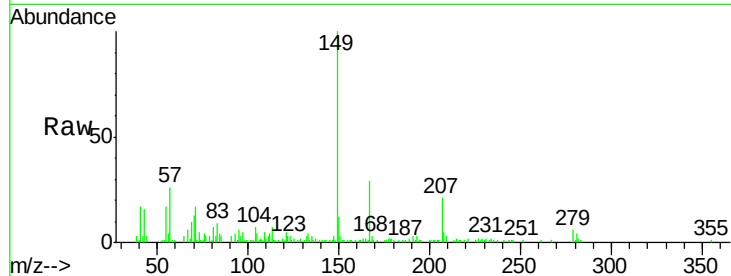
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.83 ng/ul
 RT: 21.13 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Instrument :
 BNA_M
 ClientSampleId :
 C01M1

Tot Ion	Ratio	Resp	Lower	Upper
149	100	48091		
167	29.0		23.6	35.4
279	5.6		4.2	6.4

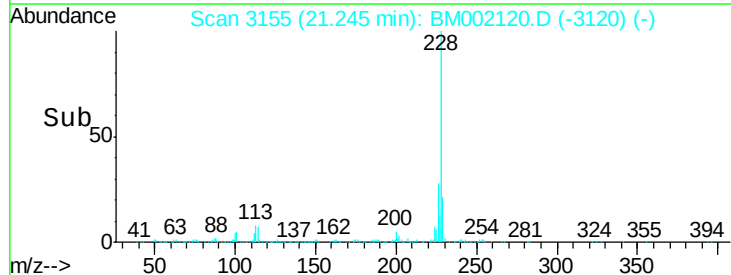
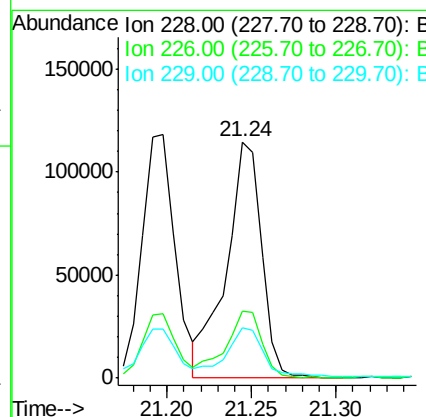
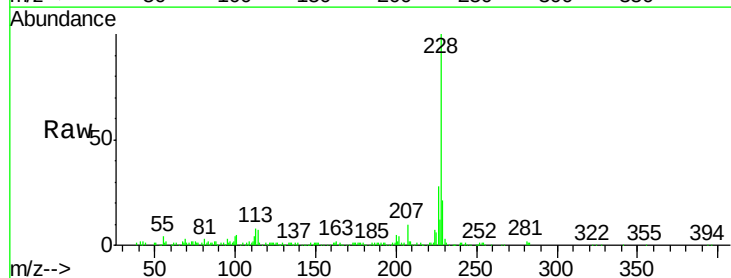
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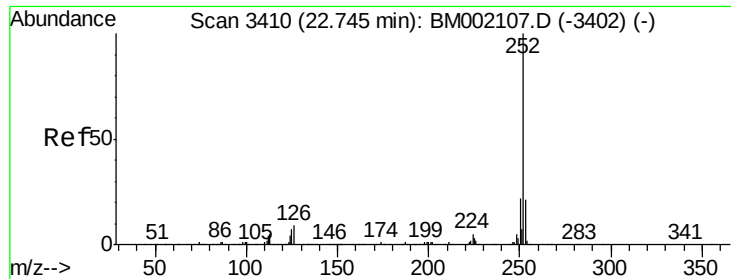
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#85
 Chrysene
 Concen: 8.13 ng/ul
 RT: 21.24 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	166350		
226	28.3		22.3	33.5
229	21.4		15.5	23.3





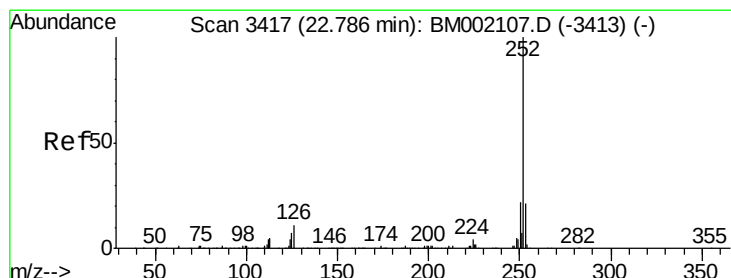
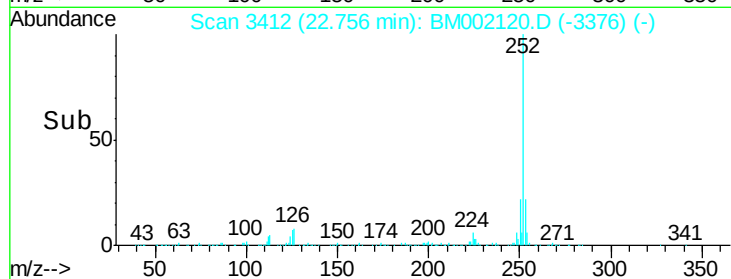
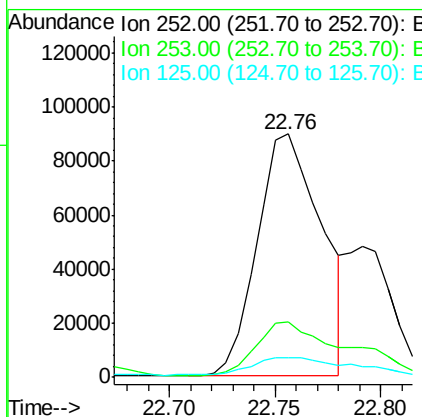
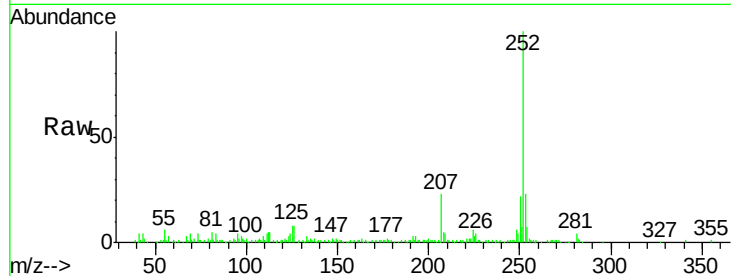
#88
Benzo(b)fluoranthene
Concen: 9.99 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Instrument :
BNA_M
ClientSampleId :
C01M1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	16.9	25.3
125	8.1	6.2	9.2

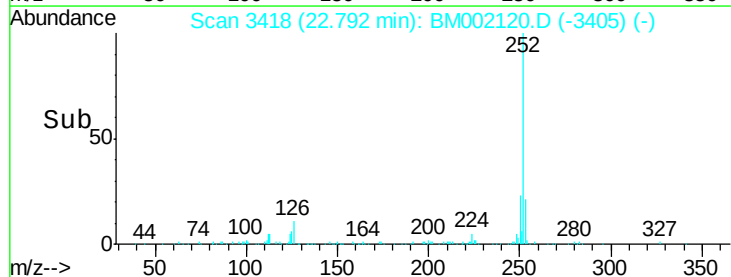
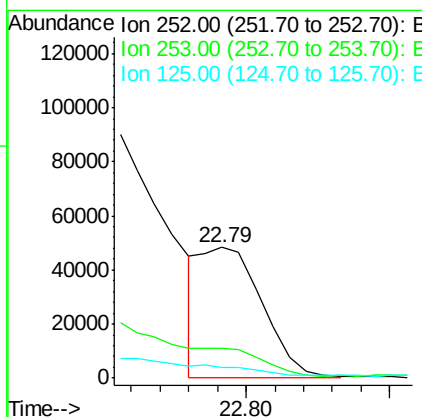
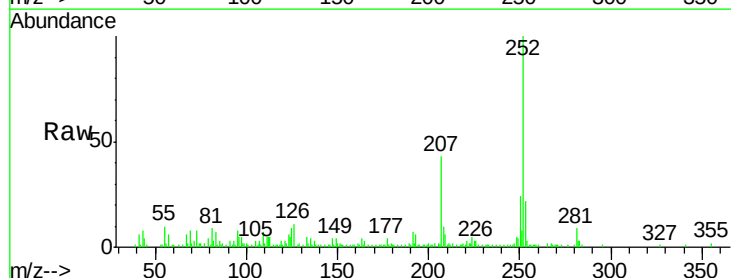
Manual Integrations
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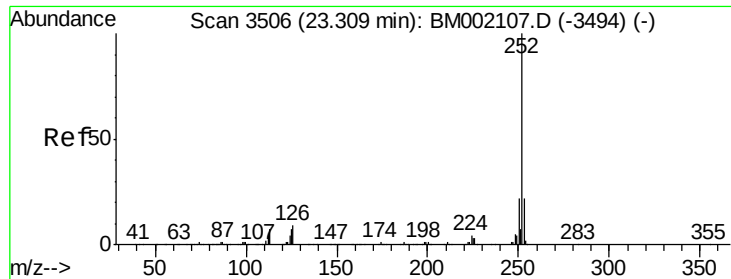
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#89
Benzo(k)fluoranthene
Concen: 3.95 ng/ul m
RT: 22.79 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.4	26.0
125	8.6	6.2	9.4





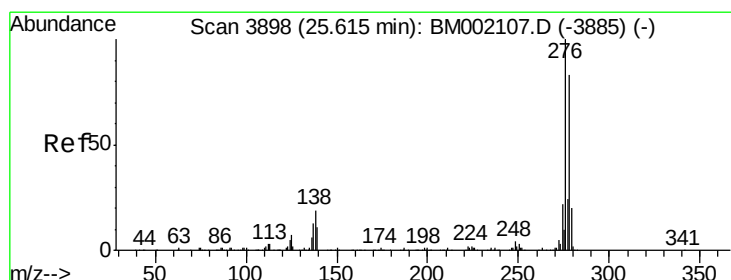
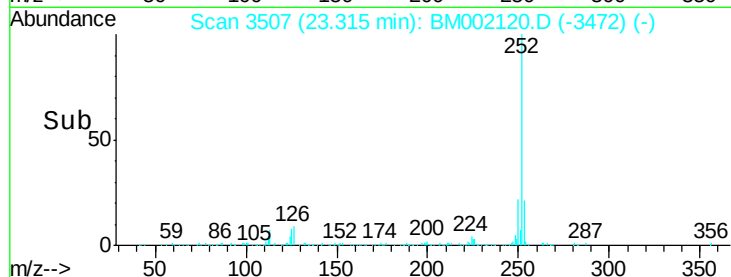
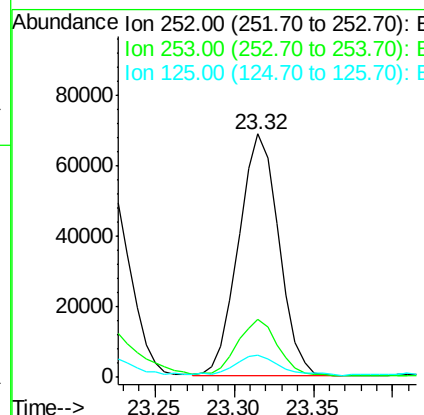
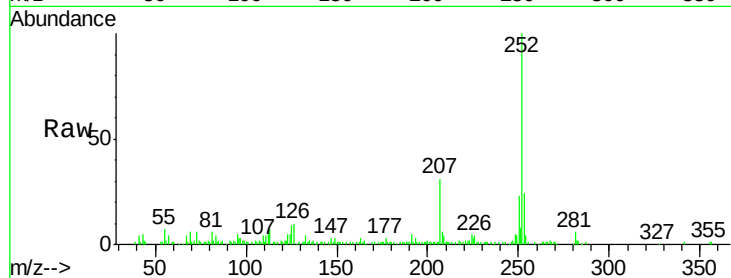
#91
Benzo(a)pyrene
Concen: 6.62 ng/ul
RT: 23.32 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Instrument :
BNA_M
ClientSampleId :
C01M1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.2	25.8
125	9.0	6.6	10.0

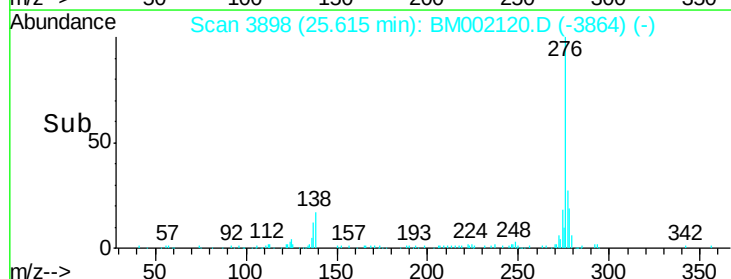
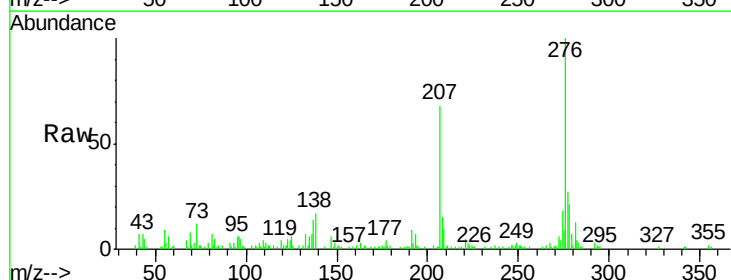
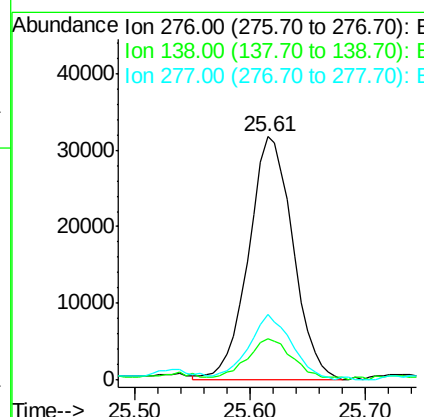
Manual Integrations
APPROVED

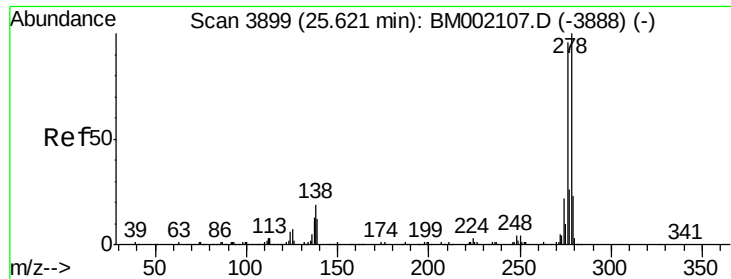
apatel
7/30/2015 7:49:30 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng/ul
RT: 25.61 min Scan# 3898
Delta R.T. -0.00 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.8	16.2	24.2
277	27.1	19.8	29.8





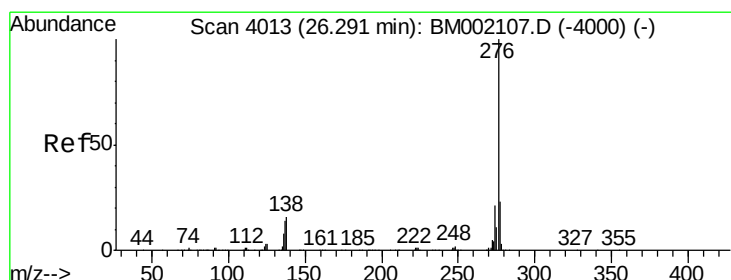
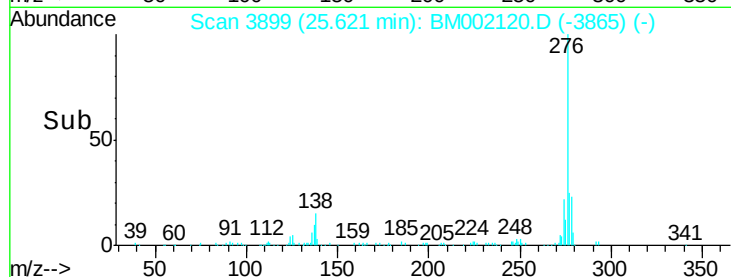
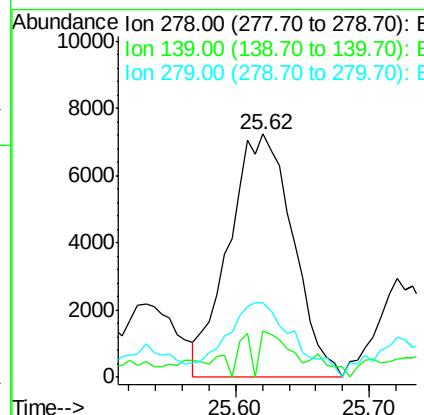
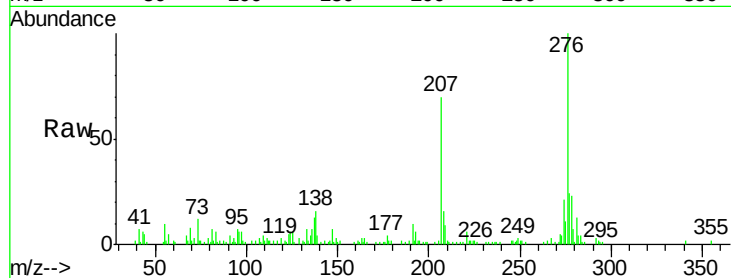
#93
Dibenzo(a,h)anthracene
Concen: 1.33 ng/ul
RT: 25.62 min Scan# 3899
Delta R.T. -0.00 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Instrument :
BNA_M
ClientSampleId :
C01M1

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	10.6	16.0#
279	30.5	18.5	27.7#

Manual Integrations
APPROVED

apatel
7/30/2015 7:49:30 AM



#94
Benzo(g,h,i)perylene
Concen: 4.10 ng/ul
RT: 26.30 min Scan# 4014
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.8	20.6
277	24.7	18.2	27.2

