

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012140.D
 Acq On : 13 Oct 2017 17:09
 Operator : SJ/JU
 Sample : I5568-06DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-29(0-1)-092917DL

Manual Integrations
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 6/22/2018 4:49:09 PM

Quant Time: Oct 24 05:28:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	203926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	866438	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.49	164	529792	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	1165402	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	911129	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	903149	20.00	ng/ul	-0.02

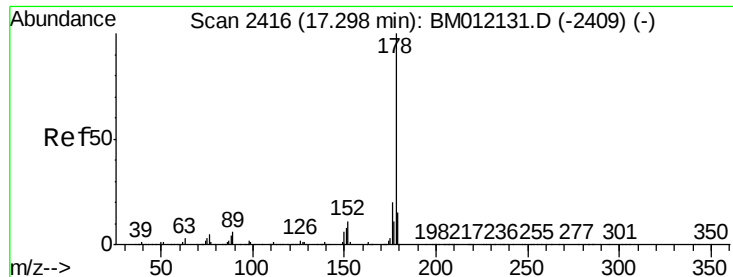
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	3643	0.85	ng/uL	0.00
5) Phenol-d5	7.02	99	65582	3.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	40103	4.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	57514	4.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	57496	4.04	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	28928	4.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	32636	4.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	62482	4.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	45736	3.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	216952	4.63	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	253897	4.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.74	143	20206m	2.87	ng/ul	0.00
57) Fluorene-d10	15.49	176	182540	4.75	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	1885	0.24	ng/ul	-0.01
70) Anthracene-d10	17.34	188	284812	4.94	ng/ul	-0.01
76) Pyrene-d10	19.64	212	261655	5.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	207088	4.76	ng/ul	-0.01

Target Compounds

					Ovalue	
69) Phenanthrene	17.29	178	676108	10.20	ng/ul	98
71) Anthracene	17.37	178	215976	3.15	ng/ul	98
74) Fluoranthene	19.30	202	2656080	33.20	ng/ul#	93
77) Pyrene	19.67	202	2226380	37.00	ng/ul#	92
80) Benzo(a)anthracene	21.41	228	1533479	25.87	ng/ul	97
82) Chrysene	21.46	228	1313344	23.60	ng/ul	97
85) Benzo(b)fluoranthene	23.05	252	1909134	32.39	ng/ul#	97
86) Benzo(k)fluoranthene	23.09	252	709959m	12.50	ng/ul	
88) Benzo(a)pyrene	23.66	252	1310919	23.60	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.15	276	818551	13.88	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.14	278	233064	4.70	ng/ul#	74
91) Benzo(g,h,i)perylene	26.89	276	717230	14.84	ng/ul#	91

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



#69

Phenanthrene

Concen: 10.20 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Instrument :

BNA_M

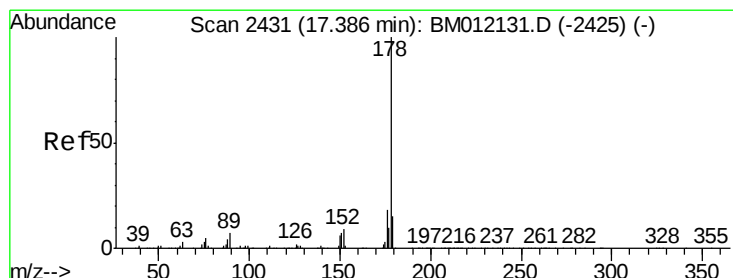
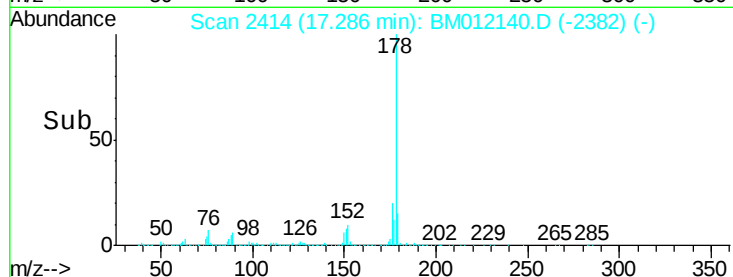
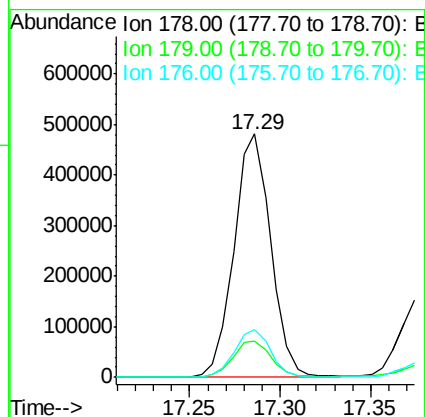
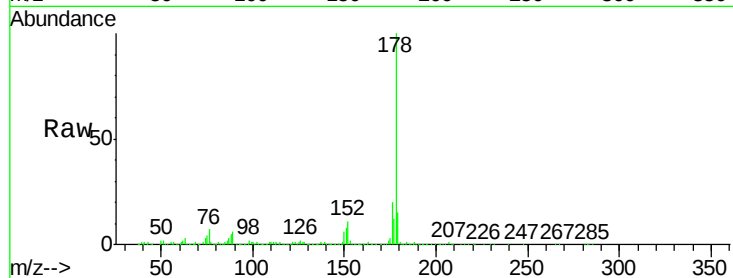
ClientSampleId :

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Tot Ion:	178	Resp:	676108
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	19.0
176	19.7	14.9	22.3

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#71

Anthracene

Concen: 3.15 ng/ul

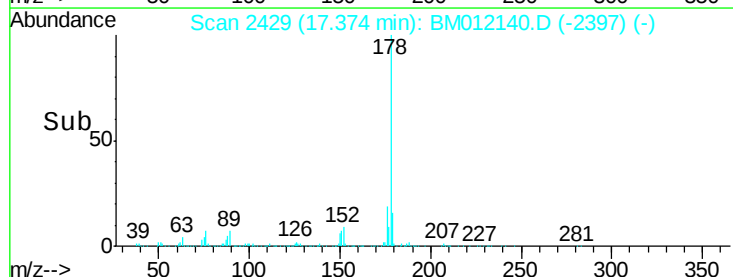
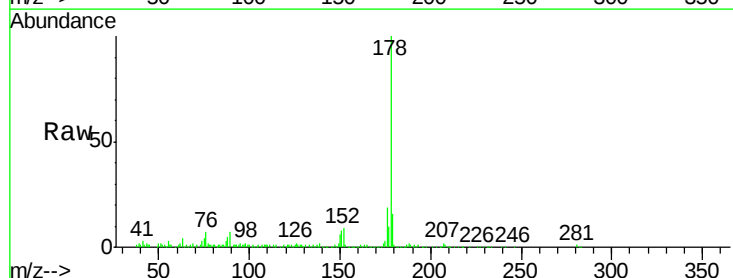
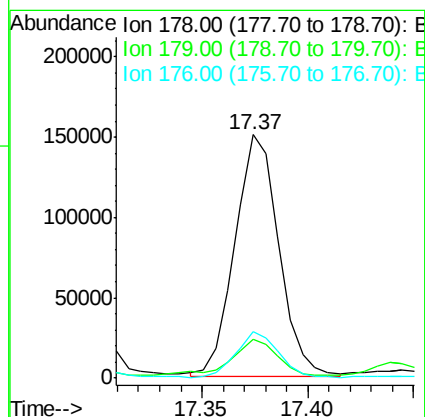
RT: 17.37 min Scan# 2429

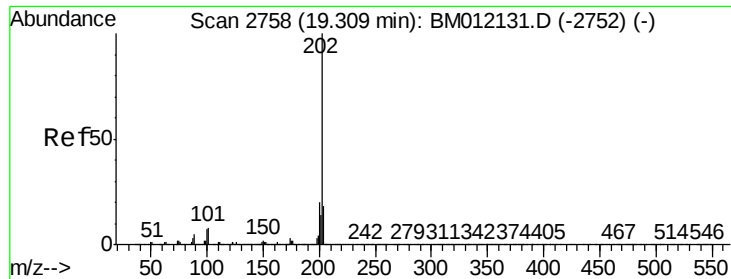
Delta R.T. -0.01 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Tgt Ion:	178	Resp:	215976
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.7	17.5
176	18.9	14.6	21.8





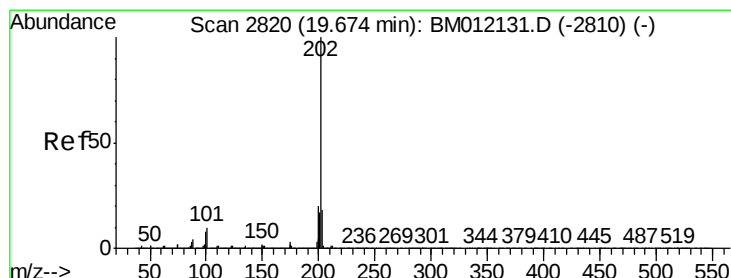
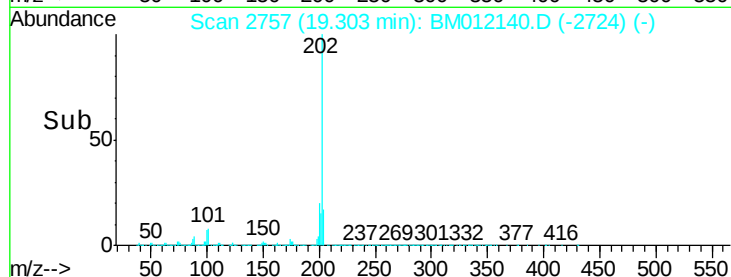
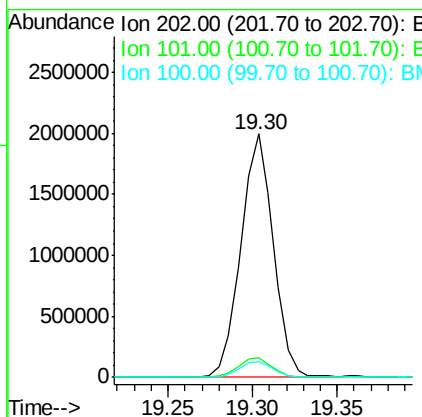
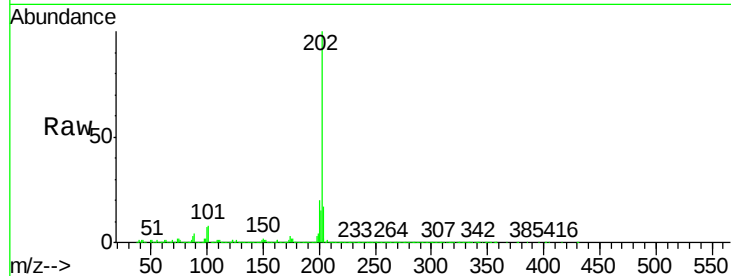
#74
Fluoranthene
Concen: 33.20 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.6	3.4	5.2#

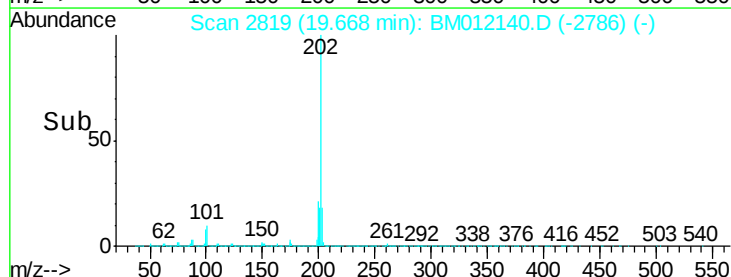
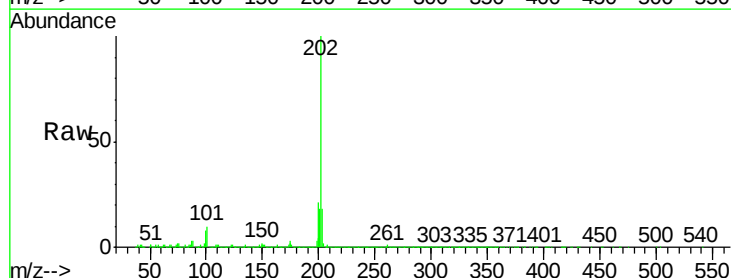
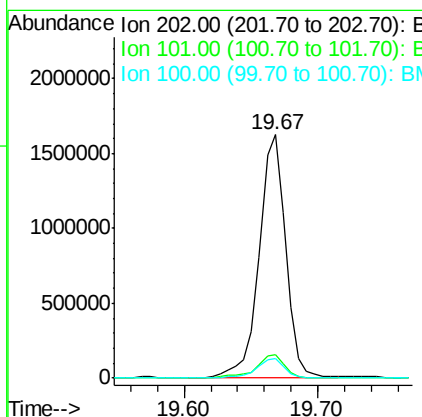
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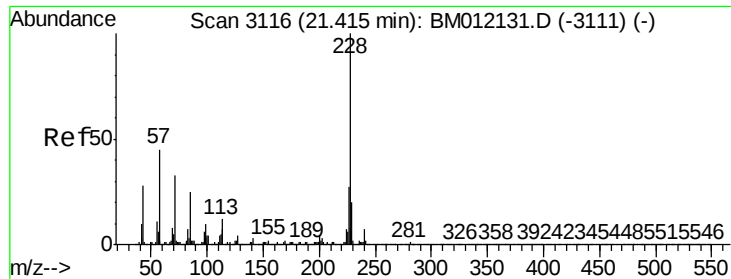
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#77
Pyrene
Concen: 37.00 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.0	4.9	7.3#





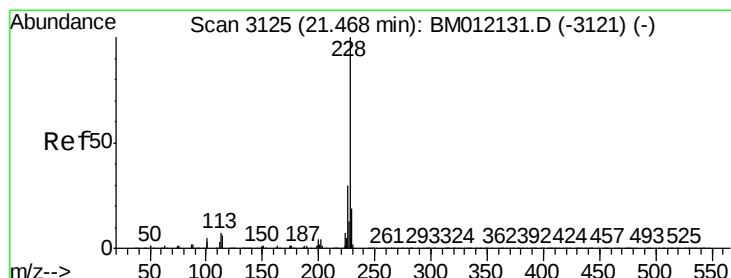
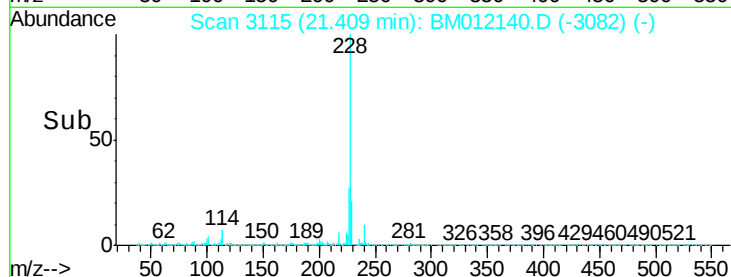
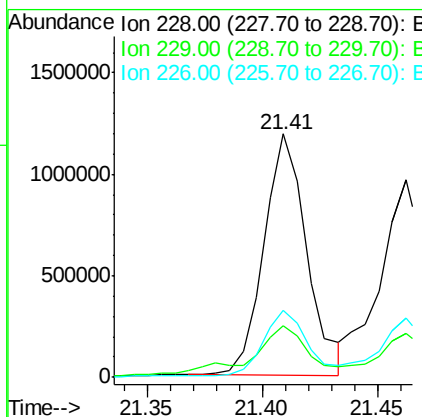
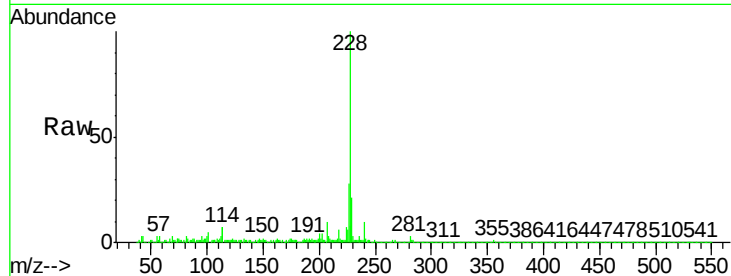
#80
Benzo(a)anthracene
Concen: 25.87 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	27.7	21.4	32.0

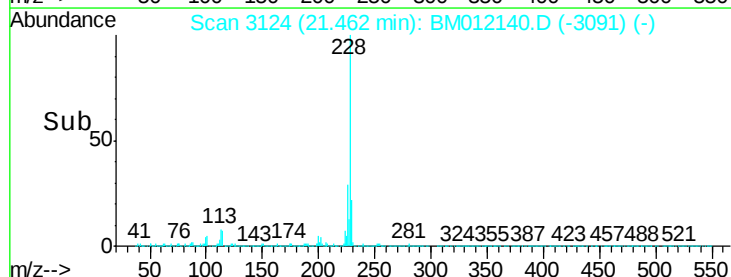
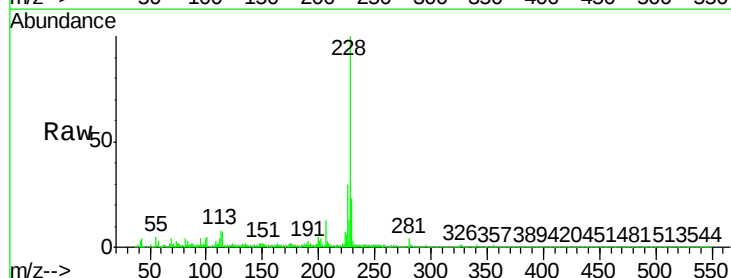
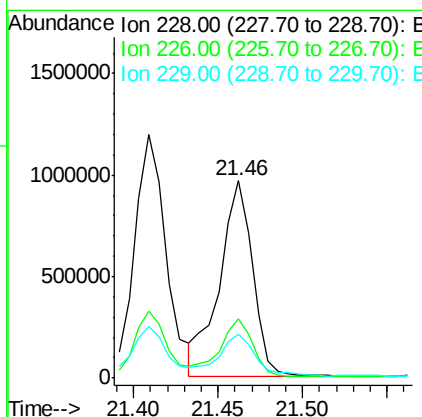
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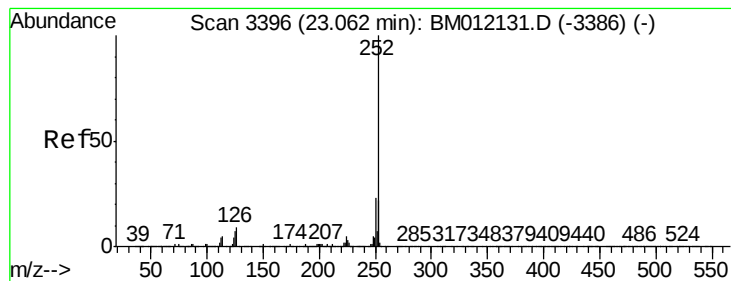
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#82
Chrysene
Concen: 23.60 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.6	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 32.39 ng/ul

RT: 23.05 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Instrument :

BNA_M

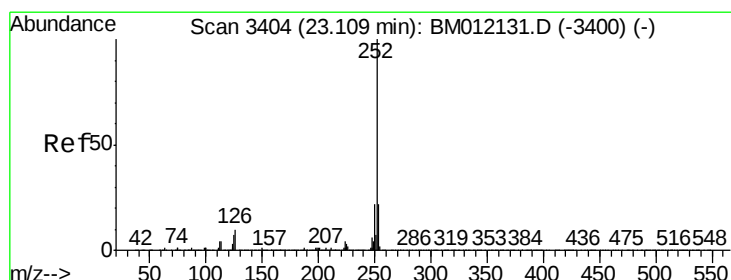
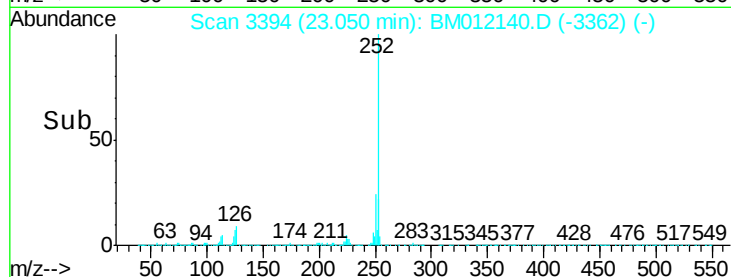
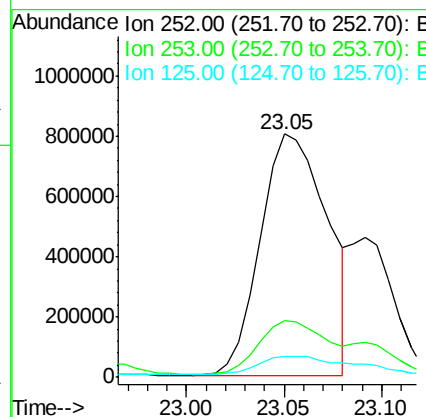
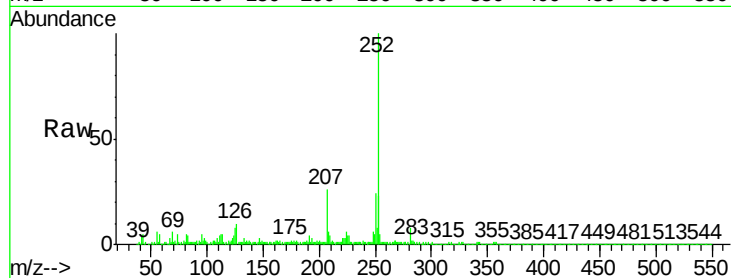
ClientSampleId :

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Tot Ion:	252	Resp:	1909134
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	8.5	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 12.50 ng/ul m

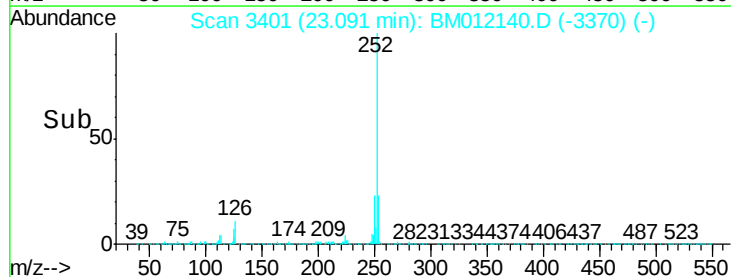
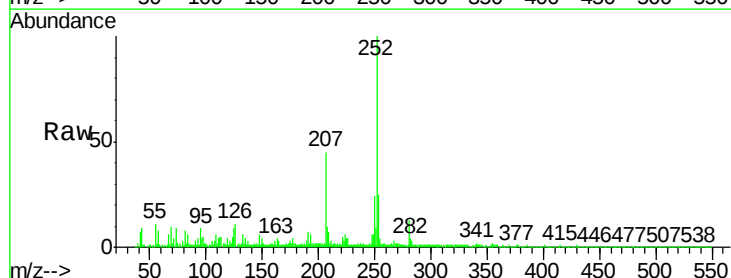
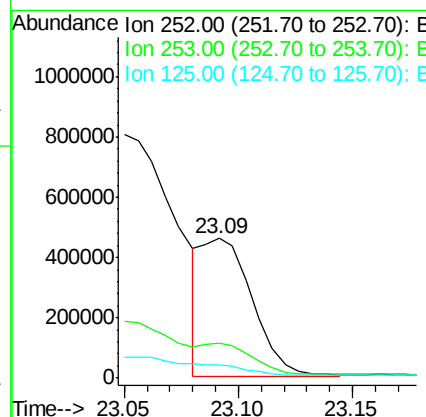
RT: 23.09 min Scan# 3401

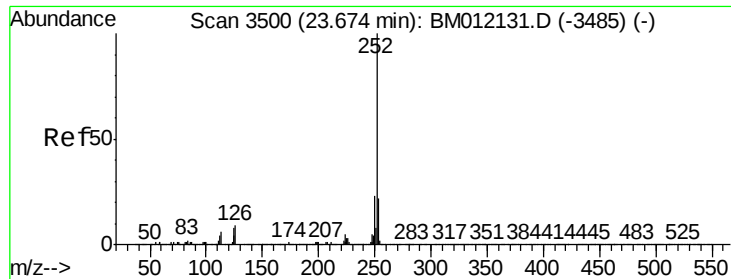
Delta R.T. -0.02 min

Lab File: BM012140.D

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Tgt Ion:	252	Resp:	709959
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	9.1	3.4	5.2#





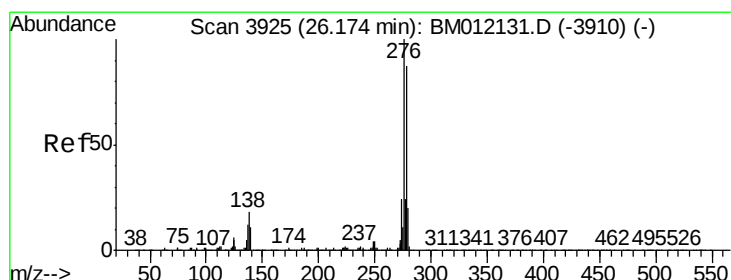
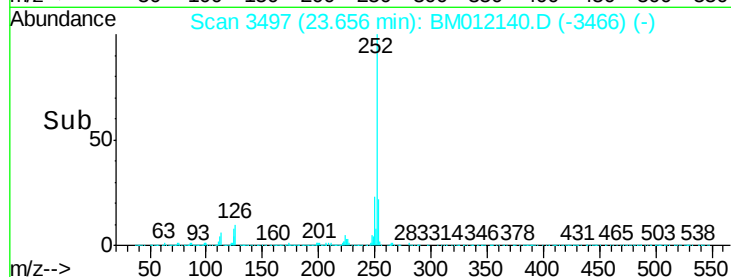
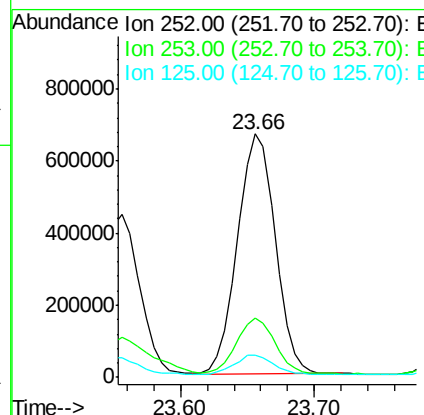
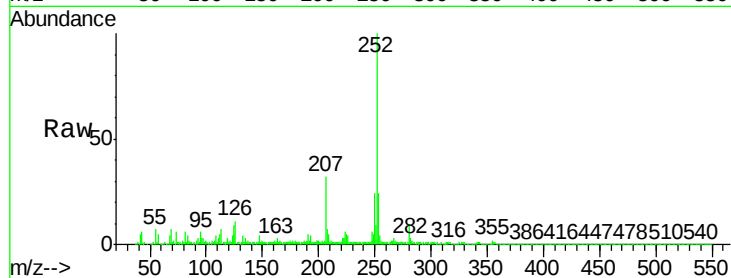
#88
Benzo(a)pyrene
Concen: 23.60 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Instrument :
BNA_M
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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	9.0	4.0	6.0

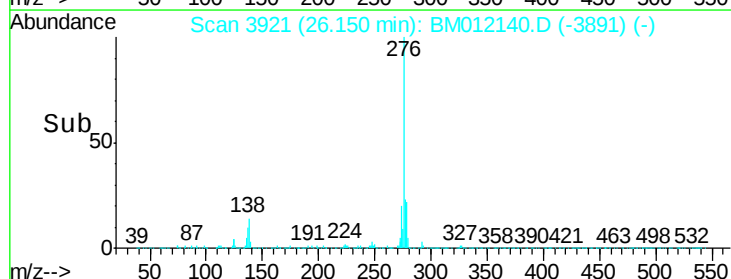
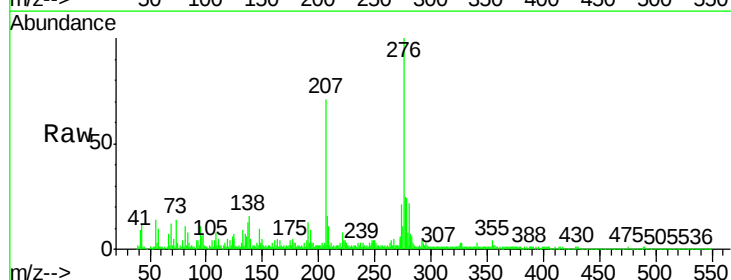
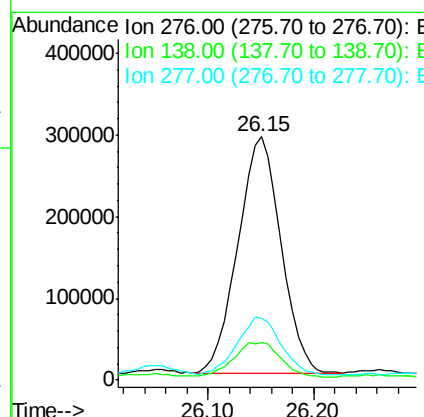
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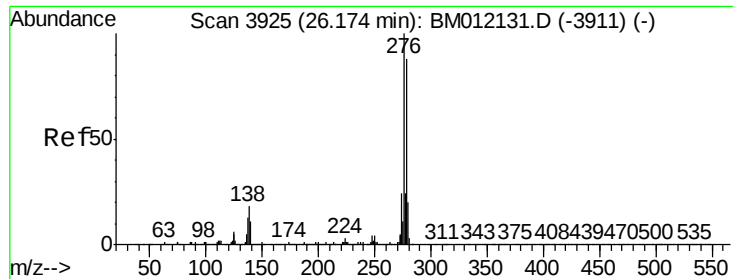
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#89
Indeno(1,2,3-cd)pyrene
Concen: 13.88 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9
277	25.3	19.9	29.9





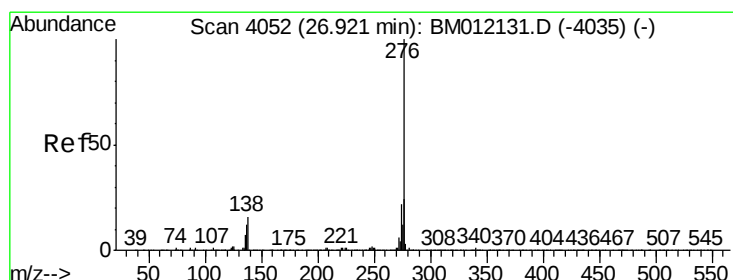
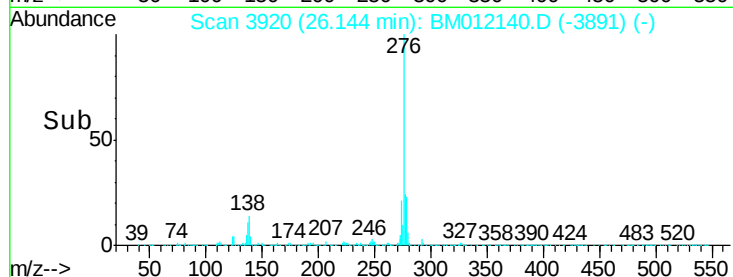
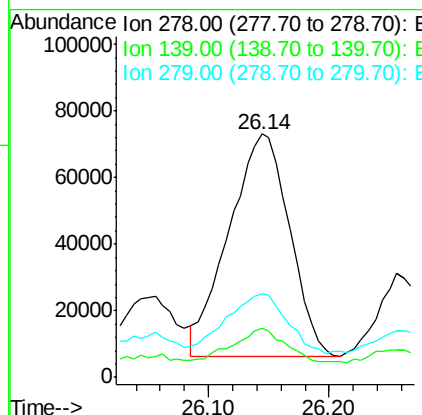
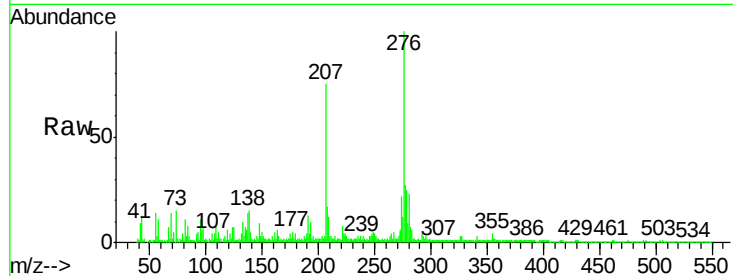
#90
Dibenzo(a,h)anthracene
Concen: 4.70 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.03 min
Lab File: BM012140.D
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Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	5.8	8.8#
279	34.5	18.6	27.8#

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#91
Benzo(g,h,i)perylene
Concen: 14.84 ng/ul
RT: 26.89 min Scan# 4047
Delta R.T. -0.03 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	8.5	12.7#
277	25.8	18.6	28.0

