

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014957.D
 Acq On : 03 May 2018 23:51
 Operator : SJ/JU
 Sample : J2554-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:32:39 PM

Quant Time: May 04 06:45:33 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	422478	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1709991	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	830724	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1624739	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1608463	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1773688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	35036	3.62	ng/uL	0.00
5) Phenol-d5	7.62	99	605475	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	425881	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	514820	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	429735	16.50	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	227194	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	233059	18.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	421988	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	547623	22.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1207433	18.62	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1428426	17.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	164175	13.64	ng/ul	0.00
57) Fluorene-d10	16.07	176	1007917	17.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	113779	12.94	ng/ul	0.00
70) Anthracene-d10	17.91	188	1451277	19.17	ng/ul	0.00
76) Pyrene-d10	20.14	212	1569182	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	1883816	21.62	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.65	94	40781	1.269	ng/ul#	86
44) Dimethylphthalate	14.53	163	283109	4.516	ng/ul	97
69) Phenanthrene	17.85	178	313056	3.588	ng/ul	99
74) Fluoranthene	19.82	202	624022	6.560	ng/ul#	80
77) Pyrene	20.17	202	543794	5.786	ng/ul#	77
80) Benzo(a)anthracene	21.88	228	311712	3.314	ng/ul	99
82) Chrysene	21.94	228	292567	3.323	ng/ul	96
85) Benzo(b)fluoranthene	23.62	252	454373	4.346	ng/ul#	93
86) Benzo(k)fluoranthene	23.66	252	156020m	1.552	ng/ul	
88) Benzo(a)pyrene	24.27	252	322837	3.255	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.93	276	248202	2.069	ng/ul#	89
91) Benzo(g,h,i)perylene	27.73	276	229152	2.321	ng/ul#	85

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

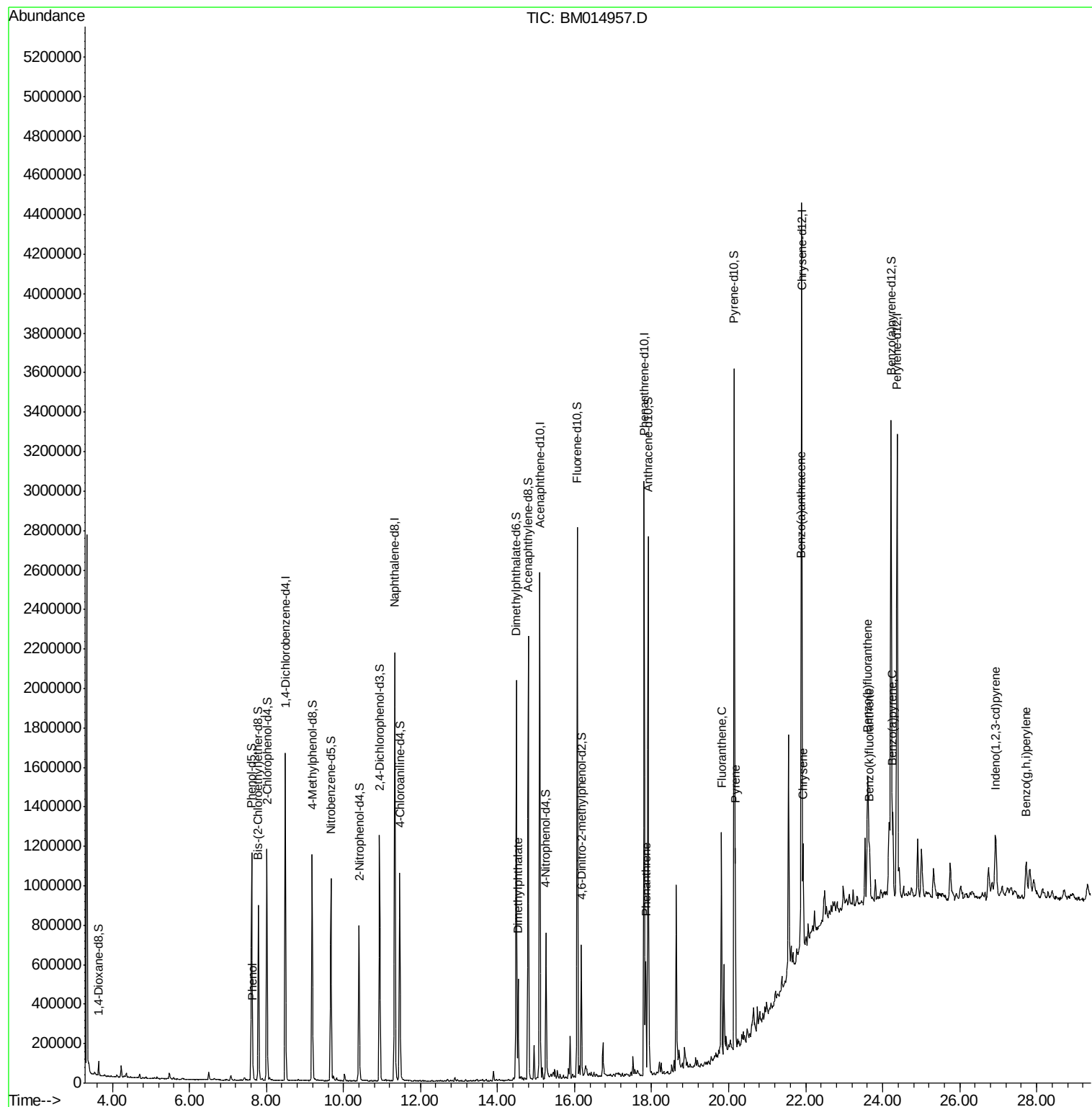
Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014957.D
Acq On : 03 May 2018 23:51
Operator : SJ/JU
Sample : J2554-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

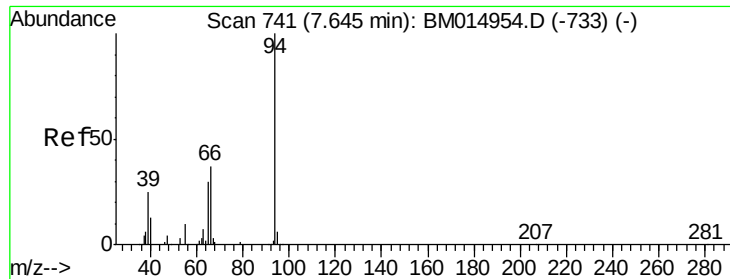
Instrument :
BNA_M
ClientSampled :
C0AF1

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Quant Time: May 04 06:45:33 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 05:51:01 2018
Response via : Initial Calibration





#6

Phenol

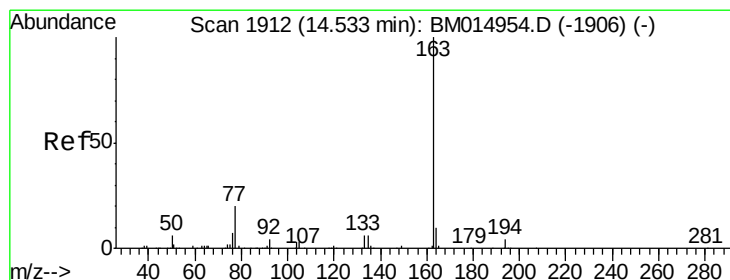
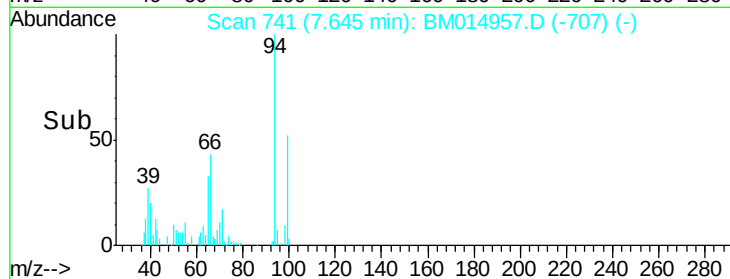
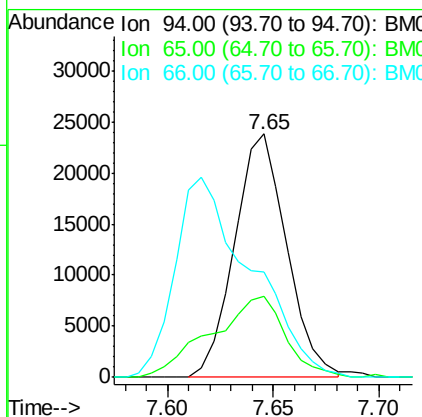
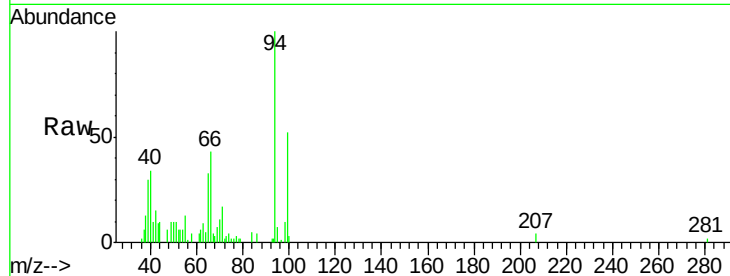
Concen: 1.269 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014957.D
 Acq: 03 May 2018 23:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.1	28.2	42.4
66	43.3	47.2	70.8#

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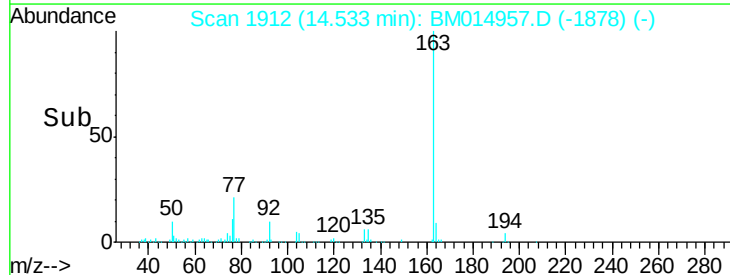
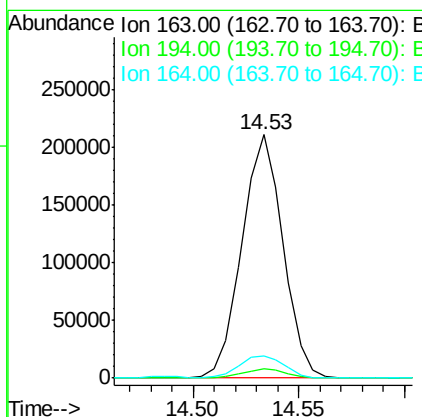
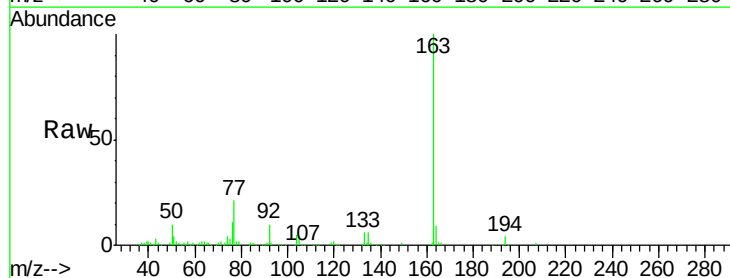


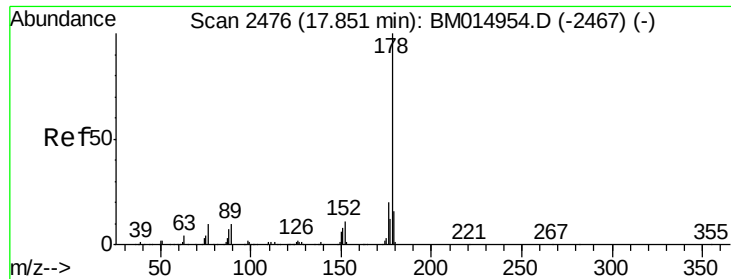
#44

Dimethylphthalate

Concen: 4.516 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM014957.D
 Acq: 03 May 2018 23:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.2	8.2	12.4





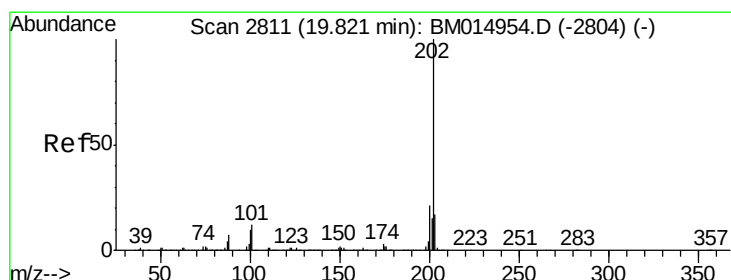
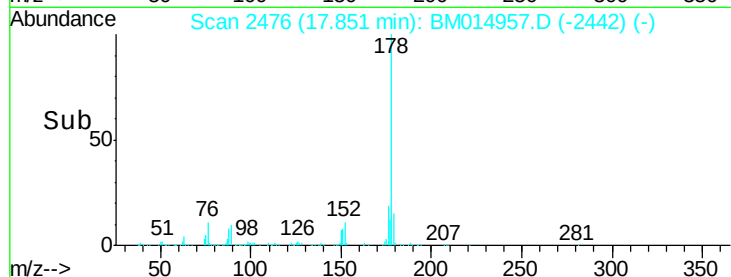
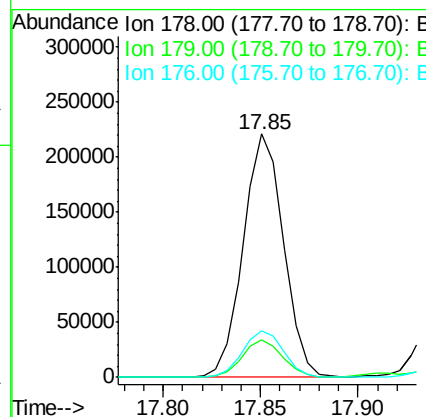
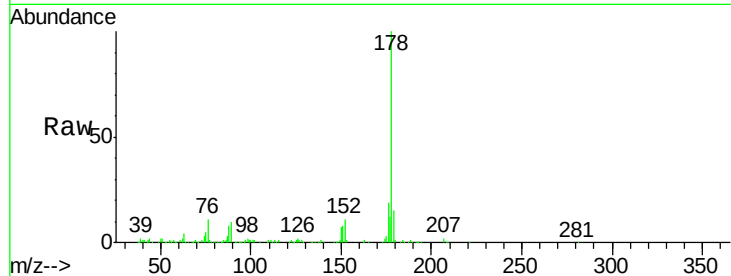
#69
Phenanthrene
Concen: 3.588 ng/ul
RT: 17.85 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Instrument :
BNA_M
ClientSampled :
C0AF1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.0	14.9	22.3

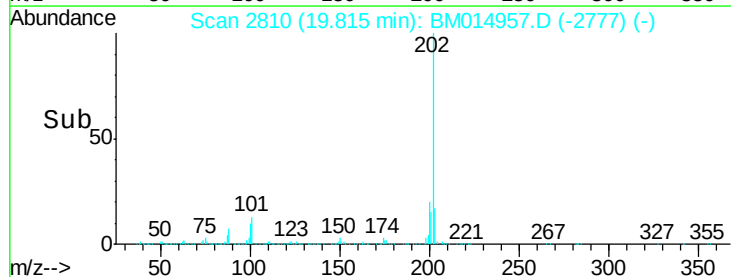
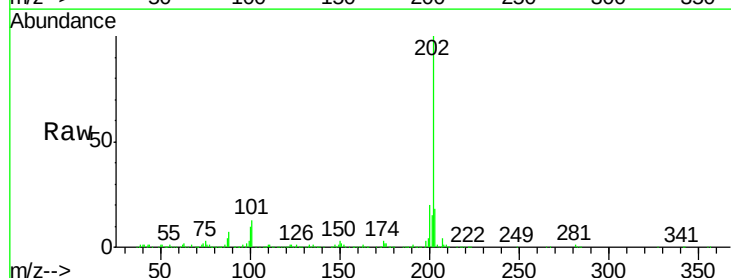
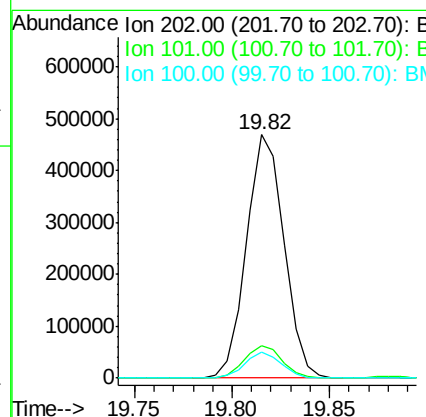
Manual Integrations
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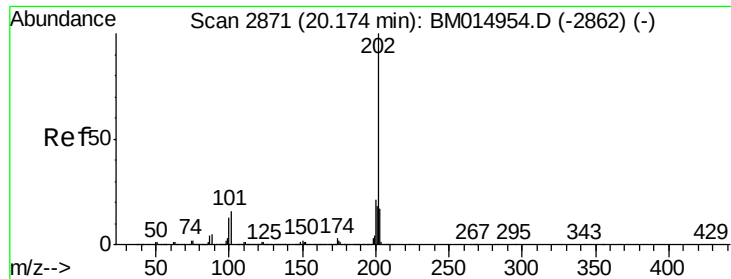
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#74
Fluoranthene
Concen: 6.560 ng/ul
RT: 19.82 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	4.6	7.0#
100	10.4	3.4	5.2#





#77

Pvrene

Concen: 5.786 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

Instrument :

BNA_M

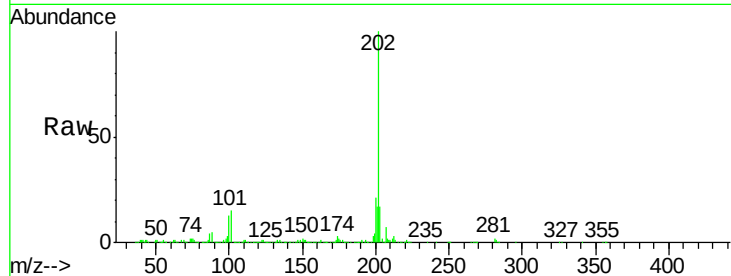
ClientSampled :

C0AF1

Tot Ion:	202	Resp:	543794
Ion Ratio	Lower	Upper	
202	100		
101	15.2	5.1	7.7#
100	12.6	4.9	7.3#

Manual Integrations
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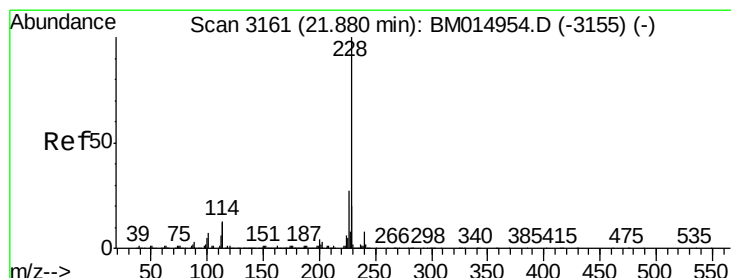
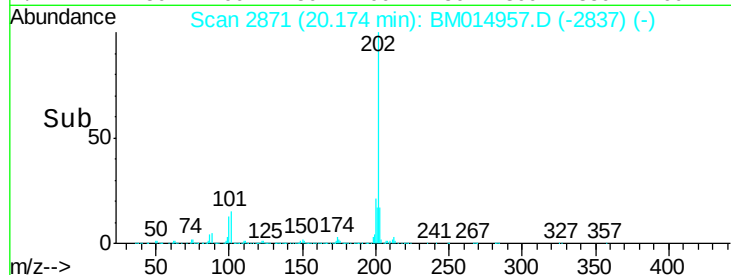
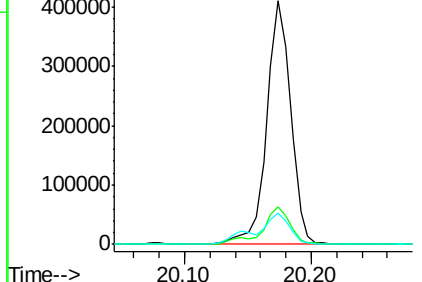
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 3.314 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BM014957.D

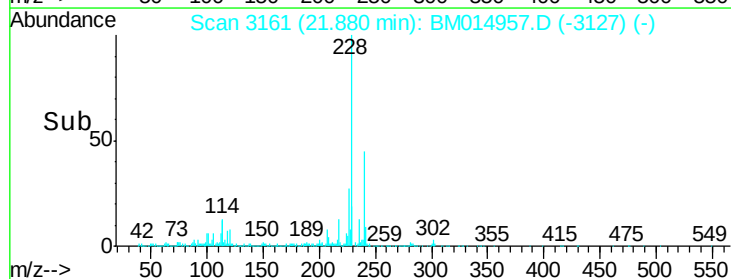
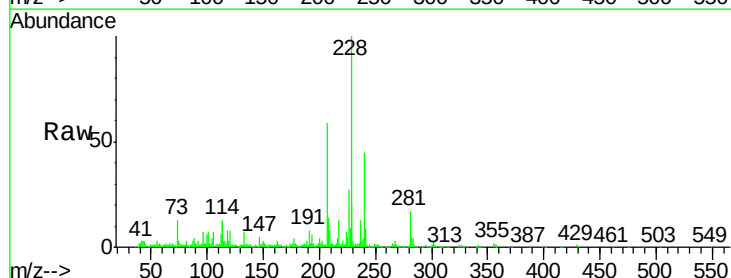
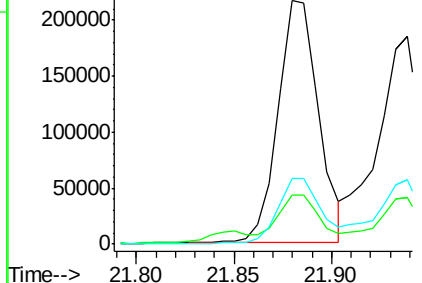
Acq: 03 May 2018 23:51

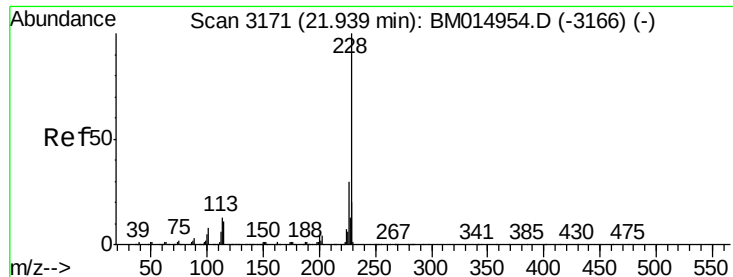
Tgt Ion:	228	Resp:	311712
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.4	23.0
226	27.1	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.323 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

Instrument :

BNA_M

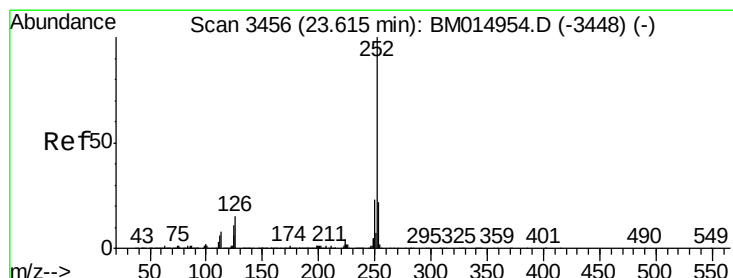
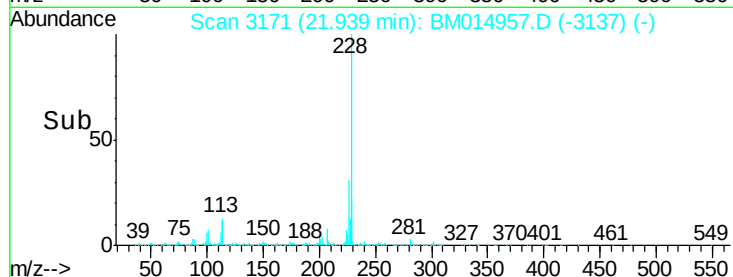
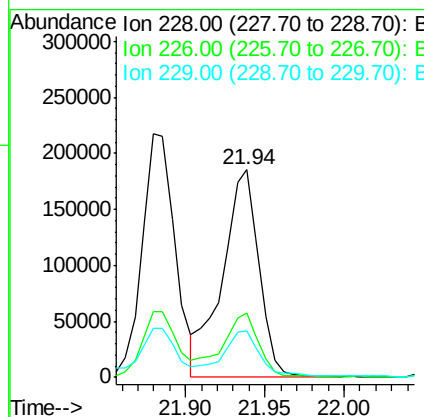
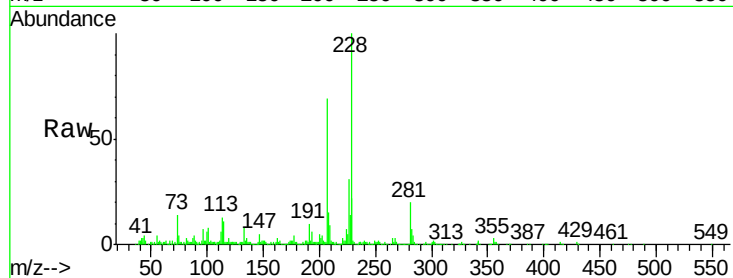
ClientSampled :

C0AF1

Tot Ion:	228	Resp:	292567
Ion Ratio		Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.2	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 4.346 ng/ul

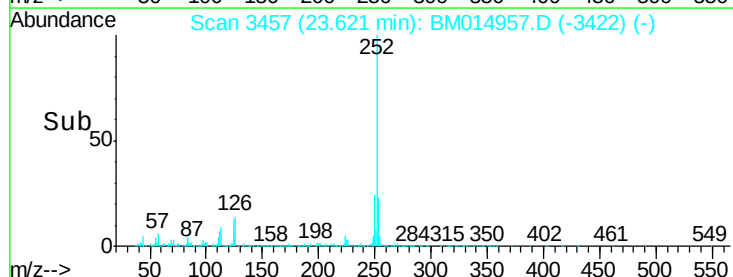
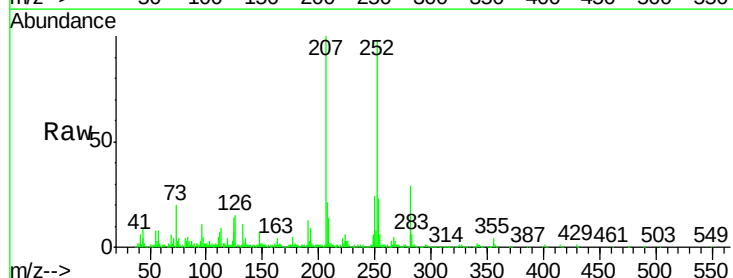
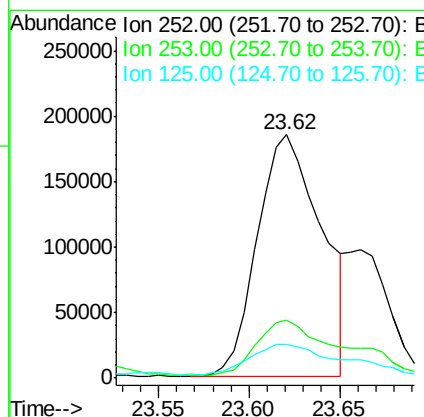
RT: 23.62 min Scan# 3457

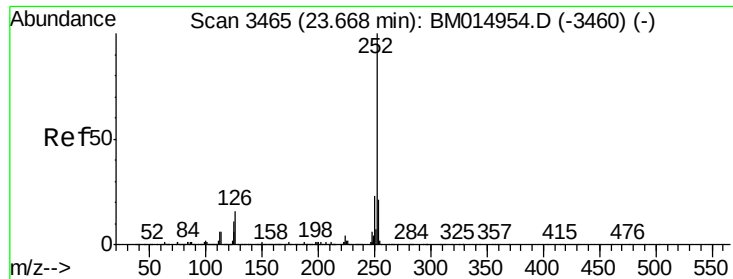
Delta R.T. 0.01 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

Tgt Ion:	252	Resp:	454373
Ion Ratio		Lower	Upper
252	100		
253	23.7	17.9	26.9
125	14.0	3.6	5.4#





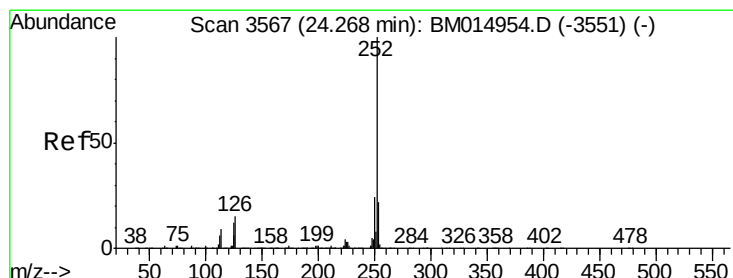
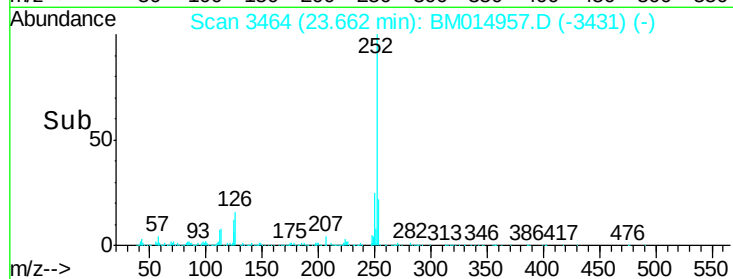
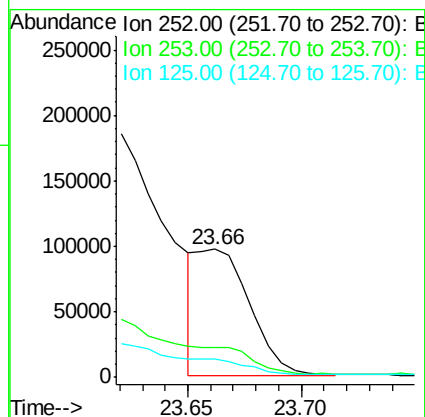
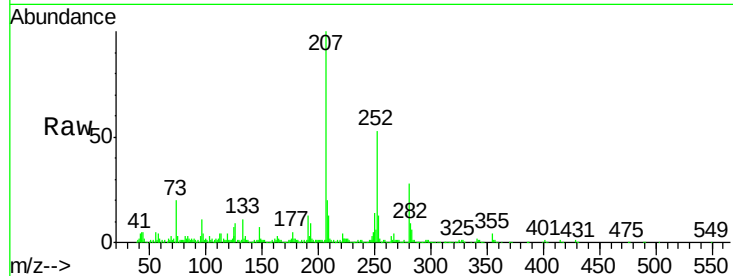
#86
Benzo(k)fluoranthene
Concen: 1.552 ng/ul m
RT: 23.66 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Instrument :
BNA_M
ClientSampled :
C0AF1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.2	3.4	5.2

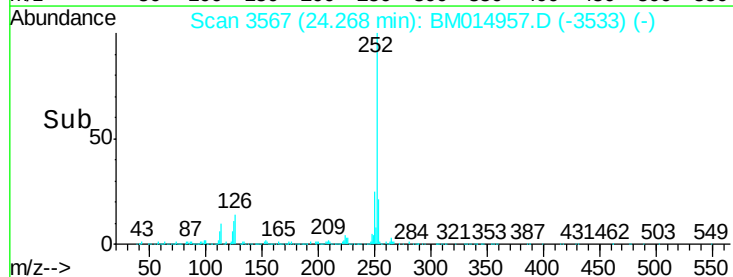
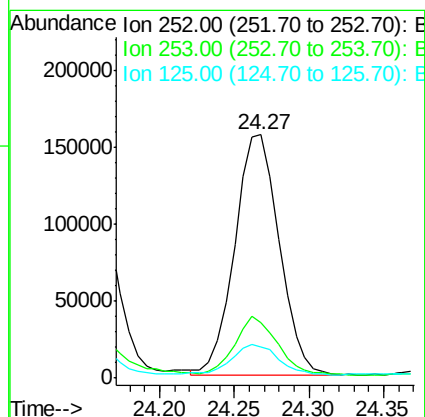
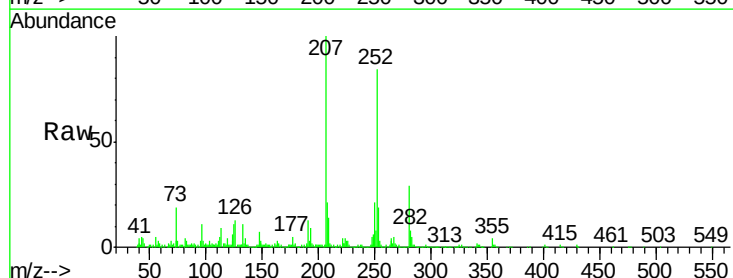
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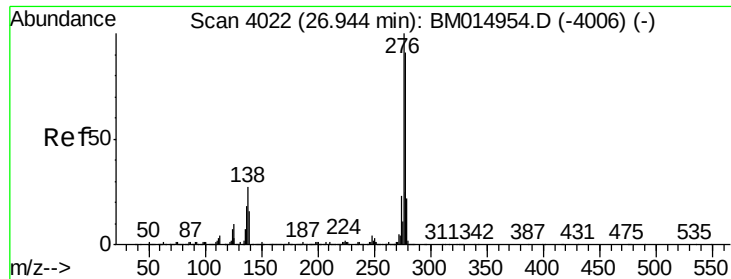
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#88
Benzo(a)pyrene
Concen: 3.255 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. -0.00 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	13.0	4.0	6.0





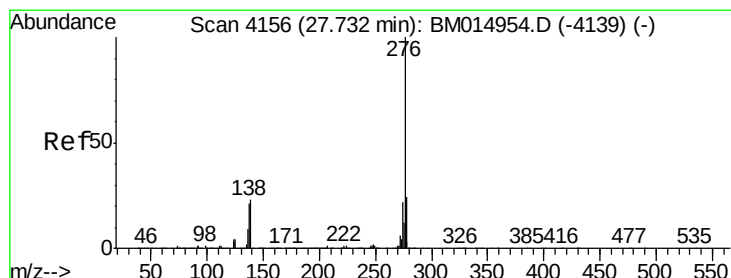
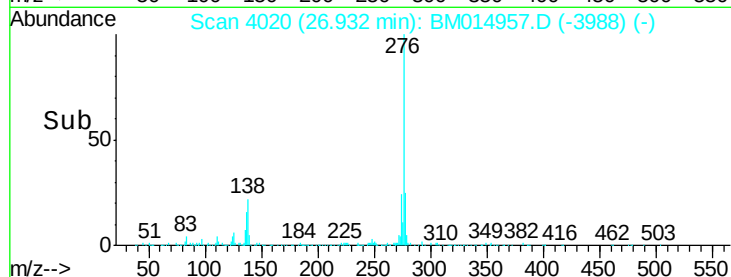
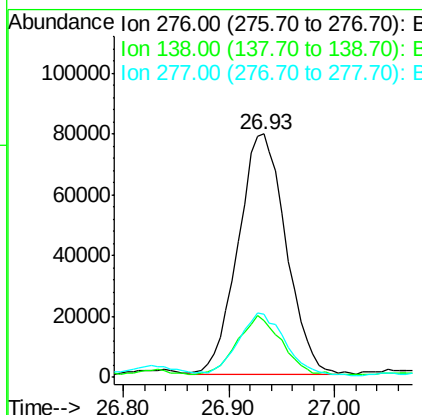
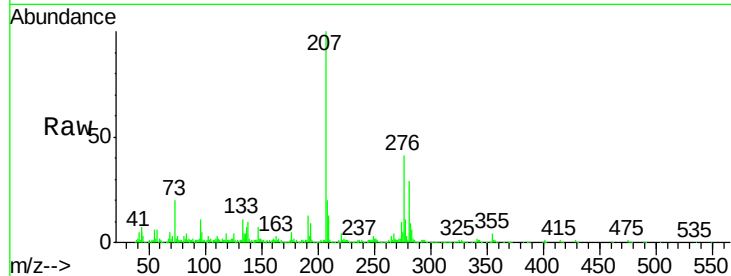
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.069 ng/ul
RT: 26.93 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Instrument :
BNA_M
ClientSampled :
C0AF1

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	9.3	13.9#
277	26.1	19.9	29.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.321 ng/ul
RT: 27.73 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	8.5	12.7#
277	25.6	18.6	28.0

