

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012818\
 Data File : BM013952.D
 Acq On : 29 Jan 2018 08:58
 Operator : SJ/JU
 Sample : J1243-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6B28

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:09:05 PM

Quant Time: Feb 08 11:15:52 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	190019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	710691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	374891	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	692091	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	679934	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	704467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	19067	3.97	ng/uL	0.00
5) Phenol-d5	6.76	99	436605	29.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	260105	29.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	381052	32.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	357315	31.86	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	181529	32.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	204221	35.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	381395	33.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	243633	24.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1073954	34.76	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1337974	33.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	134309	26.75	ng/ul	0.00
57) Fluorene-d10	15.23	176	844599	31.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	114460	27.48	ng/ul	0.00
70) Anthracene-d10	17.09	188	1209098m	35.87	ng/ul	0.00
76) Pyrene-d10	19.39	212	1205230	38.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1195132m	36.91	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	6.79	94	48374	3.306	ng/ul 92
44) Dimethylphthalate	13.70	163	445807	14.675	ng/ul 100
47) Acenaphthylene	13.95	152	217164	6.024	ng/ul 100
49) Acenaphthene	14.29	153	61730	2.472	ng/ul 91
55) 2,3,4,6-Tetrachlorophenol	14.87	232	86113	10.942	ng/ul# 89
58) Fluorene	15.29	166	71374m	2.320	ng/ul
68) Pentachlorophenol	16.65	266	2727346	583.306	ng/ul 98
69) Phenanthrene	17.03	178	2464328	64.058	ng/ul 99
71) Anthracene	17.12	178	572401	14.425	ng/ul 97
72) Carbazole	17.40	167	400145	12.217	ng/ul 99
74) Fluoranthene	19.06	202	9846907	214.429	ng/ul# 93
77) Pyrene	19.43	202	7689778	186.035	ng/ul# 94
80) Benzo(a)anthracene	21.17	228	1213247	29.530	ng/ul 98
82) Chrysene	21.23	228	1741373	46.202	ng/ul 97
85) Benzo(b)fluoranthene	22.73	252	1595038	36.868	ng/ul# 97
86) Benzo(k)fluoranthene	22.77	252	336684m	8.051	ng/ul
88) Benzo(a)pyrene	23.29	252	563875	13.797	ng/ul# 98
89) Indeno(1,2,3-cd)pyrene	25.56	276	383236	7.944	ng/ul 96
90) Dibenzo(a,h)anthracene	25.56	278	99143	2.434	ng/ul# 93
91) Benzo(g,h,i)perylene	26.24	276	287540	7.242	ng/ul 95

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

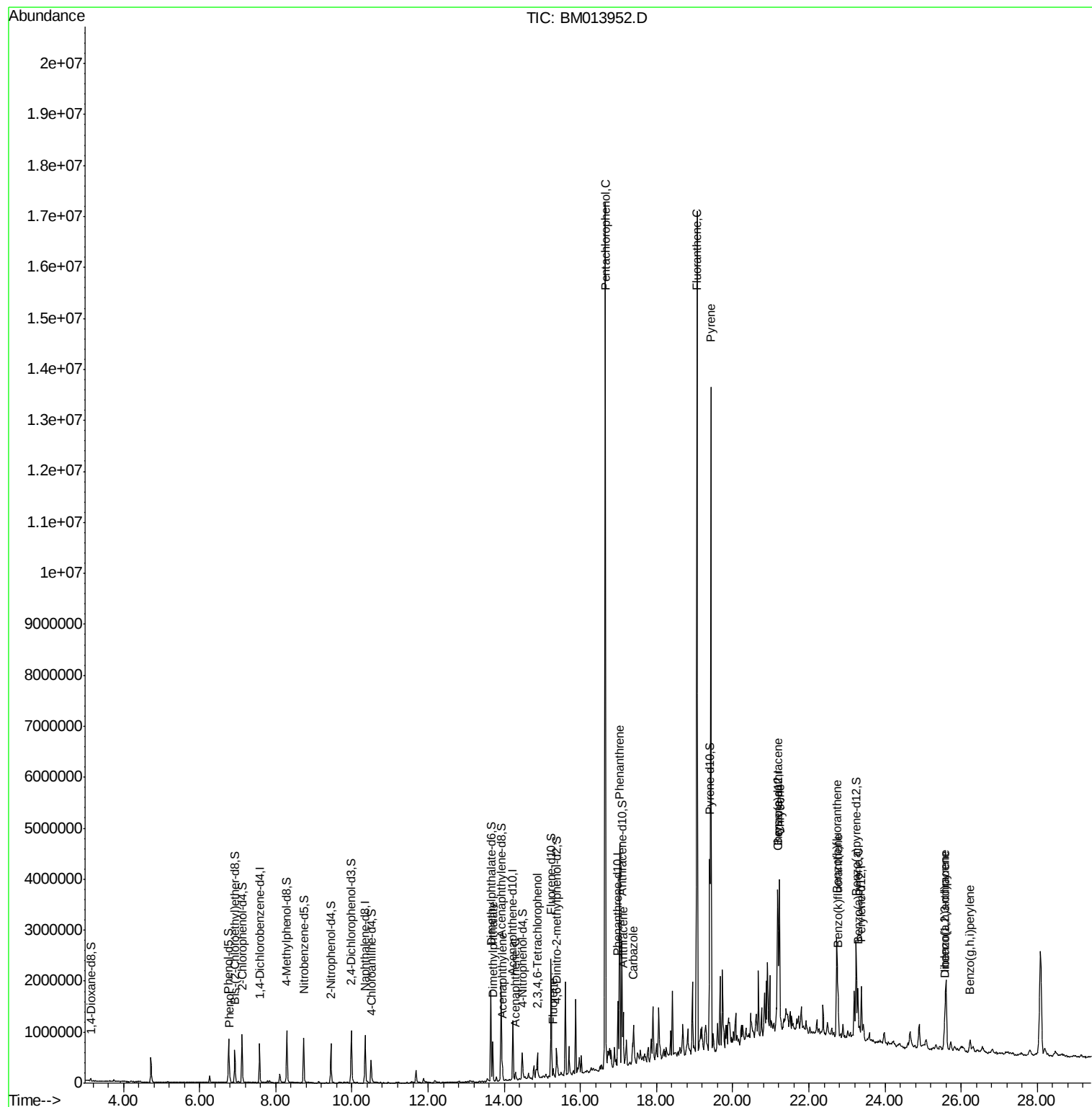
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013952.D
Acq On : 29 Jan 2018 08:58
Operator : SJ/JU
Sample : J1243-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

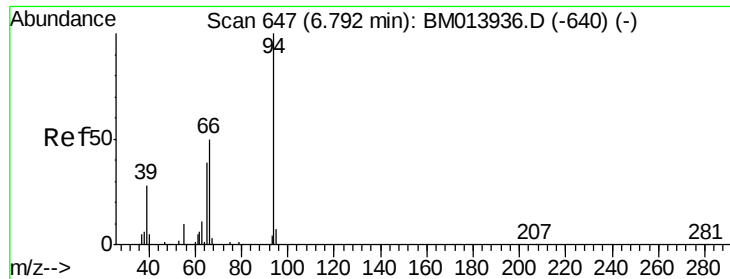
Instrument :
BNA_M
ClientSampleId :
F6B28

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1/29/2018 6:09:05 PM

Quant Time: Feb 08 11:15:52 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.306 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

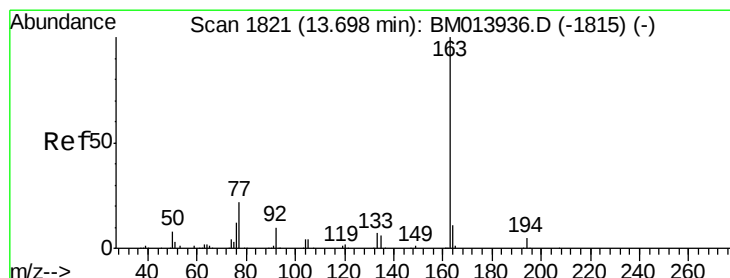
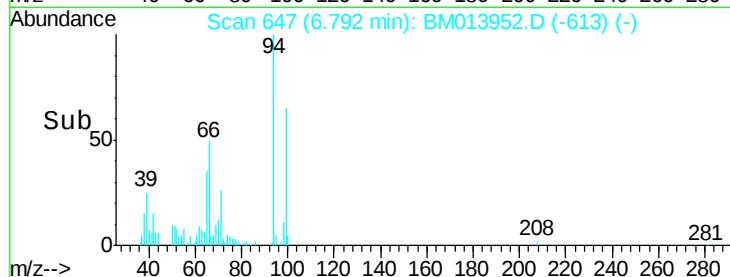
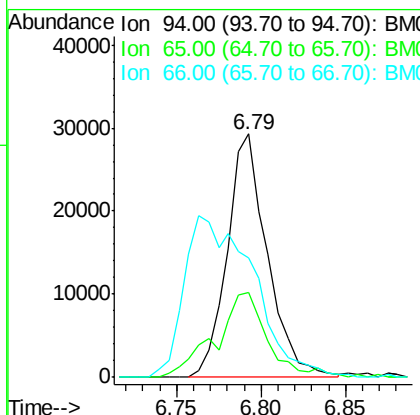
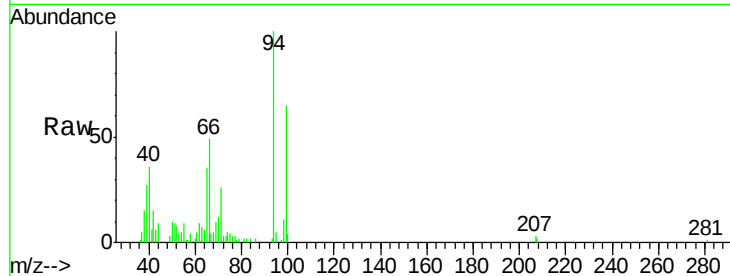
ClientSampleId :

F6B28

Tgt Ion:	94	Resp:	48374
Ion	Ratio	Lower	Upper
94	100		
65	34.7	28.2	42.4
66	49.3	47.2	70.8

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#44

Dimethylphthalate

Concen: 14.675 ng/ul

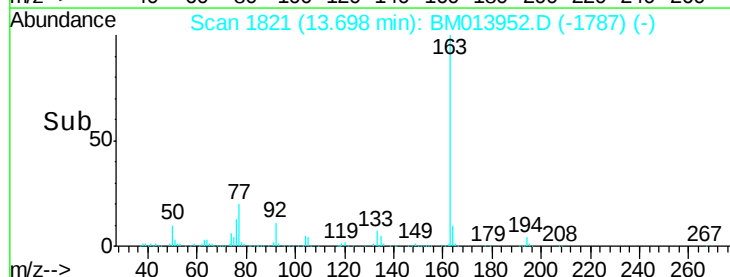
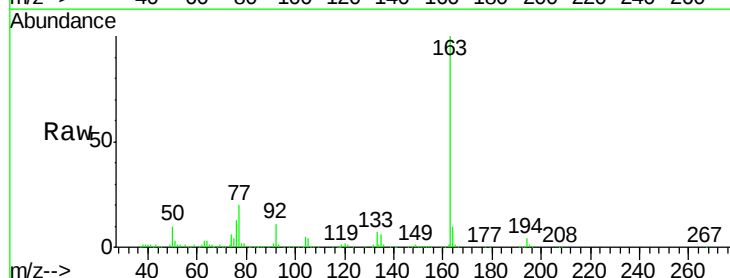
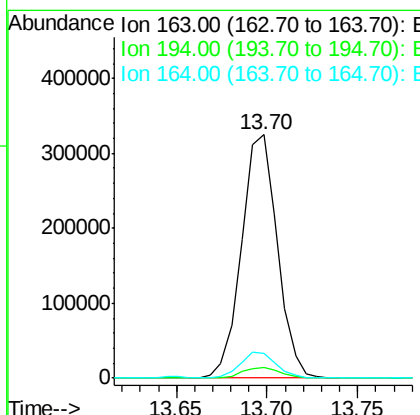
RT: 13.70 min Scan# 1821

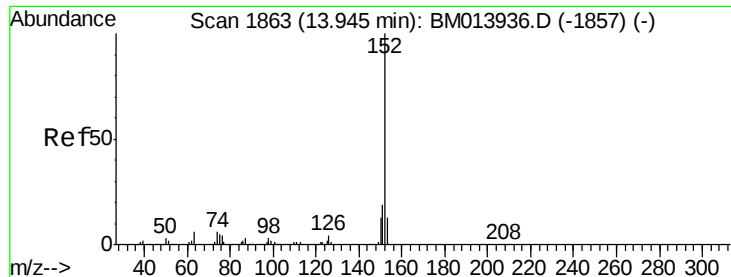
Delta R.T. 0.00 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Tgt Ion:	163	Resp:	445807
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.1	8.2	12.4





#47

Acenaphthylene

Concen: 6.024 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

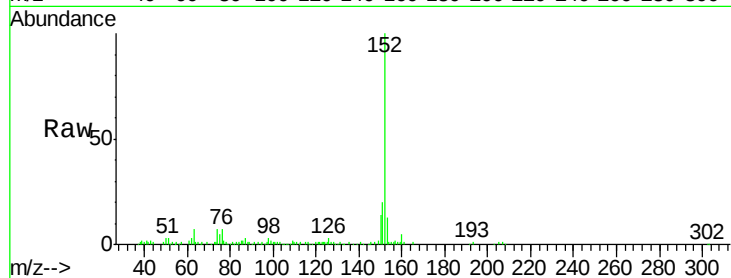
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F6B28

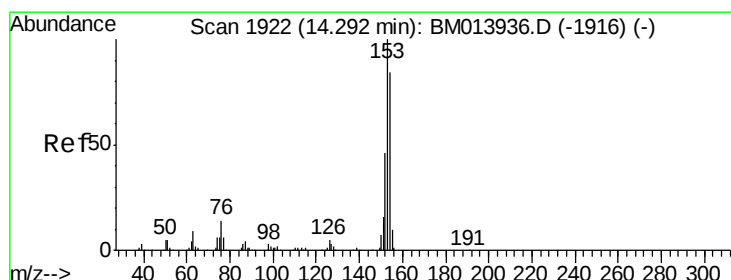
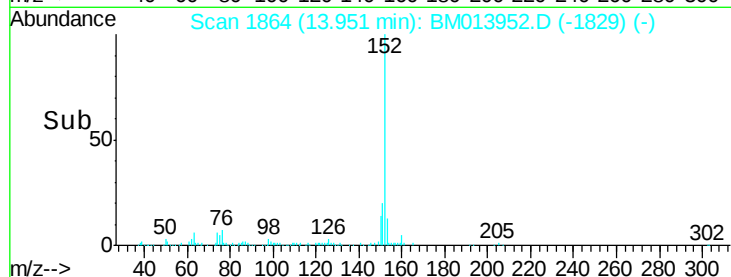
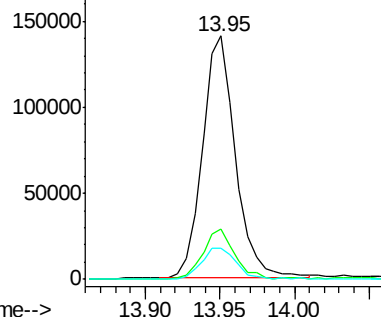
Tgt Ion:	152	Resp:	217164
Ion Ratio		Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.7	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 2.472 ng/ul

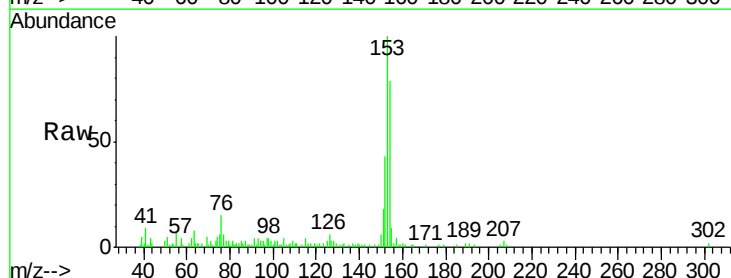
RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

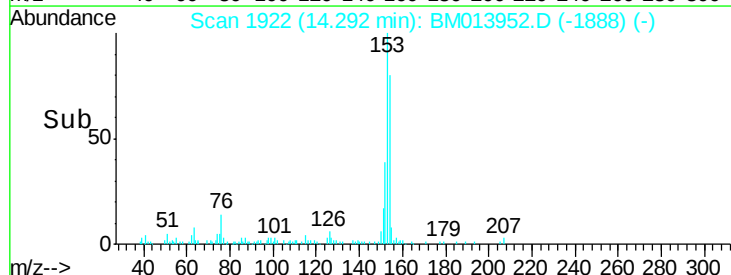
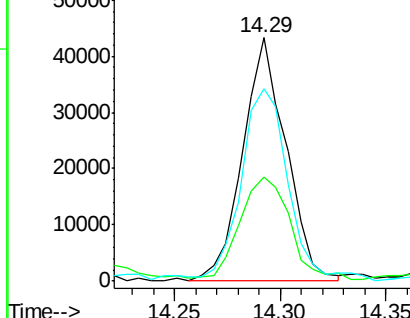
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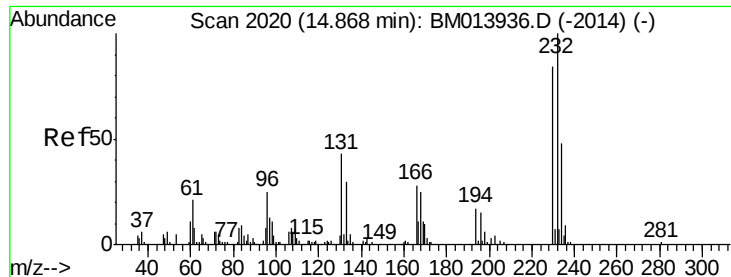
Acq: 29 Jan 2018 08:58

Tgt Ion:	153	Resp:	61730
Ion Ratio		Lower	Upper
153	100		
152	42.7	37.6	56.4
154	78.8	70.4	105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





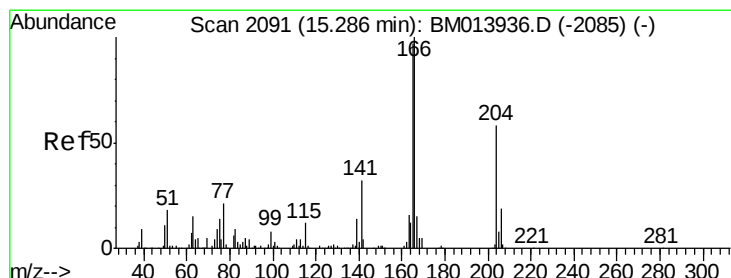
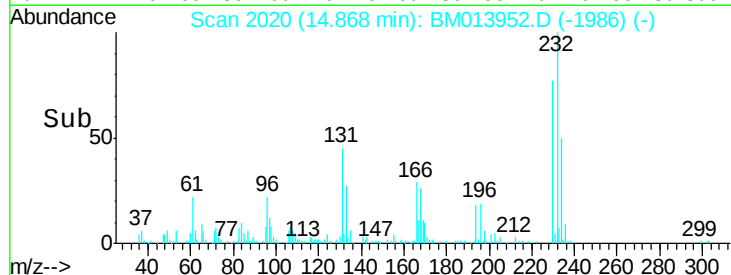
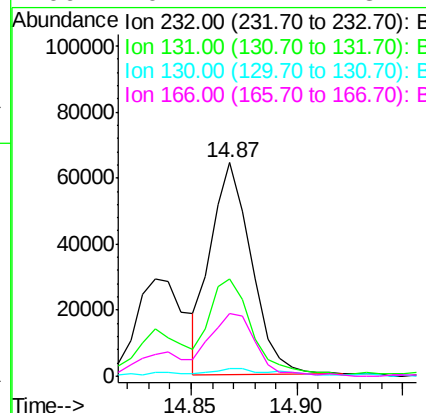
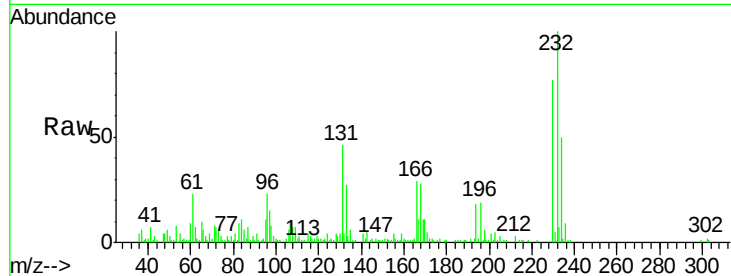
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 10.942 ng/ul
 RT: 14.87 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BM013952.D
 Acq: 29 Jan 2018 08:58

Instrument :
 BNA_M
 ClientSampled :
 F6B28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.8	29.0	43.4#
130	3.7	2.0	3.0#
166	29.2	21.4	32.2

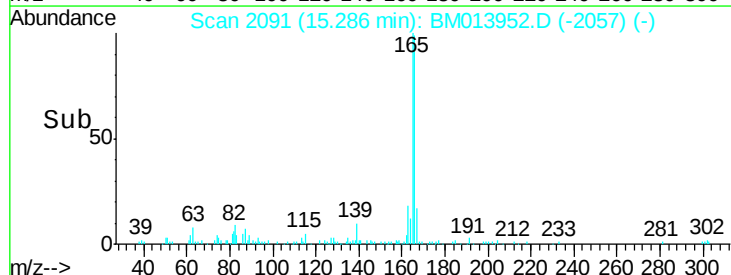
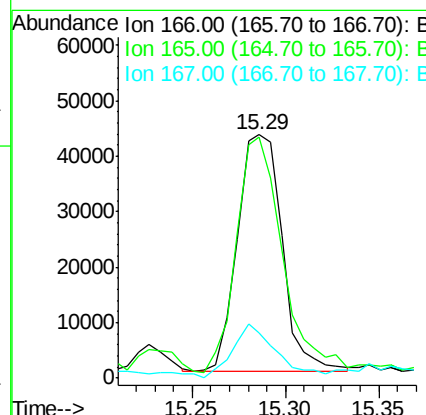
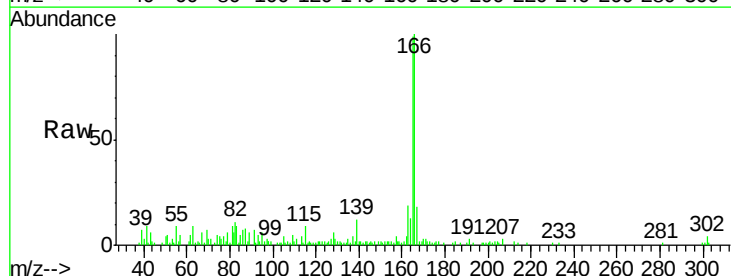
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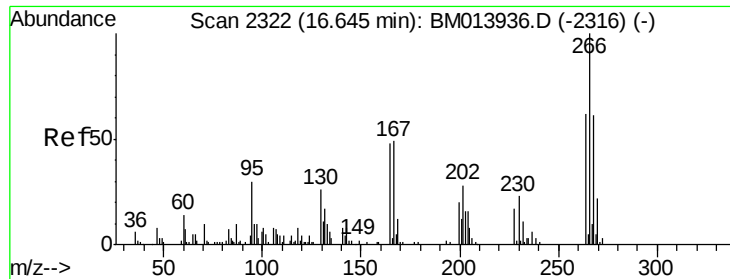
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#58
 Fluorene
 Concen: 2.320 ng/ul m
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM013952.D
 Acq: 29 Jan 2018 08:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.9	116.9
167	18.5	10.6	16.0#





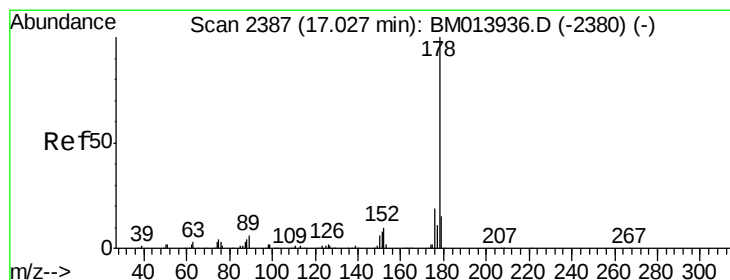
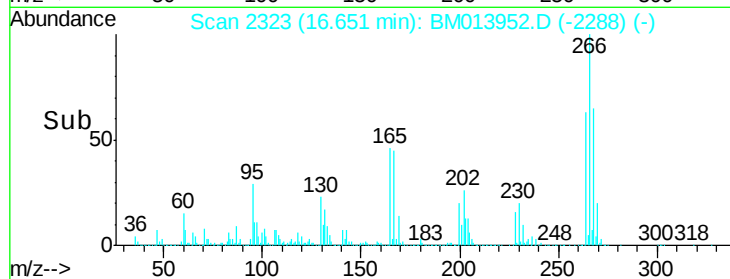
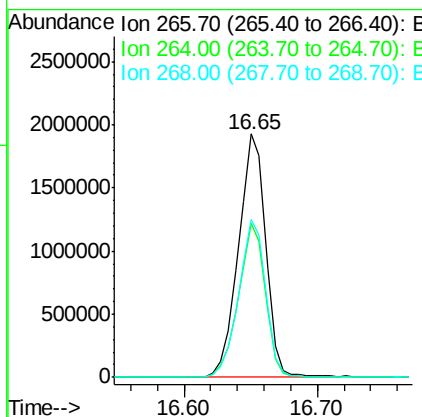
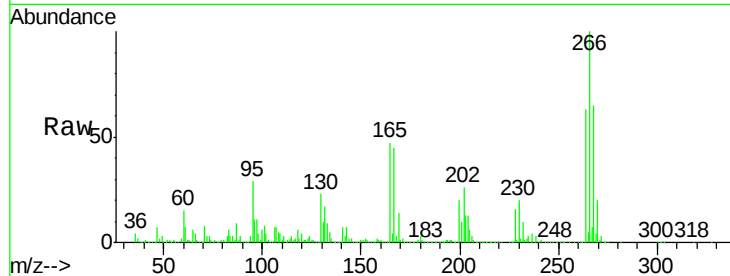
#68
 Pentachlorophenol
 Concen: 583.306 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BM013952.D
 Acq: 29 Jan 2018 08:58

Instrument :
 BNA_M
 ClientSampled :
 F6B28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.3	73.9
268	64.6	52.6	78.8

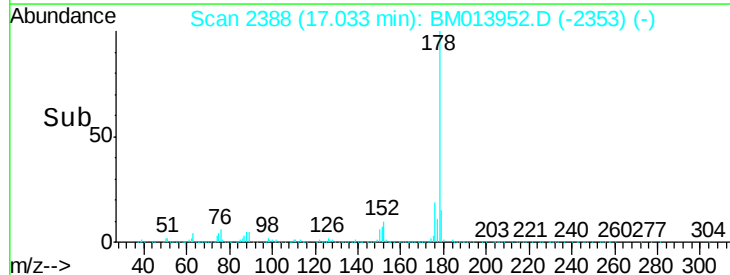
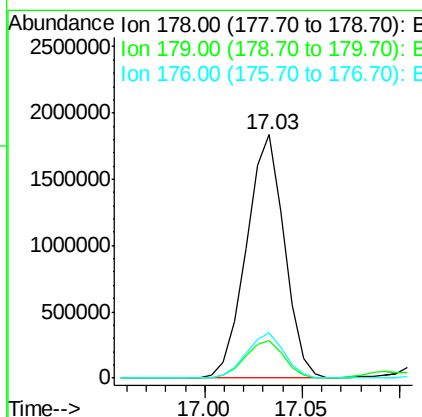
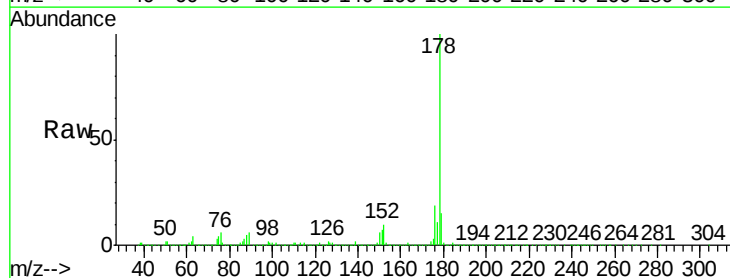
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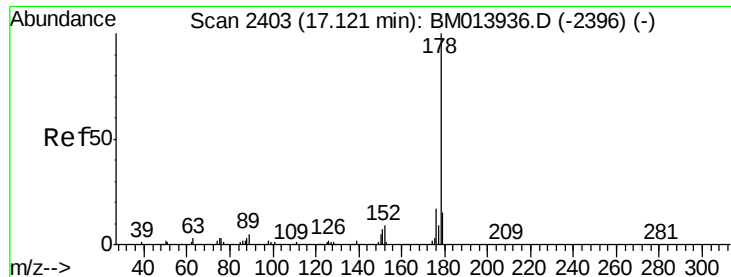
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#69
 Phenanthrene
 Concen: 64.058 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BM013952.D
 Acq: 29 Jan 2018 08:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.8	14.9	22.3





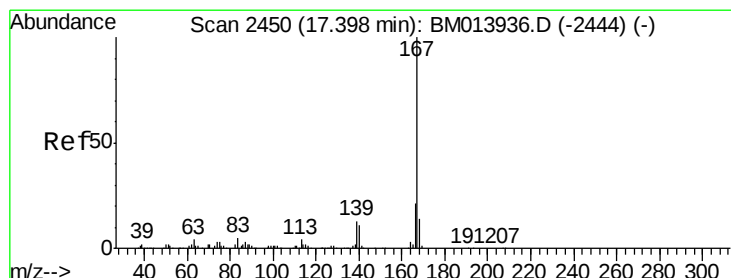
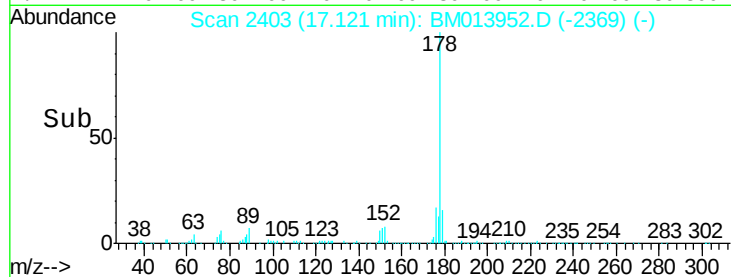
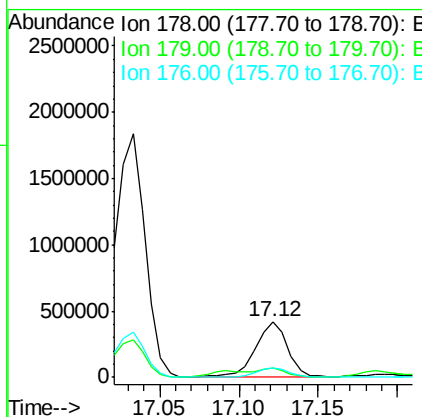
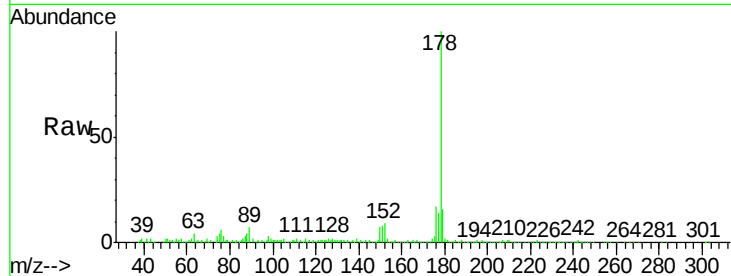
#71
 Anthracene
 Concen: 14.425 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BM013952.D
 Acq: 29 Jan 2018 08:58

Instrument :
 BNA_M
 ClientSampled :
 F6B28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	17.4	14.6	21.8

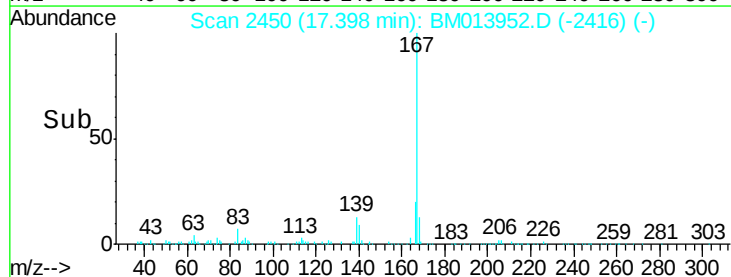
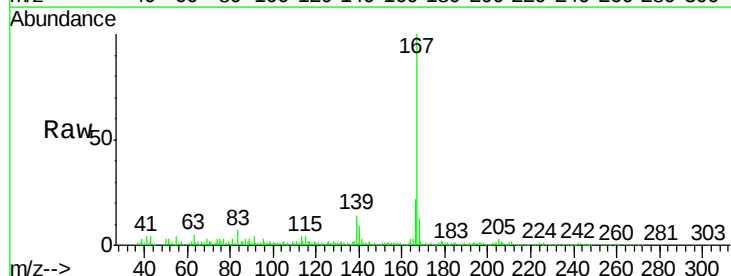
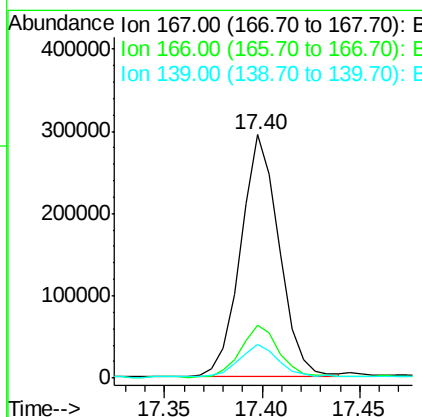
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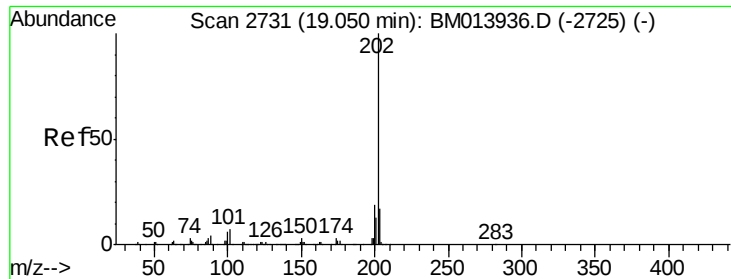
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#72
 Carbazole
 Concen: 12.217 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BM013952.D
 Acq: 29 Jan 2018 08:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.9	10.0	15.0





#74

Fluoranthene

Concen: 214.429 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

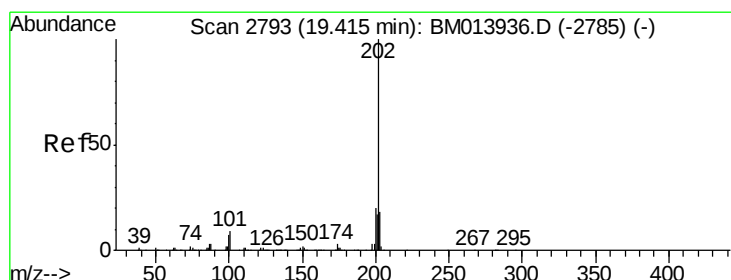
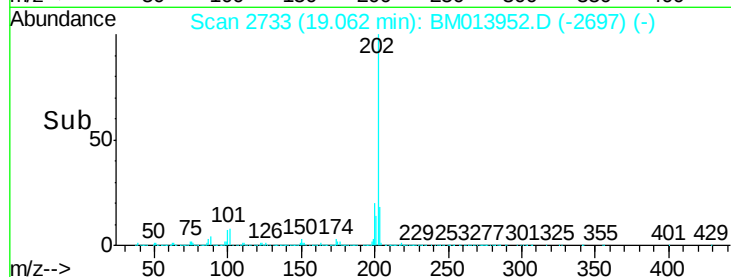
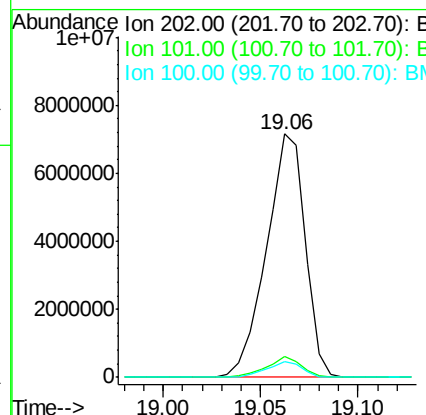
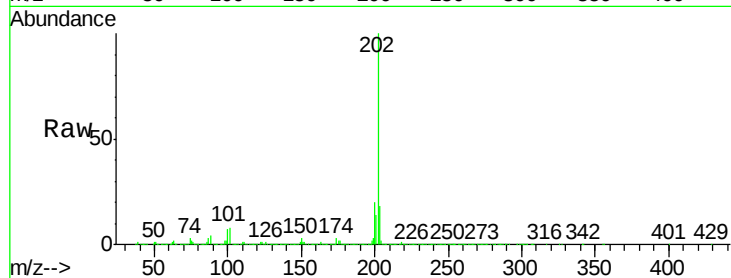
ClientSampleId :

F6B28

Tgt Ion:	202	Resp:	9846907
Ion Ratio	Lower	Upper	
202	100		
101	8.4	4.6	7.0#
100	6.7	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 186.035 ng/ul

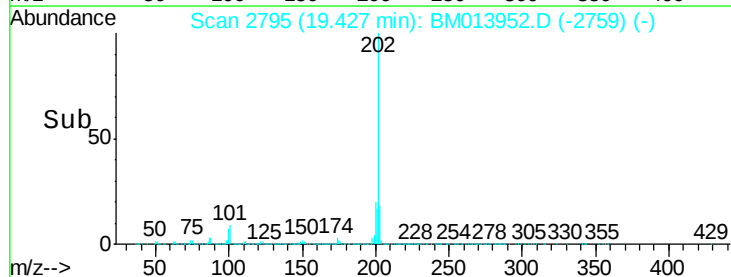
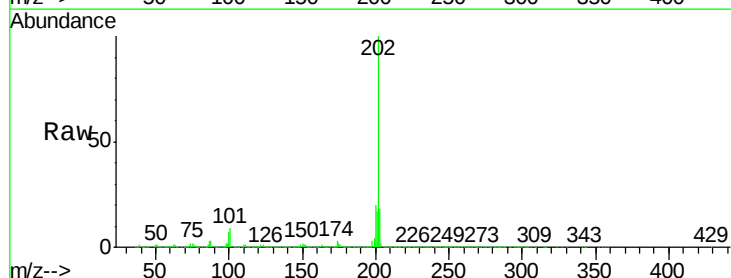
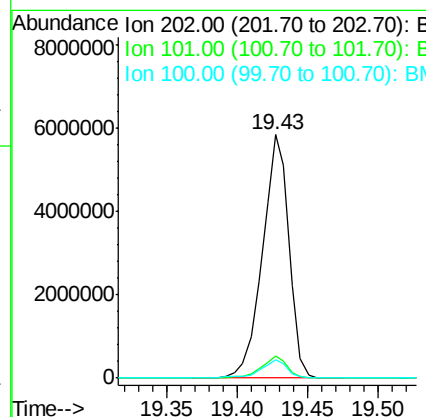
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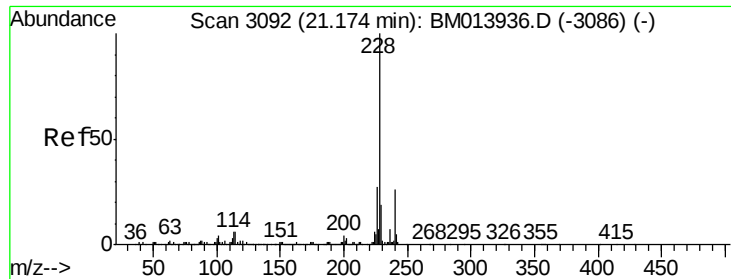
Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Tgt Ion:	202	Resp:	7689778
Ion Ratio	Lower	Upper	
202	100		
101	9.1	5.1	7.7#
100	7.4	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 29.530 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

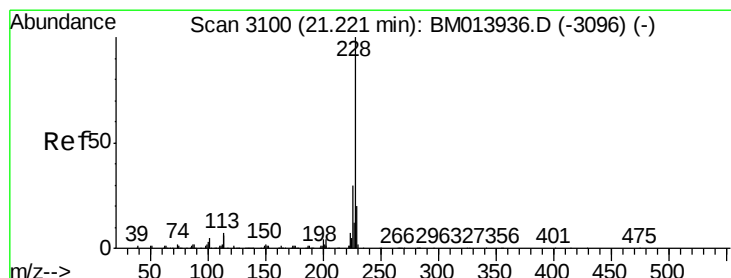
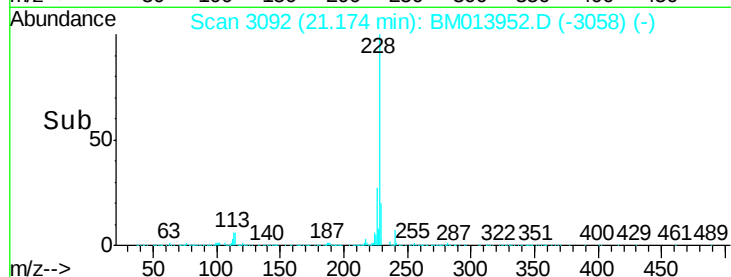
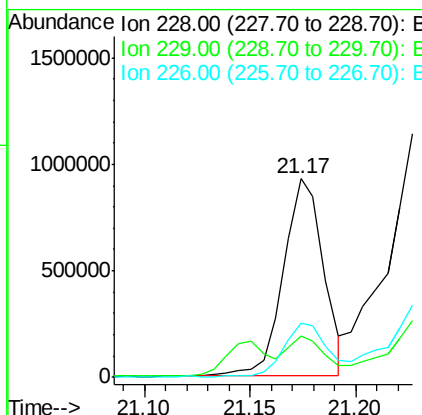
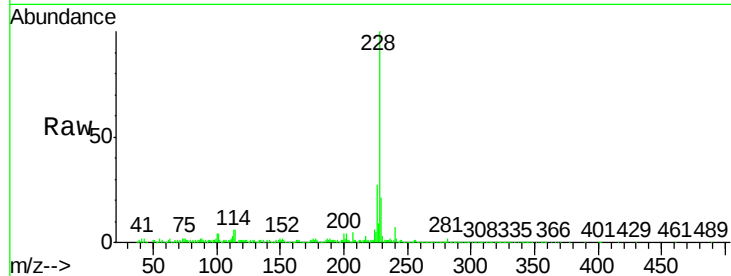
ClientSampled :

F6B28

Tgt Ion:	228	Resp:	1213247
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.0	21.4	32.0

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#82

Chrysene

Concen: 46.202 ng/ul

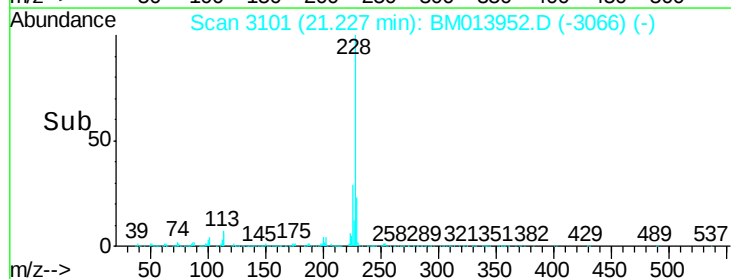
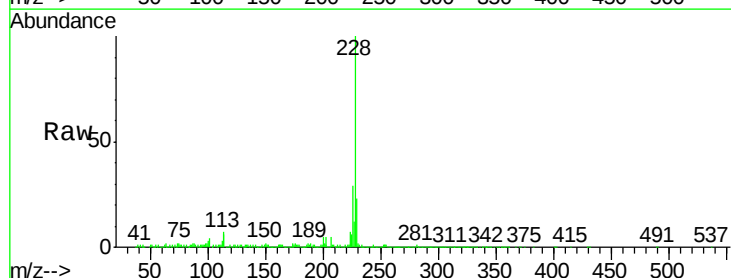
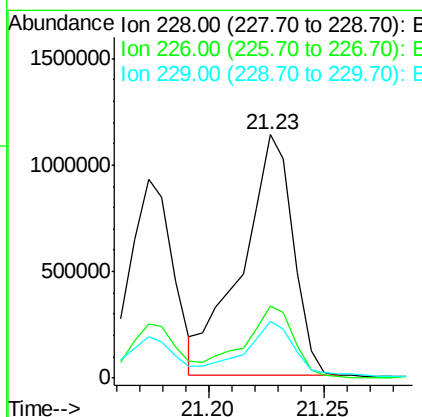
RT: 21.23 min Scan# 3101

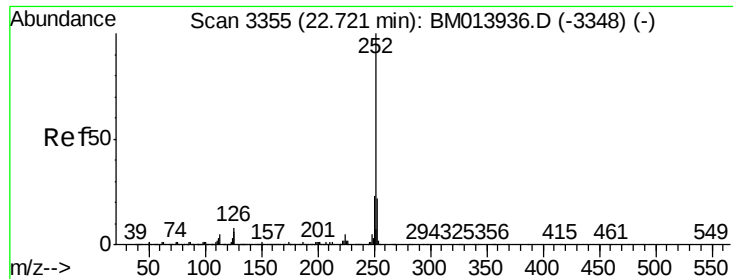
Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Tgt Ion:	228	Resp:	1741373
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	23.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 36.868 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

ClientSampleId :

F6B28

Tgt Ion:252 Resp: 1595038

Ion Ratio Lower Upper

252 100

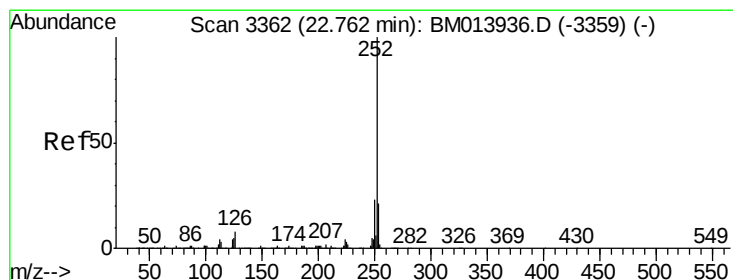
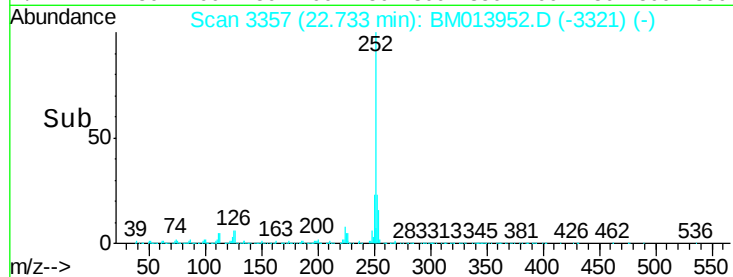
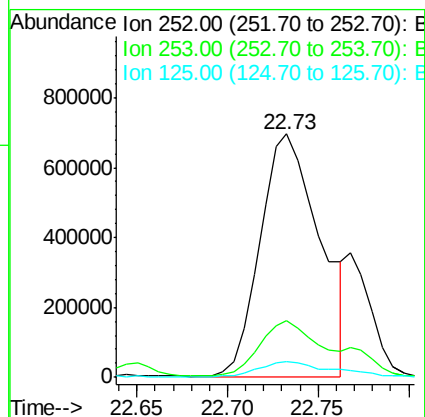
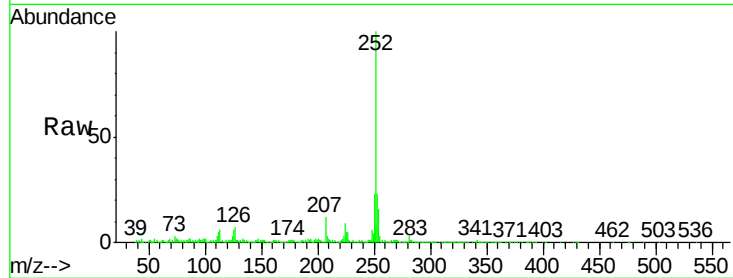
253 23.3 17.9 26.9

125 6.3 3.6 5.4#

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#86

Benzo(k)fluoranthene

Concen: 8.051 ng/ul m

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

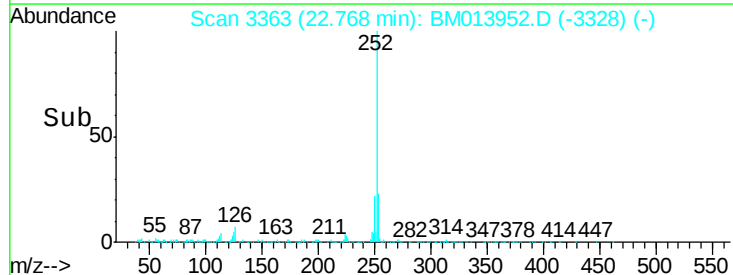
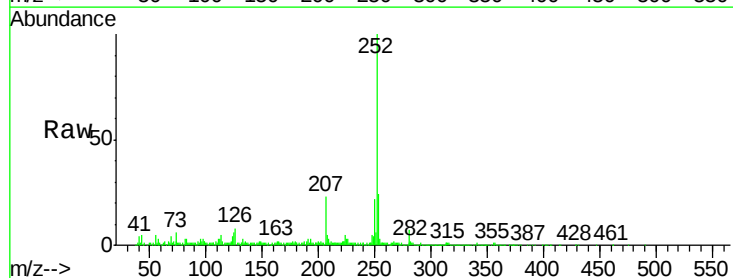
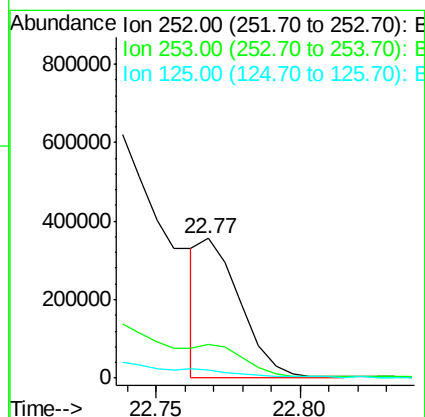
Tgt Ion:252 Resp: 336684

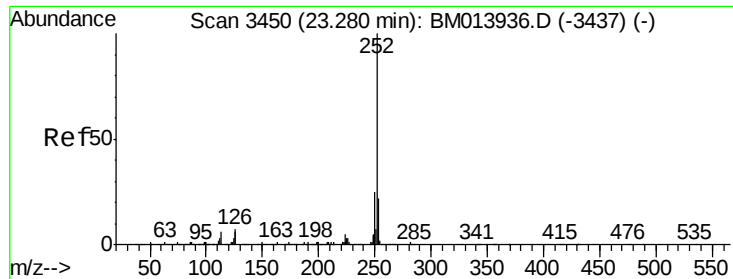
Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

125 6.0 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 13.797 ng/ul

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

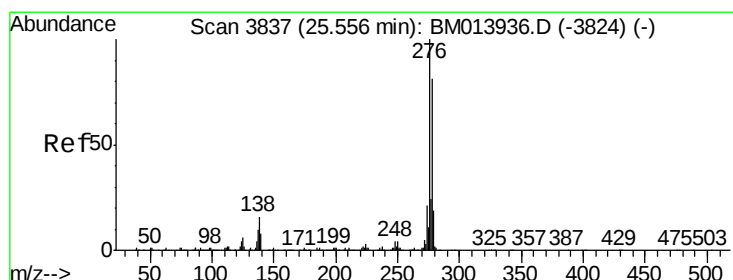
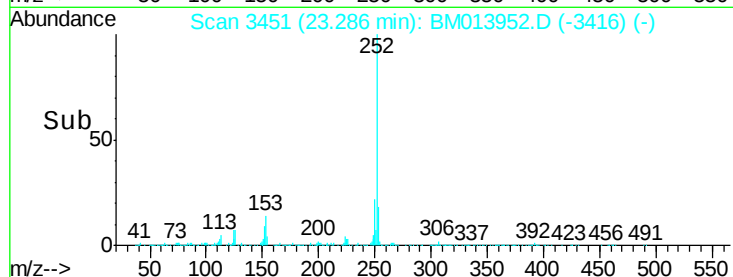
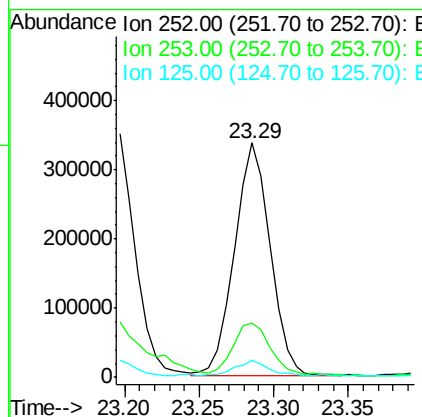
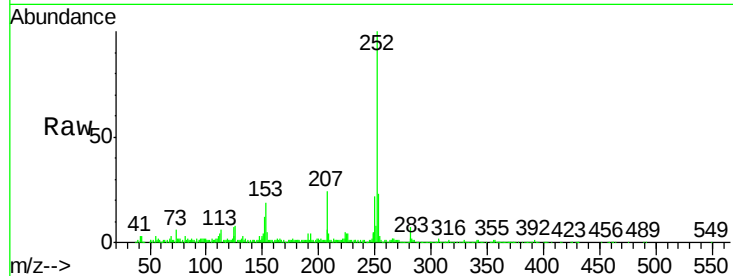
ClientSampleId :

F6B28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	563875		
253	23.0	18.2	27.2	
125	7.1	4.0	6.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.944 ng/ul

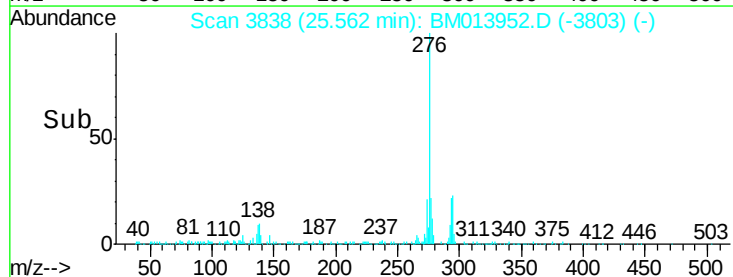
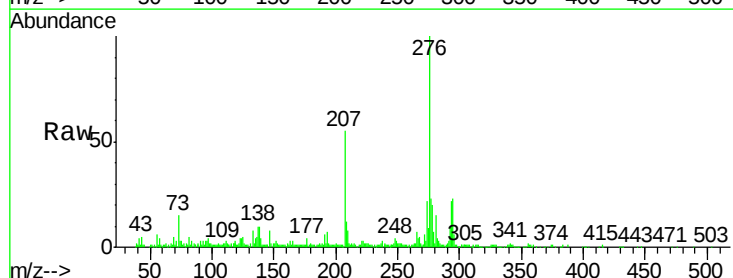
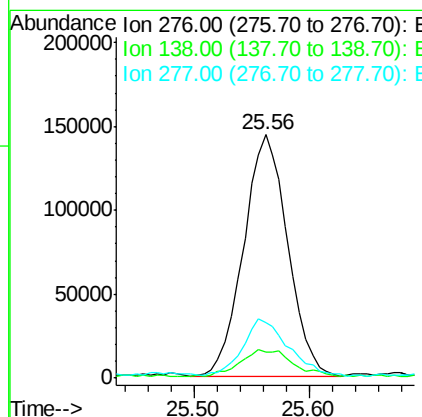
RT: 25.56 min Scan# 3838

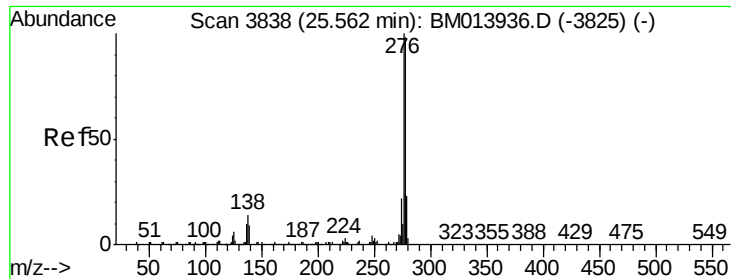
Delta R.T. 0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	383236		
138	10.4	9.3	13.9	
277	22.8	19.9	29.9	





#90

Dibenzo(a,h)anthracene

Concen: 2.434 ng/ul

RT: 25.56 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Instrument :

BNA_M

ClientSampleId :

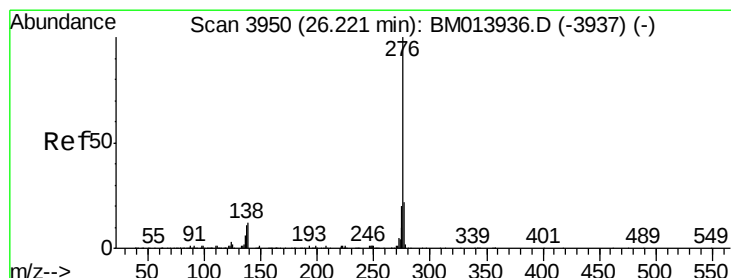
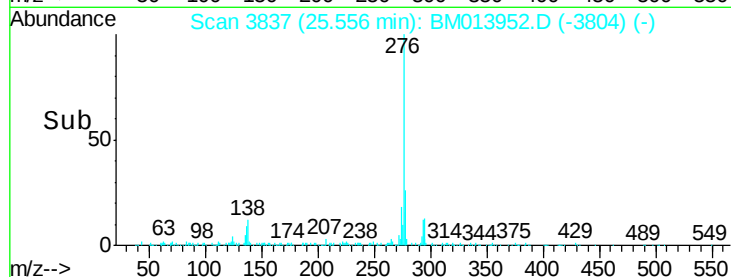
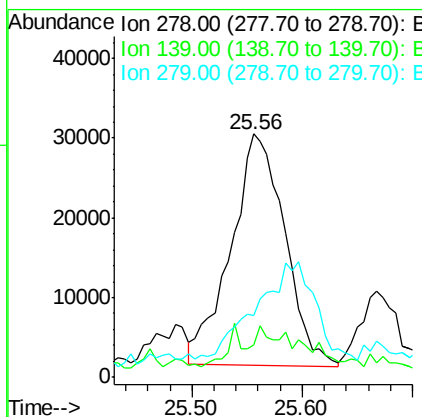
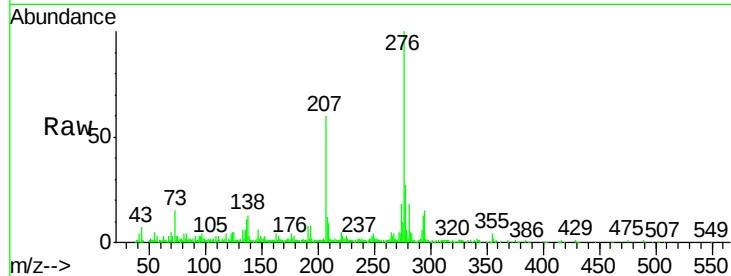
F6B28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	5.8	8.8#
279	25.4	18.6	27.8

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 7.242 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. 0.02 min

Lab File: BM013952.D

Acq: 29 Jan 2018 08:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.3	8.5	12.7
277	20.5	18.6	28.0

