

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012761.D
 Acq On : 06 Nov 2017 04:35
 Operator : SJ/JU
 Sample : I5825-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117

Manual Integrations
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 11/6/2017 4:28:59 PM

Quant Time: Nov 06 07:46:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	113290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	483387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	322610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	779606	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	666812	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	698432	20.00	ng/ul	0.02

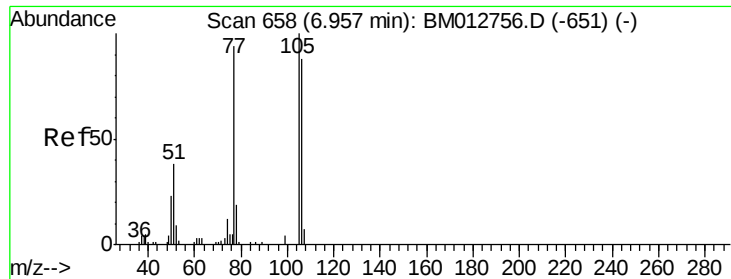
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	10217	4.87	ng/uL	0.00
5) Phenol-d5	6.99	99	283167	33.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	148460	32.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	231091	32.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	260564	35.81	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	121637	34.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	123506	30.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	267861	31.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	179004	22.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	927923	34.76	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1183660	35.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	4859	1.14	ng/ul	0.02
57) Fluorene-d10	15.44	176	871437	38.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	1363	0.26	ng/ul	0.01
70) Anthracene-d10	17.30	188	1378205	36.59	ng/ul	0.00
78) Pyrene-d10	19.59	212	1349573	43.62	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	1237328	37.47	ng/ul	0.02

Target Compounds

					Qvalue	
4) Benzaldehyde	6.96	77	6513	1.453	ng/ul#	89
6) Phenol	7.02	94	49557	5.727	ng/ul	98
44) Dimethylphthalate	13.90	163	467727	17.656	ng/ul	99
47) Acenaphthylene	14.17	152	46071	1.439	ng/ul	97
69) Phenanthrene	17.24	178	475958	11.170	ng/ul	100
71) Anthracene	17.33	178	90496	2.048	ng/ul	99
74) Carbazole	17.60	167	52245	1.418	ng/ul	98
75) Di-n-butylphthalate	18.16	149	163343	3.783	ng/ul	99
76) Fluoranthene	19.26	202	999588m	19.521	ng/ul	
79) Pyrene	19.62	202	854404	21.476	ng/ul#	92
82) Benzo(a)anthracene	21.37	228	393683	9.757	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.29	149	829476	39.246	ng/ul#	94
84) Chrysene	21.42	228	453669m	12.406	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	684477	16.037	ng/ul#	91
88) Benzo(k)fluoranthene	23.03	252	246531m	6.077	ng/ul	
90) Benzo(a)pyrene	23.58	252	437026	10.761	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	26.01	276	387680	7.920	ng/ul#	86
92) Dibenzo(a,h)anthracene	26.01	278	96667	2.333	ng/ul#	66
93) Benzo(g,h,i)perylene	26.73	276	363765	9.019	ng/ul#	91

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



#4

Benzaldehyde

Concen: 1.453 ng/ul

RT: 6.96 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM012761.D

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BNA_M

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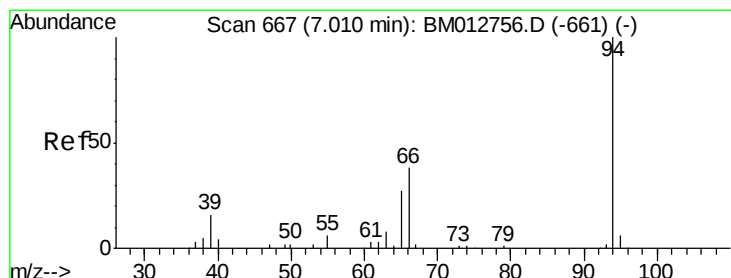
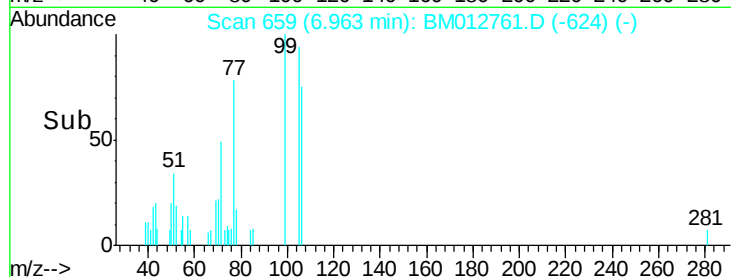
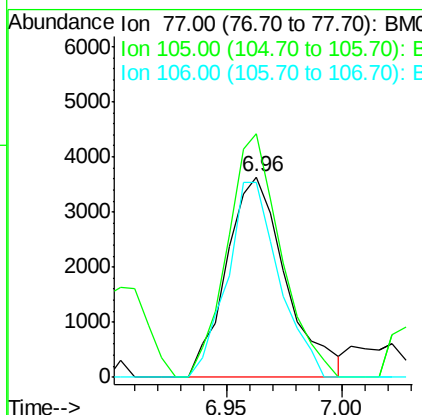
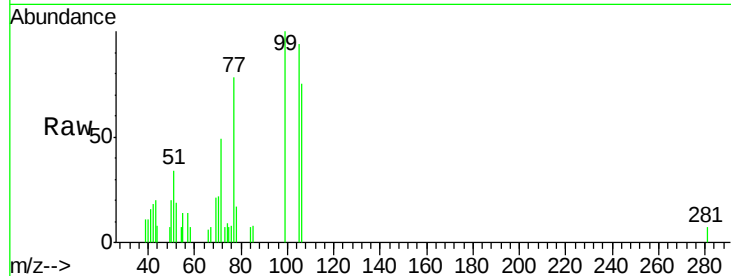
B-19(0-1)-101117

Tgt Ion: 77 Resp: 6513

Ion	Ratio	Lower	Upper
77	100		
105	121.6	80.6	120.8#
106	97.1	77.7	116.5

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#6

Phenol

Concen: 5.727 ng/ul

RT: 7.02 min Scan# 668

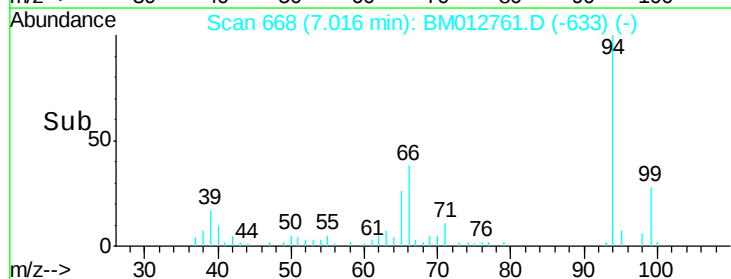
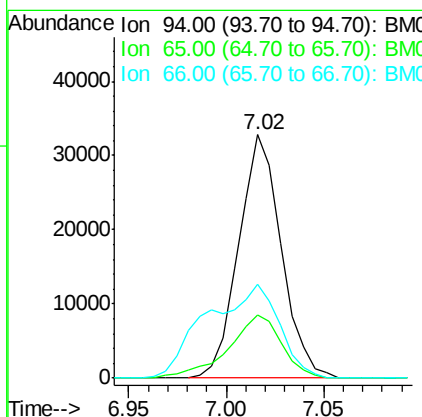
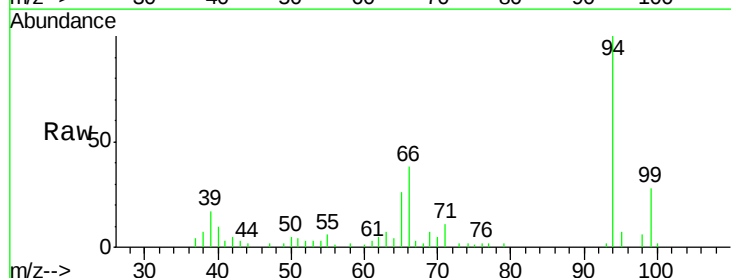
Delta R.T. 0.01 min

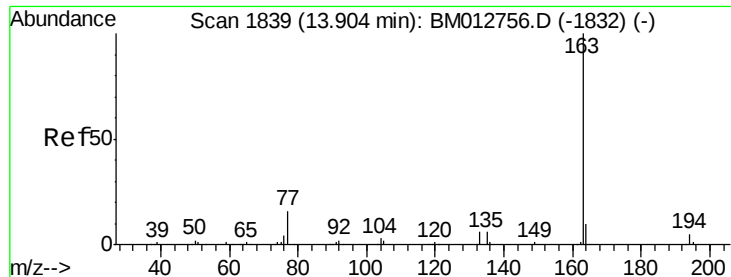
Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Tgt Ion: 94 Resp: 49557

Ion	Ratio	Lower	Upper
94	100		
65	26.0	21.0	31.6
66	38.4	29.3	43.9





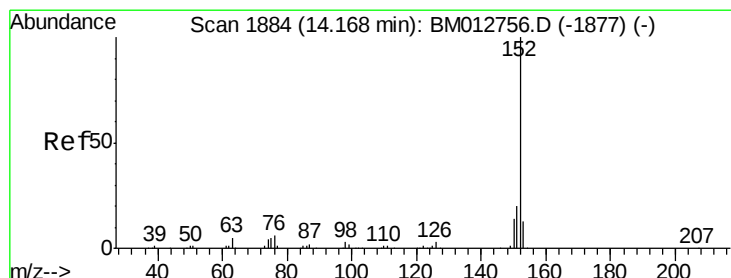
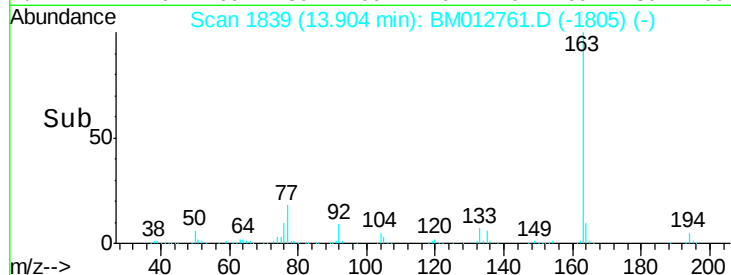
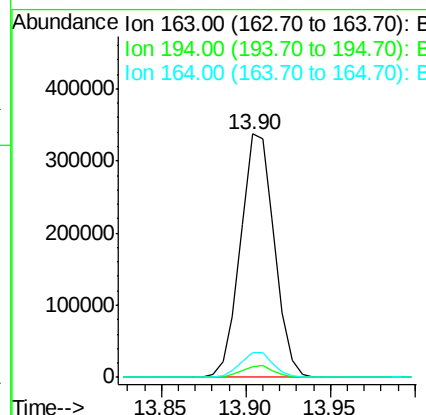
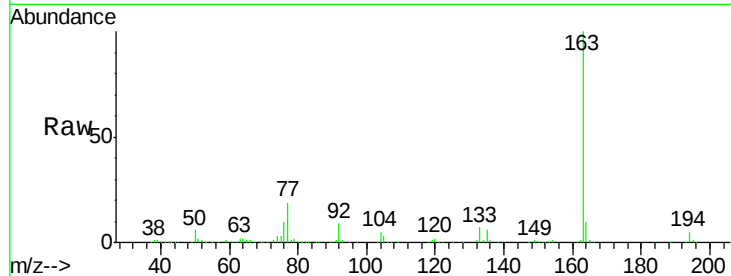
#44
Dimethylphthalate
Concen: 17.656 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BM012761.D
Acq: 06 Nov 2017 04:35

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BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	467727		
194	4.5	3.2	4.8	
164	10.2	7.8	11.8	

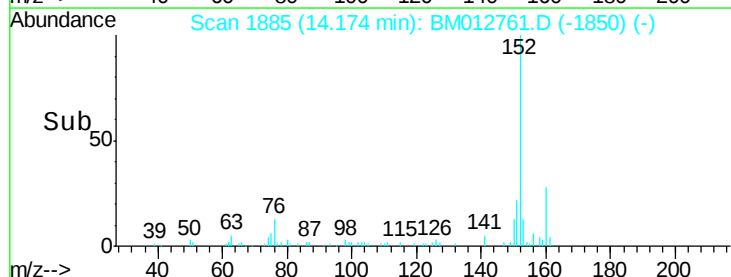
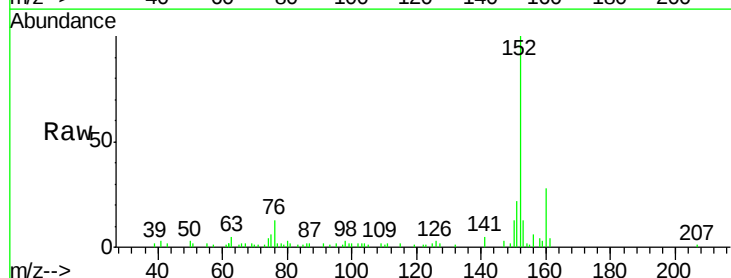
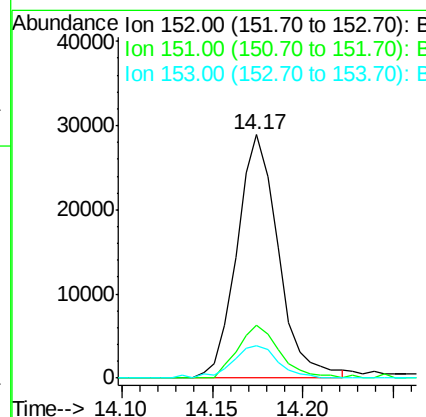
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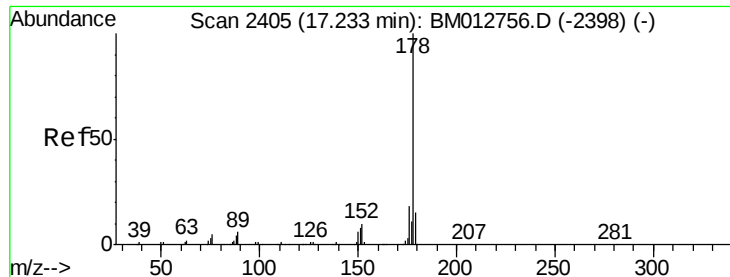
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#47
Acenaphthylene
Concen: 1.439 ng/ul
RT: 14.17 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BM012761.D
Acq: 06 Nov 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	46071		
151	22.0	15.7	23.5	
153	13.1	10.5	15.7	





#69

Phenanthrene

Concen: 11.170 ng/ul

RT: 17.24 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Instrument :

BNA_M

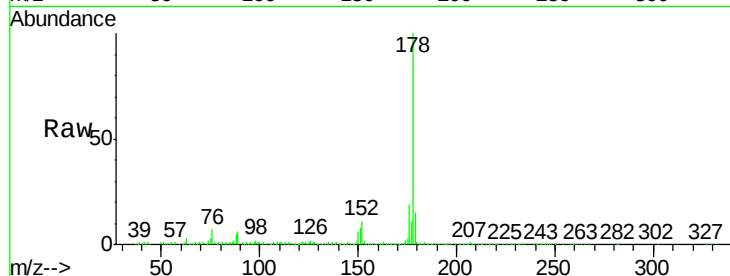
ClientSampleId :

B-19(0-1)-101117

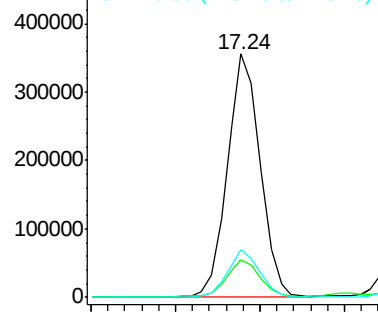
Tgt Ion:	178	Resp:	475958
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	19.4	15.6	23.4

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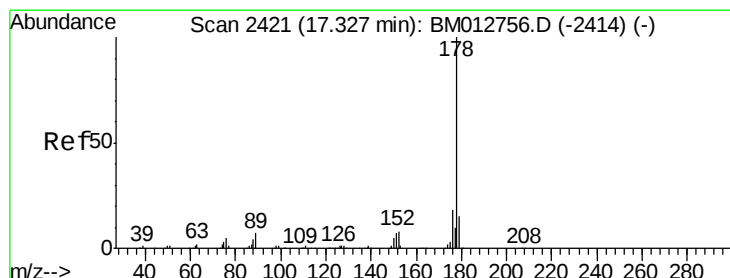
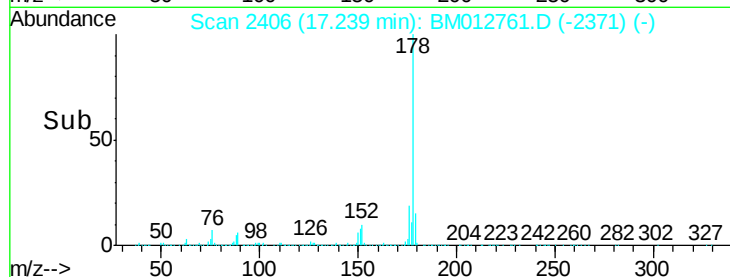
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.15 17.20 17.25 17.30



#71

Anthracene

Concen: 2.048 ng/ul

RT: 17.33 min Scan# 2422

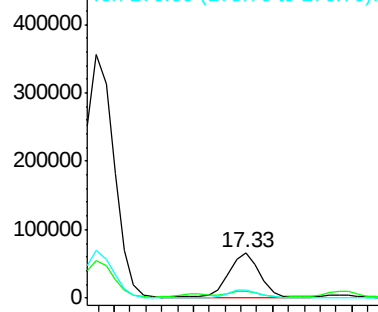
Delta R.T. 0.01 min

Lab File: BM012761.D

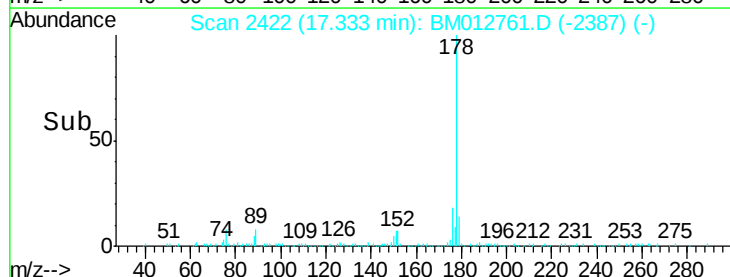
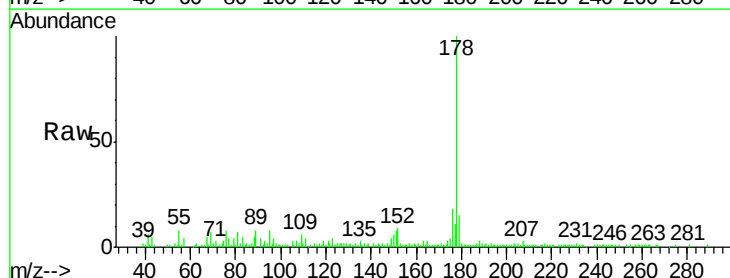
Acq: 06 Nov 2017 04:35

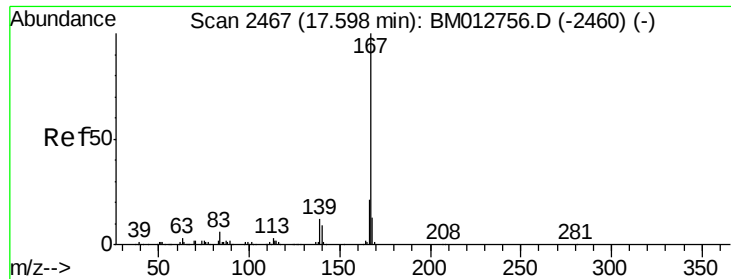
Tgt Ion:	178	Resp:	90496
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.1	18.1
176	18.2	14.8	22.2

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



Time--> 17.25 17.30 17.35 17.40





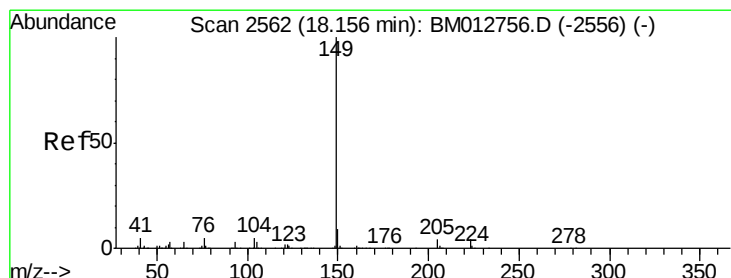
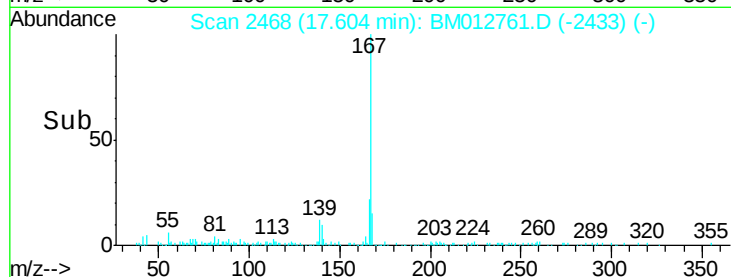
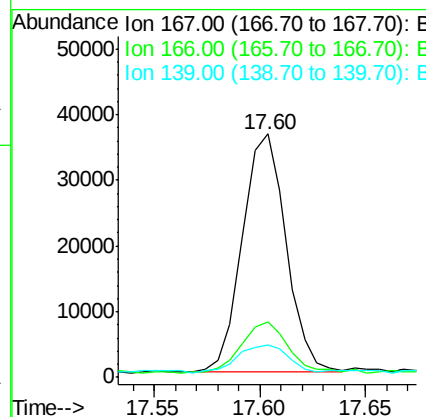
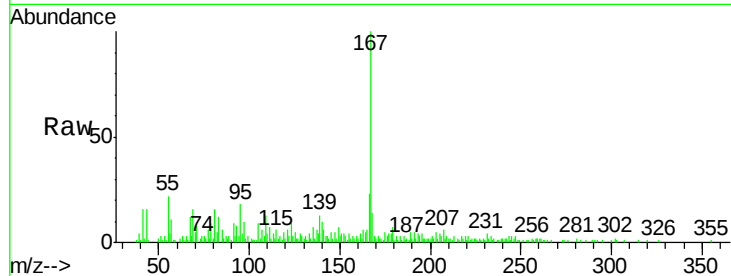
#74
 Carbazole
 Concen: 1.418 ng/ul
 RT: 17.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BM012761.D
 Acq: 06 Nov 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117

Tgt Ion:	167	Resp:	52245
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.0	25.6
139	13.4	11.0	16.4

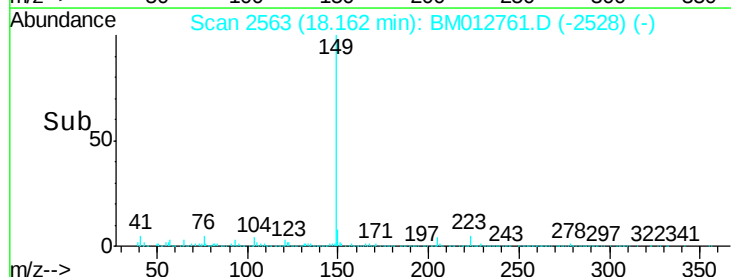
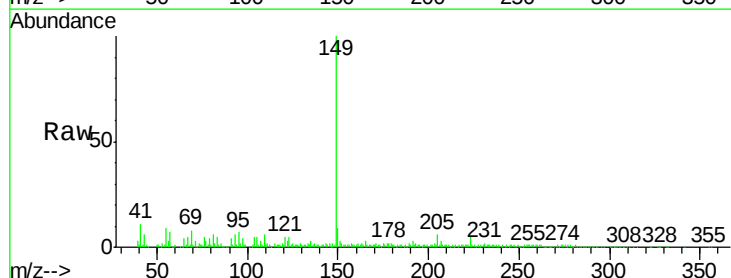
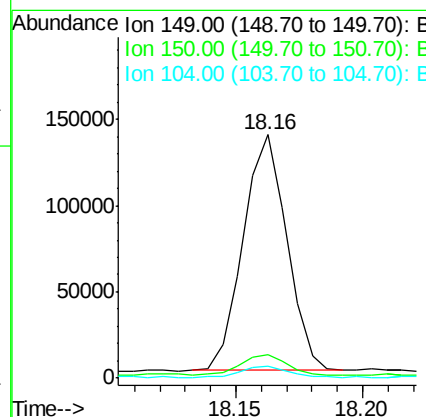
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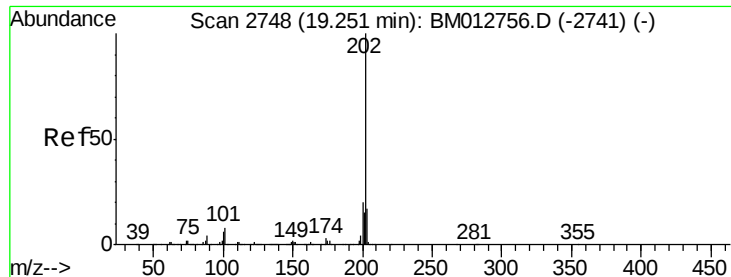
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#75
 Di-n-butylphthalate
 Concen: 3.783 ng/ul
 RT: 18.16 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BM012761.D
 Acq: 06 Nov 2017 04:35

Tgt Ion:	149	Resp:	163343
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.0
104	4.7	4.0	6.0





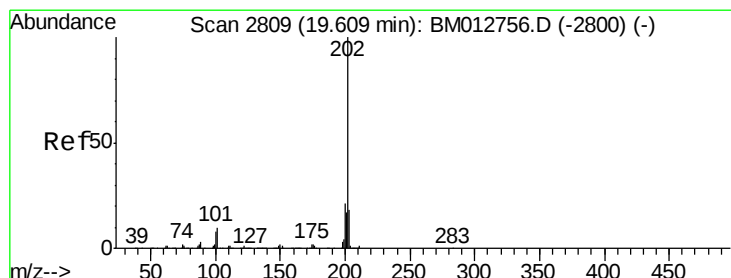
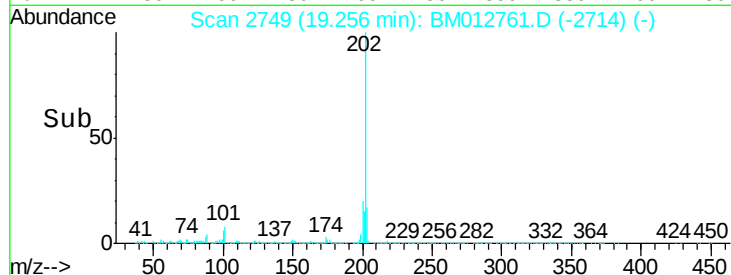
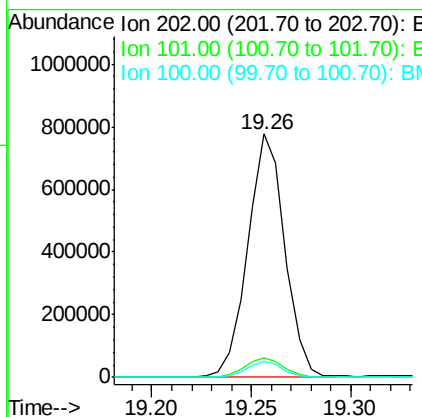
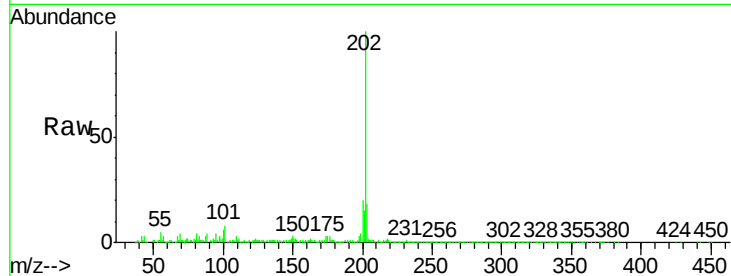
#76
Fluoranthene
Concen: 19.521 ng/ul m
RT: 19.26 min Scan# 2749
Delta R.T. 0.01 min
Lab File: BM012761.D
Acq: 06 Nov 2017 04:35

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.0	8.8	13.2#
100	6.5	6.6	9.8#

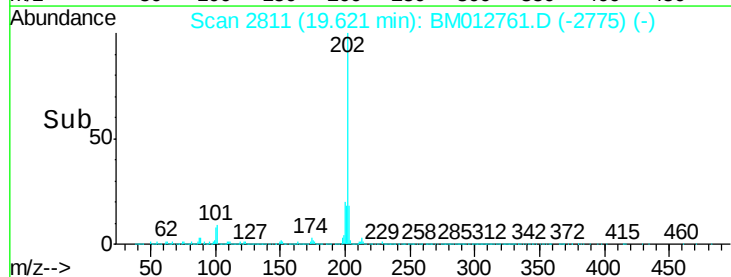
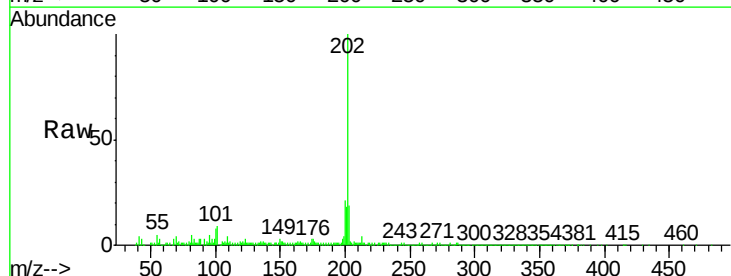
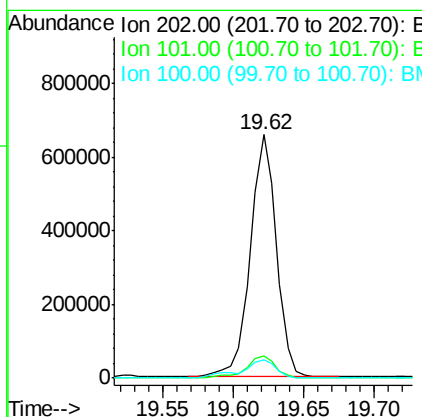
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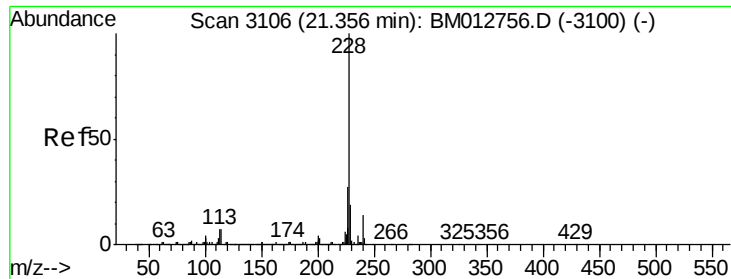
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#79
Pyrene
Concen: 21.476 ng/ul
RT: 19.62 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM012761.D
Acq: 06 Nov 2017 04:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.4	10.2	15.2#
100	7.8	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 9.757 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Instrument :

BNA_M

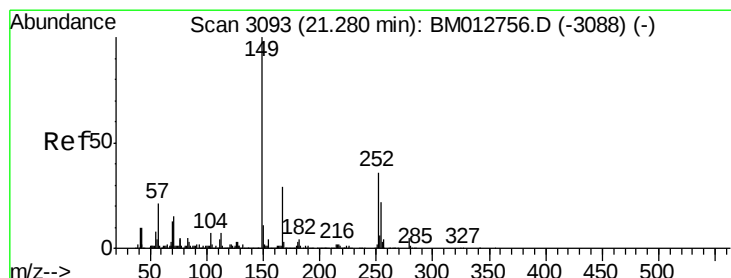
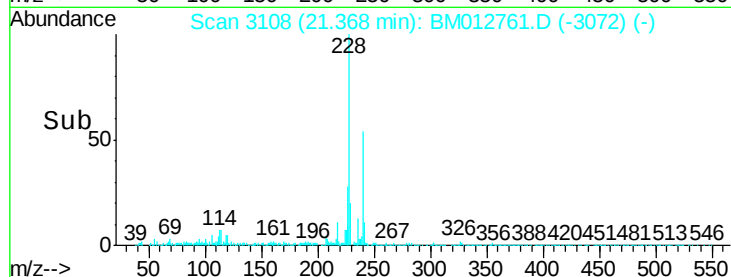
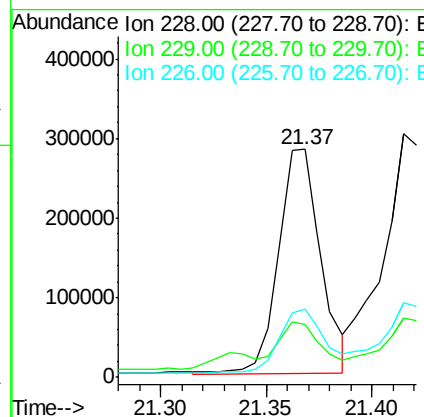
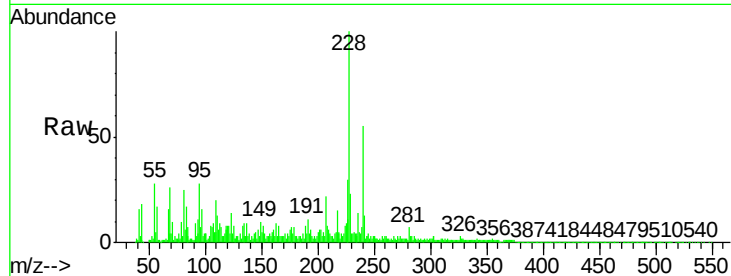
ClientSampleId :

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Tgt Ion:	228	Resp:	393683
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.7	23.5
226	29.8	21.8	32.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 39.246 ng/ul

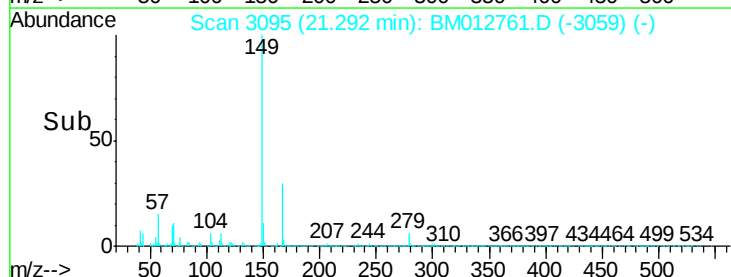
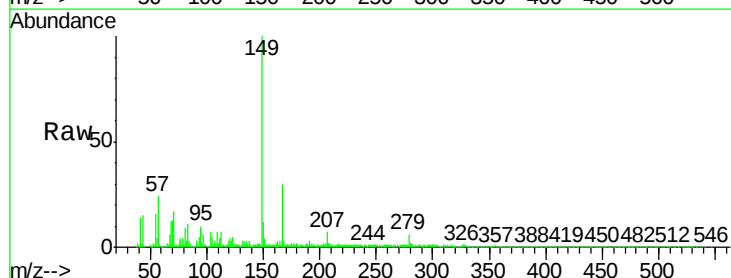
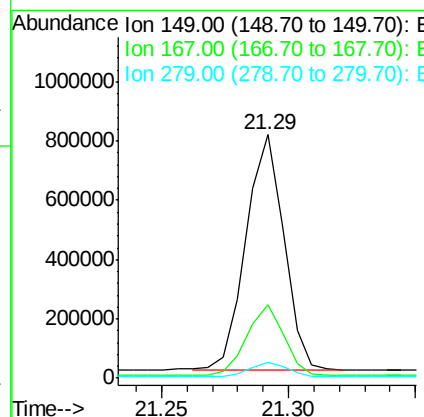
RT: 21.29 min Scan# 3095

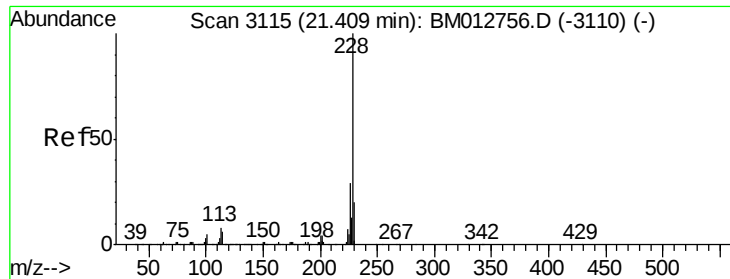
Delta R.T. 0.01 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Tgt Ion:	149	Resp:	829476
Ion Ratio	Lower	Upper	
149	100		
167	29.9	21.6	32.4
279	6.4	3.0	4.4#





#84

Chrysene

Concen: 12.406 ng/ul m

RT: 21.42 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Instrument :

BNA_M

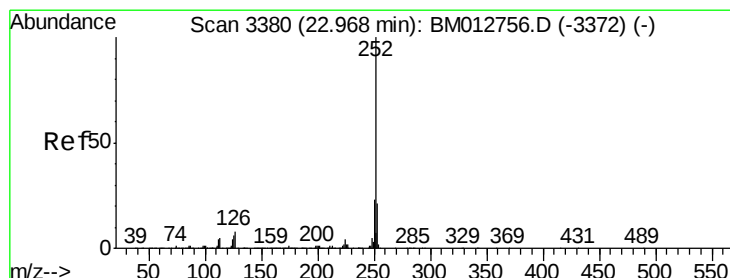
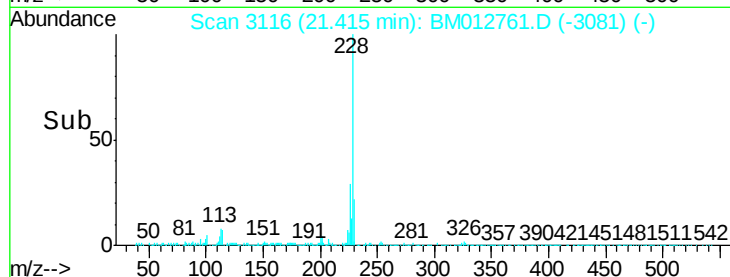
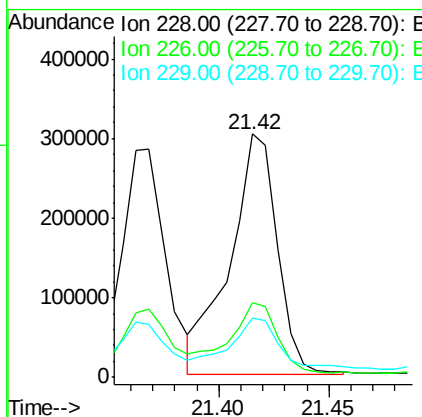
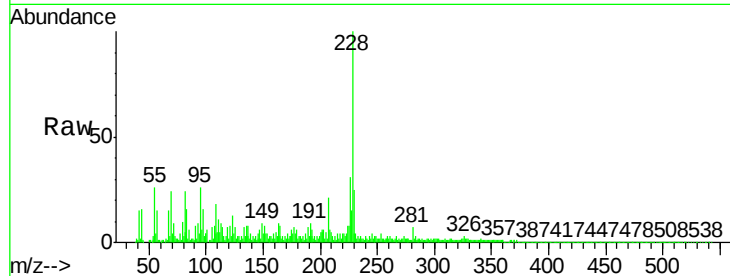
ClientSampleId :

B-19(0-1)-101117

Tgt Ion:	228	Resp:	453669
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	24.6	15.6	23.4#

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#87

Benzo(b)fluoranthene

Concen: 16.037 ng/ul

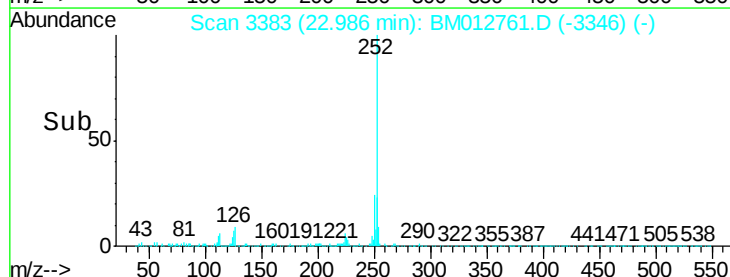
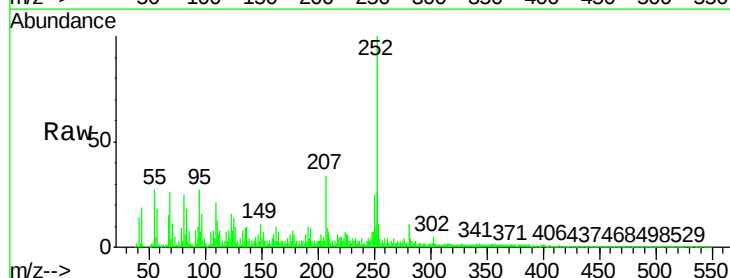
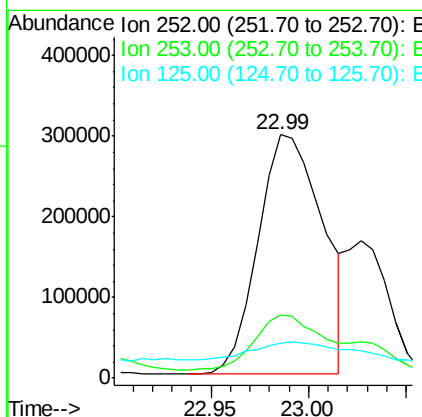
RT: 22.99 min Scan# 3383

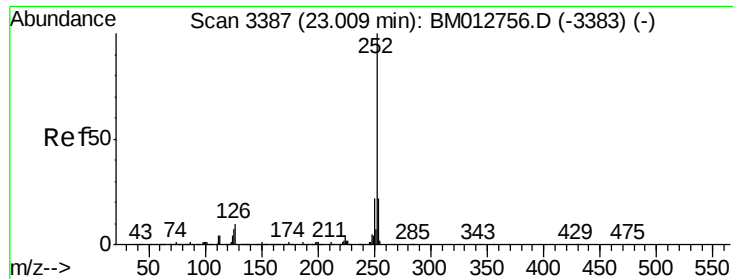
Delta R.T. 0.02 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Tgt Ion:	252	Resp:	684477
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.5	26.3
125	14.3	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 6.077 ng/ul m

RT: 23.03 min Scan# 3390

Delta R.T. 0.02 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Instrument :

BNA_M

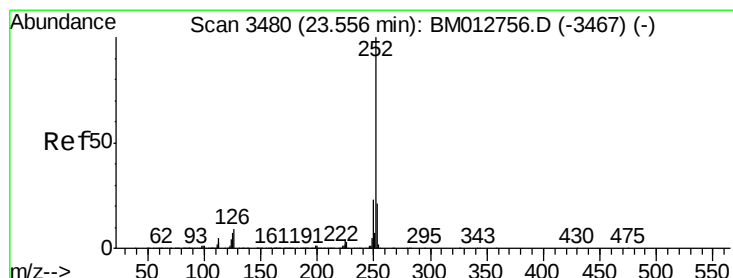
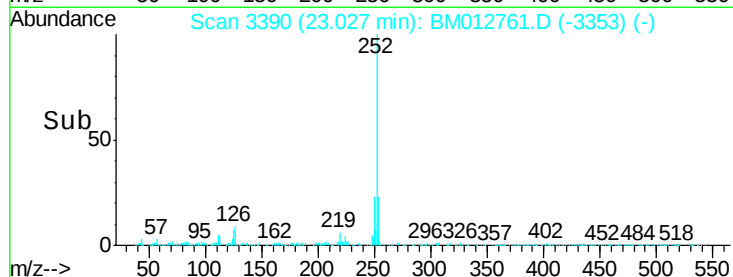
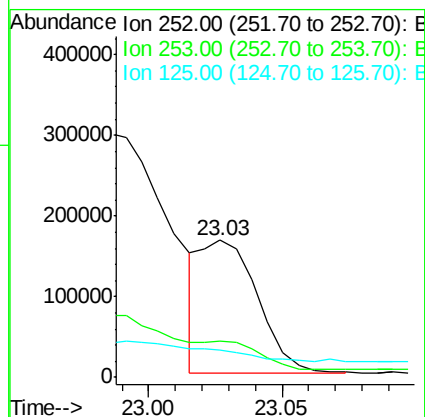
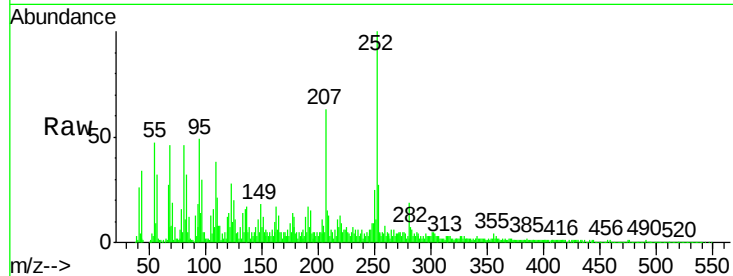
ClientSampleId :

B-19(0-1)-101117

Tgt Ion:	252	Resp:	246531
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.3	25.9#
125	19.5	8.2	12.2#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 10.761 ng/ul

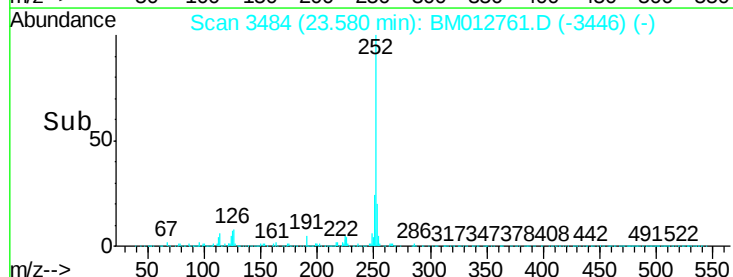
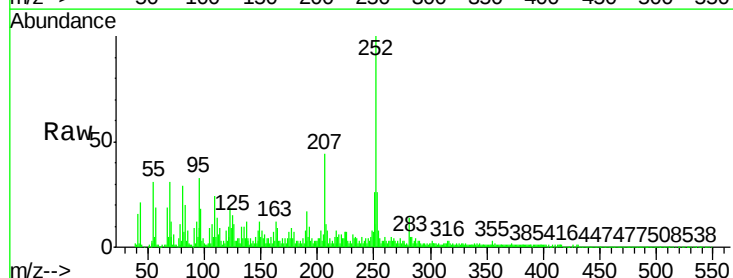
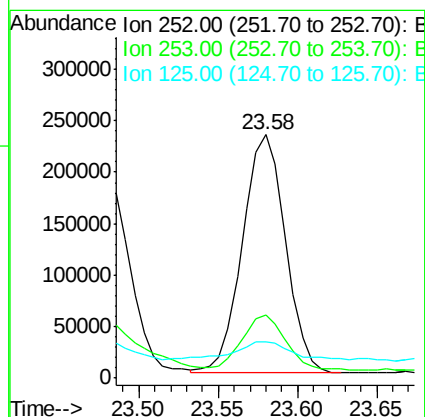
RT: 23.58 min Scan# 3484

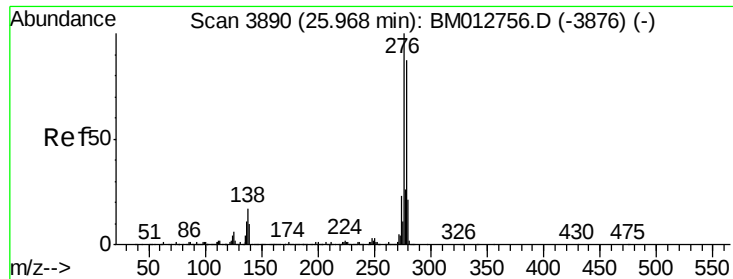
Delta R.T. 0.02 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Tgt Ion:	252	Resp:	437026
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.2	25.8#
125	15.2	9.0	13.6#





#91

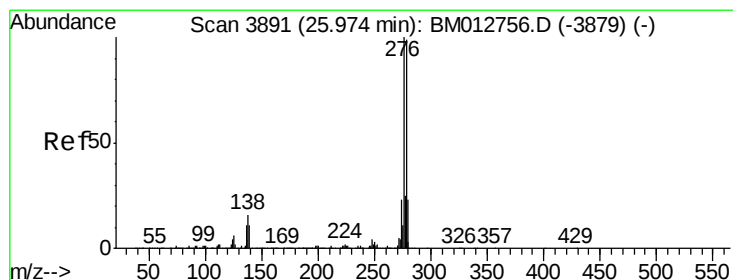
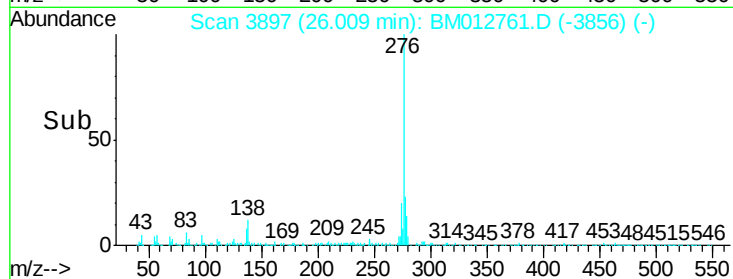
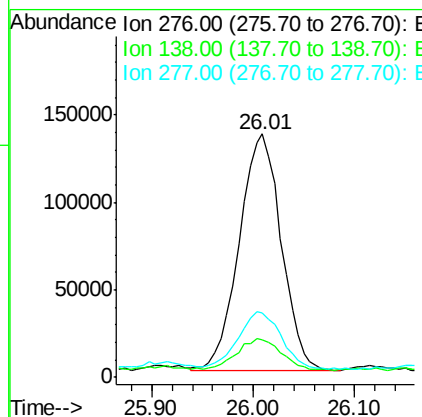
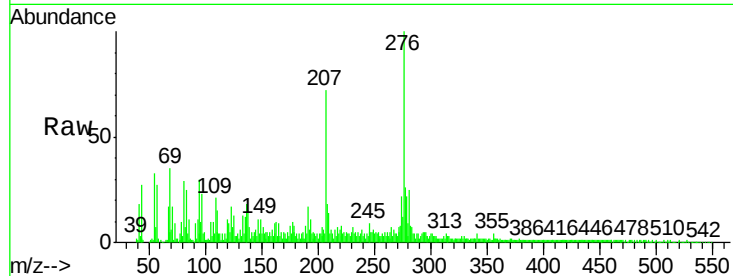
Indeno(1,2,3-cd)pyrene
Concen: 7.920 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. 0.04 min
Lab File: BM012761.D
Acq: 06 Nov 2017 04:35

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	387680		
138	15.2	22.3	33.5#	
277	26.2	20.2	30.2	

Manual Integrations
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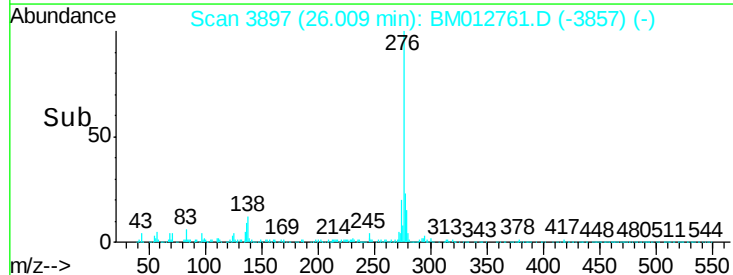
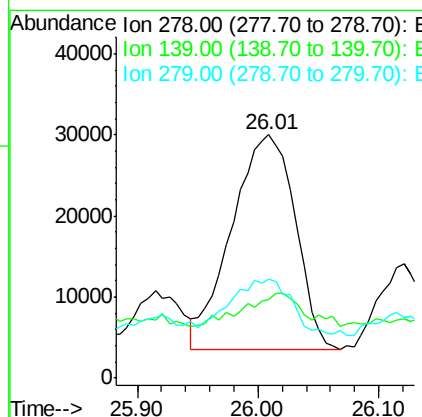
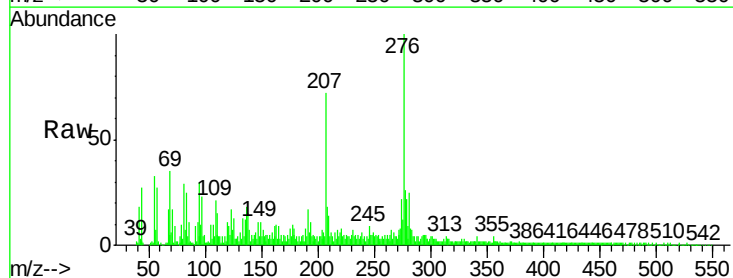
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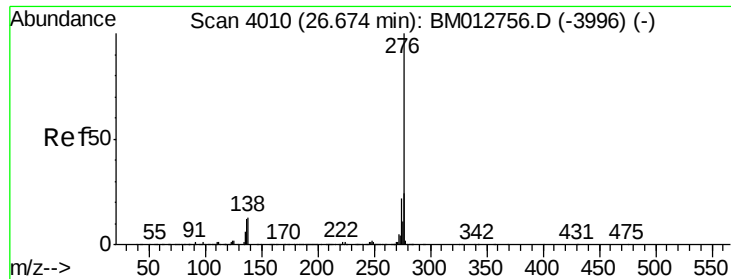


#92

Dibenzo(a,h)anthracene
Concen: 2.333 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. 0.04 min
Lab File: BM012761.D
Acq: 06 Nov 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	96667		
139	32.4	13.9	20.9#	
279	40.4	19.0	28.4#	





#93

Benzo(g,h,i)perylene

Concen: 9.019 ng/ul

RT: 26.73 min Scan# 4019

Delta R.T. 0.05 min

Lab File: BM012761.D

Acq: 06 Nov 2017 04:35

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117

Tgt Ion:	276	Resp:	363765
Ion Ratio	Lower	Upper	
276	100		
138	16.6	18.9	28.3#
277	26.2	19.2	28.8

Manual Integrations
APPROVED

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11/6/2017 4:28:59 PM

