

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012156.D
 Acq On : 14 Oct 2017 04:27
 Operator : SJ/JU
 Sample : I5649-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-59(FILL)-100317

Manual Integrations
 APPROVED

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 6/22/2018 5:57:55 PM

Quant Time: Jun 22 17:47:59 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 05:07:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	231023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1000113	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	587954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1251153	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1020988	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1048724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	6792	1.40	ng/uL	0.00
5) Phenol-d5	6.99	99	471293	25.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	286162	25.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	412121	25.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	425845	26.39	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	205708	26.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	250024	28.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	449115	26.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	477034	29.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1482485	28.53	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1789976	28.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	163878	20.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	1205887	28.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	197858	23.04	ng/ul	0.00
70) Anthracene-d10	17.32	188	1734084	28.03	ng/ul	0.00
76) Pyrene-d10	19.62	212	1702176	32.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1444334	28.57	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.93	163	165887m	3.186	ng/ul
69) Phenanthrene	17.26	178	106856	1.501	ng/ul 98
74) Fluoranthene	19.28	202	267335	3.112	ng/ul# 94
77) Pyrene	19.64	202	253900	3.766	ng/ul# 92
80) Benzo(a)anthracene	21.39	228	137360	2.068	ng/ul 95
82) Chrysene	21.43	228	136396	2.187	ng/ul 95
85) Benzo(b)fluoranthene	23.02	252	207772	3.036	ng/ul# 91
88) Benzo(a)pyrene	23.61	252	134225	2.081	ng/ul# 90
89) Indeno(1,2,3-cd)pyrene	26.08	276	103103	1.505	ng/ul# 92
91) Benzo(g,h,i)perylene	26.81	276	85769	1.529	ng/ul# 85

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

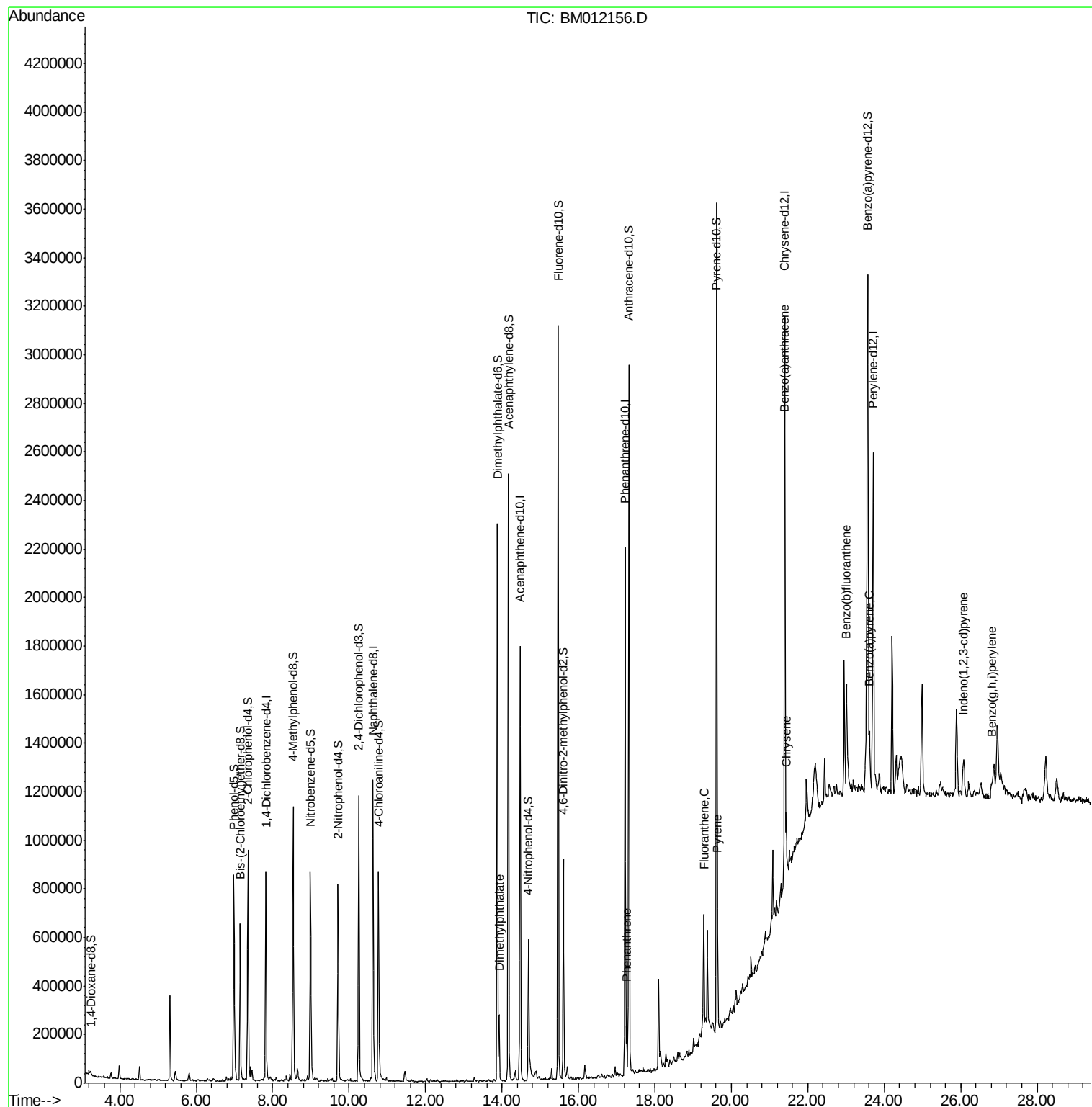
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012156.D
Acq On : 14 Oct 2017 04:27
Operator : SJ/JU
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ALS Vial : 13 Sample Multiplier: 1

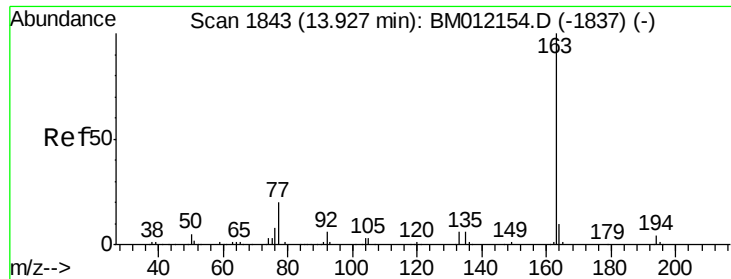
Instrument :
BNA_M
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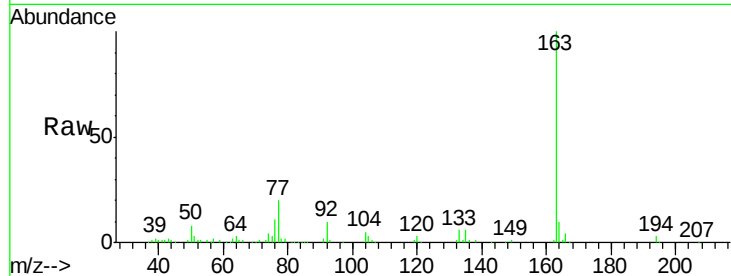
#44
Dimethylphthalate
Concen: 3.186 ng/ul m
RT: 13.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM012156.D
Acq: 14 Oct 2017 04:27

Instrument :
BNA_M
ClientSampleId :
B-59(FILL)-100317

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	165887		
194	3.3	3.5	5.3#	
164	9.5	8.2	12.4	

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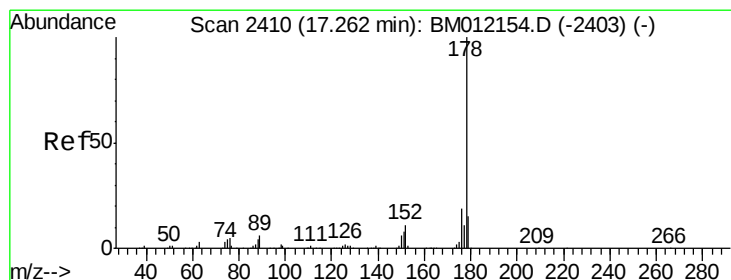
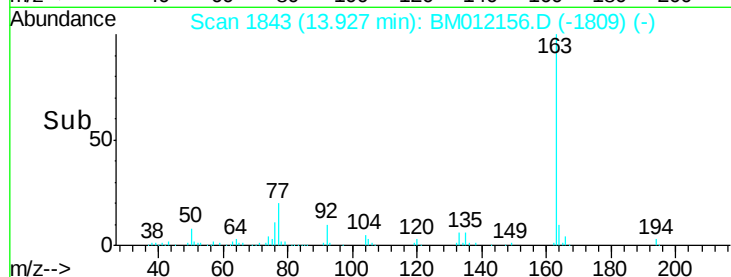
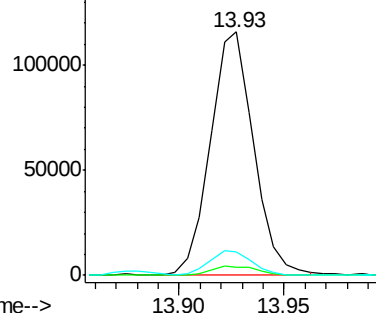


Abundance

Ion 163.00 (162.70 to 163.70): E

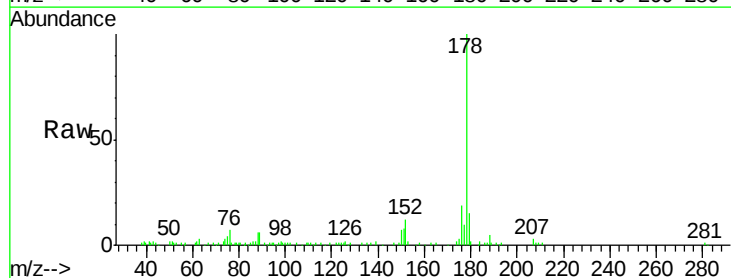
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 1.501 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BM012156.D
Acq: 14 Oct 2017 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	106856		
179	14.8	12.6	19.0	
176	19.2	14.9	22.3	

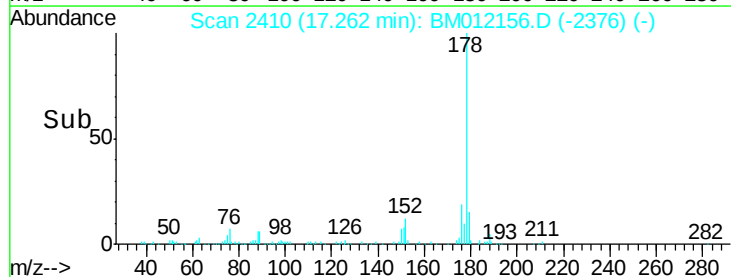
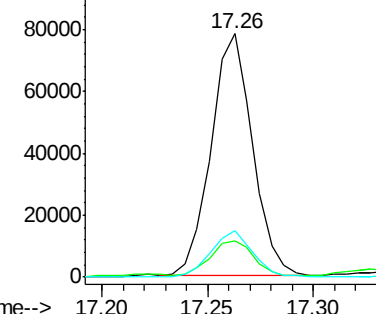


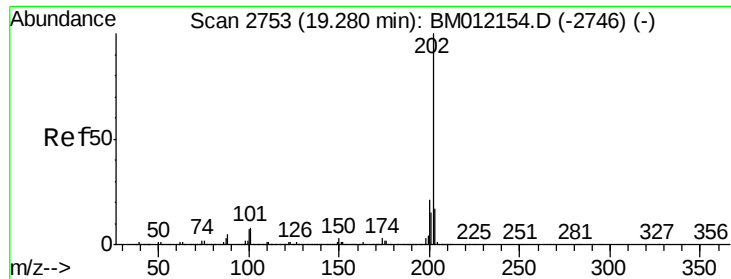
Abundance

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





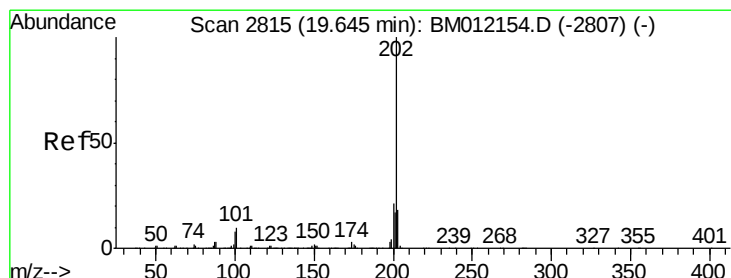
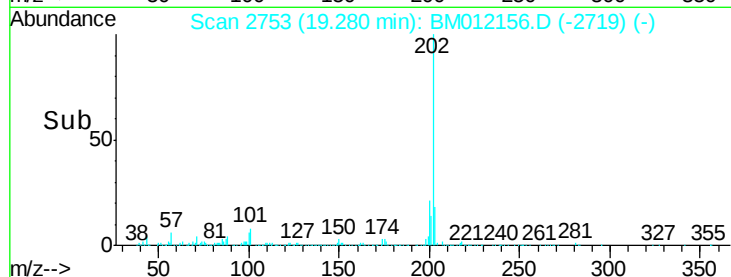
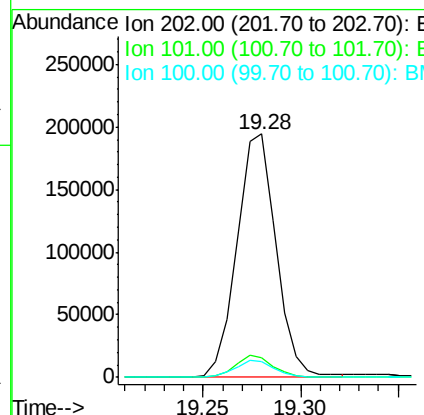
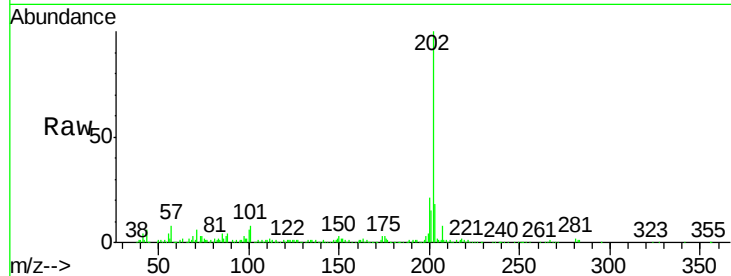
#74
 Fluoranthene
 Concen: 3.112 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: BM012156.D
 Acq: 14 Oct 2017 04:27

Instrument :
 BNA_M
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 B-59(FILL)-100317

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		267335		
101	8.0	4.6	7.0#		
100	6.2	3.4	5.2#		

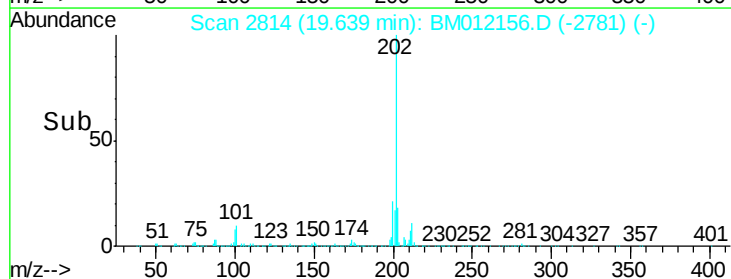
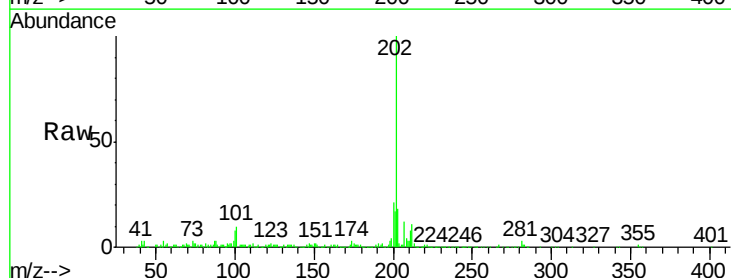
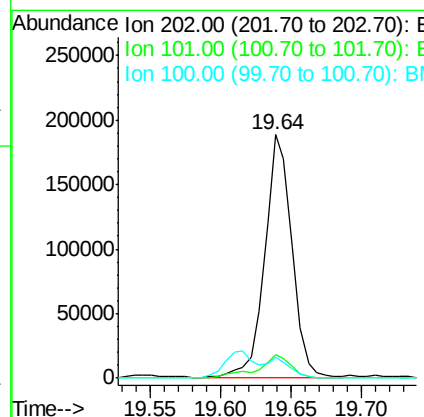
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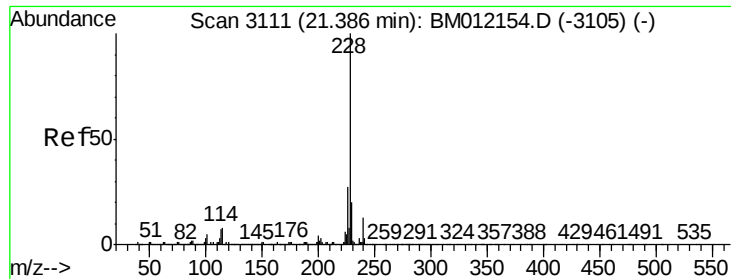
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#77
 Pyrene
 Concen: 3.766 ng/ul
 RT: 19.64 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BM012156.D
 Acq: 14 Oct 2017 04:27

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		253900		
101	9.5	5.1	7.7#		
100	8.3	4.9	7.3#		





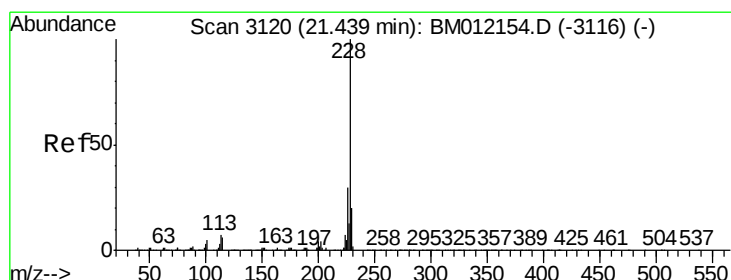
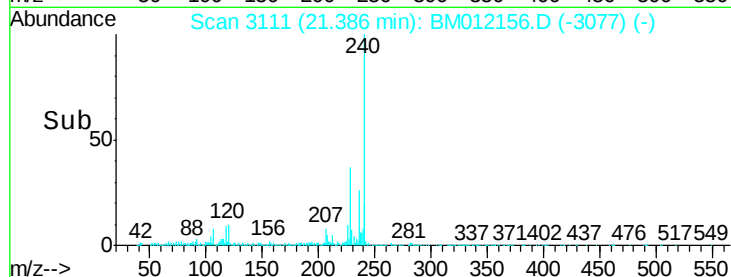
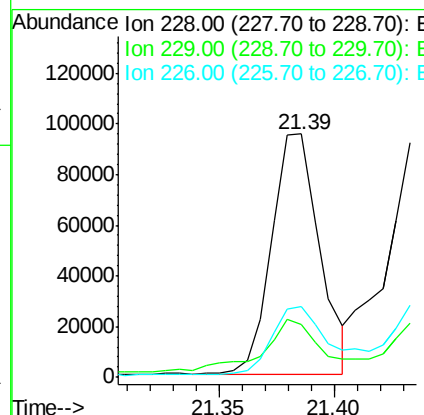
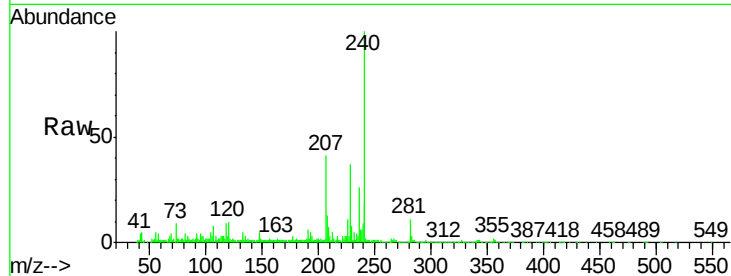
#80
Benzo(a)anthracene
Concen: 2.068 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012156.D
Acq: 14 Oct 2017 04:27

Instrument :
BNA_M
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B-59(FILL)-100317

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	29.0	21.4	32.0

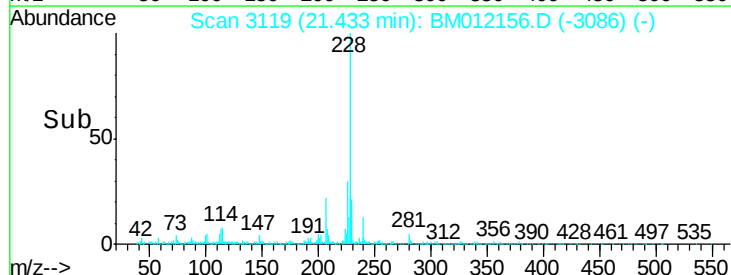
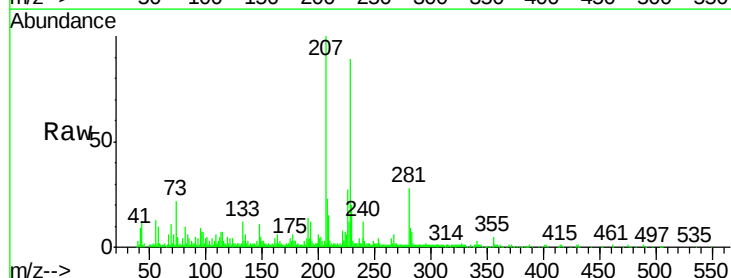
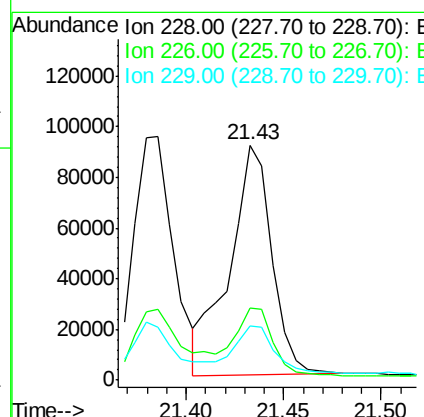
Manual Integrations
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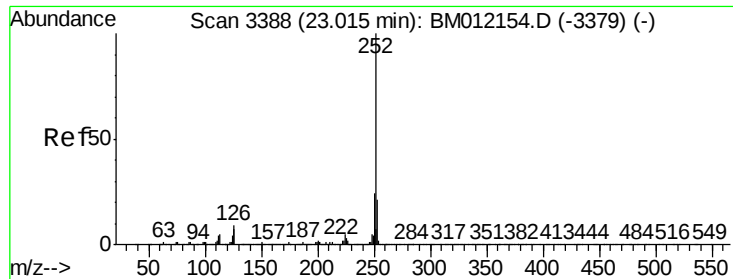
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#82
Chrysene
Concen: 2.187 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012156.D
Acq: 14 Oct 2017 04:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.9	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.036 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. 0.00 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

Instrument :

BNA_M

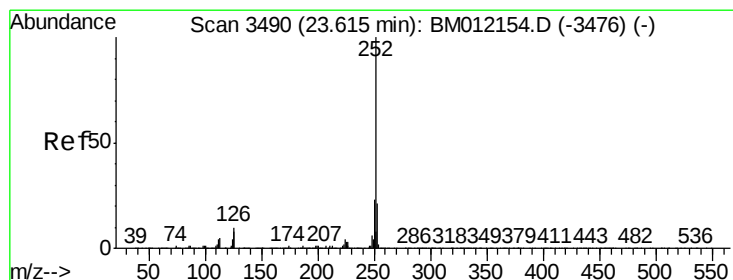
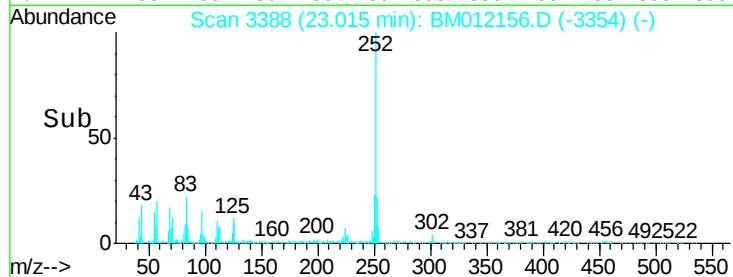
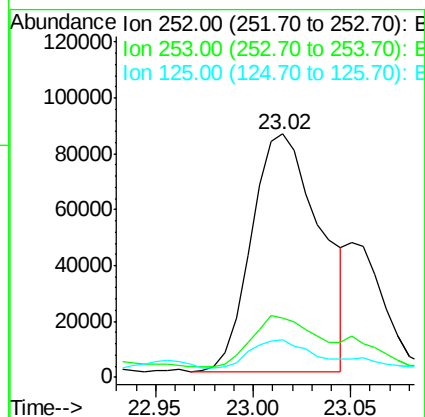
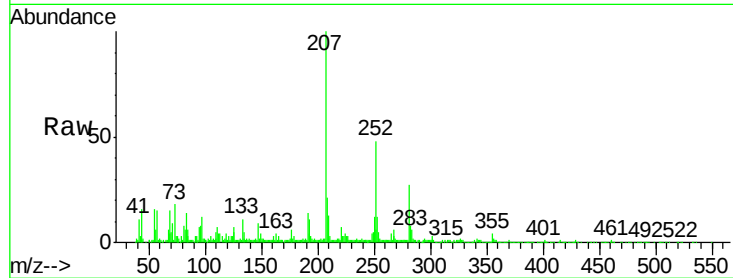
ClientSampleId :

B-59(FILL)-100317

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	207772		
253	24.6	17.9	26.9	
125	15.2	3.6	5.4	

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 2.081 ng/ul

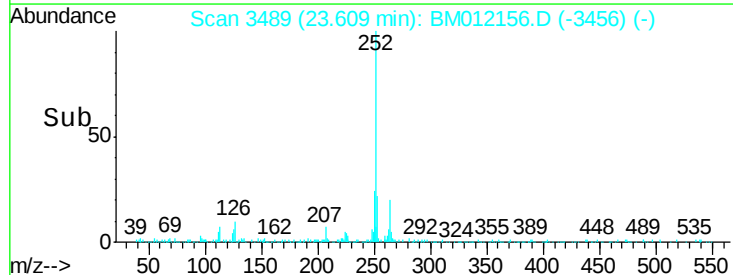
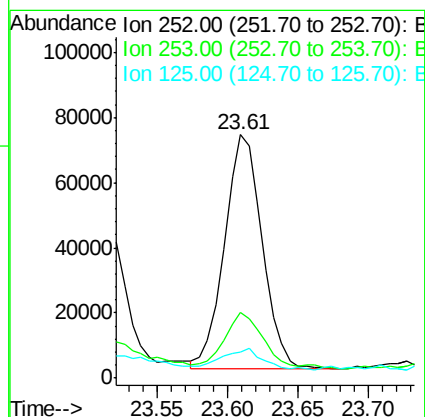
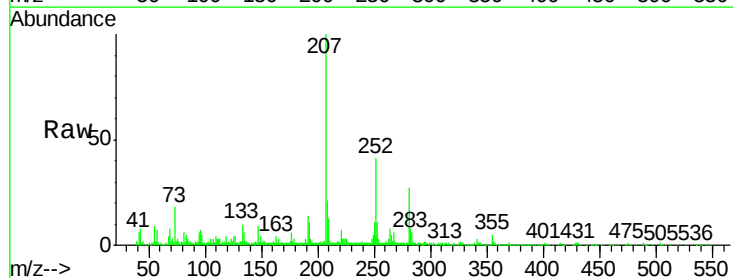
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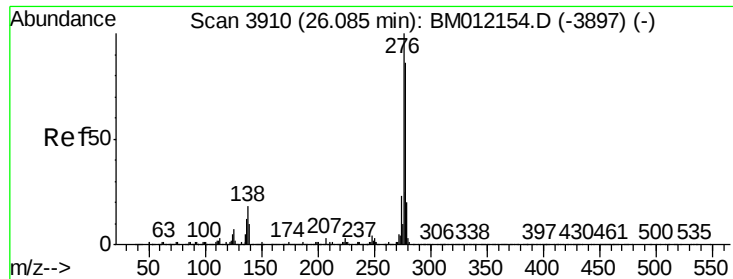
Delta R.T. -0.01 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	134225		
253	26.9	18.2	27.2	
125	10.8	4.0	6.0	





#89

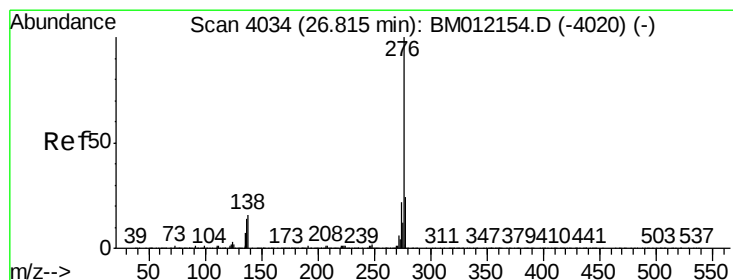
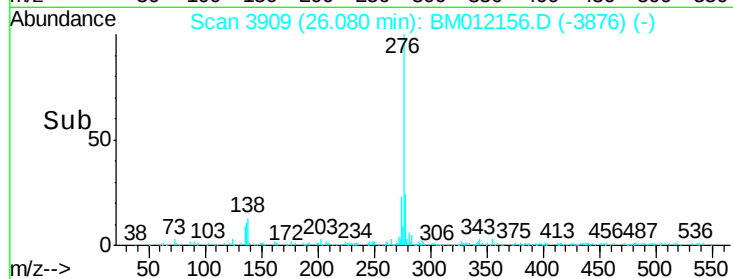
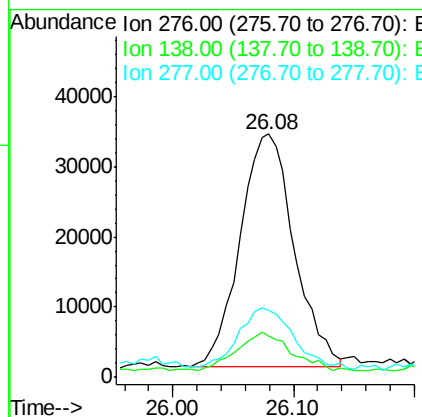
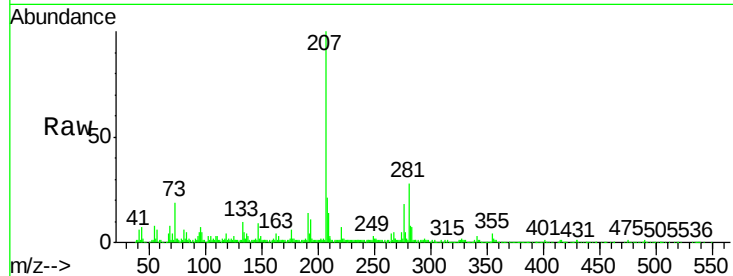
Indeno(1,2,3-cd)pyrene
Concen: 1.505 ng/ul
RT: 26.08 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM012156.D
Acq: 14 Oct 2017 04:27

Instrument :
BNA_M
ClientSampleId :
B-59(FILL)-100317

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.8	9.3	13.9#
277	27.3	19.9	29.9

Manual Integrations
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#91

Benzo(g,h,i)perylene
Concen: 1.529 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. 0.00 min
Lab File: BM012156.D
Acq: 14 Oct 2017 04:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.6	8.5	12.7#
277	28.2	18.6	28.0#

