

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010676.D
 Acq On : 23 Jun 2017 00:57
 Operator : SJ/JU
 Sample : I3625-11 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D15

Manual Integrations
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 6/26/2017 8:26:21 AM

Quant Time: Jun 23 06:40:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 23 05:06:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	74963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	344224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	248026	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	610726	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	664371	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	540413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	365	0.28	ng/uL	0.00
5) Phenol-d5	6.65	99	19135	2.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	10824	2.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	15154	3.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	16091	2.72	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	7072	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	7801	2.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	18138	3.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	20276	3.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	74461	3.42	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	70646	2.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	12916	3.37	ng/ul	0.00
57) Fluorene-d10	15.11	176	63119	3.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	13379	3.57	ng/ul	0.00
70) Anthracene-d10	16.96	188	132594m	4.50	ng/ul	0.00
76) Pyrene-d10	19.27	212	219162	7.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	187878	7.19	ng/ul	0.00

Target Compounds

					Qvalue
69) Phenanthrene	16.91	178	76805	2.366 ng/ul	98
74) Fluoranthene	18.94	202	365271	8.729 ng/ul	98
77) Pyrene	19.30	202	355395	9.261 ng/ul	98
80) Benzo(a)anthracene	21.07	228	241631	6.246 ng/ul	99
82) Chrysene	21.12	228	234672	6.803 ng/ul	94
85) Benzo(b)fluoranthene	22.59	252	310176	8.842 ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	95771m	2.880 ng/ul	
88) Benzo(a)pyrene	23.13	252	197767	6.124 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	112825	3.368 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.34	278	33383	1.196 ng/ul#	89
91) Benzo(g,h,i)perylene	25.97	276	94570	3.547 ng/ul	98

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

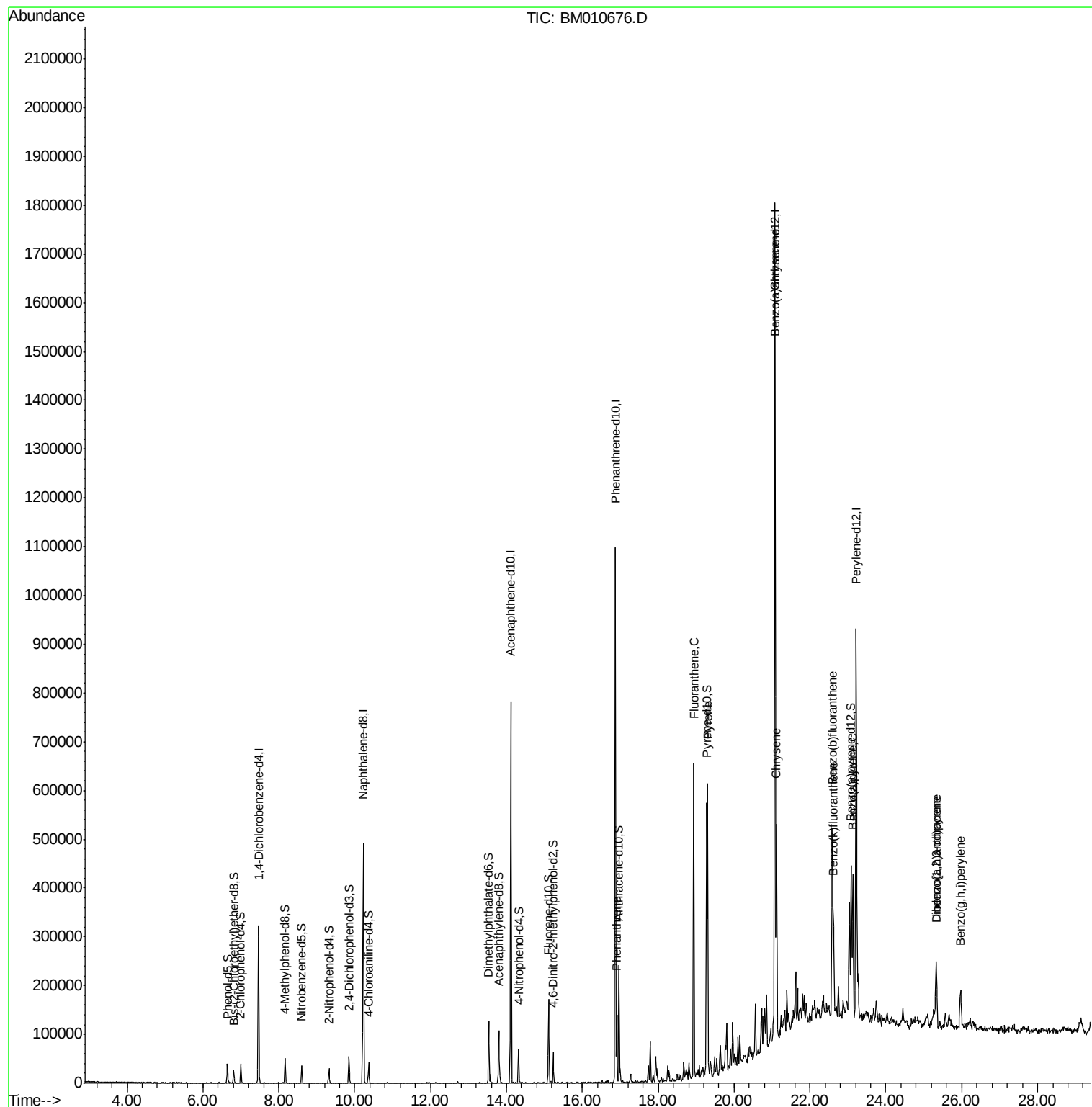
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010676.D
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Sample : I3625-11 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

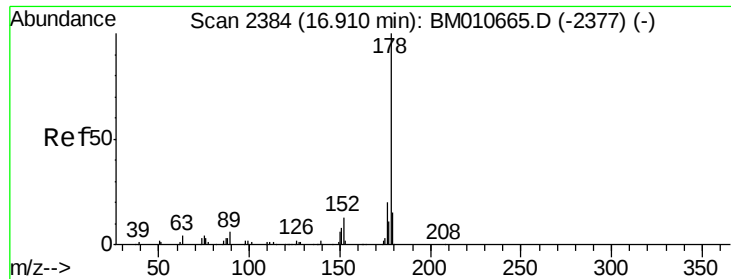
Instrument :
BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 2.366 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM010676.D

Acq: 23 Jun 2017 00:57

Instrument :

BNA_M

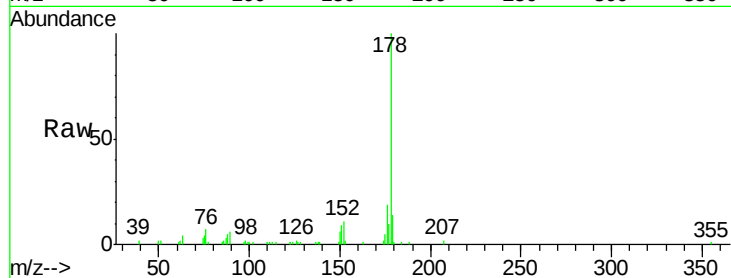
ClientSampleId :

F5D15

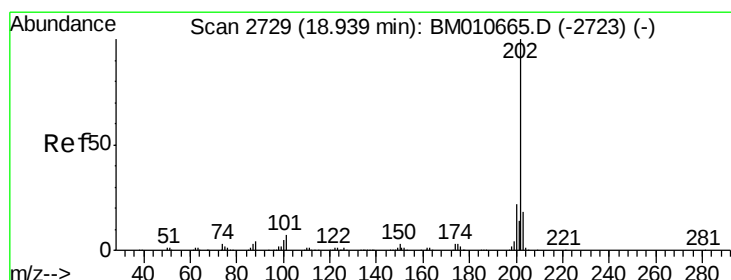
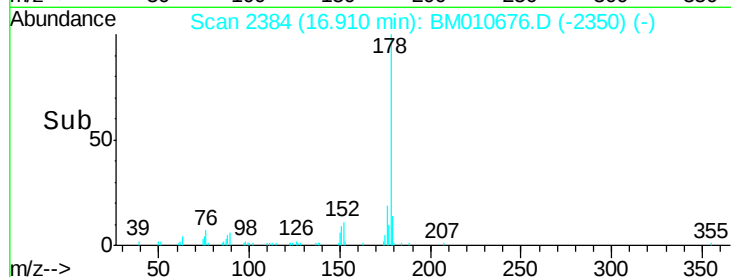
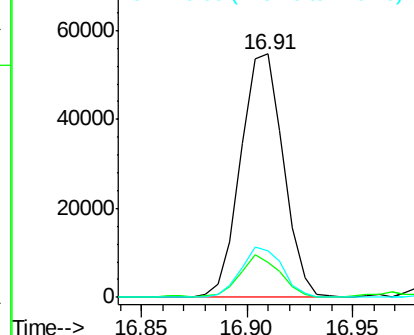
Tgt Ion:	178	Resp:	76805
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.6	19.0
176	19.3	14.9	22.3

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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



#74

Fluoranthene

Concen: 8.729 ng/ul

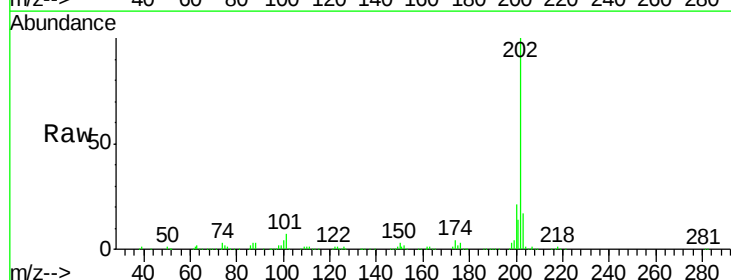
RT: 18.94 min Scan# 2729

Delta R.T. 0.00 min

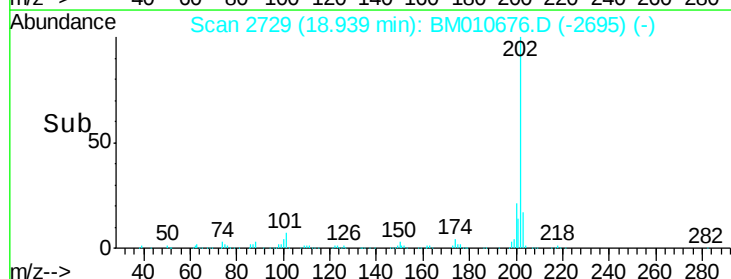
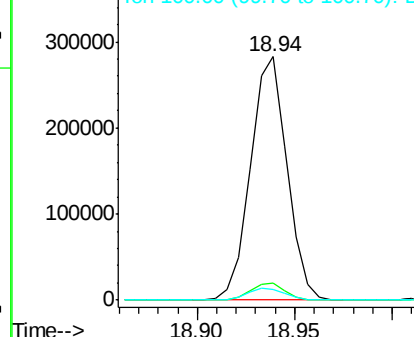
Lab File: BM010676.D

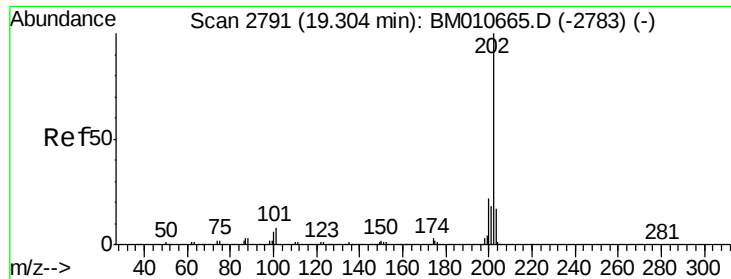
Acq: 23 Jun 2017 00:57

Tgt Ion:	202	Resp:	365271
Ion Ratio	Lower	Upper	
202	100		
101	6.8	4.6	7.0
100	4.3	3.4	5.2



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





#77

Pyrene

Concen: 9.261 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM010676.D

Acq: 23 Jun 2017 00:57

Instrument :

BNA_M

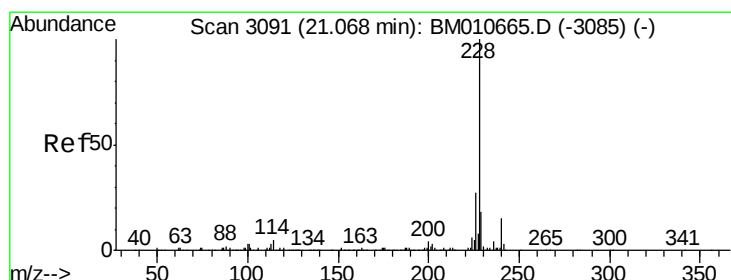
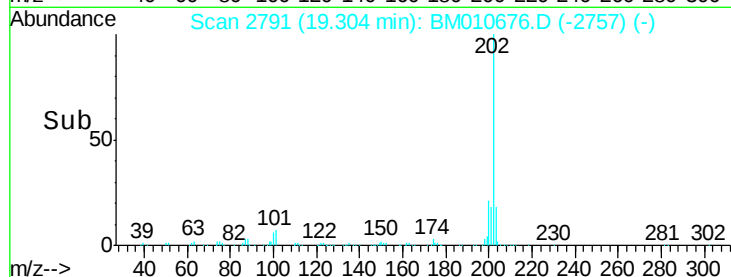
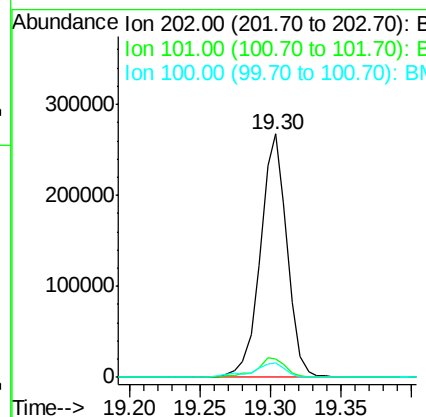
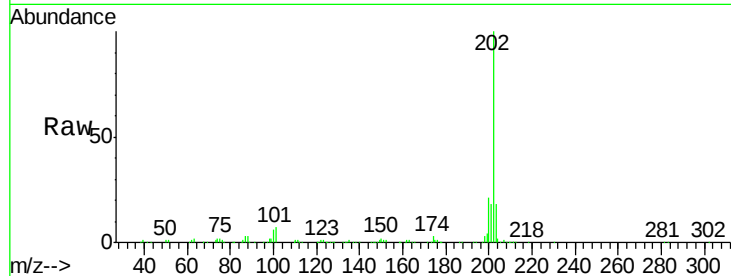
ClientSampleId :

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Tgt Ion:	202	Resp:	355395
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.1	7.7
100	5.7	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 6.246 ng/ul

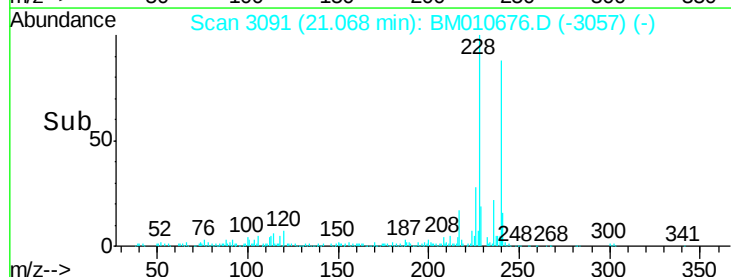
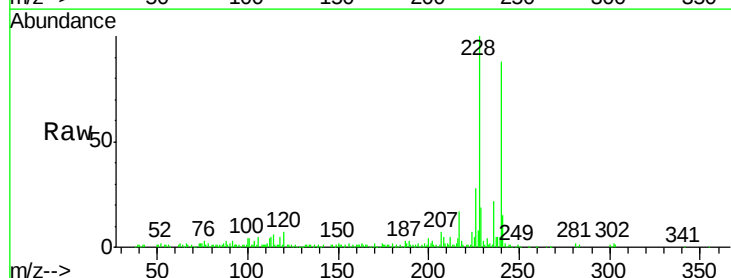
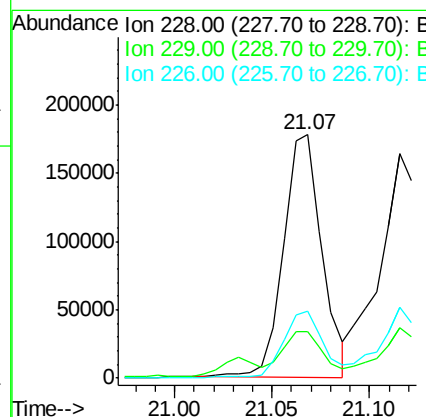
RT: 21.07 min Scan# 3091

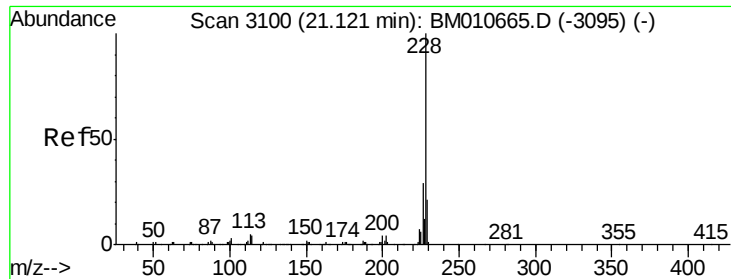
Delta R.T. 0.00 min

Lab File: BM010676.D

Acq: 23 Jun 2017 00:57

Tgt Ion:	228	Resp:	241631
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.4	23.0
226	27.7	21.4	32.0





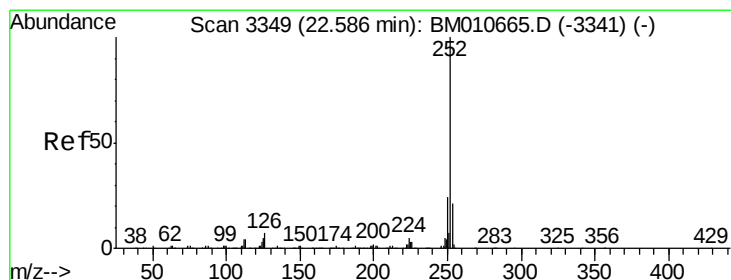
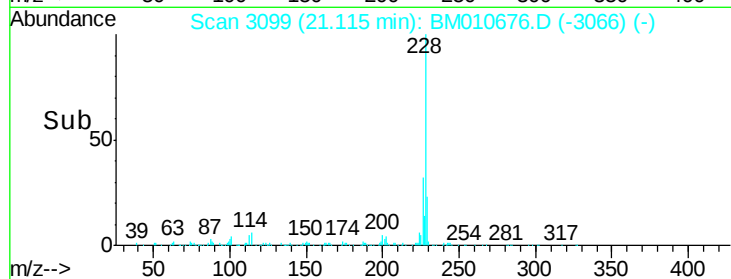
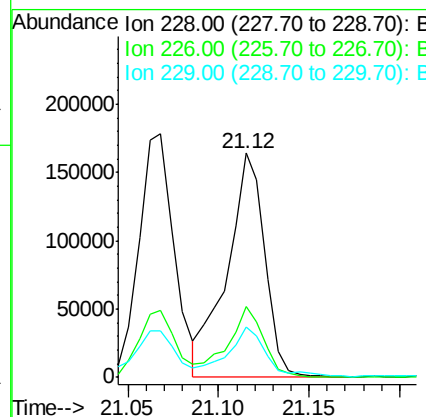
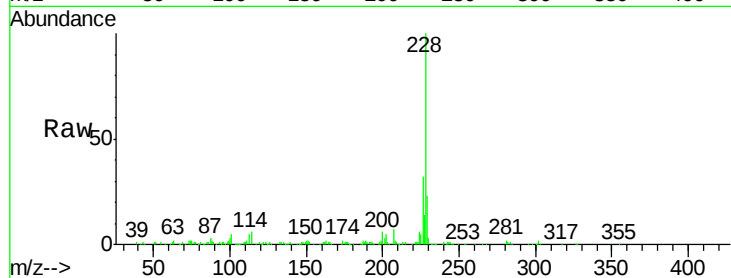
#82
Chrysene
Concen: 6.803 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010676.D
Acq: 23 Jun 2017 00:57

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	234672		
226	31.9		23.4	35.2
229	22.7		15.5	23.3

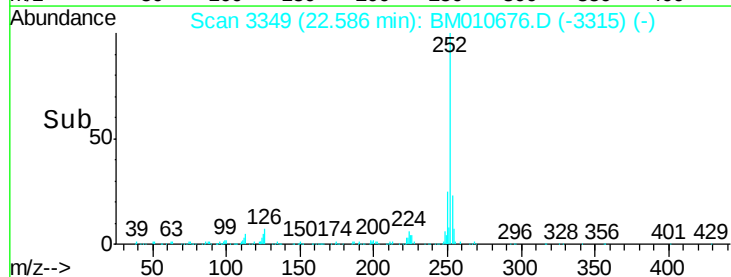
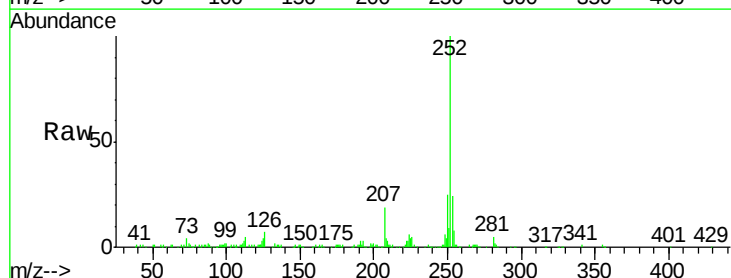
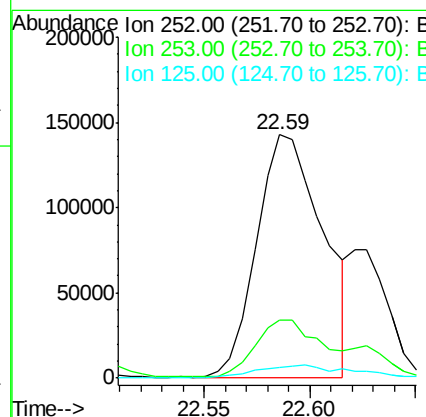
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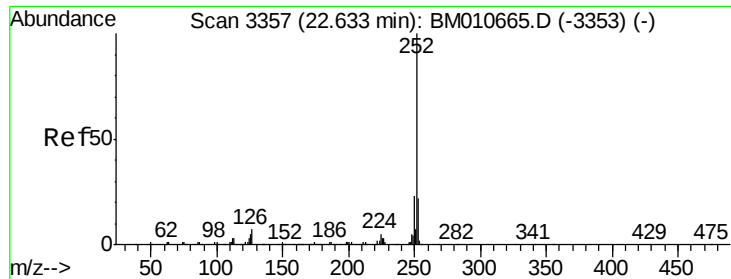
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#85
Benzo(b)fluoranthene
Concen: 8.842 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010676.D
Acq: 23 Jun 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	310176		
253	23.9		17.9	26.9
125	4.5		3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 2.880 ng/ul m

RT: 22.63 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM010676.D

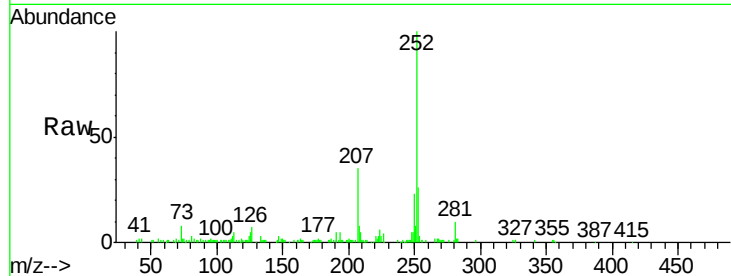
Acq: 23 Jun 2017 00:57

Instrument :

BNA_M

ClientSampleId :

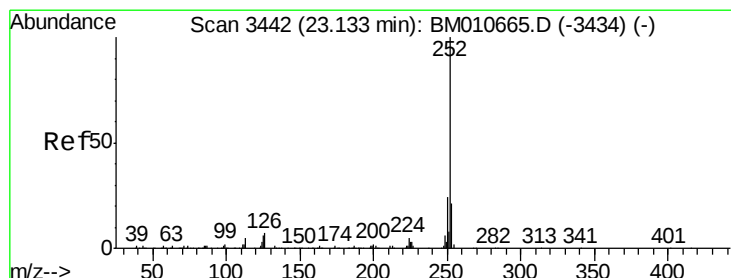
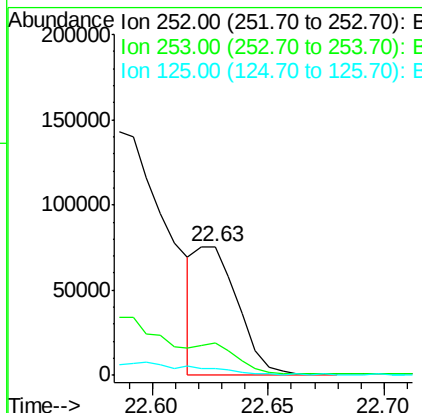
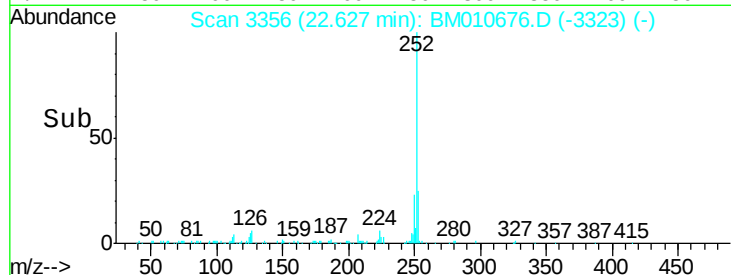
F5D15



Tgt Ion:	252	Resp:	95771
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.1	25.7
125	5.2	3.4	5.2#

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#88

Benzo(a)pyrene

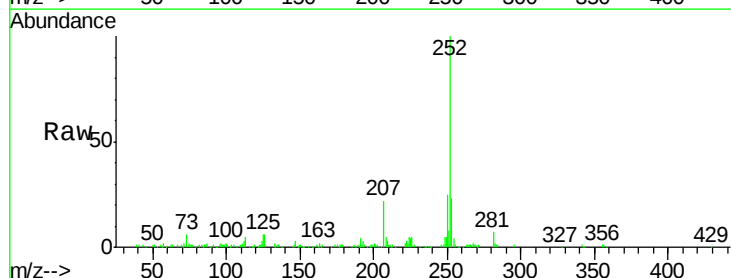
Concen: 6.124 ng/ul

RT: 23.13 min Scan# 3441

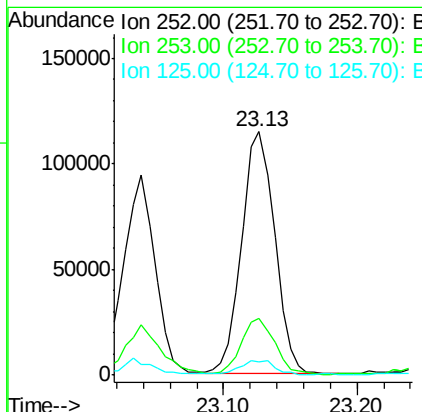
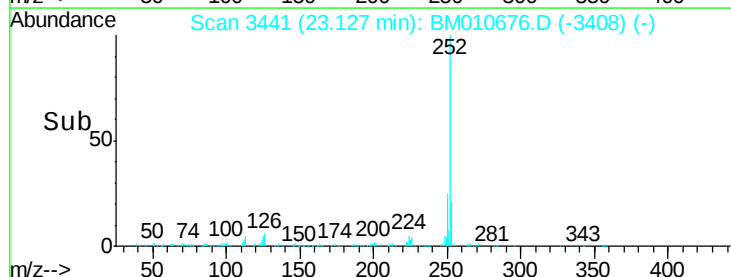
Delta R.T. -0.01 min

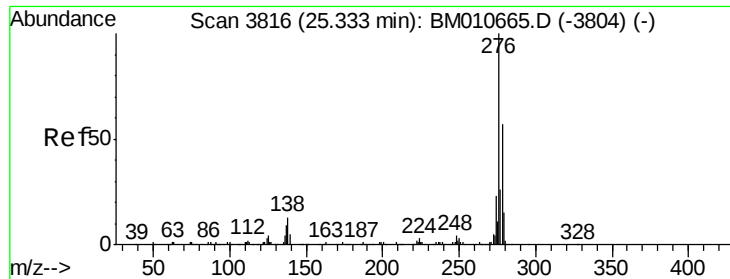
Lab File: BM010676.D

Acq: 23 Jun 2017 00:57



Tgt Ion:	252	Resp:	197767
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	5.5	4.0	6.0





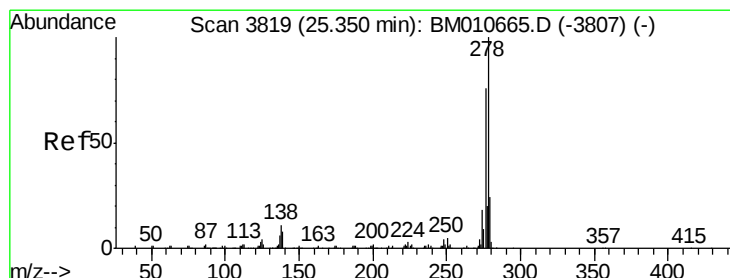
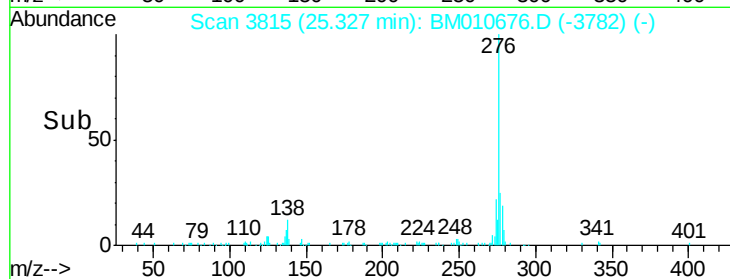
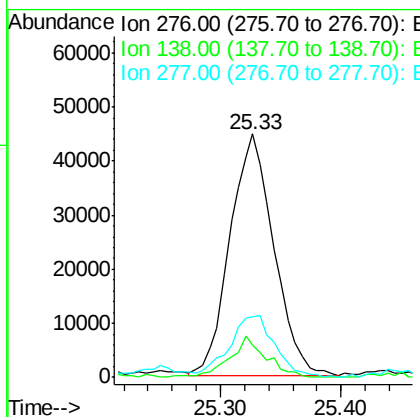
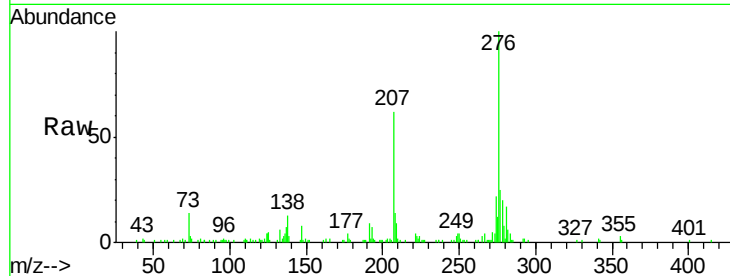
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.368 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010676.D
Acq: 23 Jun 2017 00:57

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	112825		
138	16.4	9.3	13.9#	
277	25.1	19.9	29.9	

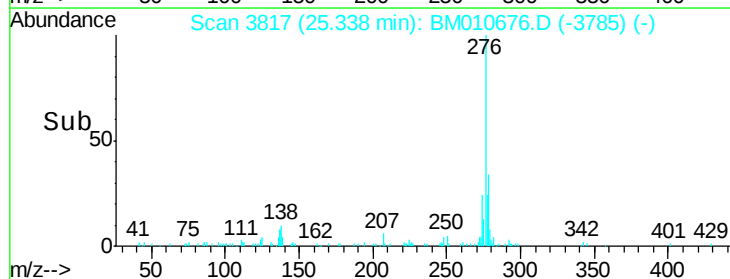
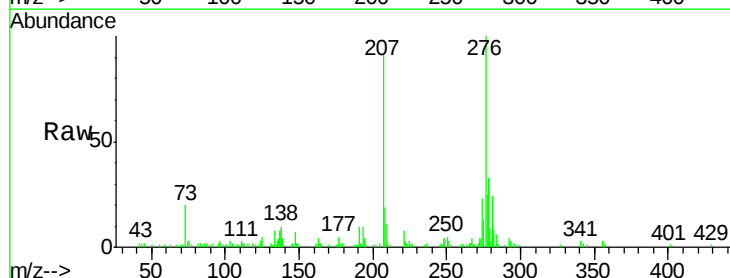
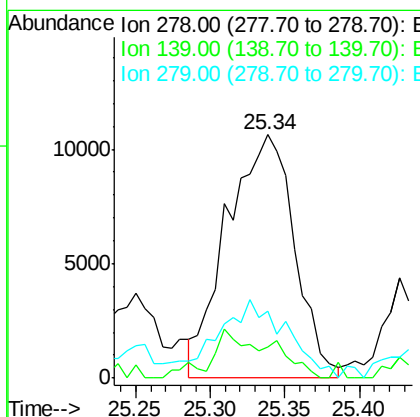
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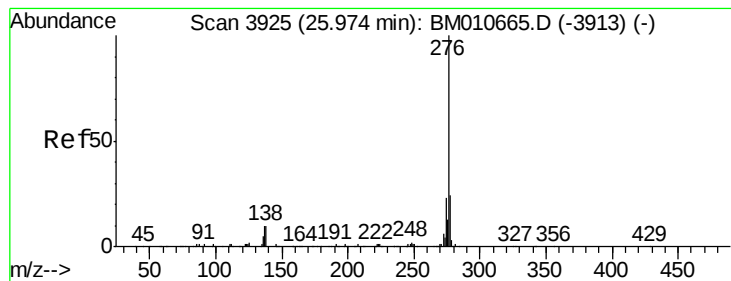
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#90
Dibenzo(a,h)anthracene
Concen: 1.196 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010676.D
Acq: 23 Jun 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	33383		
139	12.8	5.8	8.8#	
279	27.8	18.6	27.8	





#91

Benzo(g,h,i)perylene

Concen: 3.547 ng/ul

RT: 25.97 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM010676.D

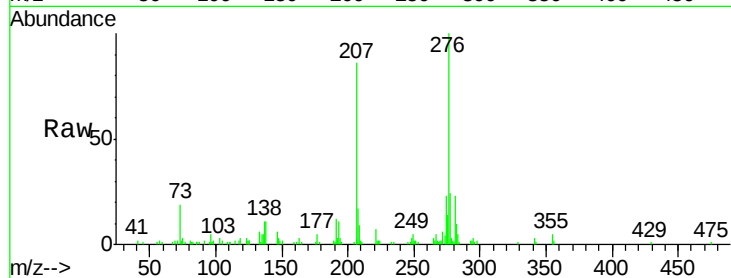
Acq: 23 Jun 2017 00:57

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	276	Resp:	94570
Ion Ratio	Lower	Upper	
276	100		
138	11.0	8.5	12.7
277	24.5	18.6	28.0

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