

Data Path : Z:\HPCHEM1\BNA M\DATA\BM063016\
 Data File : BM006156.D
 Acq On : 30 Jun 2016 12:34
 Operator : UM/SJ
 Sample : H3779-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YE8

Manual Integrations
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Quant Time: Jun 30 15:36:00 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	263499	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1165451	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	659846	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1442922	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1042600	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1080510	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	5447	0.96	ng/uL	0.00
3) Phenol-d5	6.83	99	296249	13.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	183627	14.47	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	228517	13.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	191949	11.08	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	118019	15.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	129366	14.40	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	233278	14.23	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	183480	14.16	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	720365	15.23	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	926228	16.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	112627	12.55	ng/ul	0.00
21) Fluorene-d10	15.30	176	642608	15.92	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	77667	15.20	ng/ul	0.00
26) Anthracene-d10	17.15	188	947844	16.37	ng/ul	0.00
30) Pyrene-d10	19.45	212	886218	21.11	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	688167	16.00	ng/ul	0.00

Target Compounds

						Ovalue
25) Phenanthrene	17.09	178	295031	4.32	ng/ul	100
28) Fluoranthene	19.12	202	720592	8.62	ng/ul	100
31) Pyrene	19.48	202	520123	9.46	ng/ul	97
32) Benzo(a)anthracene	21.23	228	275557	5.08	ng/ul	97
33) Chrysene	21.29	228	272390	5.46	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	376246	6.71	ng/ul	96
36) Benzo(k)fluoranthene	22.84	252	118806m	2.26	ng/ul	
38) Benzo(a)pyrene	23.37	252	234073	4.42	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.69	276	184446	3.35	ng/ul	96
40) Dibenzo(a,h)anthracene	25.69	278	53775	1.18	ng/ul#	88
41) Benzo(g,h,i)perylene	26.37	276	157078	3.41	ng/ul	99

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

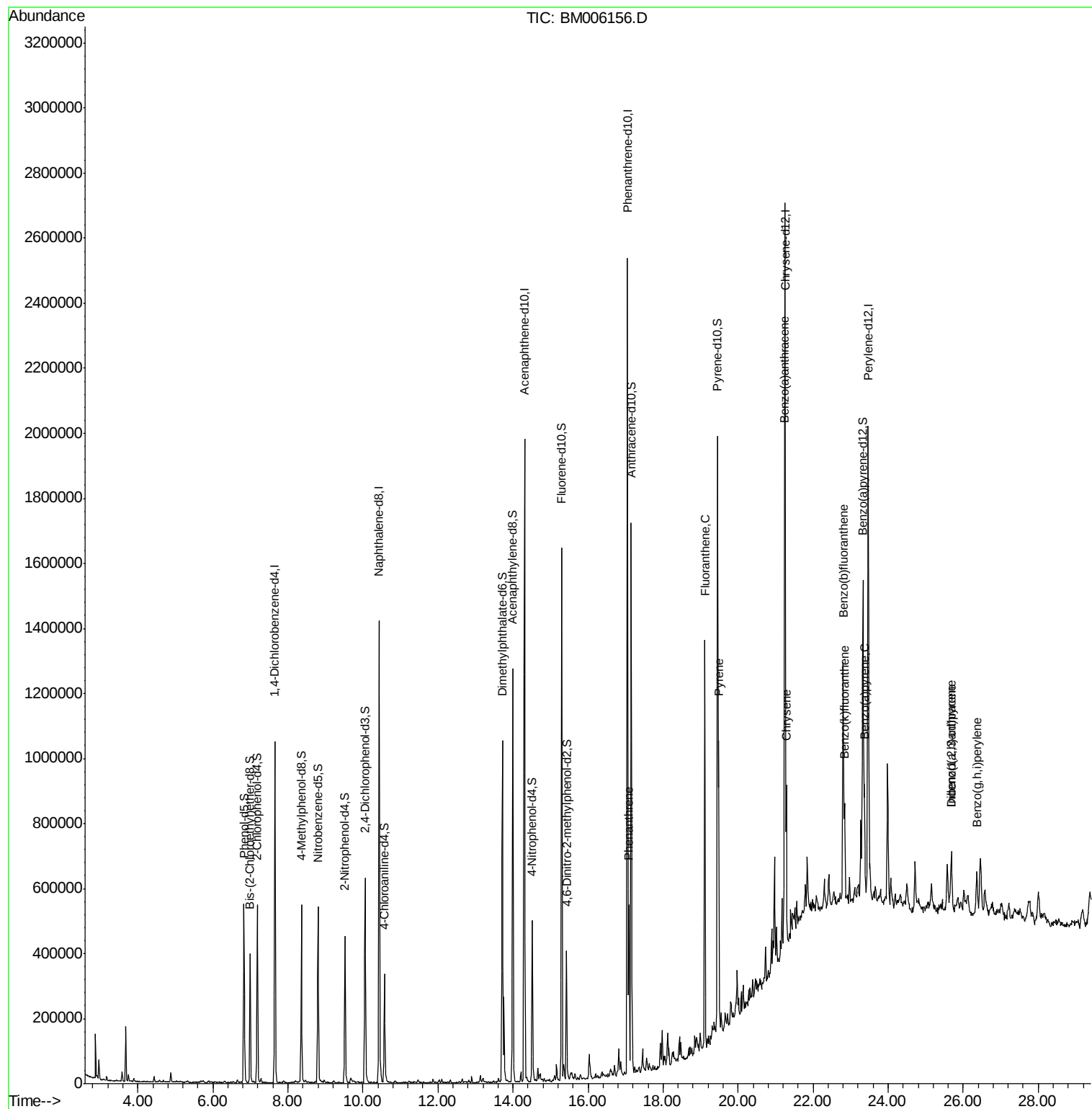
Data Path : Z:\HPCHEM1\BNA M\DATA\BM063016\
Data File : BM006156.D
Acq On : 30 Jun 2016 12:34
Operator : UM/SJ
Sample : H3779-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

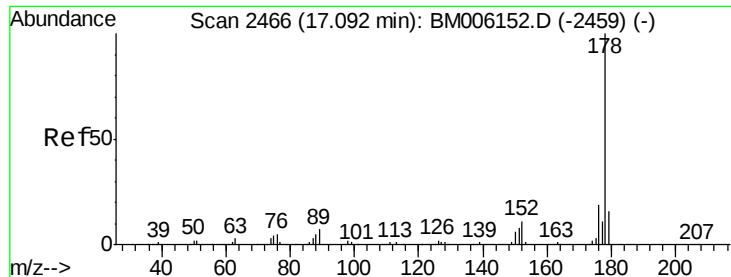
Instrument :
BNA_M
ClientSampled :
D9YE8

Quant Time: Jun 30 15:36:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062816.M
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QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

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#25

Phenanthrene

Concen: 4.32 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM006156.D

Acq: 30 Jun 2016 12:34

Instrument :

BNA_M

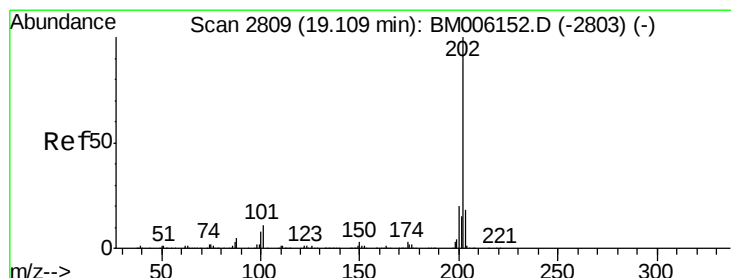
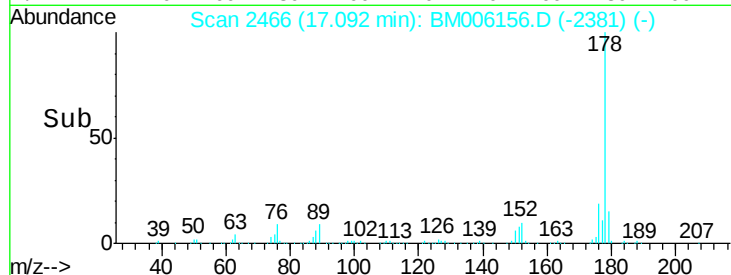
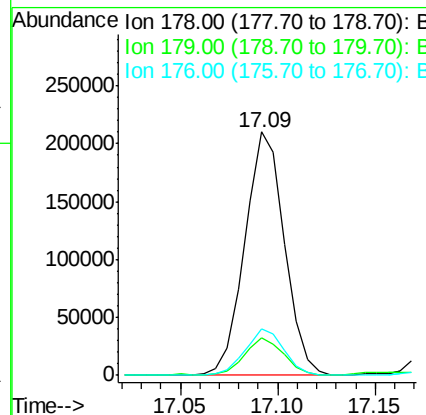
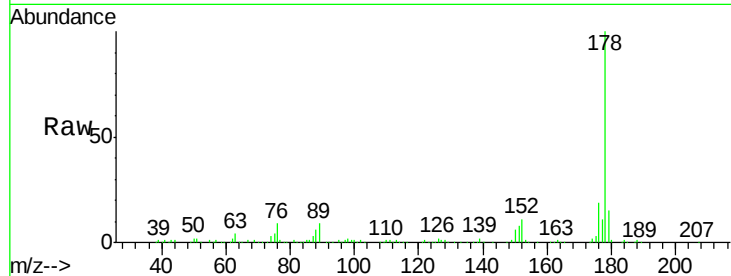
ClientSampleId :

D9YE8

Tot Ion:	178	Resp:	295031
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.2
176	18.9	15.3	22.9

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#28

Fluoranthene

Concen: 8.62 ng/ul

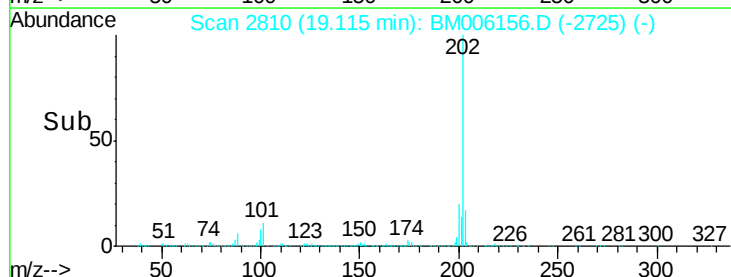
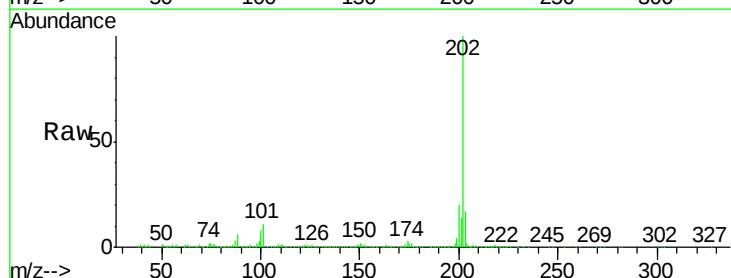
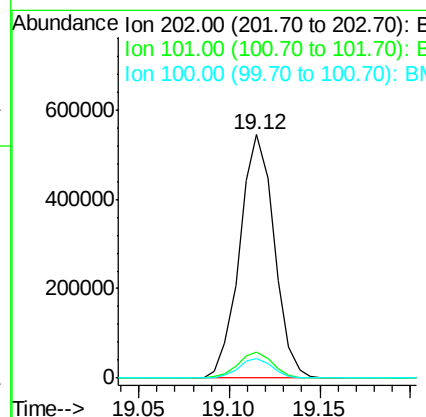
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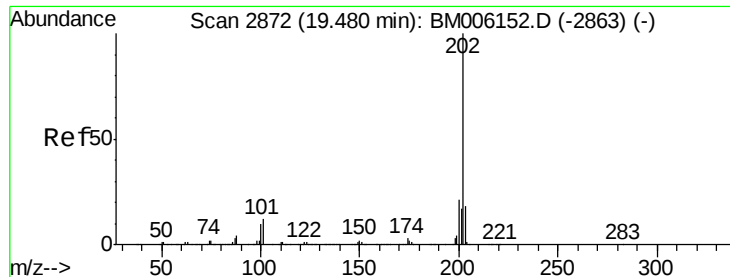
Delta R.T. -0.00 min

Lab File: BM006156.D

Acq: 30 Jun 2016 12:34

Tgt Ion:	202	Resp:	720592
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.5	12.7
100	8.2	6.5	9.7





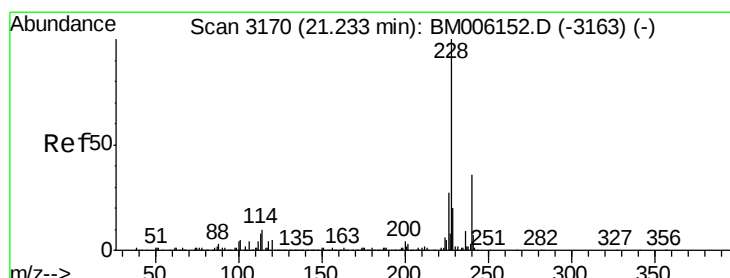
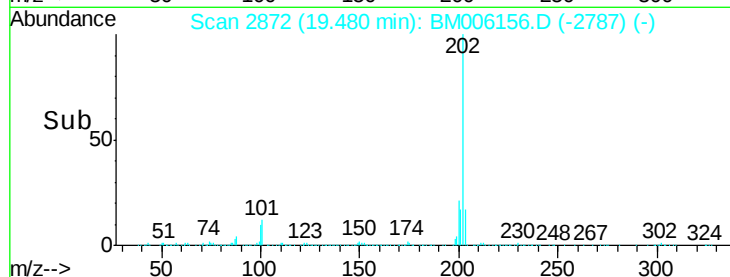
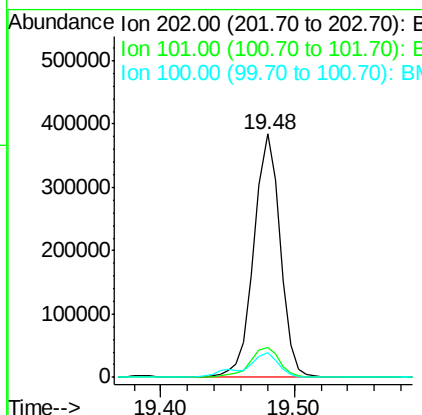
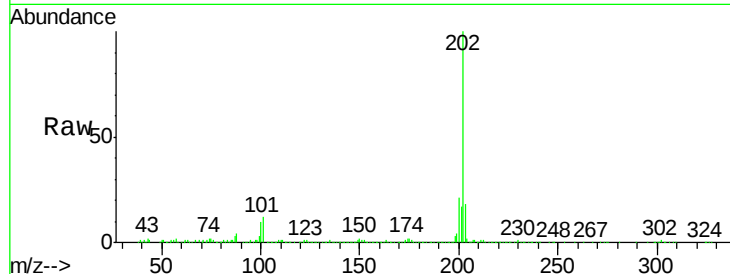
#31
Pvrene
Concen: 9.46 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Instrument :
BNA_M
ClientSampleId :
D9YE8

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.0	16.4
100	10.2	8.9	13.3

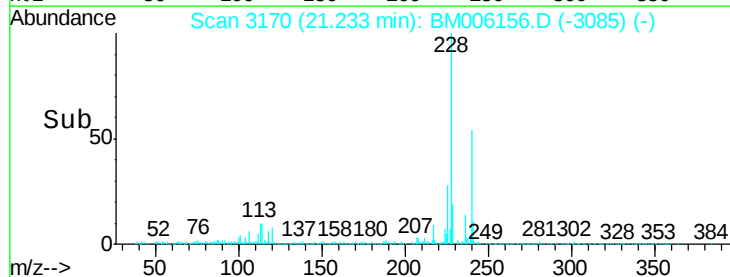
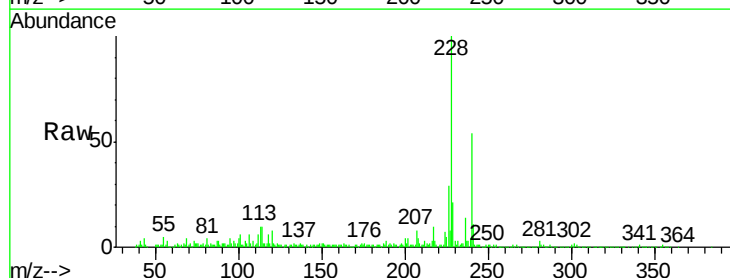
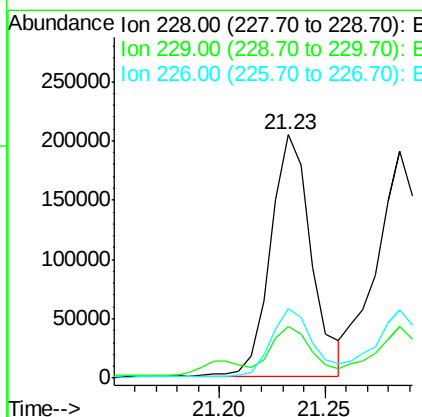
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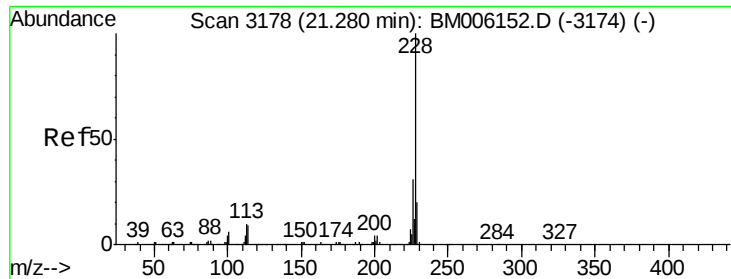
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#32
Benzo(a)anthracene
Concen: 5.08 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.5	21.6	32.4





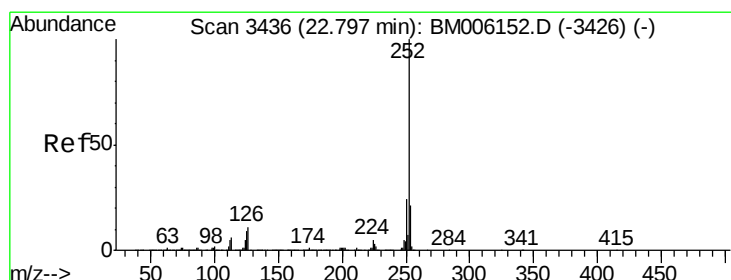
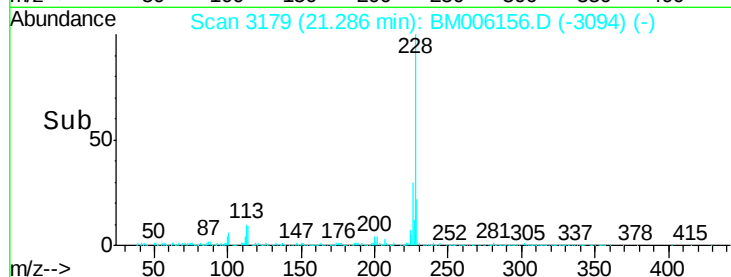
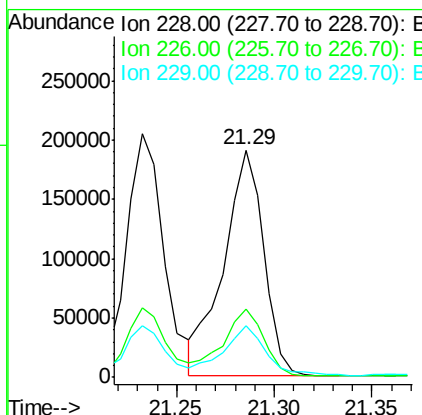
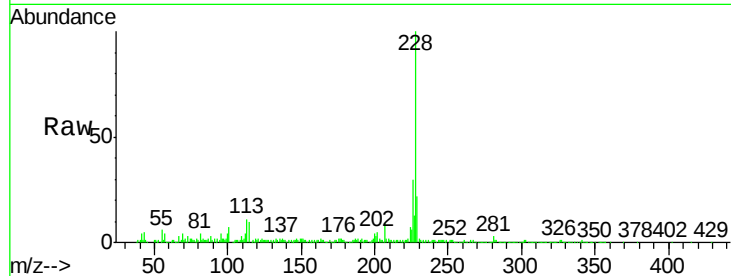
#33
Chrysene
Concen: 5.46 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Instrument :
BNA_M
ClientSampleId :
D9YE8

Tot Ion	Ratio	Resp	Lower	Upper
228	100	272390		
226	30.1		23.8	35.6
229	22.5		15.8	23.6

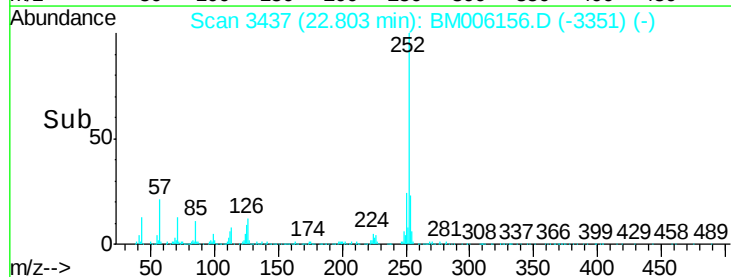
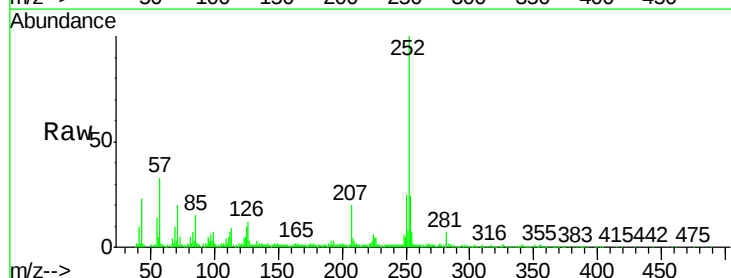
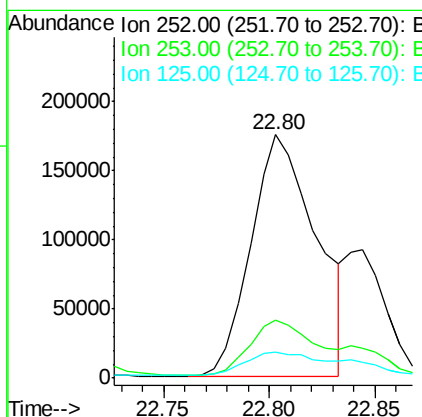
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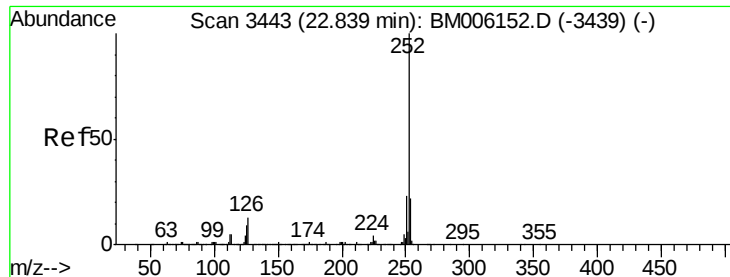
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#35
Benzo(b)fluoranthene
Concen: 6.71 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	376246		
253	23.9		17.2	25.8
125	10.5		7.8	11.6





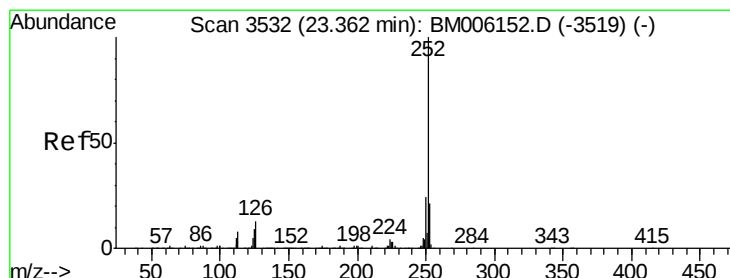
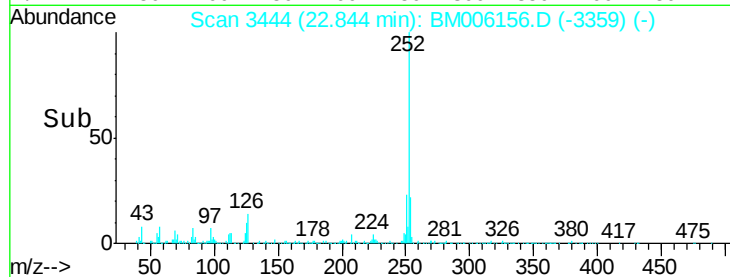
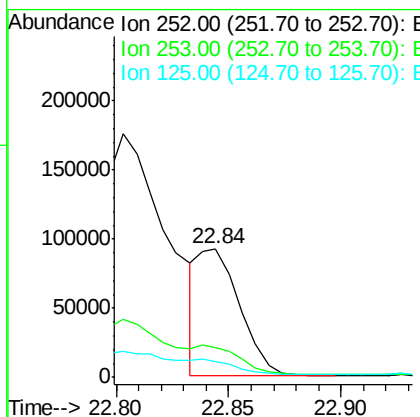
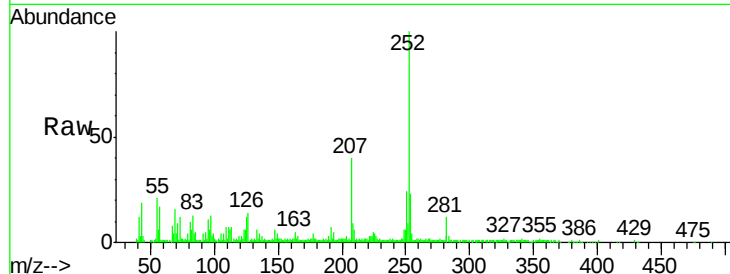
#36
Benzo(k)fluoranthene
Concen: 2.26 ng/ul m
RT: 22.84 min Scan# 3444
Delta R.T. -0.00 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Instrument :
BNA_M
ClientSampled :
D9YE8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.0	8.1	12.1

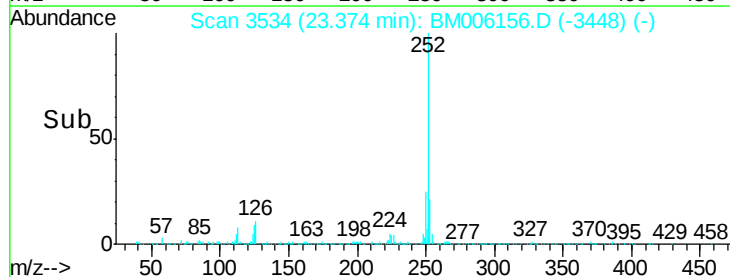
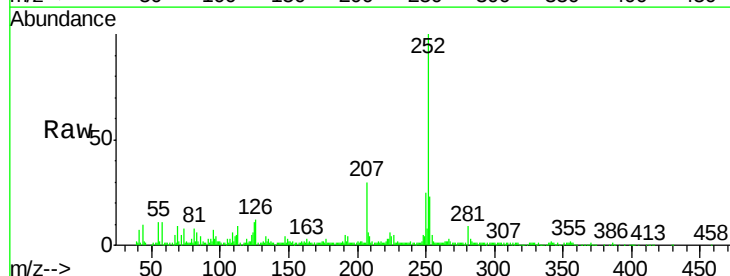
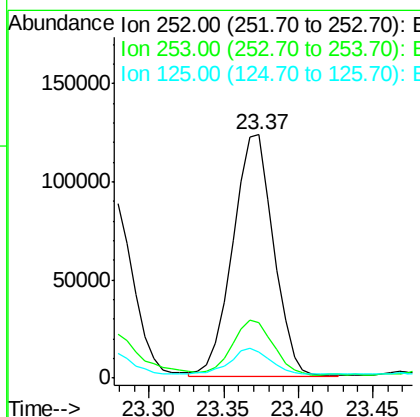
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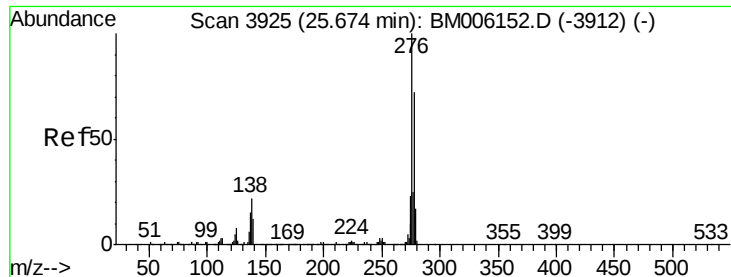
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#38
Benzo(a)pyrene
Concen: 4.42 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.0	8.7	13.1





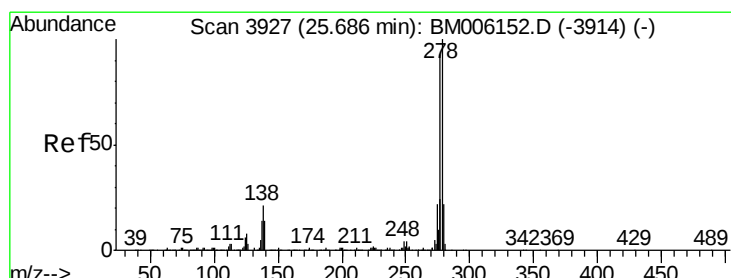
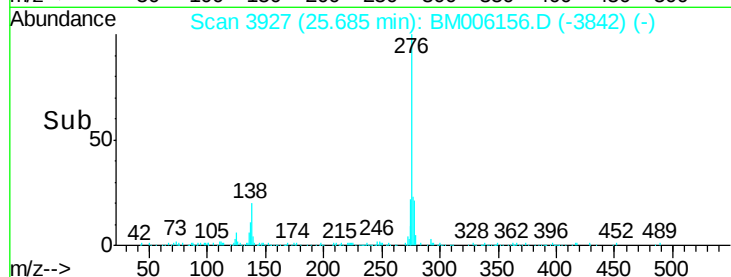
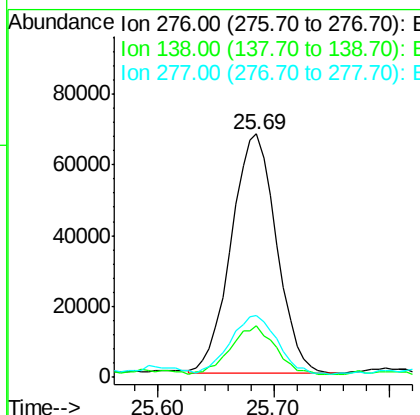
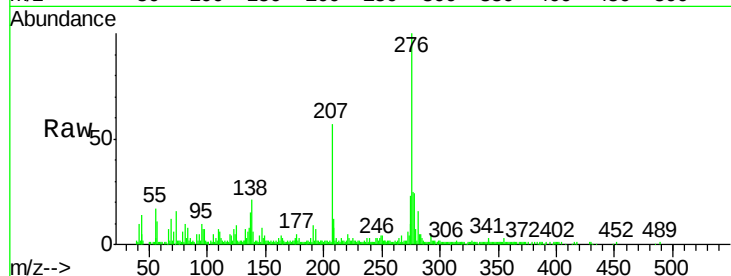
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Indeno(1,2,3-cd)pyrene
Concen: 3.35 ng/ul
RT: 25.69 min Scan# 3927
Delta R.T. -0.00 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Instrument :
BNA_M
ClientSampleId :
D9YE8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.4	30.6
277	25.3	20.6	30.8

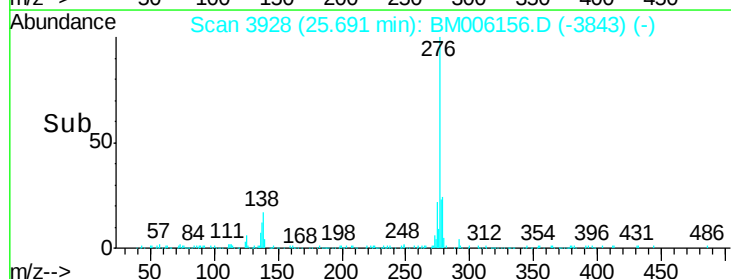
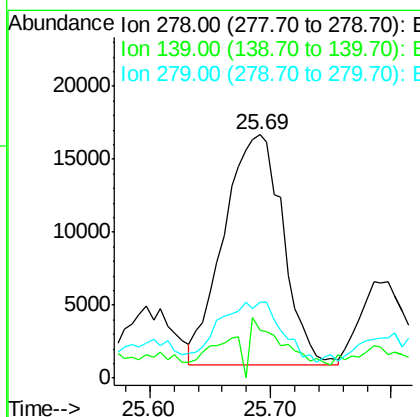
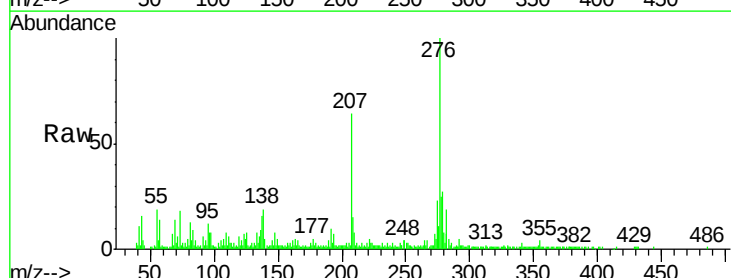
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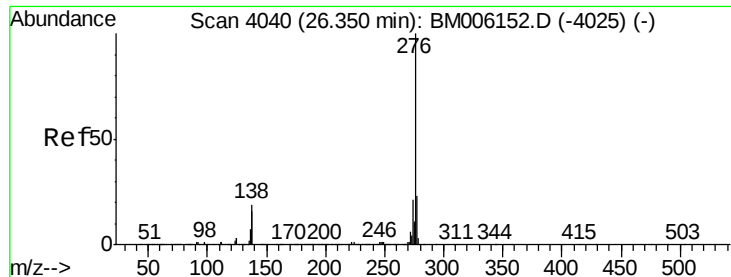
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#40
Dibenzo(a,h)anthracene
Concen: 1.18 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.00 min
Lab File: BM006156.D
Acq: 30 Jun 2016 12:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.0	19.4#
279	31.0	18.8	28.2#





#41
 Benzo(a,h,i)perylene
 Concen: 3.41 ng/ul
 RT: 26.37 min Scan# 4043
 Delta R.T. 0.01 min
 Lab File: BM006156.D
 Acq: 30 Jun 2016 12:34

Instrument :
 BNA_M
 ClientSampleId :
 D9YE8

Tot Ion:	276	Resp:	157078
Ion Ratio	Lower	Upper	
276	100		
138	20.7	16.6	25.0
277	24.8	18.9	28.3

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