

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040817\
 Data File : BM009621.D
 Acq On : 07 Apr 2017 10:26
 Operator : SJ/MA
 Sample : I2285-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB334

Manual Integrations
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Quant Time: Apr 10 04:54:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	136711	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	530429	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	297448	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	701122	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	924254	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	901875	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.26	165	14731	1.81	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	133719	4.59	ng/ul	0.00
10) Fluorene-d10	15.48	176	167595	7.99	ng/ul	0.00
15) Anthracene-d10	17.33	188	207626m	6.19	ng/ul	0.00
19) Pyrene-d10	19.63	212	332319	8.75	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	292978	7.36	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.28	178	63502	1.61	ng/ul	93
17) Fluoranthene	19.29	202	152002	3.10	ng/ul	96
20) Pyrene	19.66	202	136623	2.71	ng/ul	96
21) Benzo(a)anthracene	21.40	228	84832	1.62	ng/ul	97
22) Chrysene	21.45	228	84812	1.77	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	124214	2.23	ng/ul#	94
27) Benzo(a)pyrene	23.64	252	74946	1.41	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	26.10	276	60195	1.01	ng/ul	96
30) Benzo(g,h,i)perylene	26.83	276	56205	1.15	ng/ul	91

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

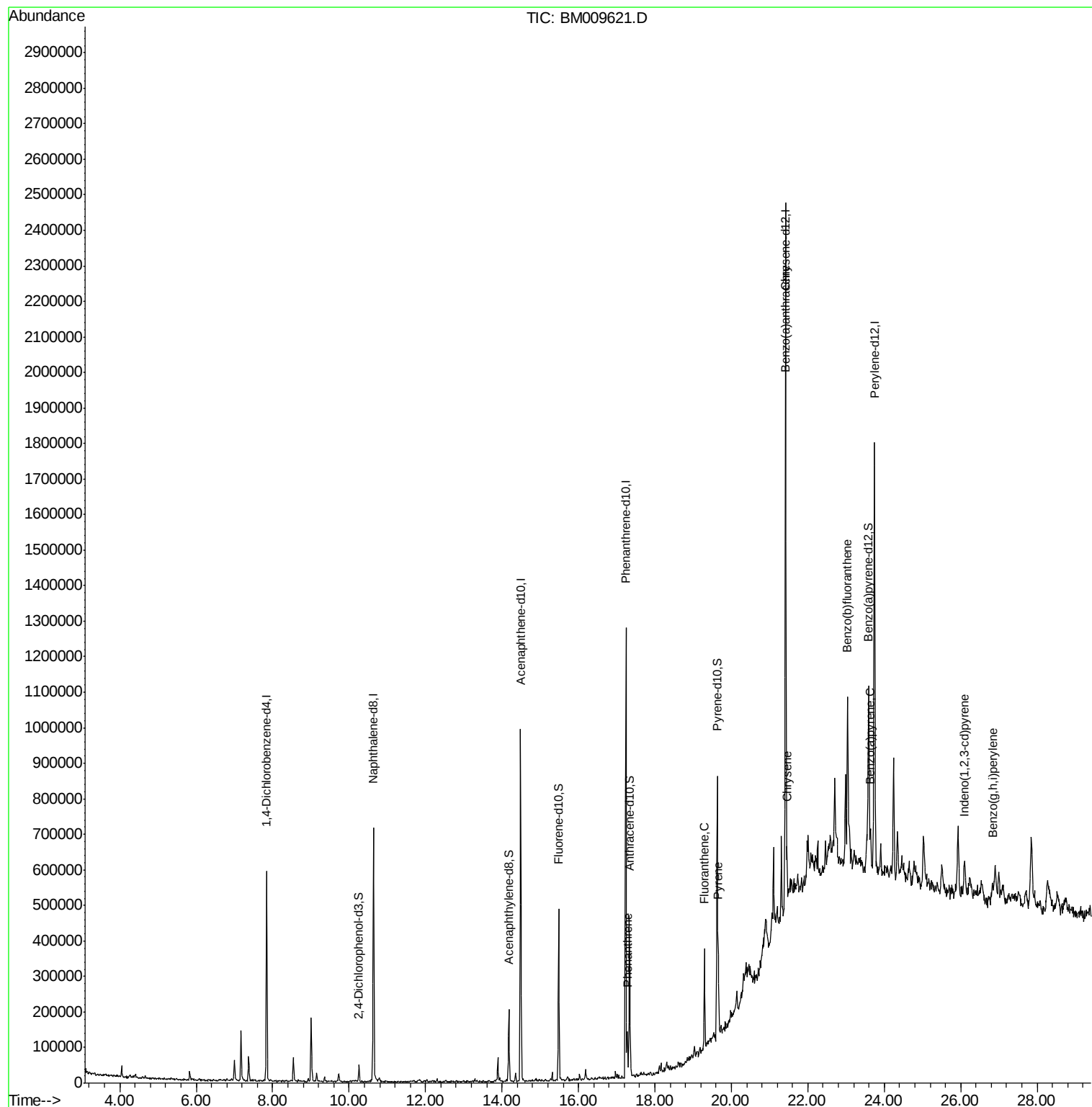
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040817\
Data File : BM009621.D
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Operator : SJ/MA
Sample : I2285-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

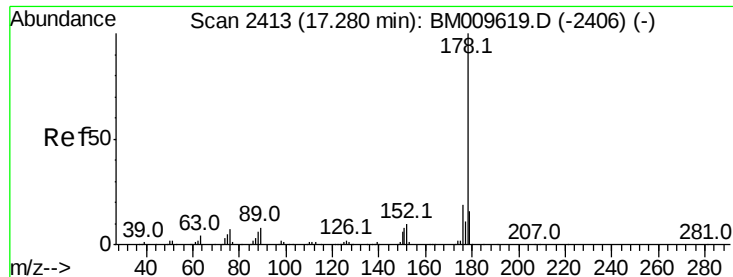
Instrument :
BNA_M
ClientSampled :
CB334

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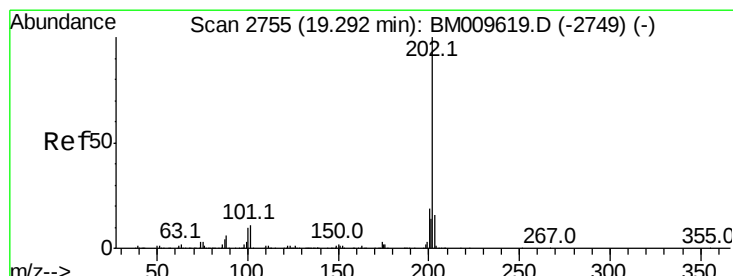
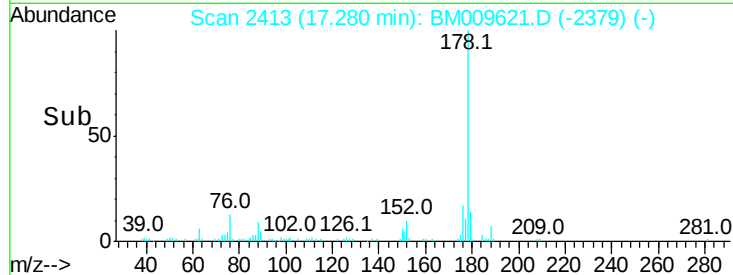
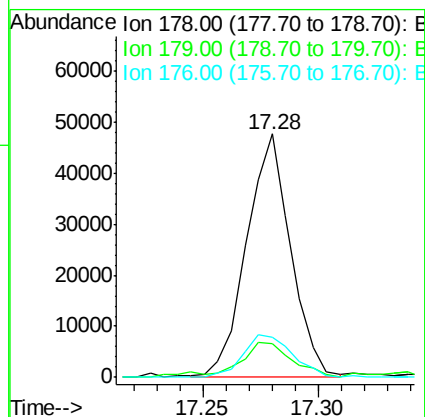
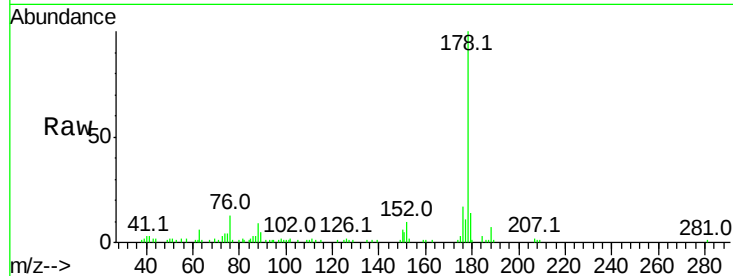
#14
Phenanthrene
Concen: 1.61 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009621.D
Acq: 07 Apr 2017 10:26

Instrument :
BNA_M
ClientSampleId :
CB334

Tot Ion:178	Resp:	63502
Ion Ratio	Lower	Upper
178	100	
179	13.6	12.2 18.4
176	16.6	16.4 24.6

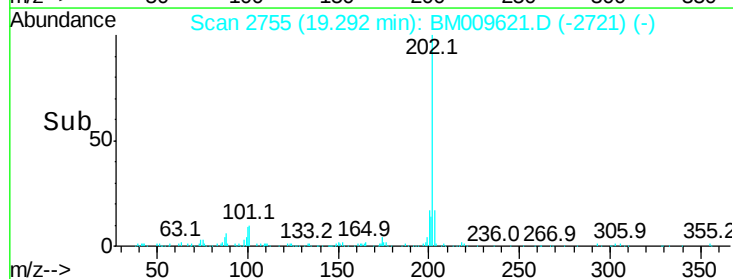
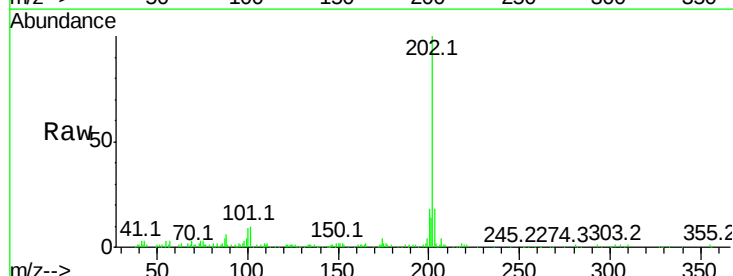
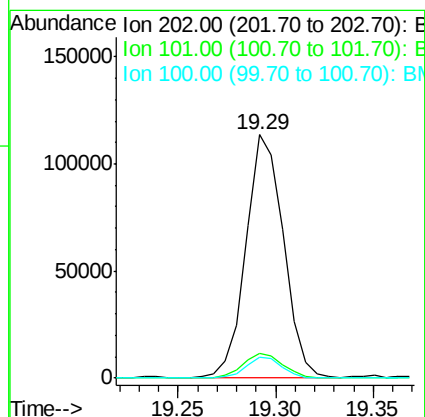
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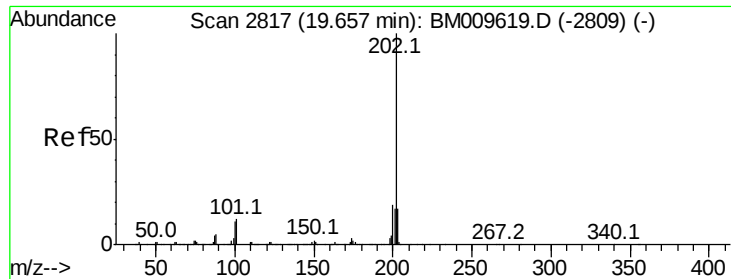
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#17
Fluoranthene
Concen: 3.10 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009621.D
Acq: 07 Apr 2017 10:26

Tgt Ion:202	Resp:	152002
Ion Ratio	Lower	Upper
202	100	
101	10.3	9.8 14.8
100	8.7	7.5 11.3





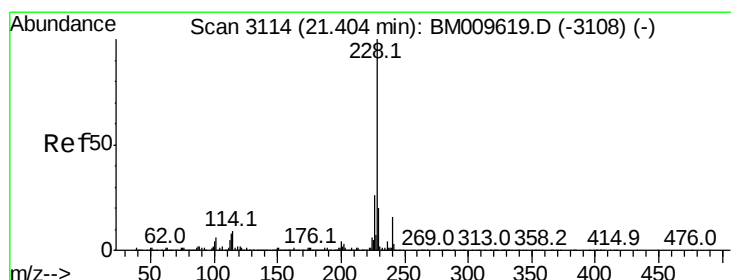
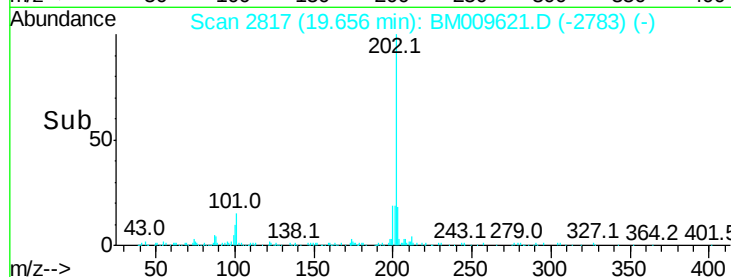
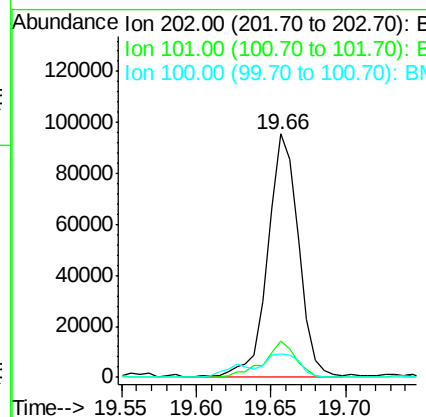
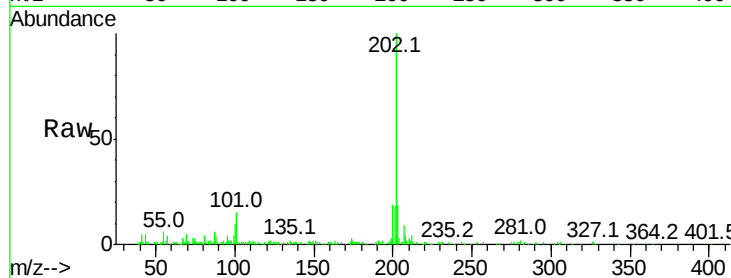
#20
Pvrene
Concen: 2.71 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009621.D
Acq: 07 Apr 2017 10:26

Instrument :
BNA_M
ClientSampleId :
CB334

Tot Ion	Ratio	Resp	Lower	Upper
202	100	136623		
101	15.1		11.2	16.8
100	9.9		9.8	14.6

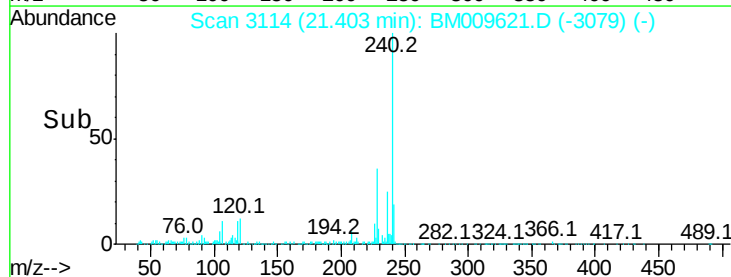
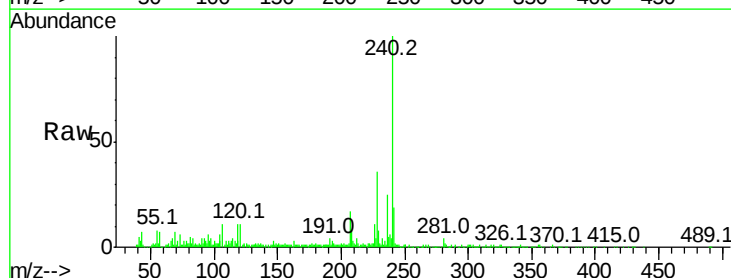
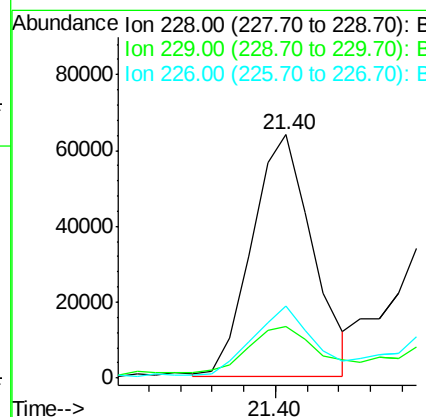
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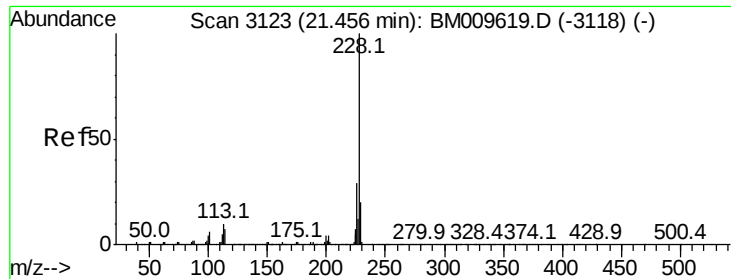
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#21
Benzo(a)anthracene
Concen: 1.62 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009621.D
Acq: 07 Apr 2017 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	84832		
229	21.2		15.9	23.9
226	29.6		22.1	33.1





#22

Chrysene

Concen: 1.77 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM009621.D

Acq: 07 Apr 2017 10:26

Instrument :

BNA_M

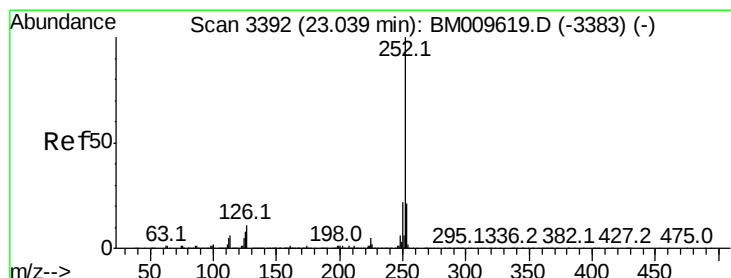
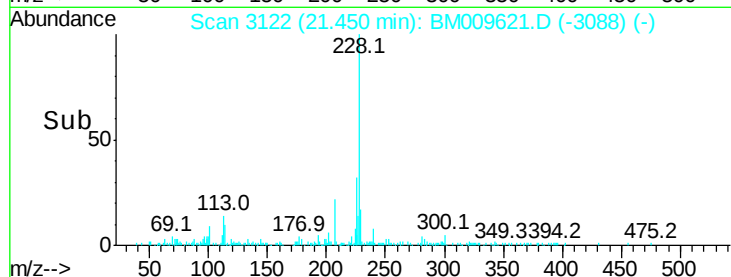
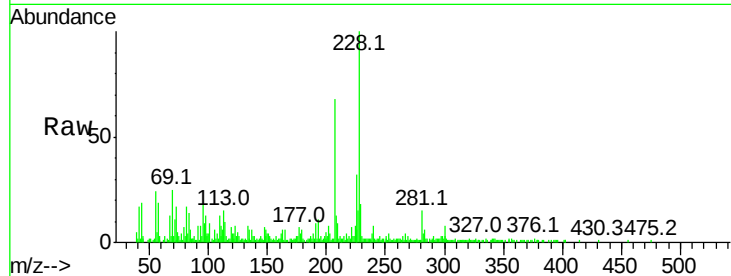
ClientSampleId :

CB334

Tot Ion:	228	Resp:	84812
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.0	37.6
229	17.7	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.23 ng/ul

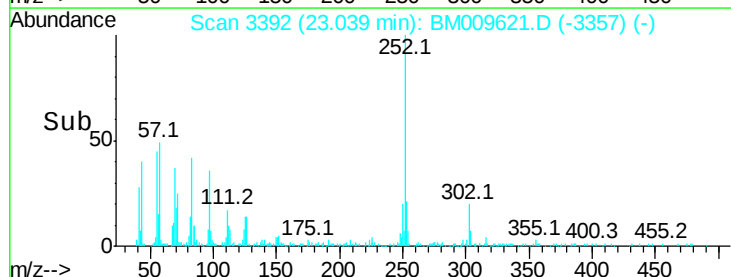
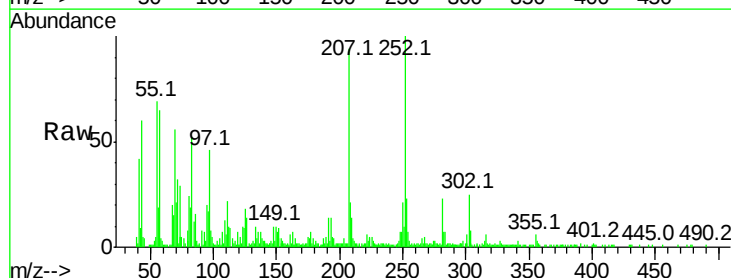
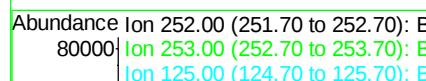
RT: 23.04 min Scan# 3392

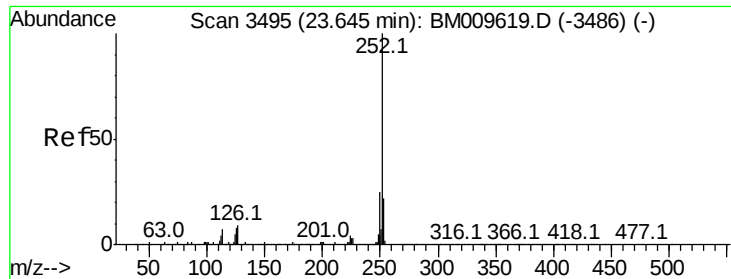
Delta R.T. 0.01 min

Lab File: BM009621.D

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Tgt Ion:	252	Resp:	124214
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	17.9	9.4	14.0





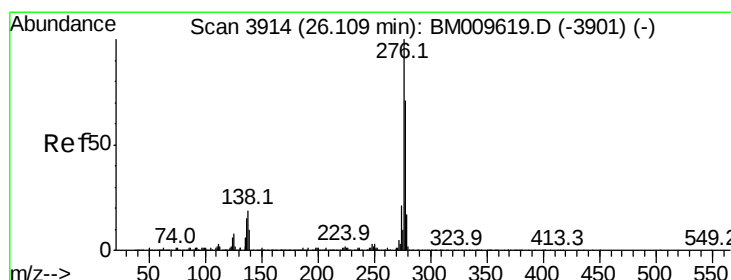
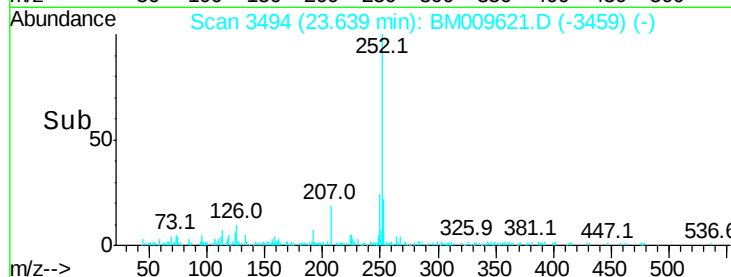
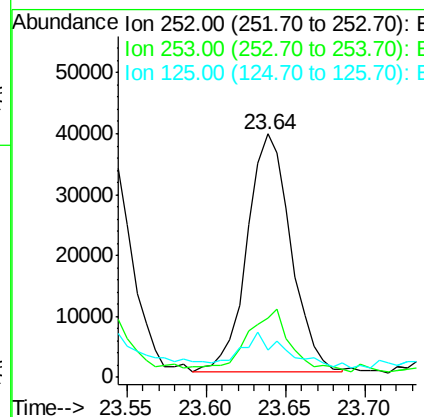
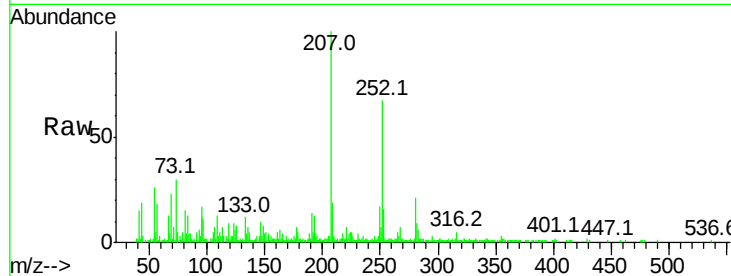
#27
Benzo(a)pyrene
Concen: 1.41 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009621.D
Acq: 07 Apr 2017 10:26

Instrument :
BNA_M
ClientSampleID :
CB334

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	11.2	9.4	14.2

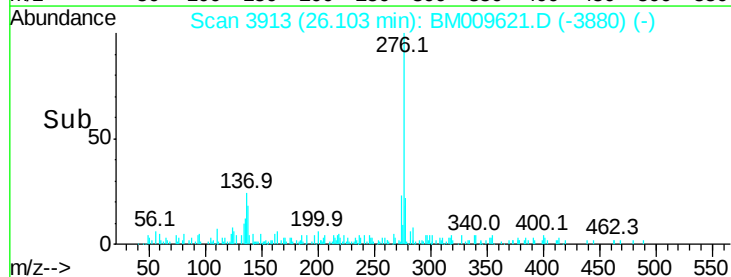
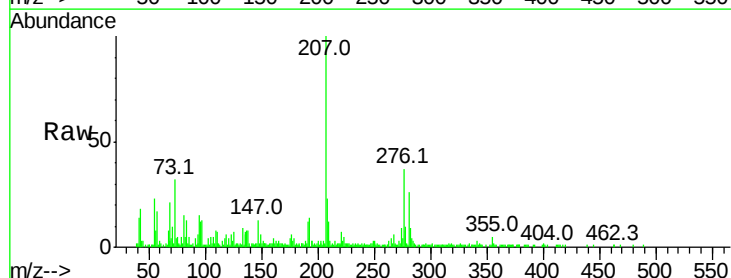
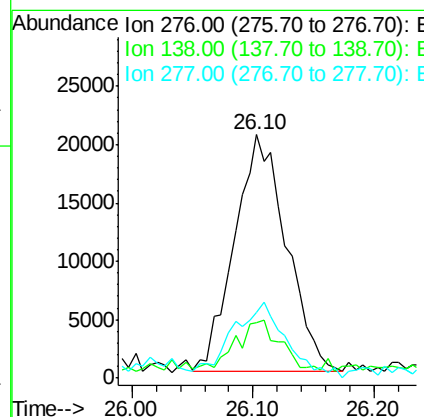
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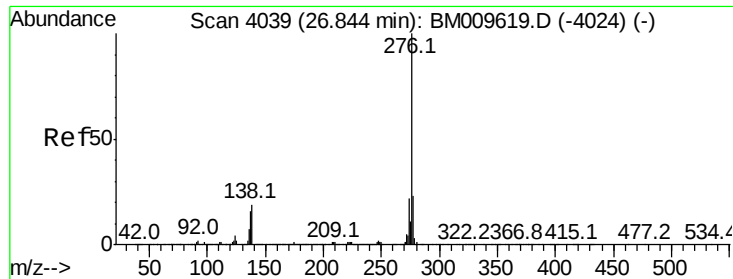
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#28
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009621.D
Acq: 07 Apr 2017 10:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.8	26.6
277	27.2	19.4	29.0





#30

Benzo(a,h,i)perylene

Concen: 1.15 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM009621.D

Acq: 07 Apr 2017 10:26

Instrument :

BNA_M

ClientSampleId :

CB334

Tot Ion:	276	Resp:	56205
Ion Ratio	Lower	Upper	
276	100		
138	19.3	19.0	28.4
277	20.5	19.7	29.5

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