

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
 Data File : BM007007.D
 Acq On : 10 Aug 2016 19:23
 Operator : UM/SJ
 Sample : H4301-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0E7

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Quant Time: Aug 10 20:02:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 19:42:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	322673	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1443525	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	874975	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2037728	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2262340	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1895131	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.33	96	9766	1.38	ng/uL	0.00
3) Phenol-d5	6.97	99	425560	14.82	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	261236	16.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	352010	16.16	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	299624	12.32	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	173251	15.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	189370	15.00	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	396431	16.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	349899	12.14	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1265939	16.93	ng/ul	0.00
17) Acenaphthylene-d8	14.14	160	1555986	17.77	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	150595	11.22	ng/ul	0.00
21) Fluorene-d10	15.44	176	1106191	17.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	112655	10.20	ng/ul	0.00
26) Anthracene-d10	17.29	188	1700915	17.91	ng/ul	0.00
30) Pyrene-d10	19.58	212	1971613	19.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	1575064	18.08	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.23	178	492236	4.51	ng/ul	100
28) Fluoranthene	19.24	202	1098663	7.99	ng/ul	99
31) Pyrene	19.61	202	935878	7.13	ng/ul	99
32) Benzo(a)anthracene	21.36	228	611020	4.59	ng/ul	95
33) Chrysene	21.41	228	601319	4.97	ng/ul	97
35) Benzo(b)fluoranthene	22.97	252	818132	6.95	ng/ul#	96
36) Benzo(k)fluoranthene	23.01	252	266478m	2.40	ng/ul	
38) Benzo(a)pyrene	23.55	252	512843	4.74	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.95	276	370955	3.45	ng/ul	98
40) Dibenzo(a,h)anthracene	25.96	278	98632	1.11	ng/ul#	78
41) Benzo(g,h,i)perylene	26.66	276	372027	4.21	ng/ul	96

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

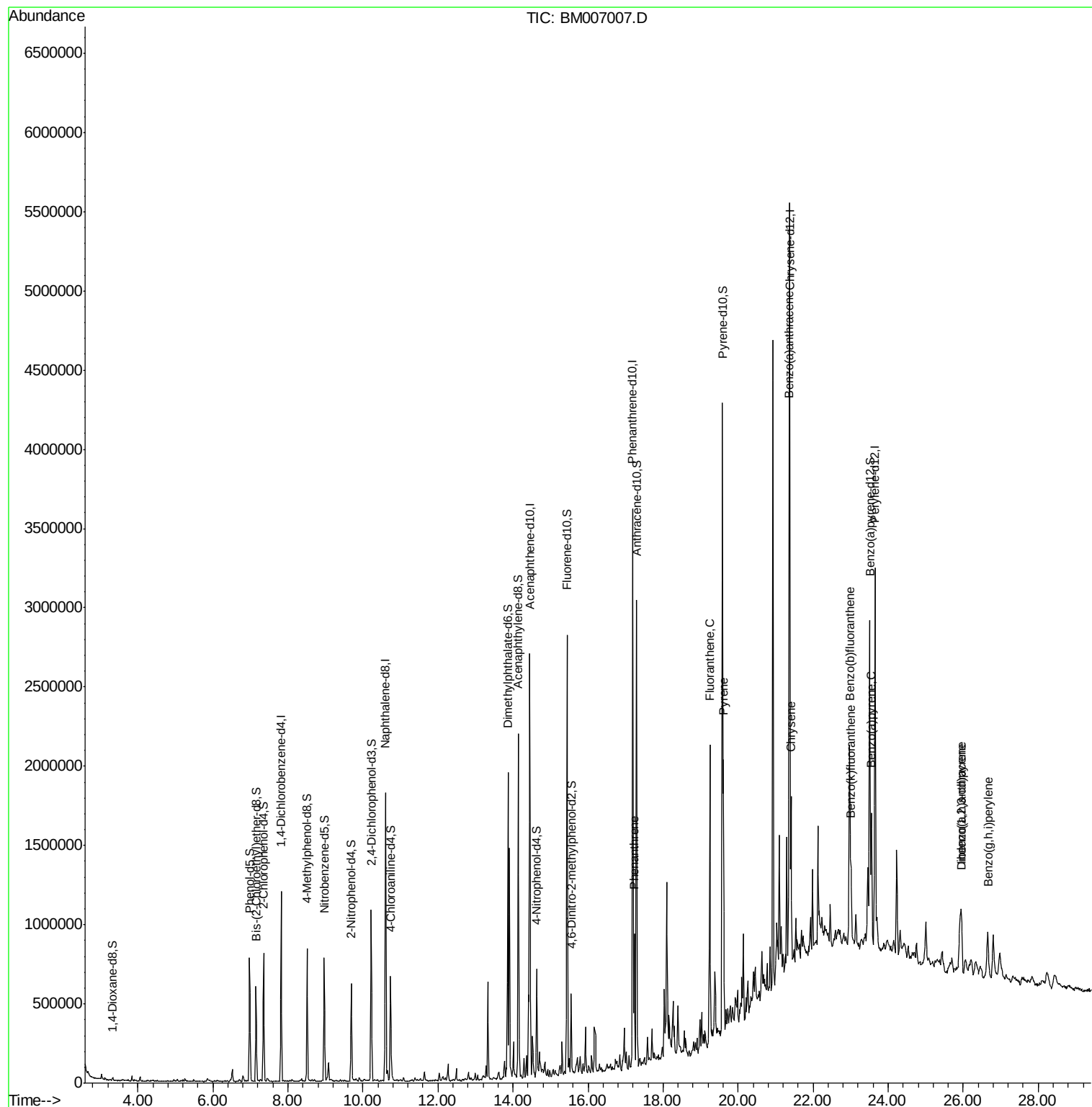
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007007.D
Acq On : 10 Aug 2016 19:23
Operator : UM/SJ
Sample : H4301-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

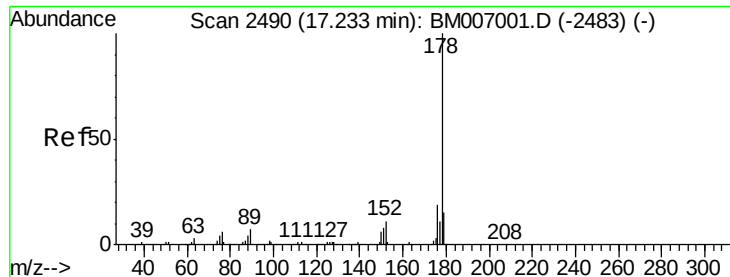
Instrument :
BNA_M
ClientSampleId :
DA0E7

Quant Time: Aug 10 20:02:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
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QLast Update : Wed Aug 10 19:42:55 2016
Response via : Initial Calibration

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#25

Phenanthrene

Concen: 4.51 ng/ul

RT: 17.23 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BM007007.D

Acq: 10 Aug 2016 19:23

Instrument :

BNA_M

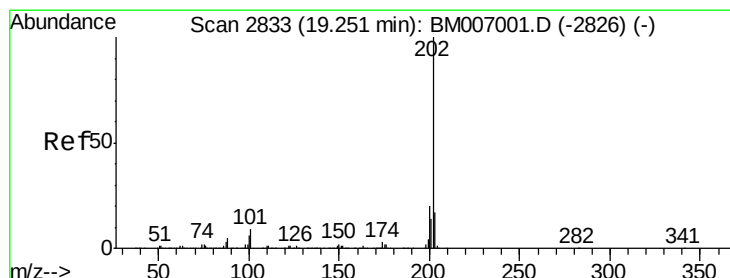
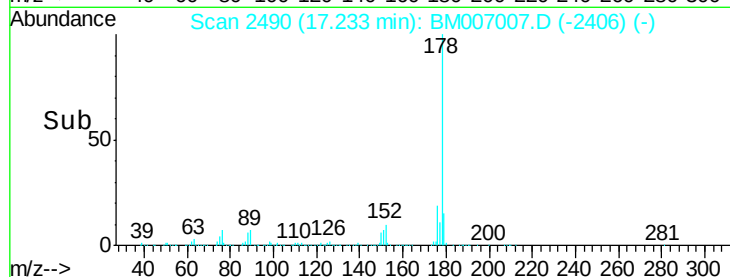
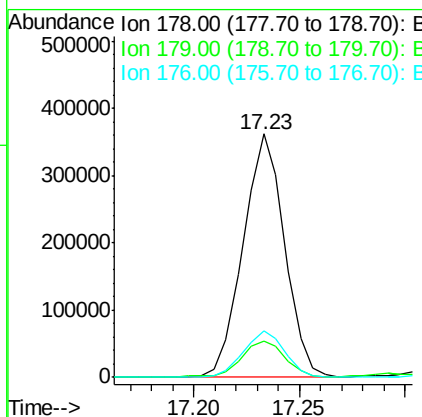
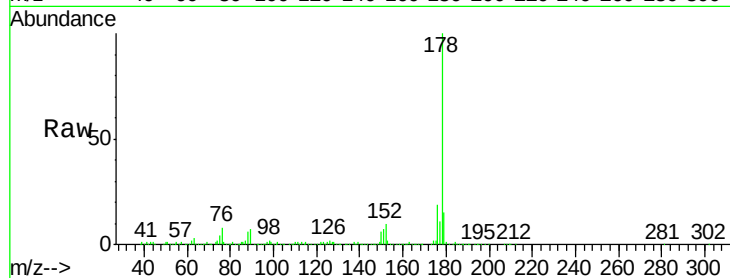
ClientSampleId :

DA0E7

Tgt Ion:	178	Resp:	492236
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.2
176	19.1	15.2	22.8

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#28

Fluoranthene

Concen: 7.99 ng/ul

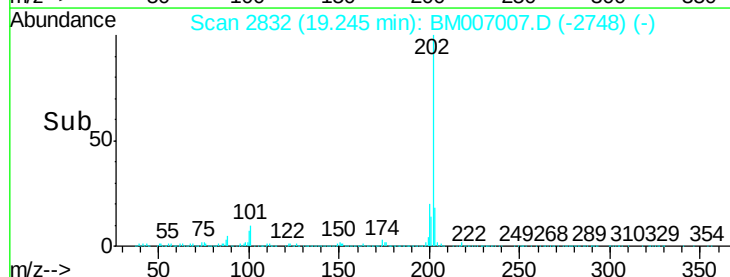
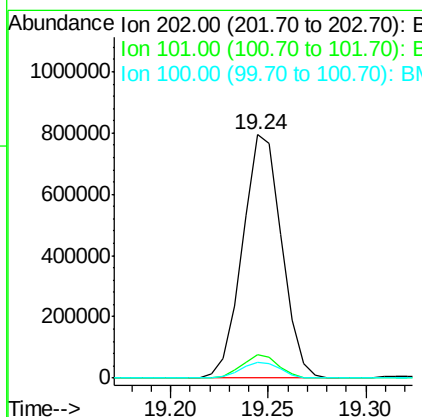
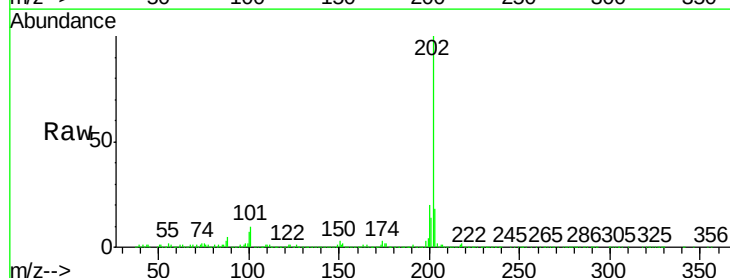
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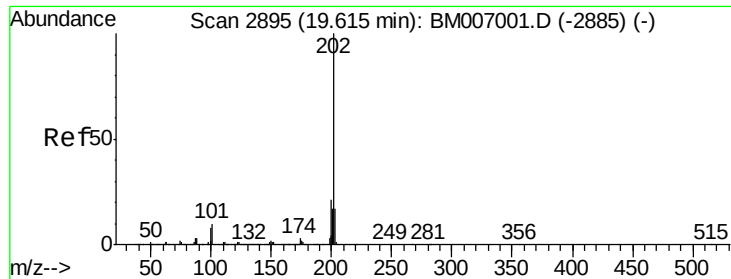
Delta R.T. -0.01 min

Lab File: BM007007.D

Acq: 10 Aug 2016 19:23

Tgt Ion:	202	Resp:	1098663
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.4	11.2
100	6.5	5.8	8.6





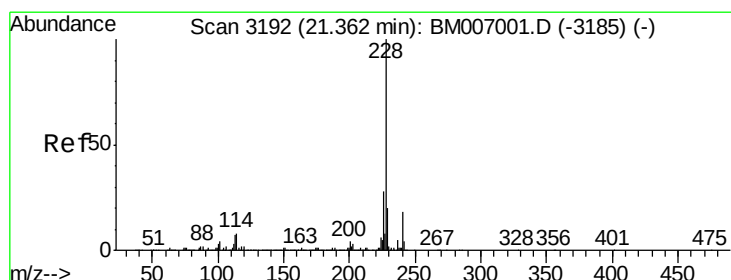
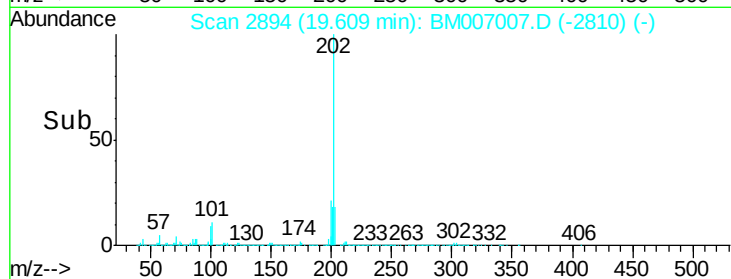
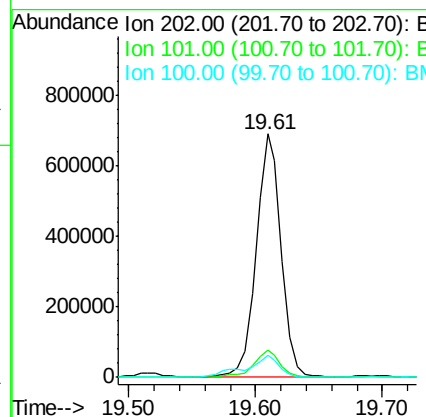
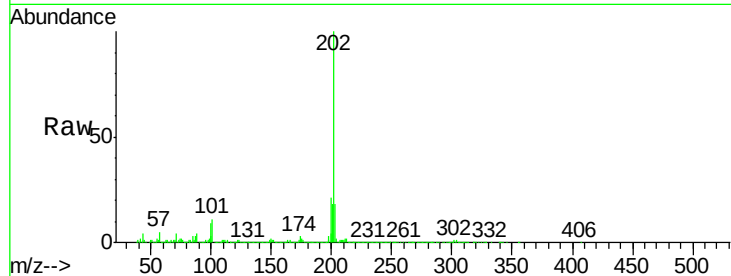
#31
 Pyrene
 Concen: 7.13 ng/ul
 RT: 19.61 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BM007007.D
 Acq: 10 Aug 2016 19:23

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	8.5	12.7
100	9.0	7.1	10.7

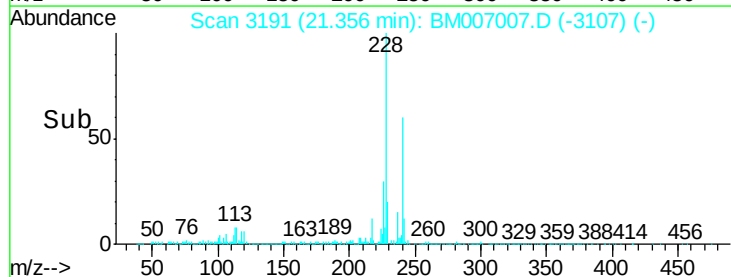
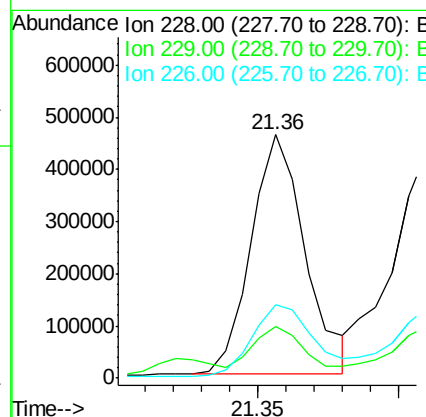
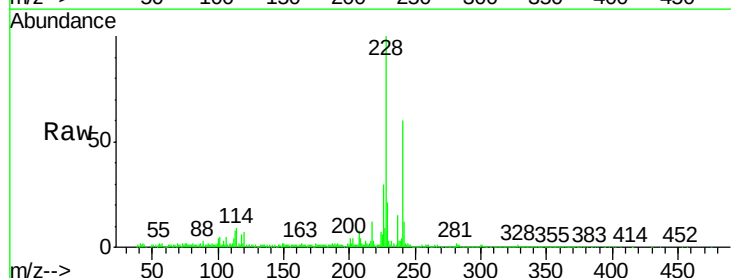
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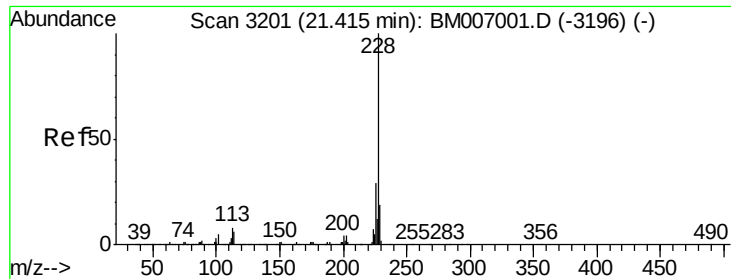
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#32
 Benzo(a)anthracene
 Concen: 4.59 ng/ul
 RT: 21.36 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BM007007.D
 Acq: 10 Aug 2016 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.8	23.6
226	30.4	21.9	32.9





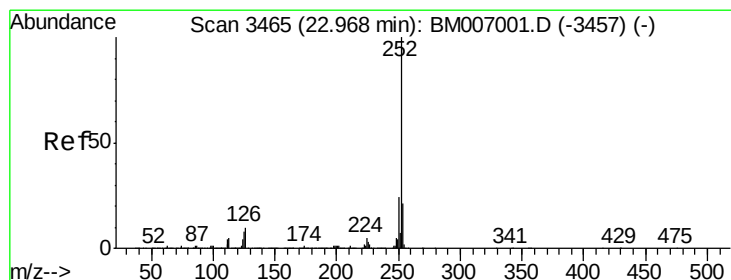
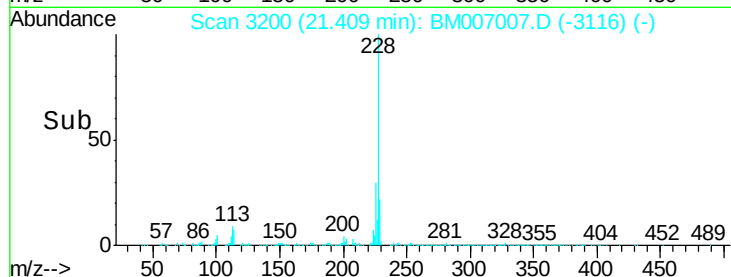
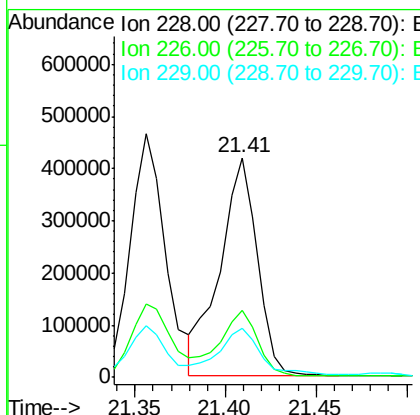
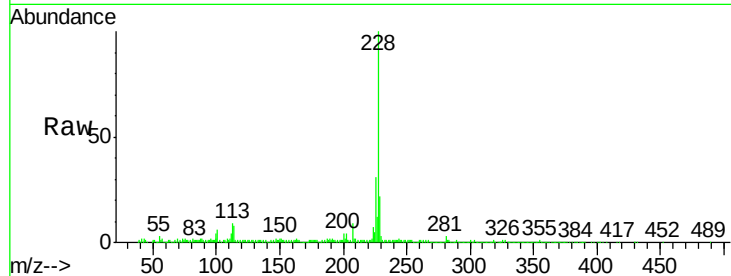
#33
Chrysene
Concen: 4.97 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BM007007.D
Acq: 10 Aug 2016 19:23

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	601319		
226	30.6		24.2	36.4
229	22.4		15.9	23.9

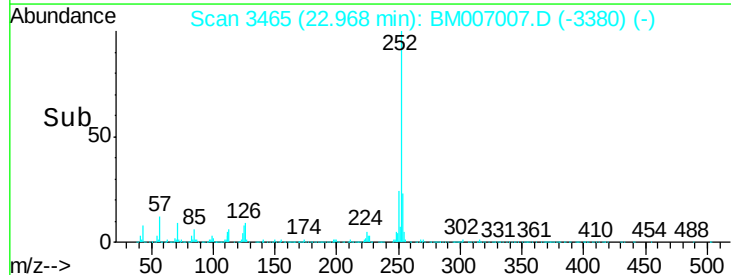
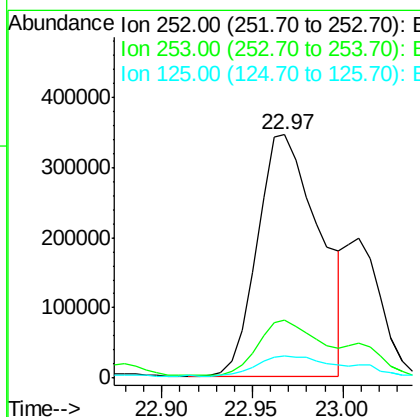
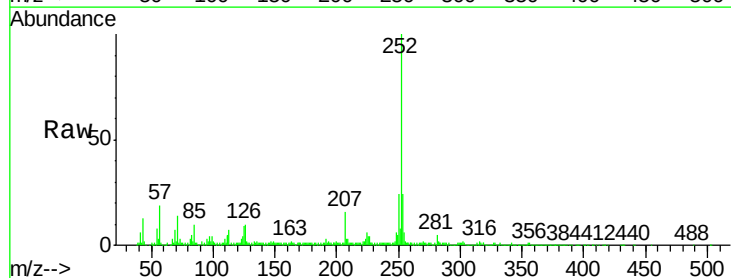
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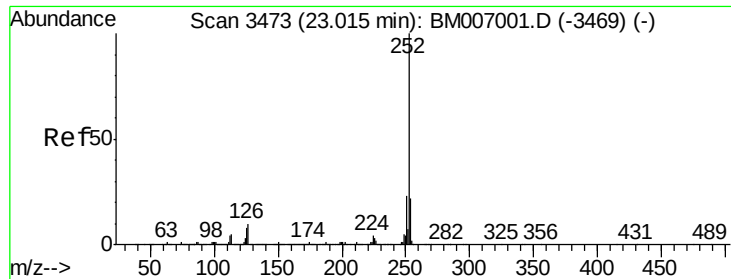
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#35
Benzo(b)fluoranthene
Concen: 6.95 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM007007.D
Acq: 10 Aug 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	818132		
253	23.8		17.4	26.2
125	9.1		6.0	9.0#





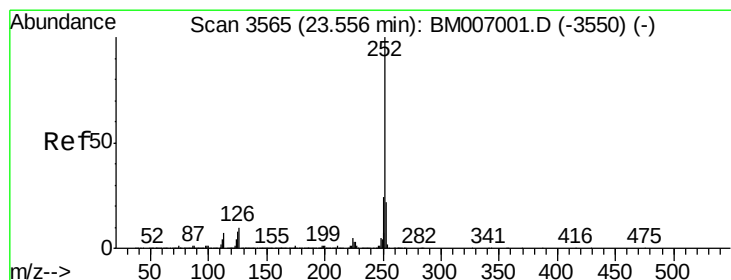
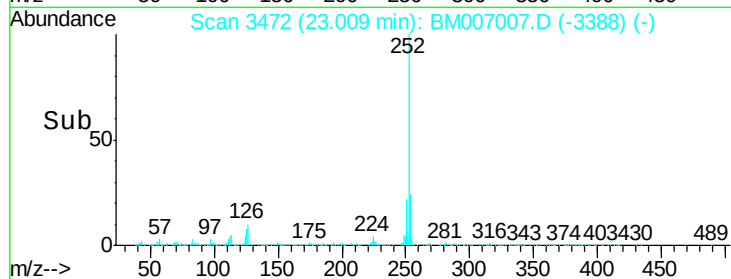
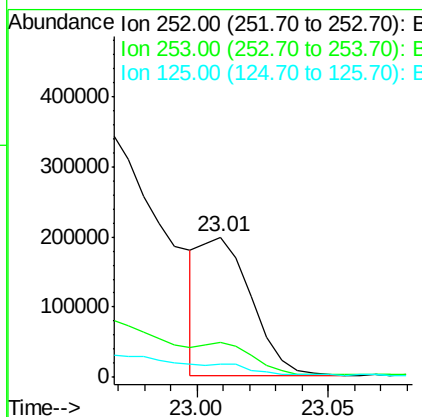
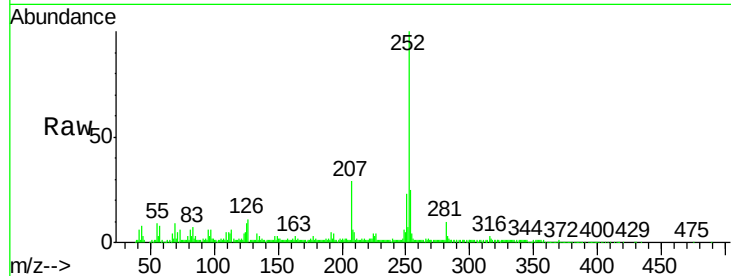
#36
Benzo(k)fluoranthene
Concen: 2.40 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM007007.D
Acq: 10 Aug 2016 19:23

Instrument :
BNA_M
ClientSampleId :
DA0E7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	266478		
253	24.8	17.8	26.6	
125	9.4	6.2	9.4#	

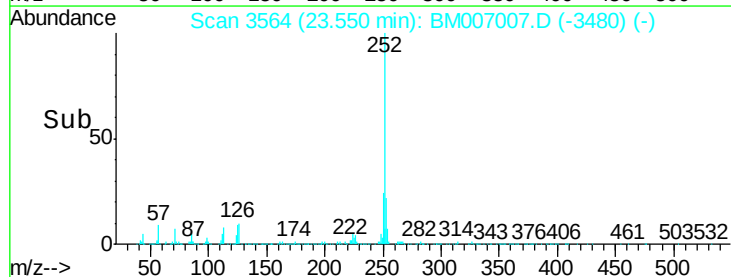
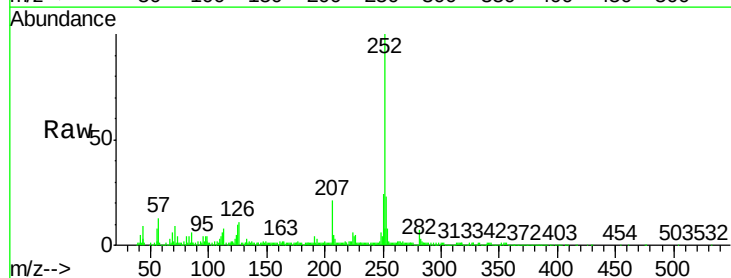
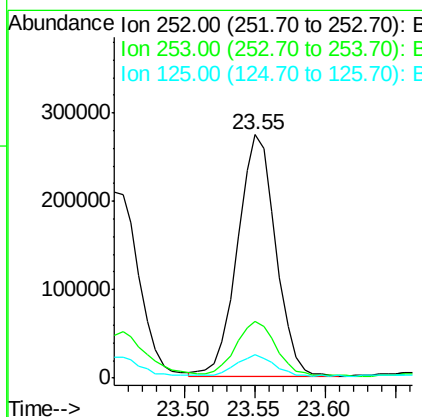
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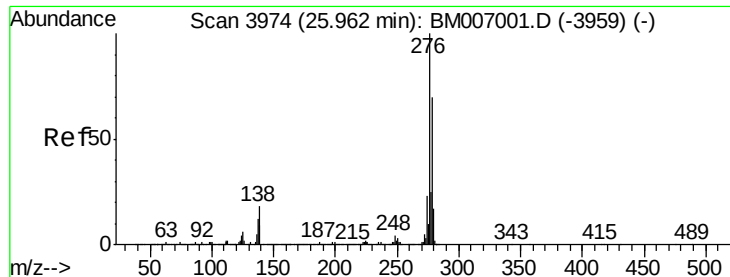
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#38
Benzo(a)pyrene
Concen: 4.74 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BM007007.D
Acq: 10 Aug 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	512843		
253	23.3	17.7	26.5	
125	9.6	6.8	10.2	





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.45 ng/ul

RT: 25.95 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM007007.D

Acq: 10 Aug 2016 19:23

Instrument :

BNA_M

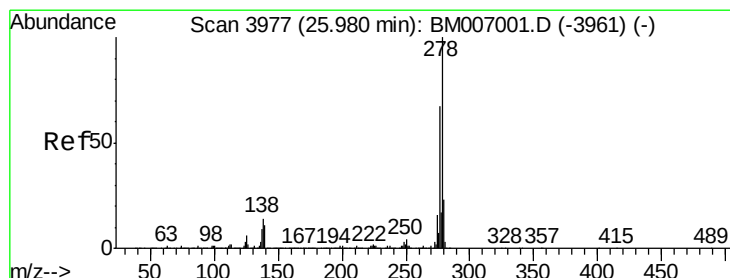
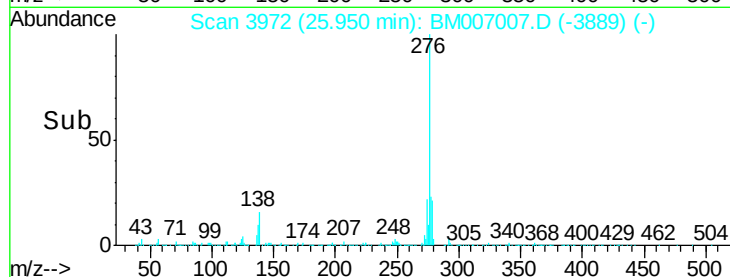
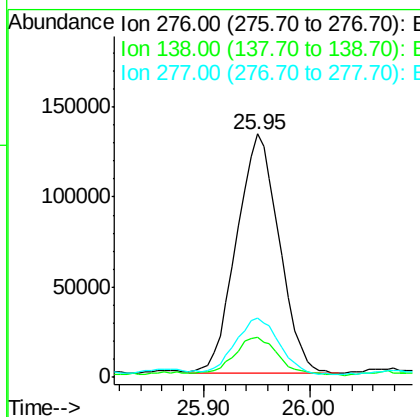
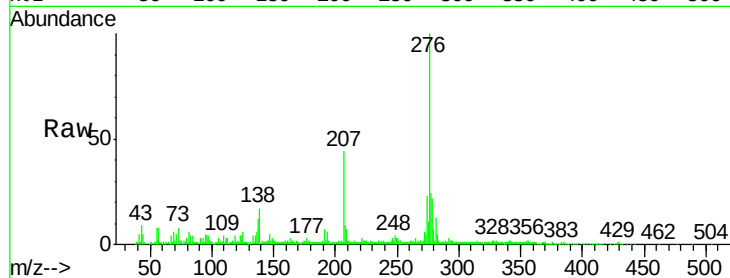
ClientSampleId :

DA0E7

Tgt Ion:	276	Resp:	370955
Ion Ratio		Lower	Upper
276	100		
138	16.7	14.9	22.3
277	24.2	19.8	29.6

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#40

Dibenzo(a,h)anthracene

Concen: 1.11 ng/ul

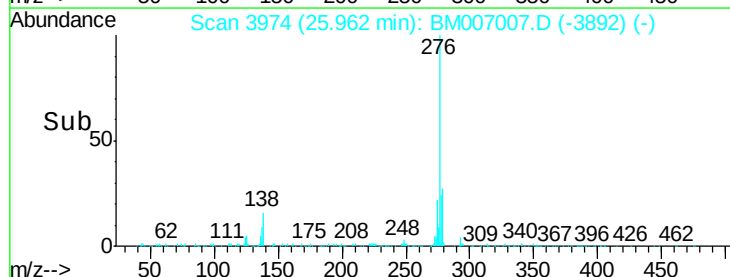
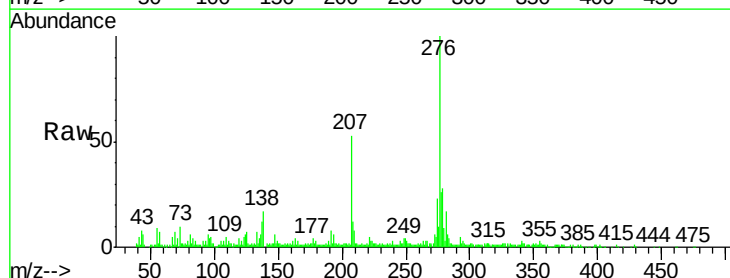
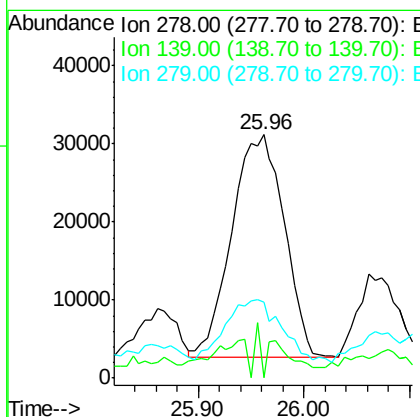
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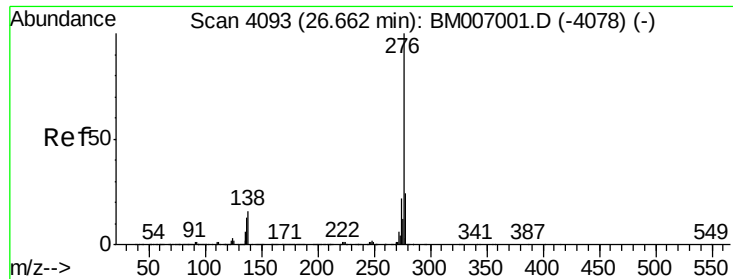
Delta R.T. -0.02 min

Lab File: BM007007.D

Acq: 10 Aug 2016 19:23

Tgt Ion:	278	Resp:	98632
Ion Ratio		Lower	Upper
278	100		
139	0.0	10.3	15.5#
279	31.1	18.8	28.2#





#41
 Benzo(g,h,i)perylene
 Concen: 4.21 ng/ul
 RT: 26.66 min Scan# 4092
 Delta R.T. -0.01 min
 Lab File: BM007007.D
 Acq: 10 Aug 2016 19:23

Instrument :
 BNA_M
 ClientSampleId :
 DA0E7

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.7	14.0	21.0
277	26.2	19.6	29.4

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