

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007230.D
 Acq On : 19 Aug 2016 10:54
 Operator : UM/SJ
 Sample : H4445-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N24

Manual Integrations
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Quant Time: Aug 19 13:13:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	244035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	976388	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	566009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1338554	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1668872	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1700414	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	15217	2.72	ng/uL	0.00
5) Phenol-d5	6.96	99	339573	17.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	216497	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	275812	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	258057	15.86	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	126420	17.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	126253	16.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	283157	17.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	300179	15.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	901777	19.28	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1119461	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	93937	11.21	ng/ul	0.00
57) Fluorene-d10	15.42	176	817047	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	62944	8.51	ng/ul	0.00
70) Anthracene-d10	17.27	188	1284989	20.72	ng/ul	0.00
76) Pyrene-d10	19.57	212	1562672	22.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1637456	21.05	ng/ul	0.00

Target Compounds						Qvalue
44) Dimethylphthalate	13.89	163	313862	6.71	ng/ul	98
69) Phenanthrene	17.22	178	254130	3.53	ng/ul	99
74) Fluoranthene	19.23	202	553396	6.34	ng/ul	100
77) Pyrene	19.60	202	501077	5.43	ng/ul	99
80) Benzo(a)anthracene	21.35	228	313765	3.18	ng/ul	99
82) Chrysene	21.39	228	320110	3.55	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	463021	4.52	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	143256m	1.49	ng/ul	
88) Benzo(a)pyrene	23.53	252	292049	3.01	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.92	276	222801	1.87	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	241251	2.40	ng/ul	99

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

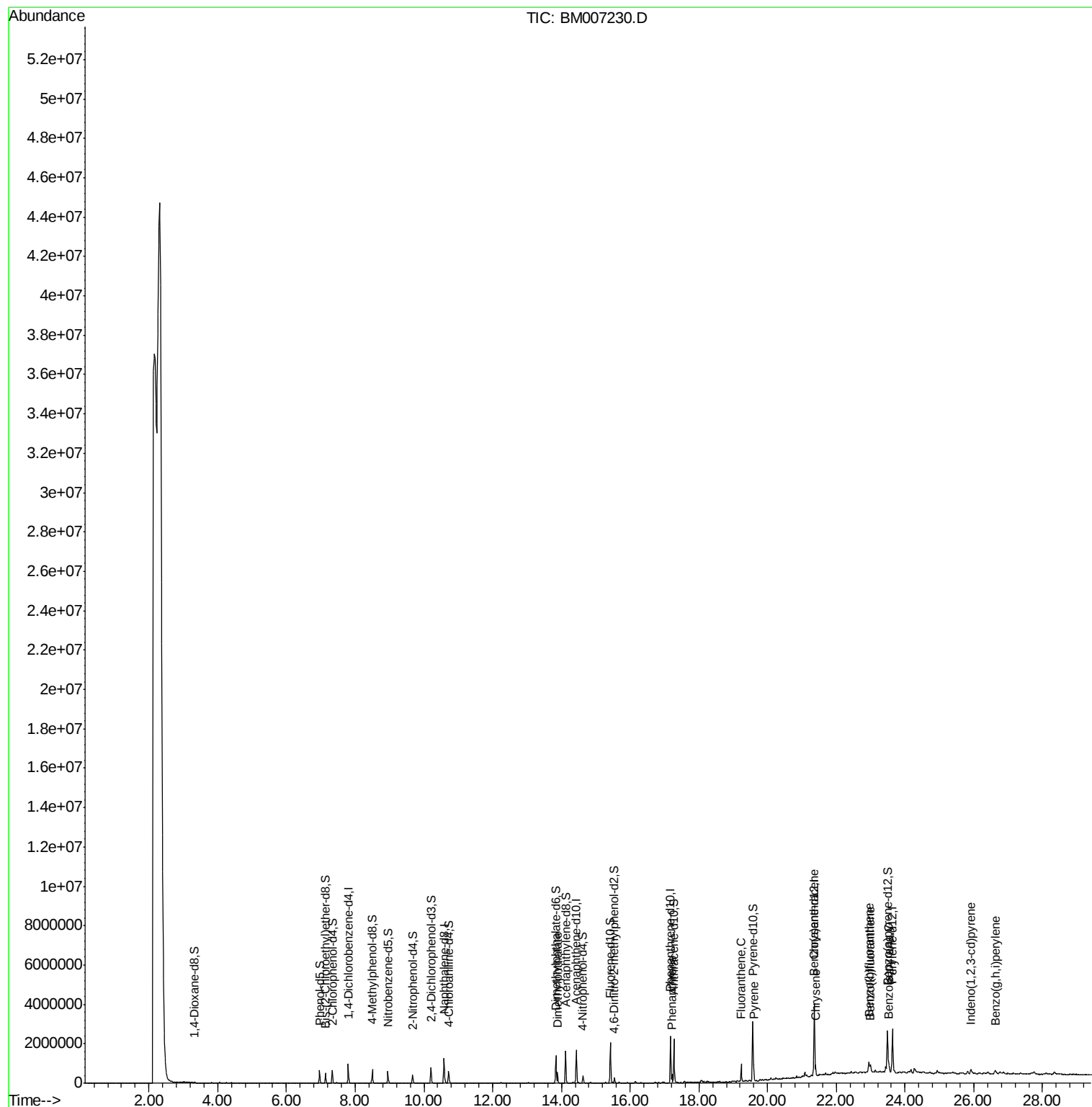
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007230.D
Acq On : 19 Aug 2016 10:54
Operator : UM/SJ
Sample : H4445-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

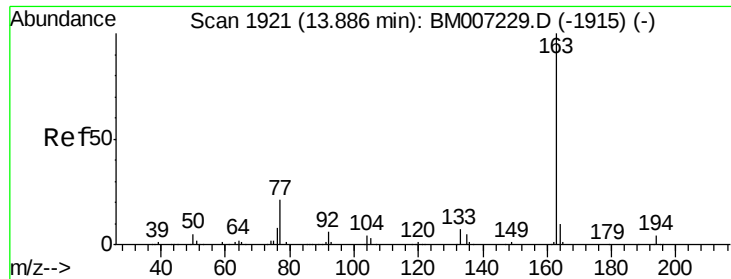
Instrument :
BNA_M
ClientSampleId :
E5N24

Quant Time: Aug 19 13:13:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
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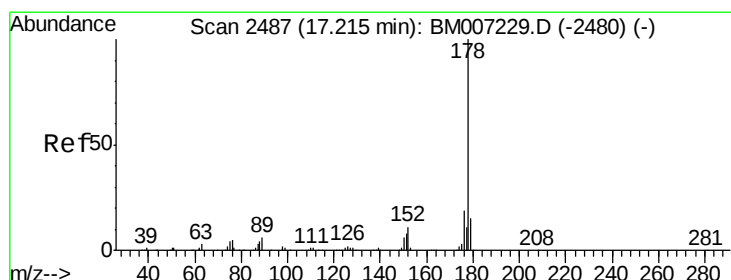
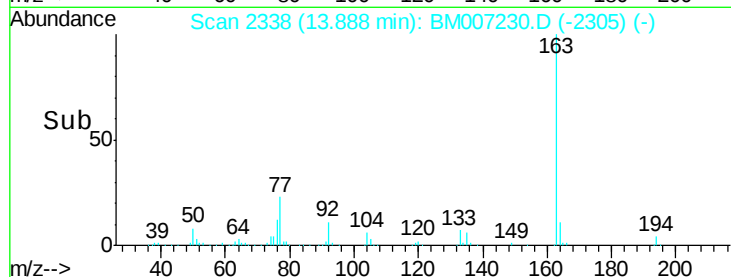
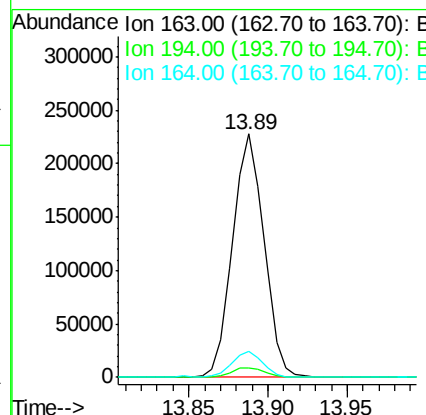
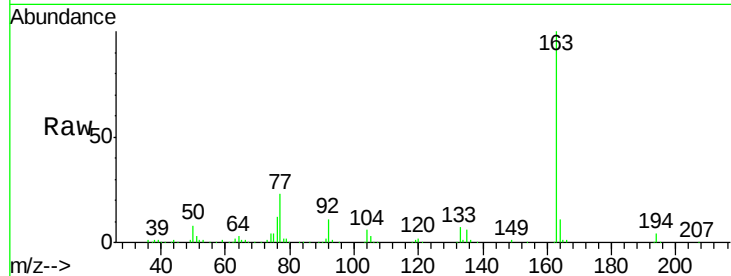
#44
Dimethylphthalate
Concen: 6.71 ng/ul
RT: 13.89 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Instrument :
BNA_M
ClientSampleId :
E5N24

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	313862		
194	4.0		3.4	5.2
164	10.8		7.8	11.8

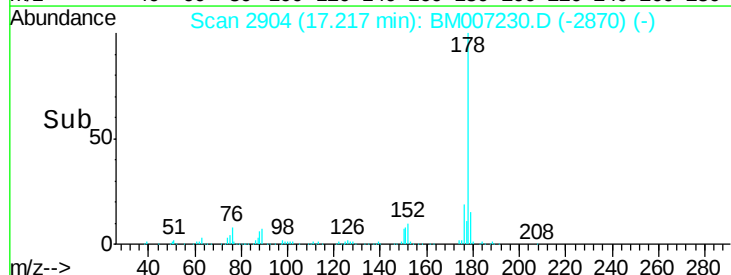
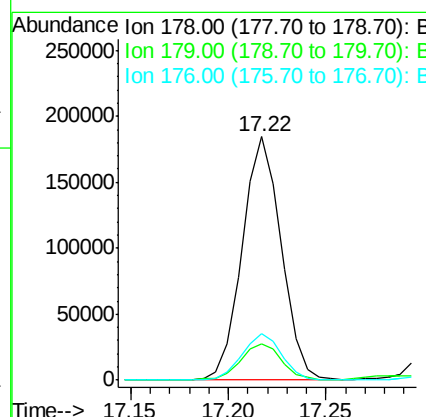
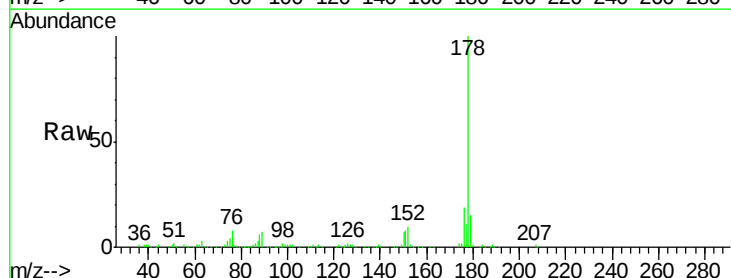
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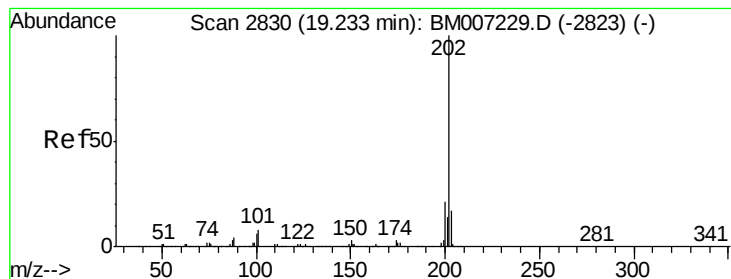
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#69
Phenanthrene
Concen: 3.53 ng/ul
RT: 17.22 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	254130		
179	15.1		12.2	18.2
176	19.3		15.1	22.7





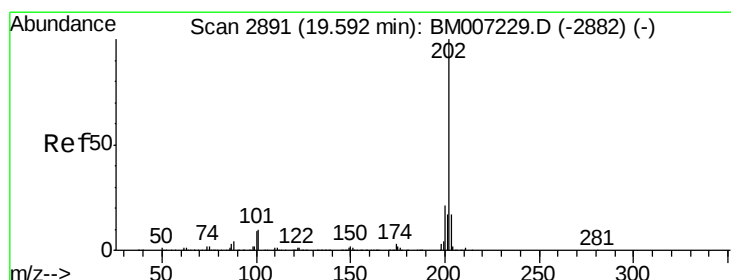
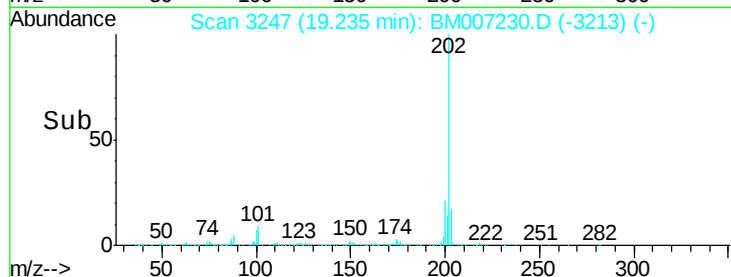
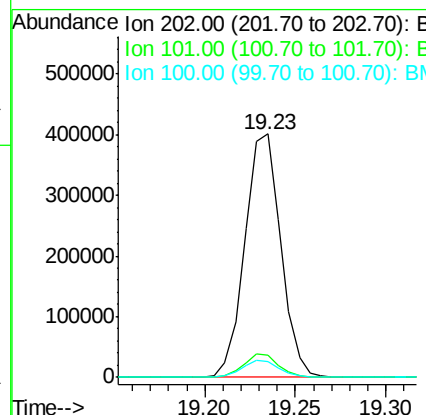
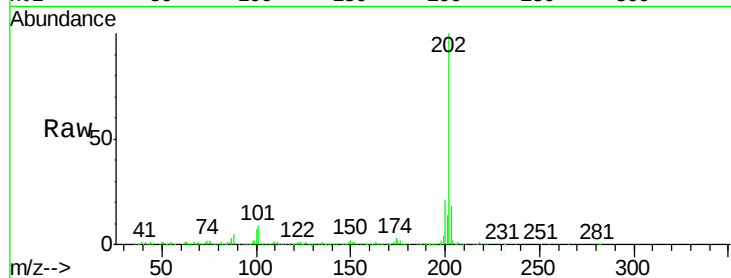
#74
 Fluoranthene
 Concen: 6.34 ng/ul
 RT: 19.23 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BM007230.D
 Acq: 19 Aug 2016 10:54

Instrument :
 BNA_M
 ClientSampled :
 E5N24

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.9	6.9	10.3
100	6.7	5.4	8.0

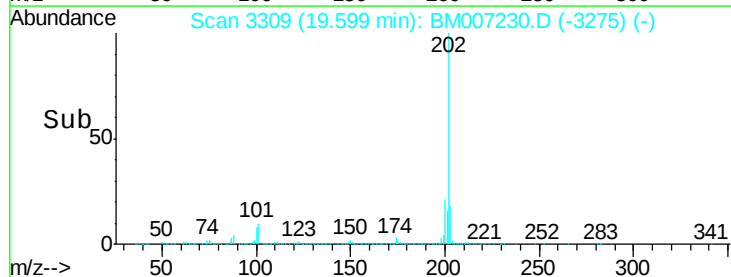
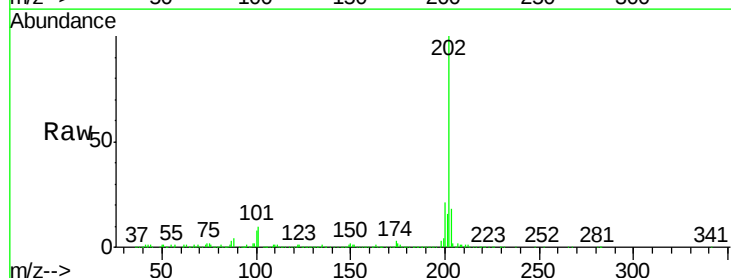
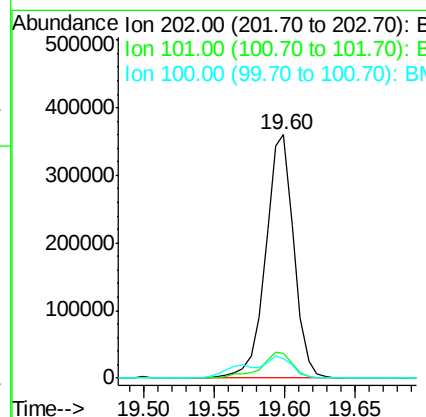
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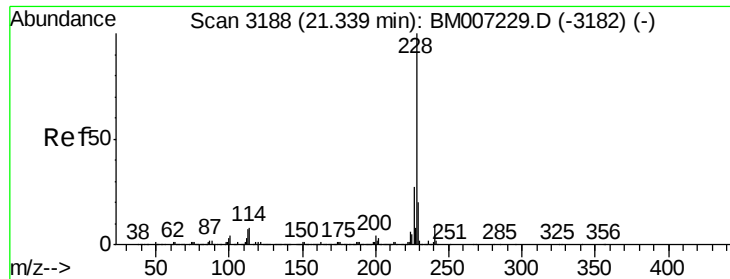
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#77
 Pyrene
 Concen: 5.43 ng/ul
 RT: 19.60 min Scan# 3309
 Delta R.T. 0.00 min
 Lab File: BM007230.D
 Acq: 19 Aug 2016 10:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	8.4	12.6
100	7.8	6.9	10.3





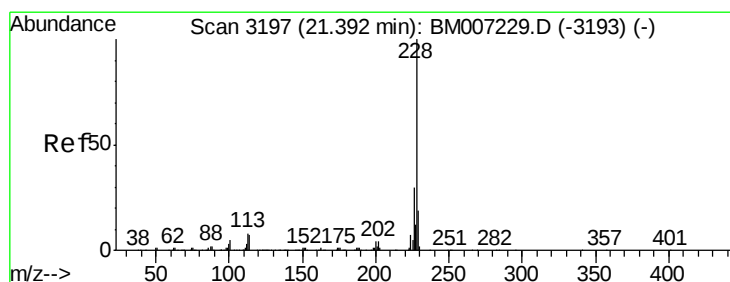
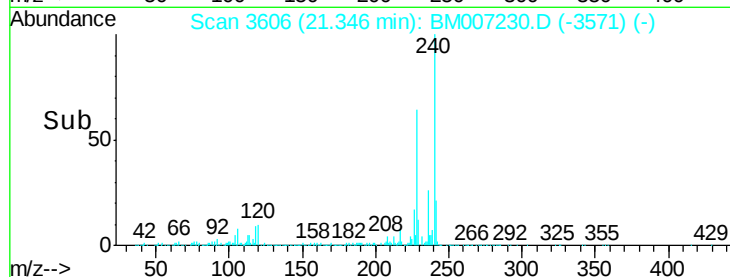
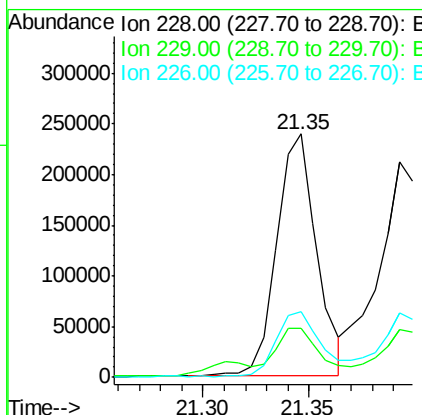
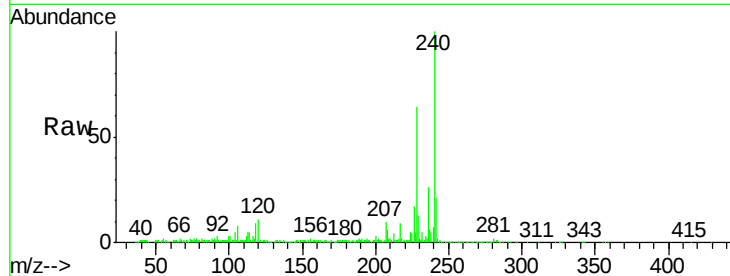
#80
Benzo(a)anthracene
Concen: 3.18 ng/ul
RT: 21.35 min Scan# 3606
Delta R.T. 0.01 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Instrument :
BNA_M
ClientSampleId :
E5N24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	27.0	21.8	32.8

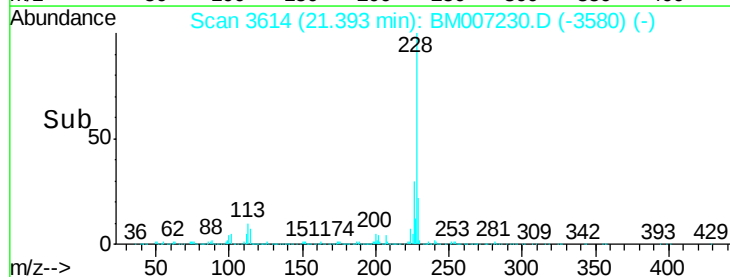
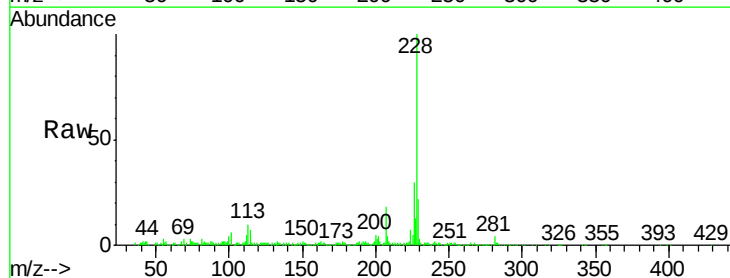
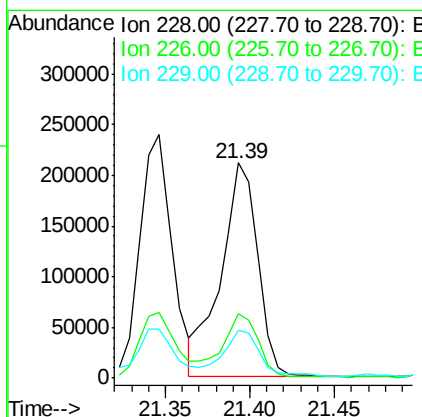
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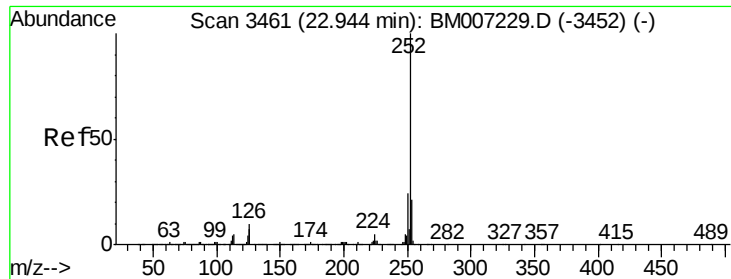
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#82
Chrysene
Concen: 3.55 ng/ul
RT: 21.39 min Scan# 3614
Delta R.T. 0.00 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.4	15.5	23.3





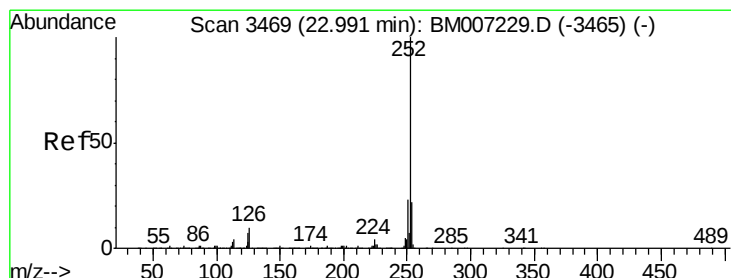
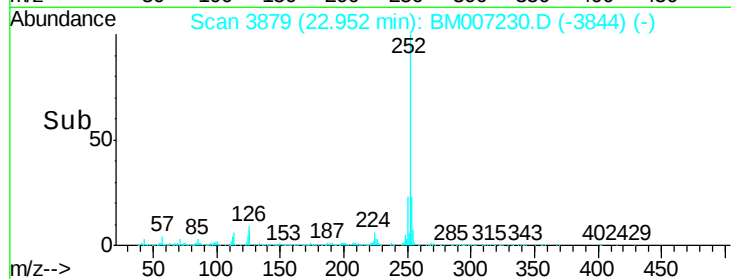
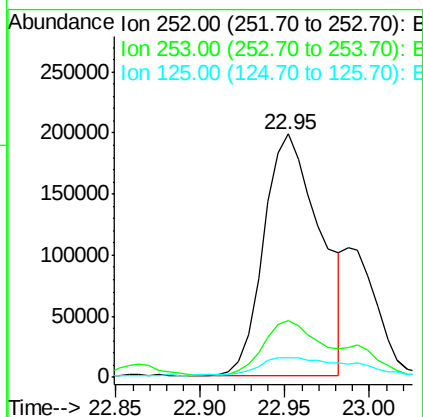
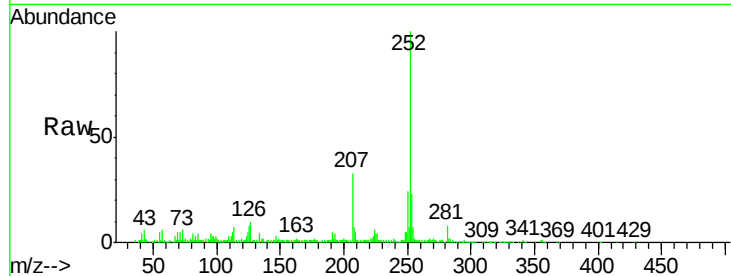
#85
Benzo(b)fluoranthene
Concen: 4.52 ng/ul
RT: 22.95 min Scan# 3879
Delta R.T. 0.01 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Instrument :
BNA_M
ClientSampled :
E5N24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.1	5.8	8.8

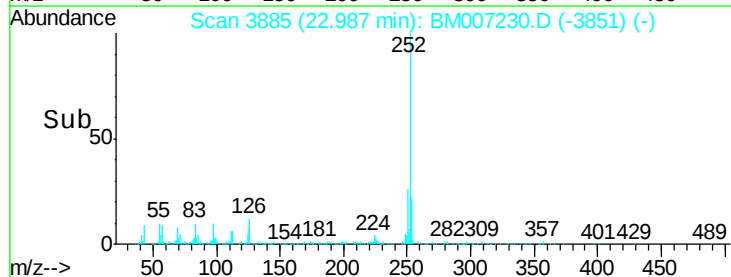
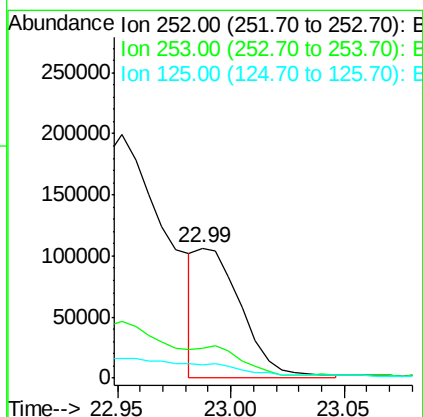
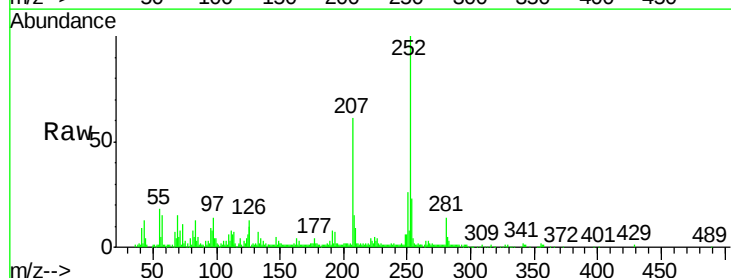
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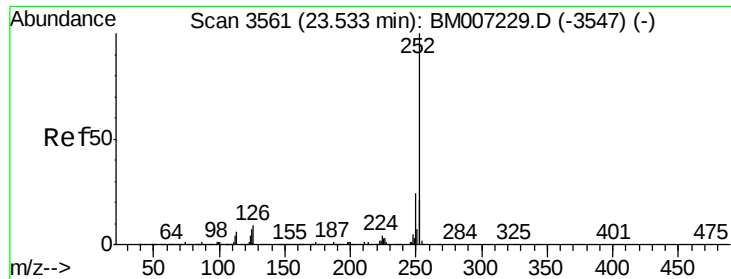
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#86
Benzo(k)fluoranthene
Concen: 1.49 ng/ul m
RT: 22.99 min Scan# 3885
Delta R.T. 0.00 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.0	5.7	8.5#





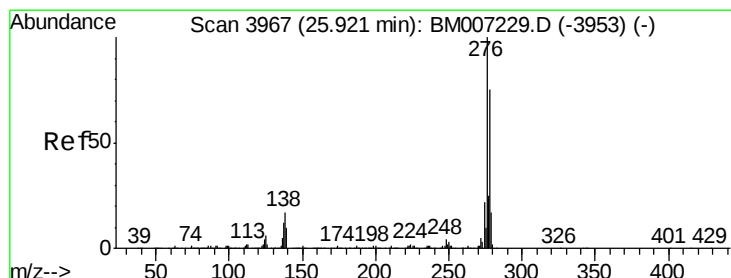
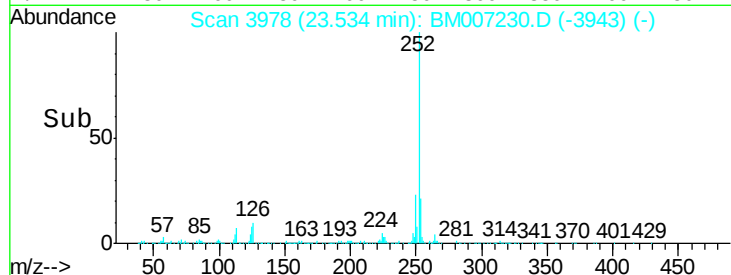
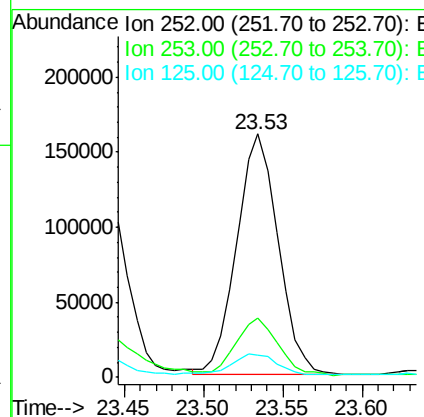
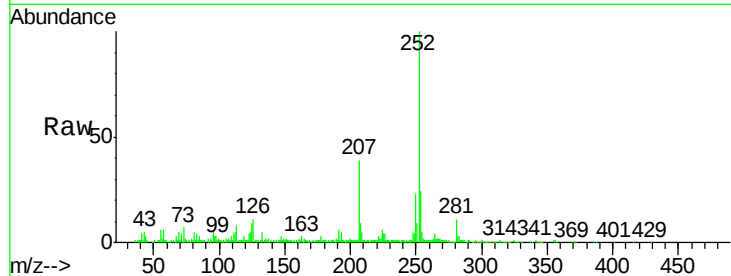
#88
Benzo(a)pyrene
Concen: 3.01 ng/ul
RT: 23.53 min Scan# 3978
Delta R.T. 0.01 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Instrument :
BNA_M
ClientSampleId :
E5N24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	292049		
253	24.3	17.7	26.5	
125	9.0	6.6	9.8	

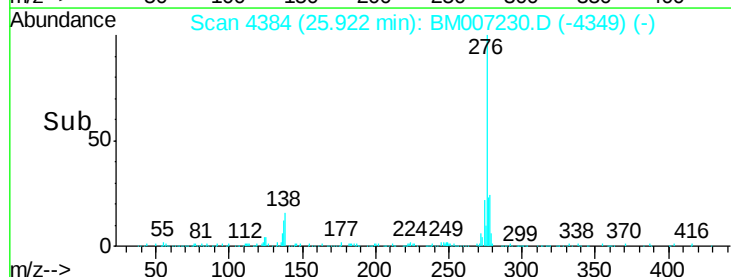
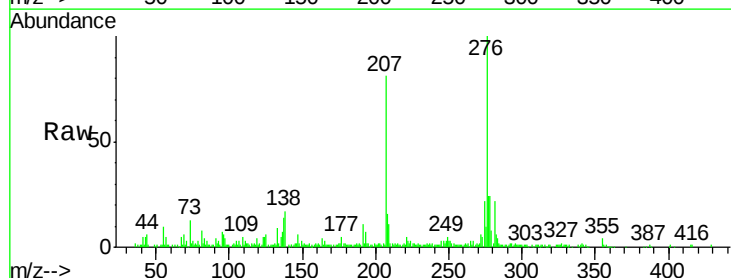
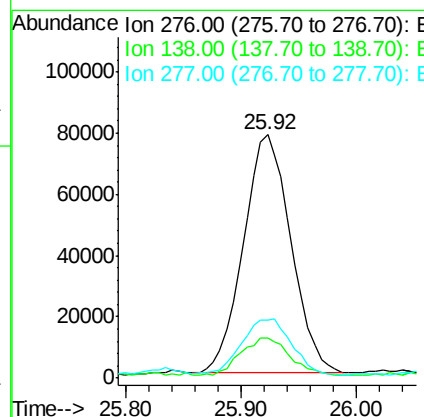
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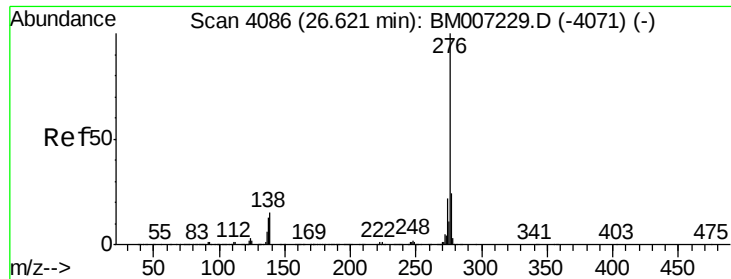
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.87 ng/ul
RT: 25.92 min Scan# 4384
Delta R.T. 0.01 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	222801		
138	16.6	13.9	20.9	
277	23.6	20.1	30.1	





#91
 Benzo(g,h,i)perylene
 Concen: 2.40 ng/ul
 RT: 26.63 min Scan# 4504
 Delta R.T. 0.01 min
 Lab File: BM007230.D
 Acq: 19 Aug 2016 10:54

Instrument :
 BNA_M
 ClientSampleId :
 E5N24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.5	20.3
277	24.0	19.3	28.9

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