

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
 Data File : BM007036.D
 Acq On : 12 Aug 2016 10:21
 Operator : UM/SJ
 Sample : H4224-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJN4

Manual Integrations
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Quant Time: Aug 12 16:53:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:51:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	346156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1609605	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	1034752	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2567127	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2791151	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2374699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	7916	1.00	ng/uL	0.00
5) Phenol-d5	6.97	99	293488	10.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	190221	11.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	246572	11.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	139308	6.04	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	126365	10.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	136769	10.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	268086	10.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	254177	8.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	980205	11.46	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1149911	11.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	131404	8.57	ng/ul	0.00
57) Fluorene-d10	15.43	176	881562	11.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	1705	0.12	ng/ul	-0.06
70) Anthracene-d10	17.28	188	1386063	11.65	ng/ul	0.00
76) Pyrene-d10	19.57	212	1672029	14.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1315308	12.11	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.90	163	380527	4.45	ng/ul	100
68) Pentachlorophenol	16.83	266	22584	1.12	ng/ul	89
69) Phenanthrene	17.23	178	300410	2.18	ng/ul	99
74) Fluoranthene	19.24	202	710156	4.24	ng/ul	99
77) Pyrene	19.60	202	576270	3.73	ng/ul	100
80) Benzo(a)anthracene	21.35	228	289365	1.75	ng/ul	98
82) Chrysene	21.40	228	338598	2.25	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	332758	2.33	ng/ul#	95
86) Benzo(k)fluoranthene	23.00	252	148167m	1.10	ng/ul	
88) Benzo(a)pyrene	23.54	252	221348	1.63	ng/ul	97

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

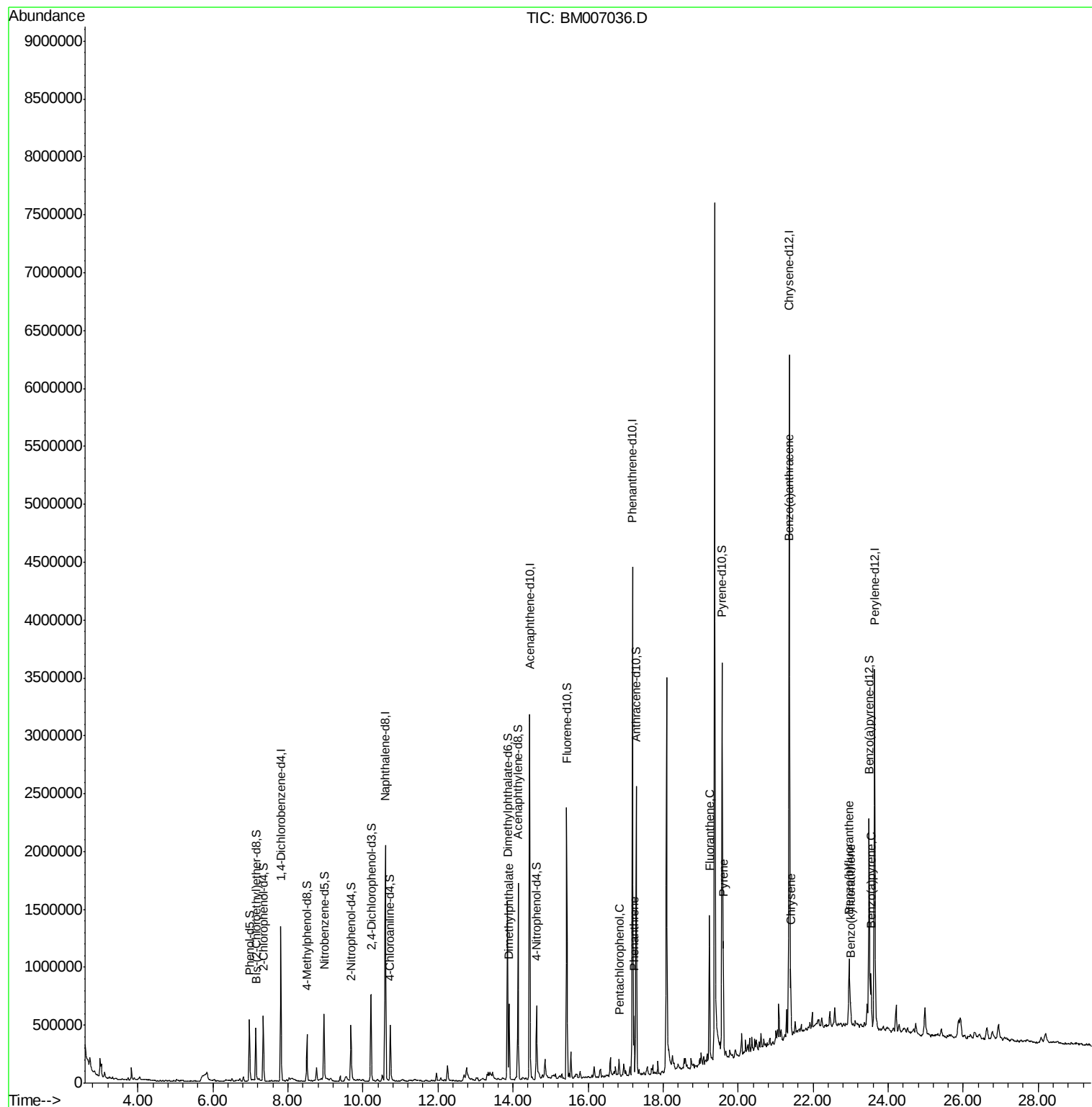
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
Data File : BM007036.D
Acq On : 12 Aug 2016 10:21
Operator : UM/SJ
Sample : H4224-11
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ALS Vial : 6 Sample Multiplier: 1

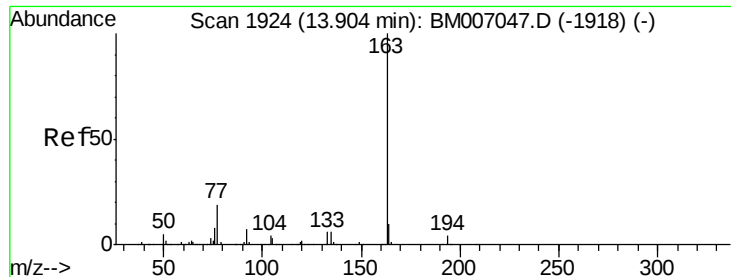
Instrument :
BNA_M
ClientSampleId :
BDJN4

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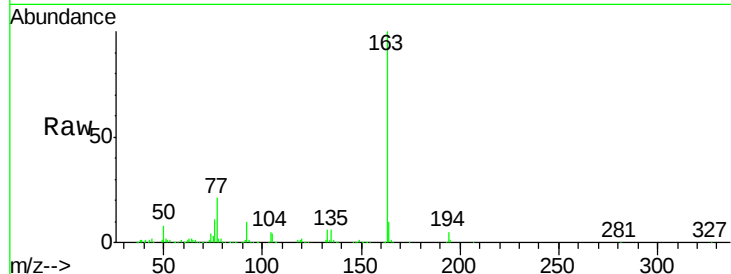
#44
Dimethylphthalate
Concen: 4.45 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007036.D
Acq: 12 Aug 2016 10:21

Instrument :
BNA_M
ClientSampleId :
BDJN4

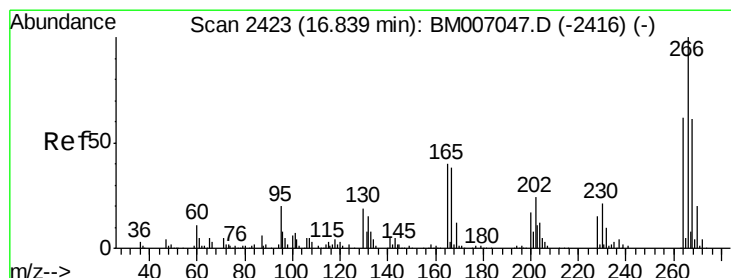
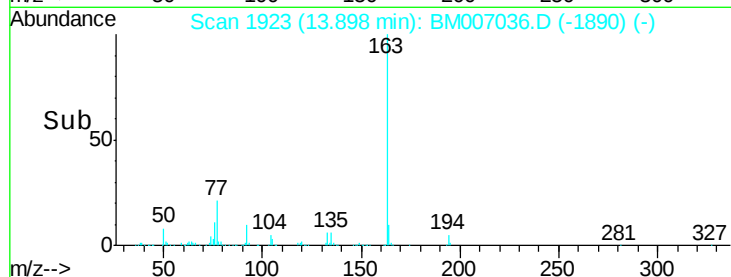
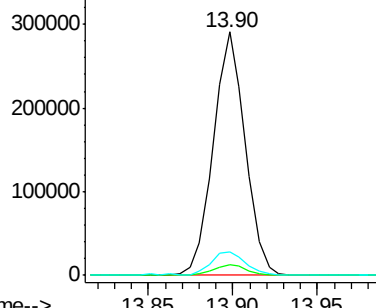
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	380527		
194	4.5		3.4	5.2
164	9.7		7.8	11.8

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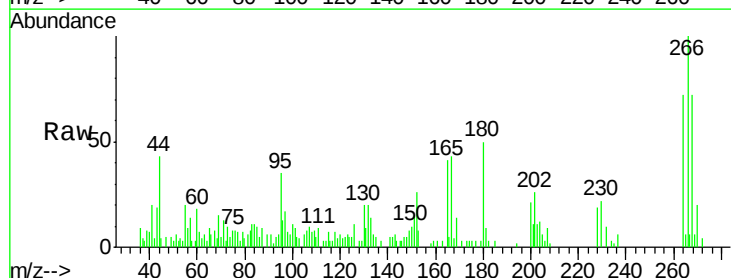


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

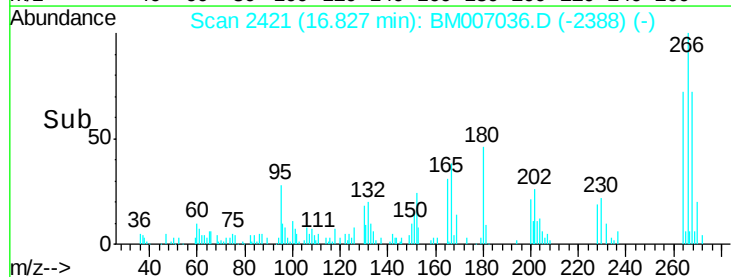
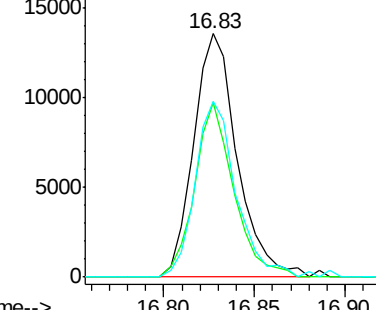


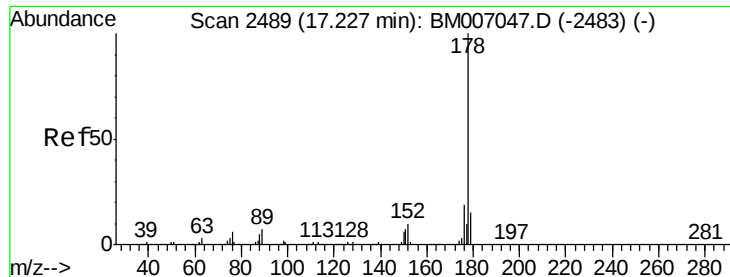
#68
Pentachlorophenol
Concen: 1.12 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BM007036.D
Acq: 12 Aug 2016 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	22584		
264	71.9		50.6	75.8
268	72.0		51.0	76.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





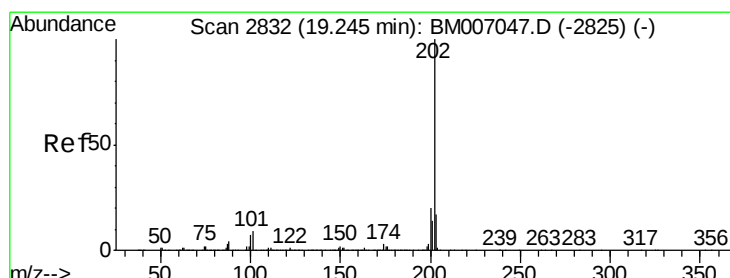
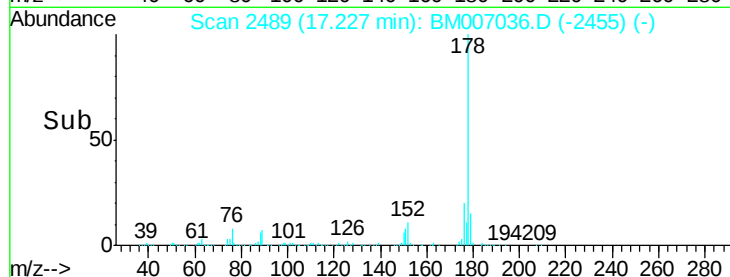
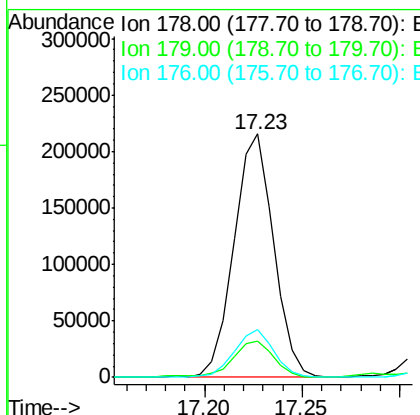
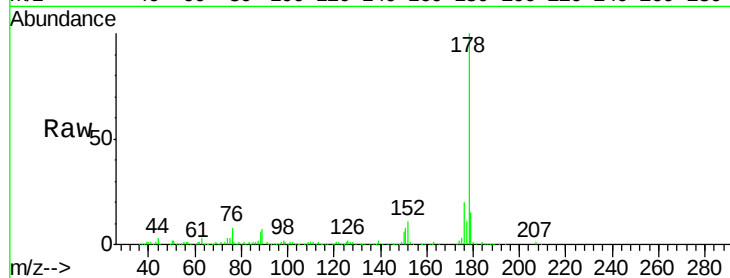
#69
Phenanthrene
Concen: 2.18 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BM007036.D
Acq: 12 Aug 2016 10:21

Instrument :
BNA_M
ClientSampled :
BDJN4

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	300410		
179	14.9	12.2	18.2	
176	19.6	15.1	22.7	

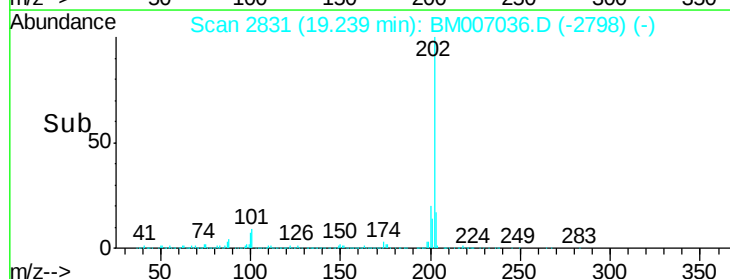
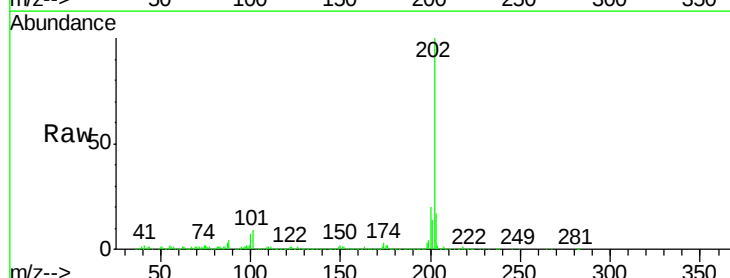
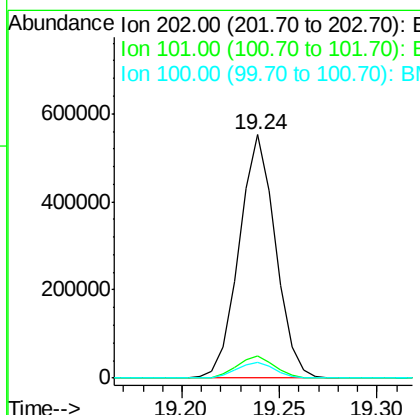
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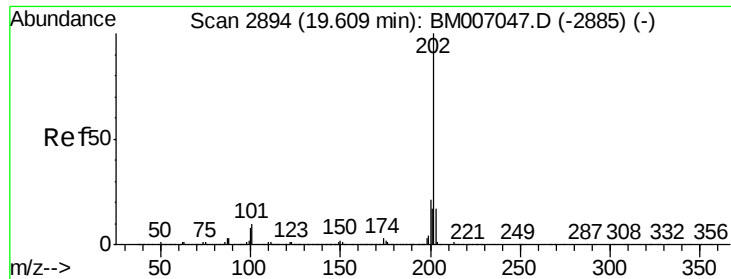
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#74
Fluoranthene
Concen: 4.24 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007036.D
Acq: 12 Aug 2016 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	710156		
101	8.9	6.9	10.3	
100	6.7	5.4	8.0	





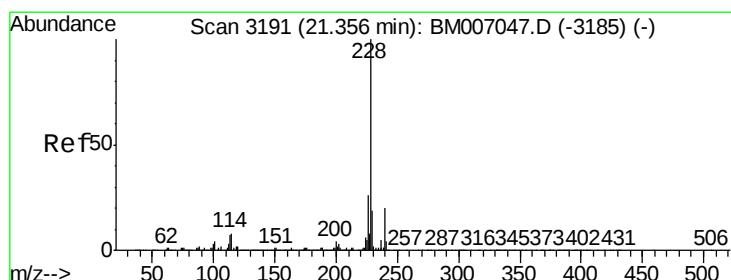
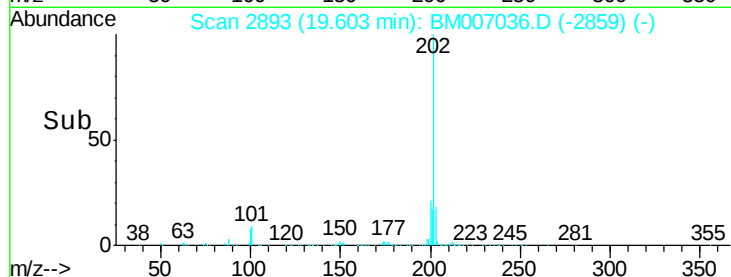
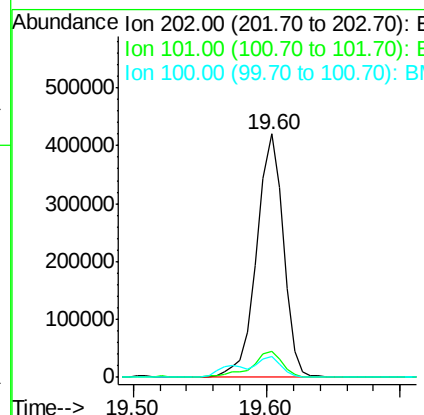
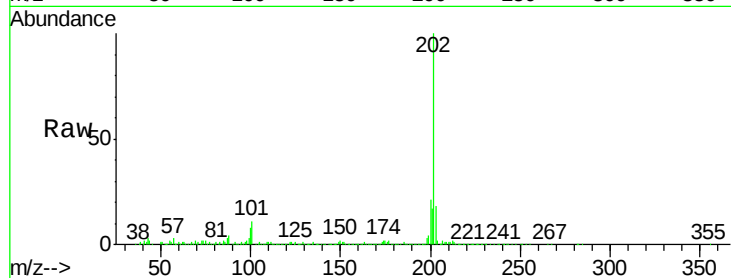
#77
 Pyrene
 Concen: 3.73 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. 0.00 min
 Lab File: BM007036.D
 Acq: 12 Aug 2016 10:21

Instrument :
 BNA_M
 ClientSampled :
 BDJN4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	8.4	12.6
100	8.3	6.9	10.3

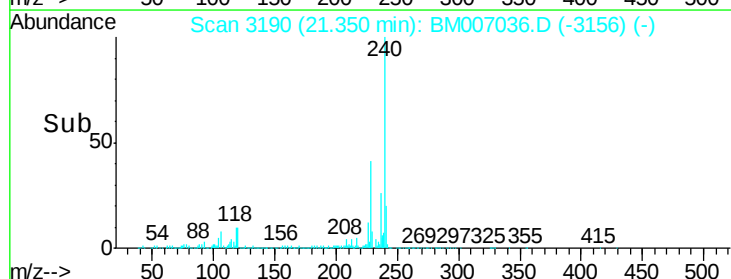
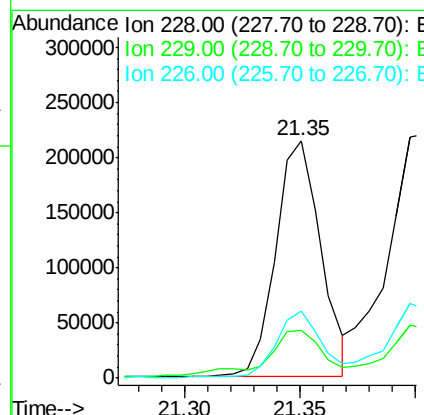
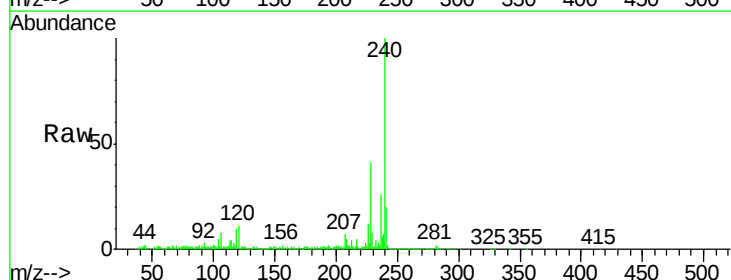
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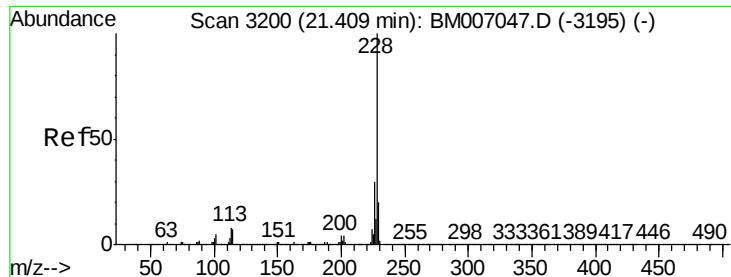
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#80
 Benzo(a)anthracene
 Concen: 1.75 ng/ul
 RT: 21.35 min Scan# 3190
 Delta R.T. 0.00 min
 Lab File: BM007036.D
 Acq: 12 Aug 2016 10:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.6	23.4
226	28.4	21.8	32.8





#82

Chrysene

Concen: 2.25 ng/ul

RT: 21.40 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BM007036.D

Acq: 12 Aug 2016 10:21

Instrument :

BNA_M

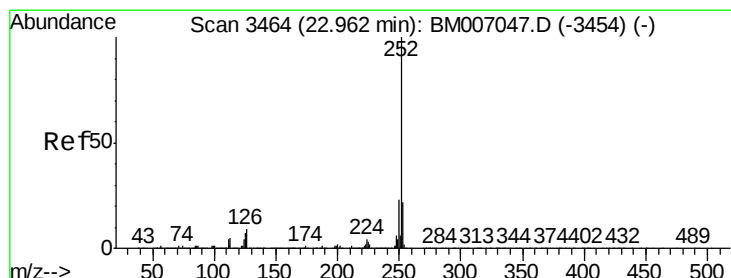
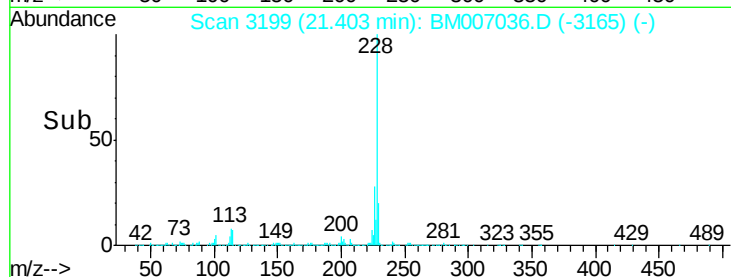
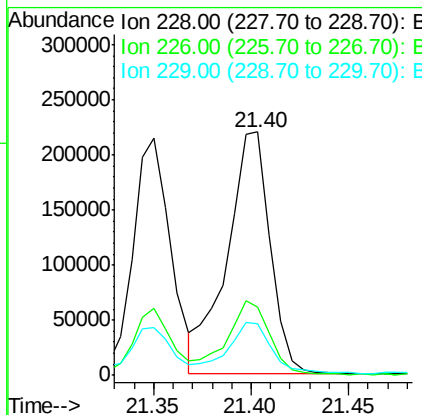
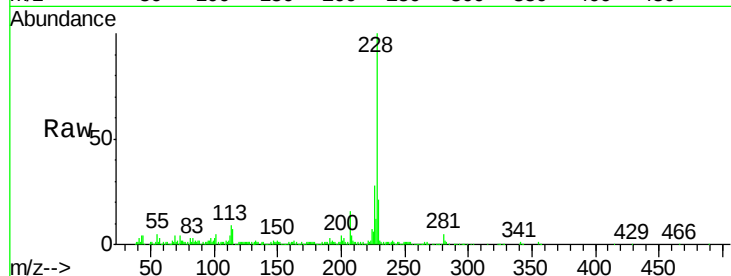
ClientSampled :

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Tgt Ion:	228	Resp:	338598
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.4	35.2
229	21.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 2.33 ng/ul

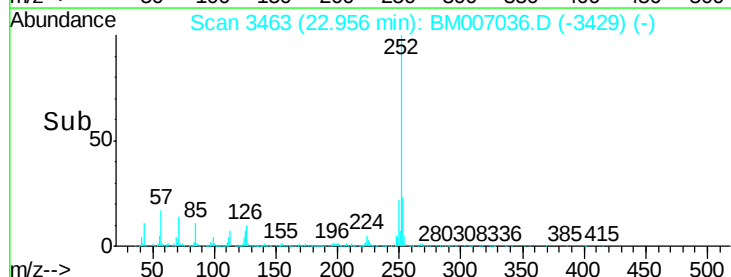
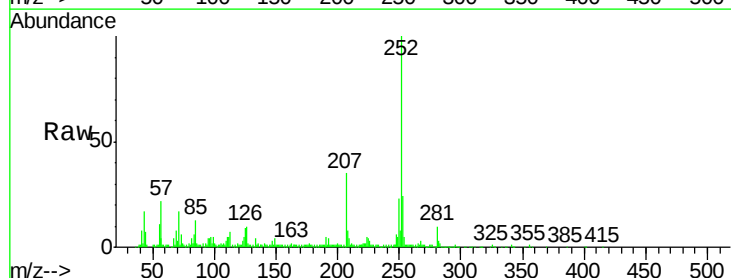
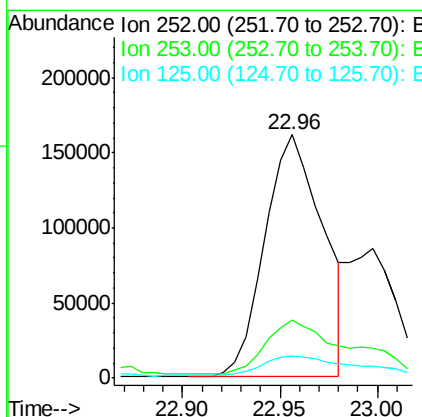
RT: 22.96 min Scan# 3463

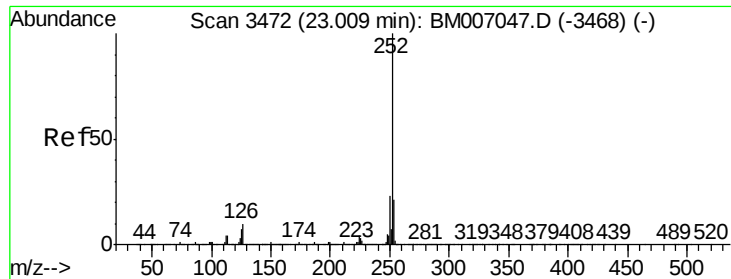
Delta R.T. 0.00 min

Lab File: BM007036.D

Acq: 12 Aug 2016 10:21

Tgt Ion:	252	Resp:	332758
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	8.9	5.8	8.8#





#86

Benzo(k)fluoranthene

Concen: 1.10 ng/ul m

RT: 23.00 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM007036.D

Acq: 12 Aug 2016 10:21

Instrument :

BNA_M

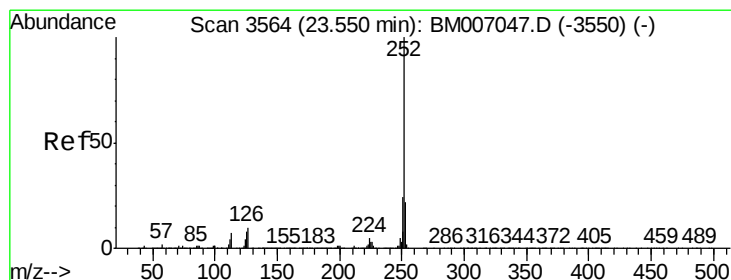
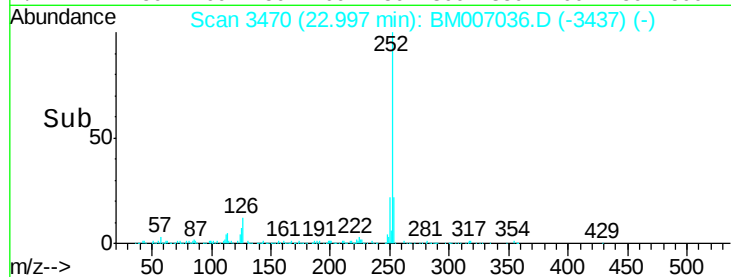
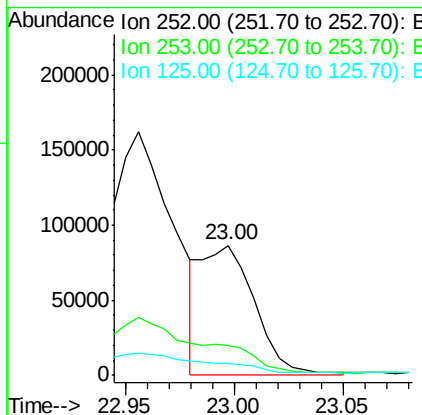
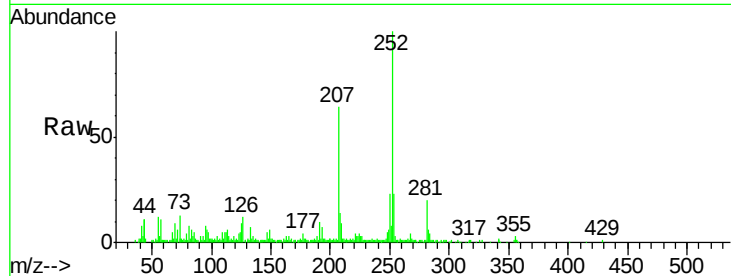
ClientSampled :

BDJN4

Tgt Ion:	252	Resp:	148167
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	9.4	5.7	8.5#

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#88

Benzo(a)pyrene

Concen: 1.63 ng/ul

RT: 23.54 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BM007036.D

Acq: 12 Aug 2016 10:21

Tgt Ion:	252	Resp:	221348
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	9.8	6.6	9.8

