

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003025.D
 Acq On : 01 Nov 2015 13:00
 Operator : UM/IZ
 Sample : G4210-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7E3

Manual Integrations
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 11/2/2015 4:34:59 PM

Quant Time: Nov 02 02:23:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 02 01:03:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	133519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	616225	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	352897	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	746815	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	693734	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	637749	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9344	3.30	ng/uL	0.00
5) Phenol-d5	6.92	99	159024	15.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	123043	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	148398	16.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	138776	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	66385	17.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	68160	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	146102	17.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	174572	15.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	590954	22.26	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	632567	18.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	42697	9.54	ng/ul	0.00
58) Fluorene-d10	15.40	176	501576	21.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	42382	12.25	ng/ul	0.00
71) Anthracene-d10	17.25	188	693020	20.93	ng/ul	0.00
79) Pyrene-d10	19.55	212	673285	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	558784	18.44	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.61	128	33471	1.08	ng/ul	99
45) Dimethylphthalate	13.86	163	280521	10.37	ng/ul	100
70) Phenanthrene	17.20	178	365397	8.64	ng/ul	99
77) Fluoranthene	19.22	202	342679	8.01	ng/ul	97
80) Pyrene	19.58	202	259249	5.71	ng/ul	95
83) Benzo(a)anthracene	21.33	228	93246	2.45	ng/ul	97
85) Chrysene	21.38	228	120694	3.20	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	126991	3.46	ng/ul	97
89) Benzo(k)fluoranthene	22.97	252	39196m	1.14	ng/ul	
91) Benzo(a)pyrene	23.51	252	67342	1.94	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.90	276	42669	1.12	ng/ul#	90

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

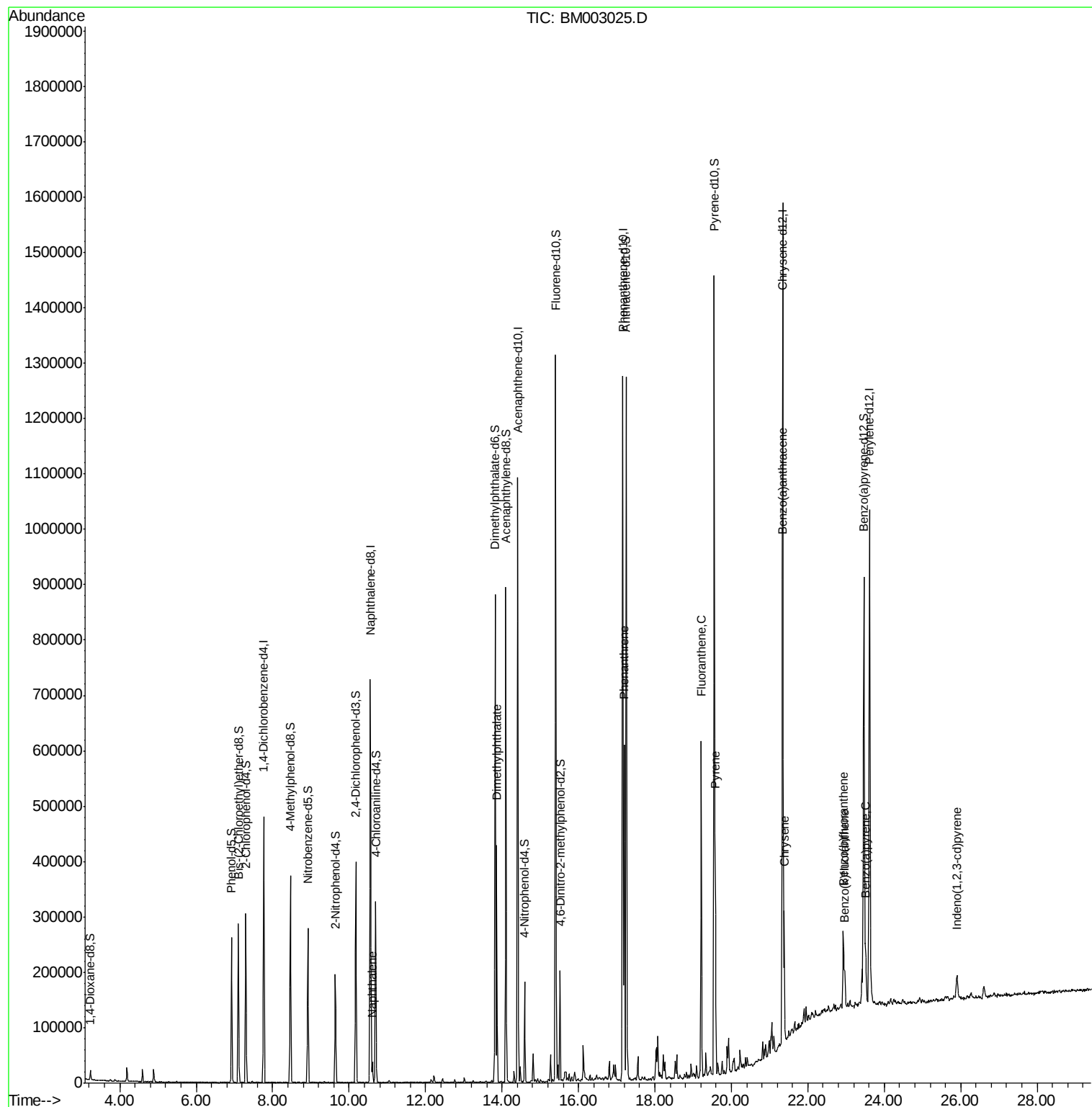
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003025.D
Acq On : 01 Nov 2015 13:00
Operator : UM/IZ
Sample : G4210-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

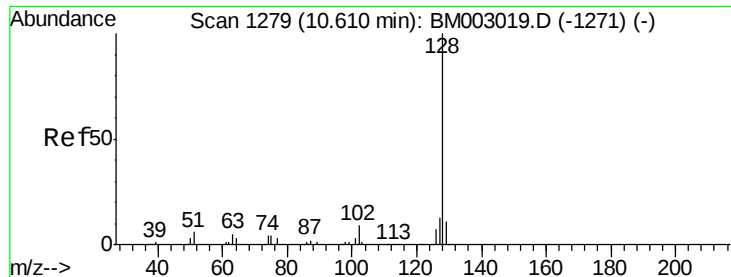
Instrument :
BNA_M
ClientSampleId :
BC7E3

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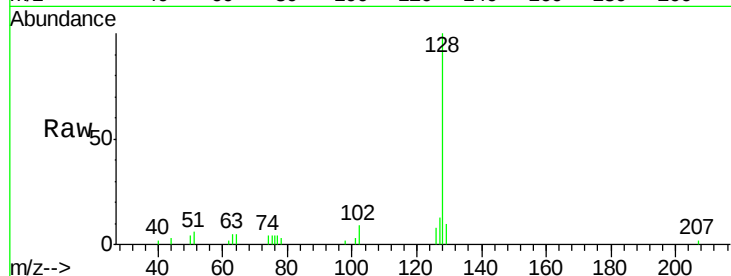
Quant Time: Nov 02 02:23:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 02 01:03:38 2015
Response via : Initial Calibration





#28
Naphthalene
Concen: 1.08 ng/ul
RT: 10.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

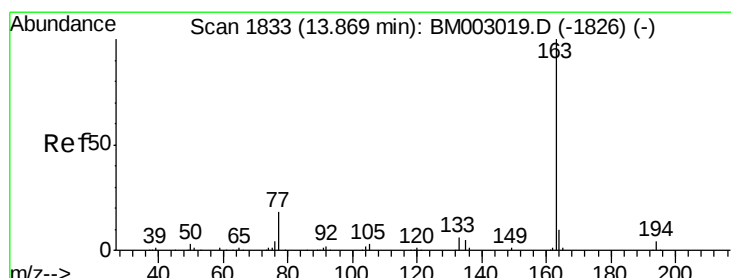
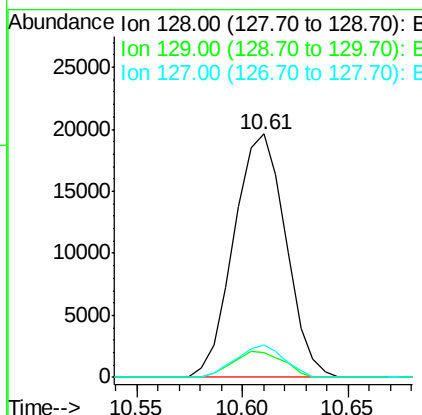
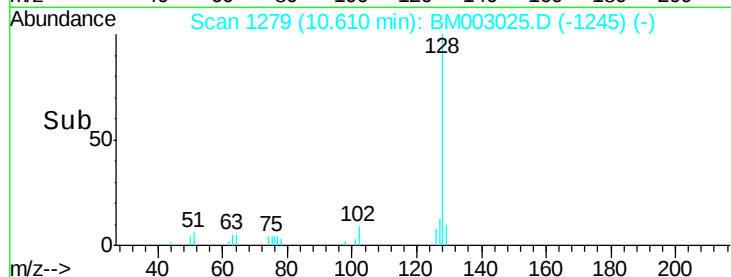
Instrument :
BNA_M
ClientSampleId :
BC7E3



Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.3	10.5	15.7

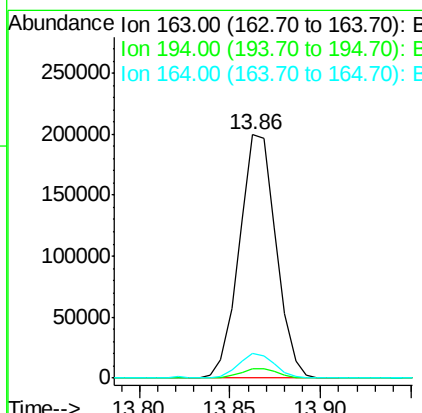
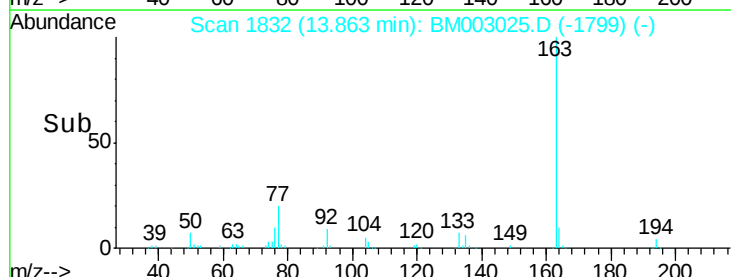
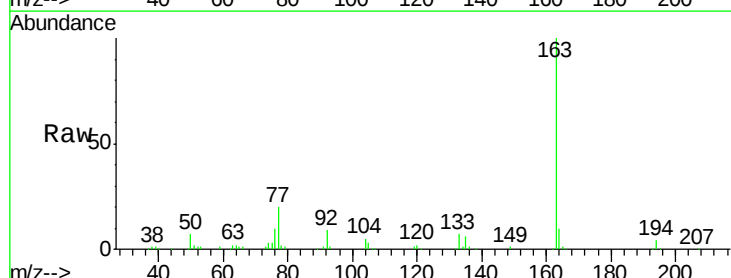
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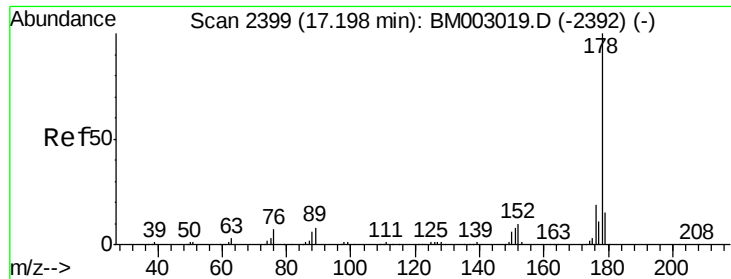
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#45
Dimethylphthalate
Concen: 10.37 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	7.8	11.8





#70

Phenanthrene

Concen: 8.64 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

Instrument :

BNA_M

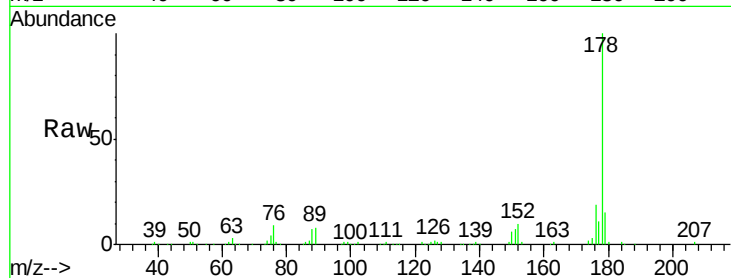
ClientSampleId :

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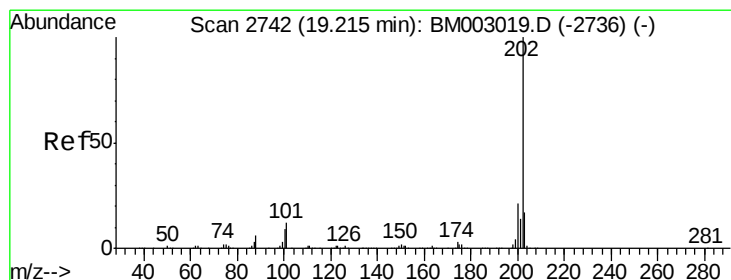
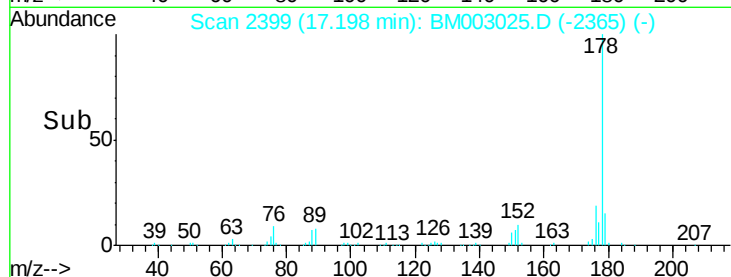
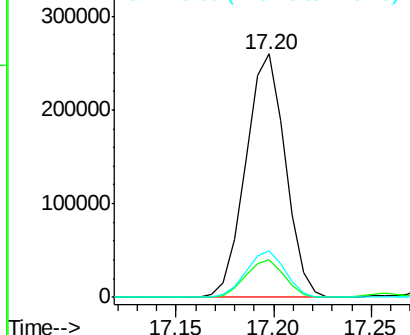
Tgt Ion:	178	Resp:	365397
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	19.2	14.7	22.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 8.01 ng/ul

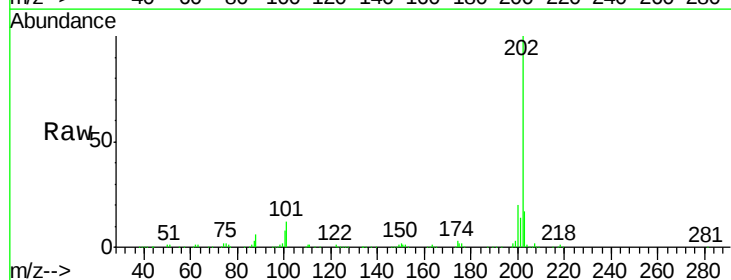
RT: 19.22 min Scan# 2742

Delta R.T. -0.00 min

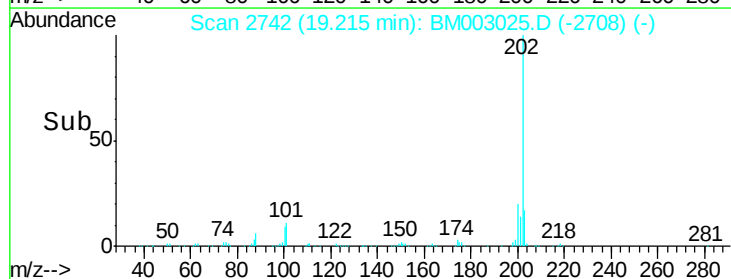
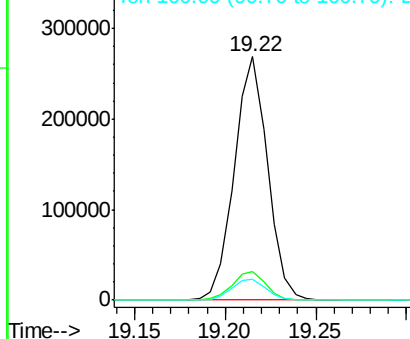
Lab File: BM003025.D

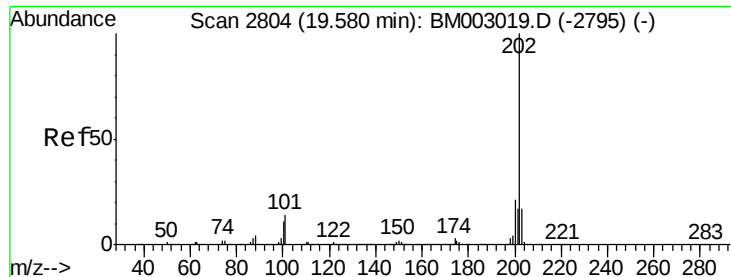
Acq: 01 Nov 2015 13:00

Tgt Ion:	202	Resp:	342679
Ion Ratio	Lower	Upper	
202	100		
101	11.6	10.4	15.6
100	8.5	7.8	11.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





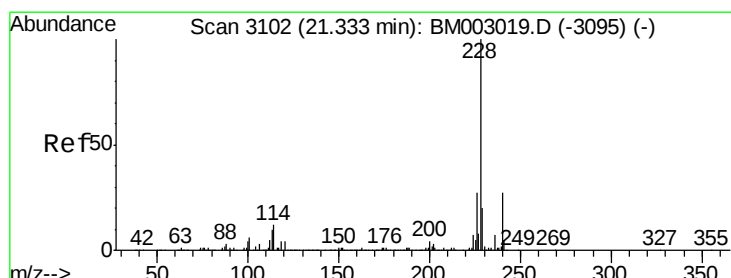
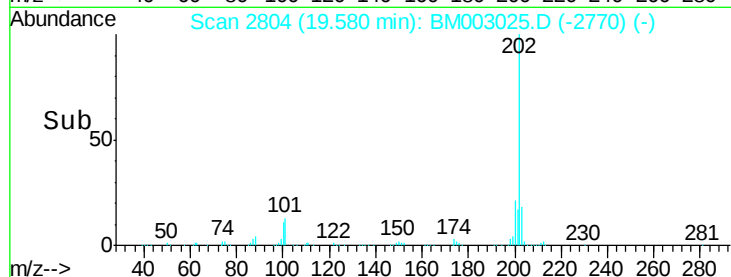
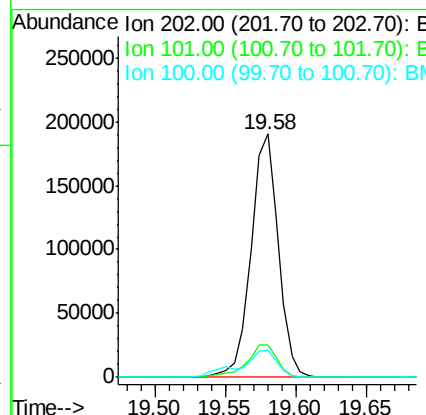
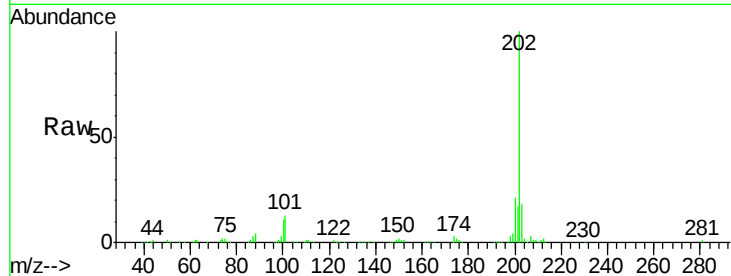
#80
Pyrene
Concen: 5.71 ng/ul
RT: 19.58 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Instrument :
BNA_M
ClientSampleId :
BC7E3

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		259249		
101	13.5	12.6	18.8		
100	11.0	10.6	15.8		

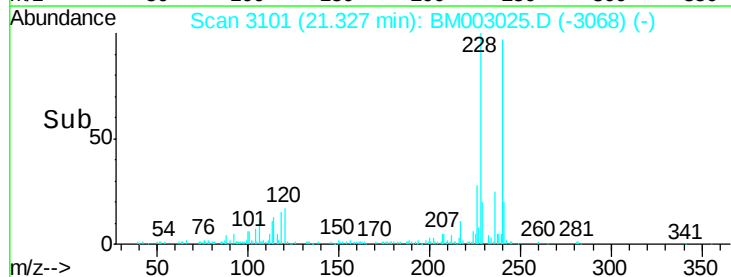
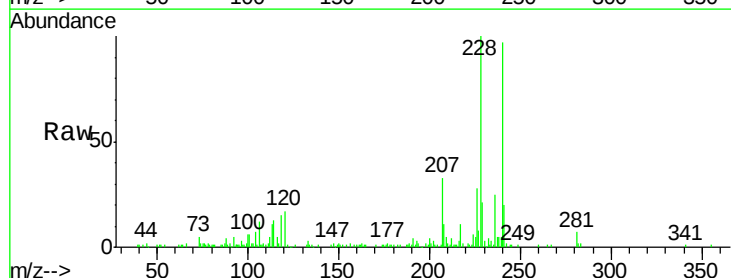
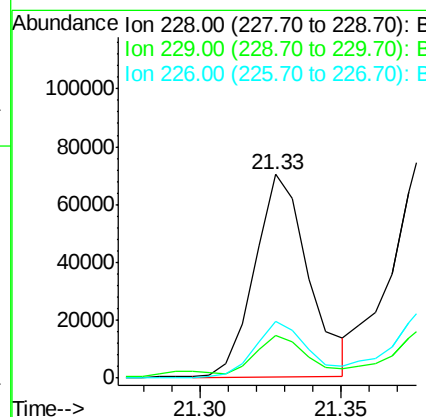
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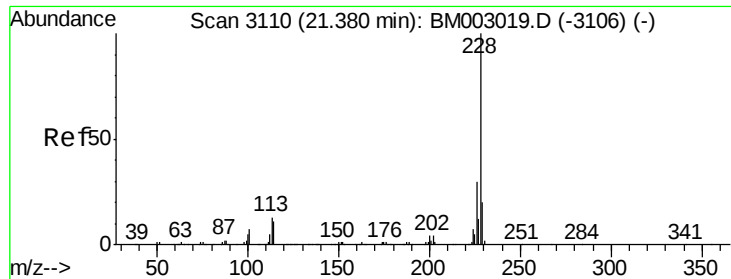
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#83
Benzo(a)anthracene
Concen: 2.45 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		93246		
229	20.9	15.6	23.4		
226	27.9	21.0	31.6		





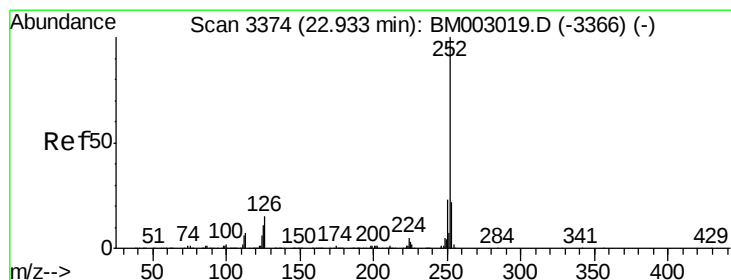
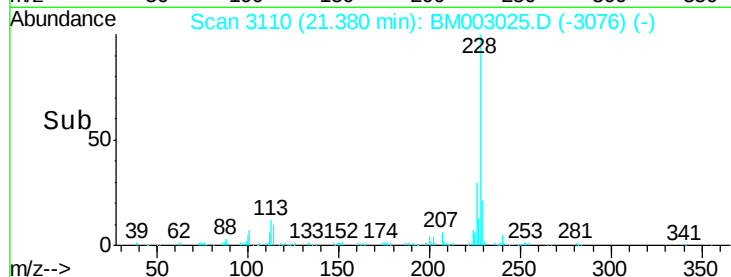
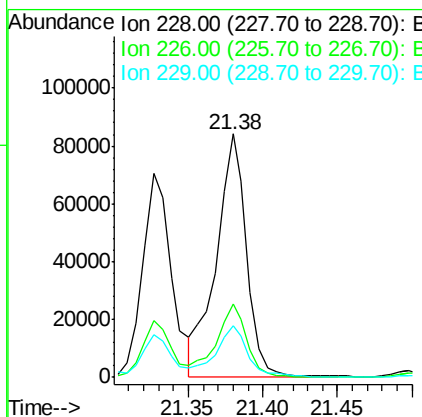
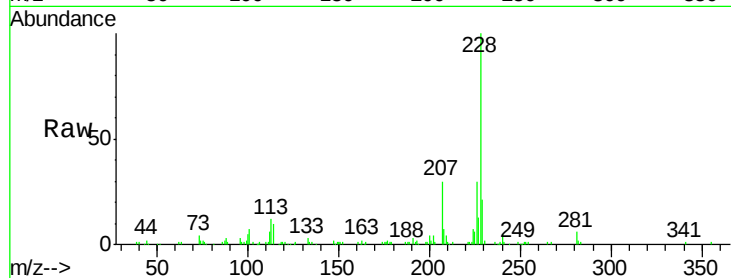
#85
Chrysene
Concen: 3.20 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Instrument :
BNA_M
ClientSampleId :
BC7E3

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	21.4	15.8	23.6

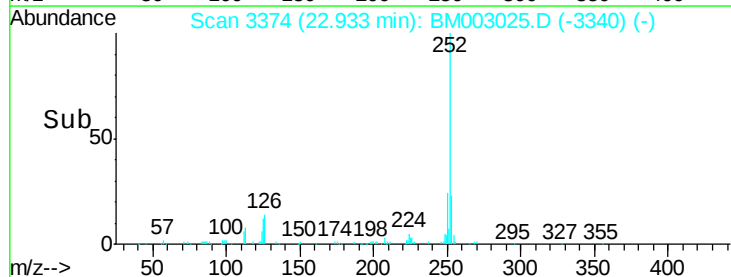
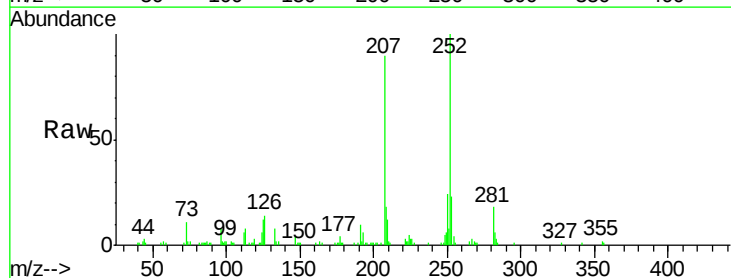
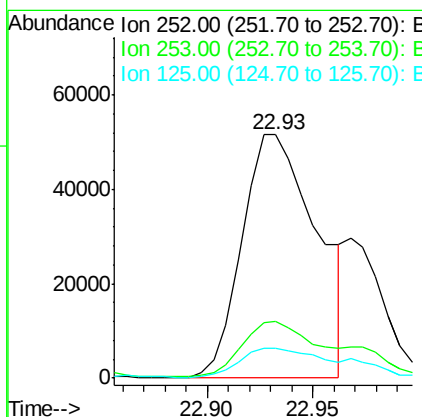
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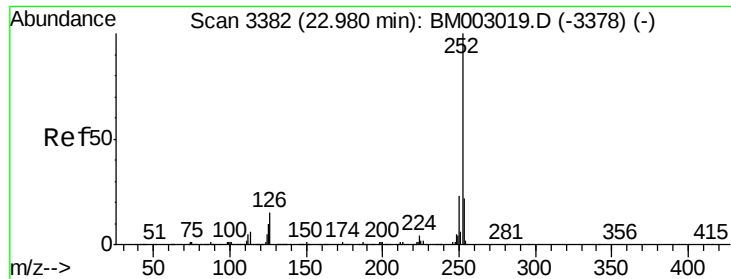
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#88
Benzo(b)fluoranthene
Concen: 3.46 ng/ul
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	12.3	10.7	16.1





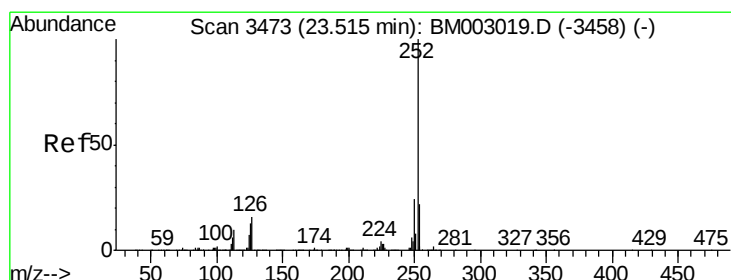
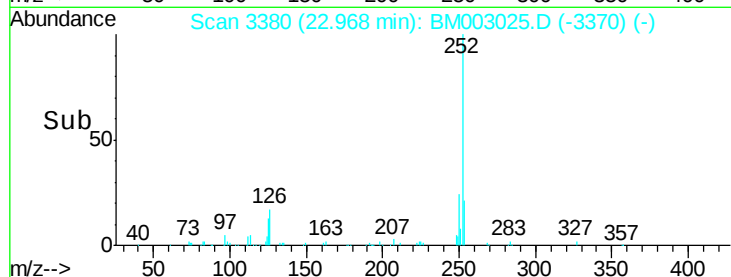
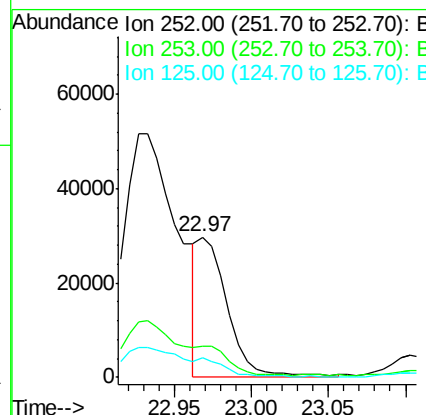
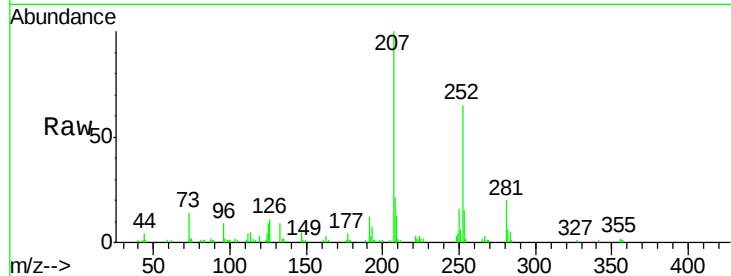
#89
Benzo(k)fluoranthene
Concen: 1.14 ng/ul m
RT: 22.97 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Instrument :
BNA_M
ClientSampleId :
BC7E3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	13.6	11.1	16.7

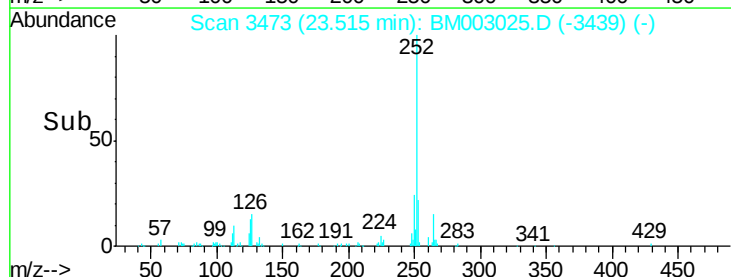
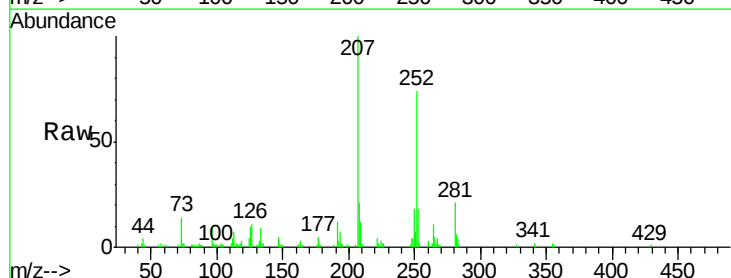
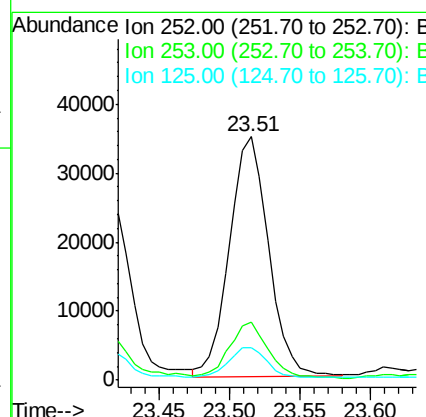
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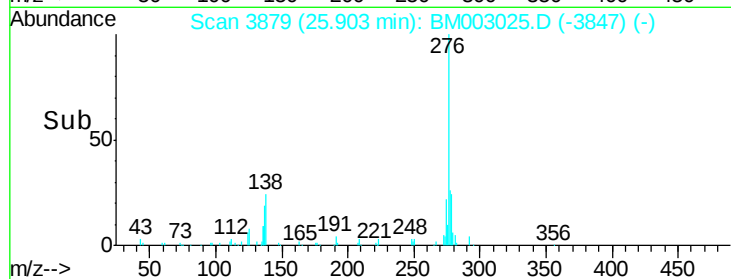
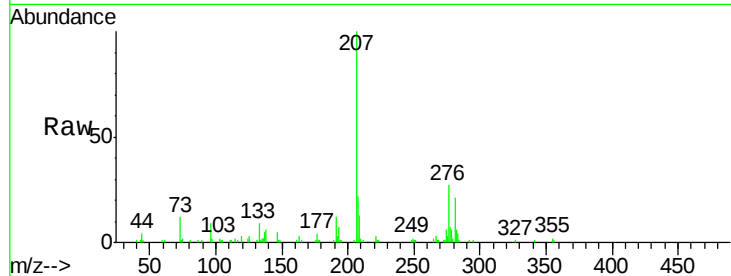
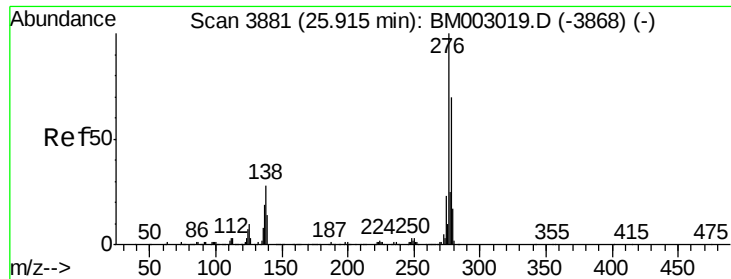
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11/2/2015 4:34:59 PM



#91
Benzo(a)pyrene
Concen: 1.94 ng/ul
RT: 23.51 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	13.4	11.9	17.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.12 ng/ul

RT: 25.90 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

Instrument :
BNA_M
ClientSampleId :
BC7E3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	26.6	40.0#
277	25.4	20.2	30.4

Manual Integrations
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