

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006798.D
 Acq On : 31 Jul 2016 21:03
 Operator : UM/SJ
 Sample : H4190-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZN5

Manual Integrations
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Quant Time: Aug 01 07:42:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	211589	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	918160	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	516073	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1188331	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1362043	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1457833	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	6232	1.19	ng/uL	0.00
3) Phenol-d5	6.79	99	243964	13.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	180966	16.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	211259	14.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	142525	10.21	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	108921	15.67	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	120063	16.24	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	203687	14.58	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	195163	12.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	647359	16.00	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	838802	16.24	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	67735	9.64	ng/ul	0.00
21) Fluorene-d10	15.26	176	587487	16.23	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	65658	10.64	ng/ul	0.00
26) Anthracene-d10	17.11	188	894443	15.85	ng/ul	0.00
30) Pyrene-d10	19.41	212	1041542	16.78	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1067771	15.92	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.05	178	321570	4.81	ng/ul	98
27) Anthracene	17.14	178	84198	1.22	ng/ul	97
28) Fluoranthene	19.07	202	783150	9.97	ng/ul	98
31) Pyrene	19.44	202	675282	8.19	ng/ul	96
32) Benzo(a)anthracene	21.20	228	482407	5.84	ng/ul	96
33) Chrysene	21.24	228	507779	6.67	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	764144	8.74	ng/ul	99
36) Benzo(k)fluoranthene	22.79	252	282656m	3.35	ng/ul	
38) Benzo(a)pyrene	23.31	252	495692	5.83	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.61	276	399725	4.06	ng/ul	98
40) Dibenzo(a,h)anthracene	25.61	278	117464m	1.44	ng/ul	
41) Benzo(g,h,i)perylene	26.29	276	355051	4.21	ng/ul	95

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

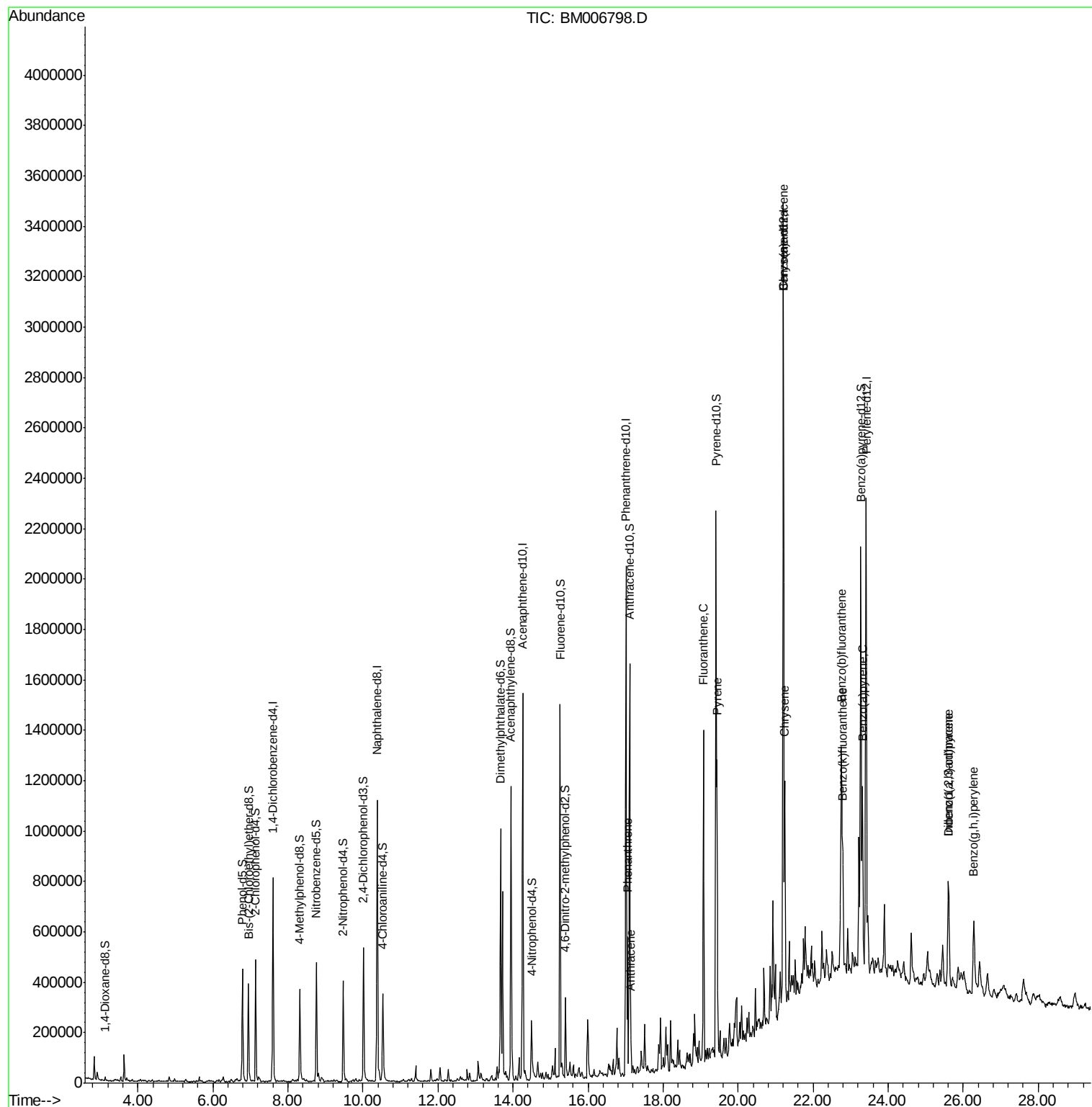
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006798.D
Acq On : 31 Jul 2016 21:03
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ALS Vial : 66 Sample Multiplier: 1

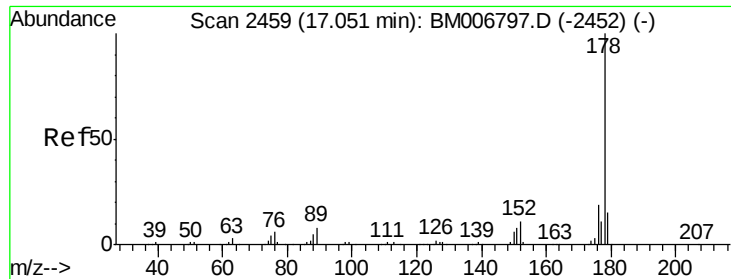
Instrument :
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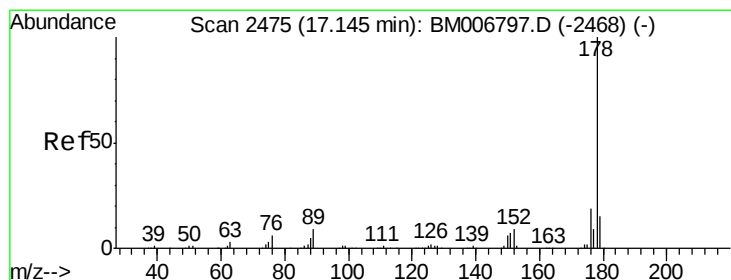
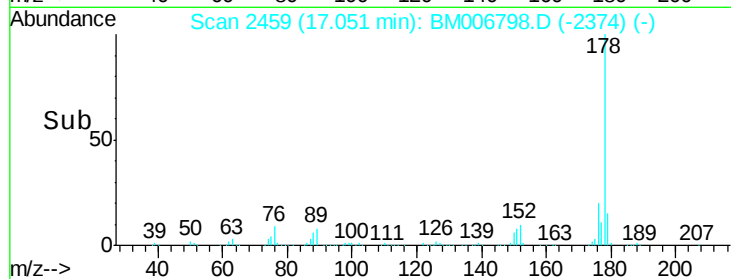
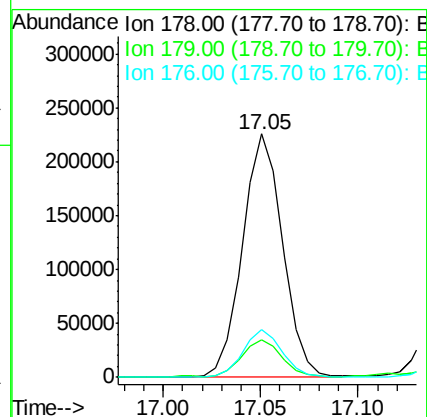
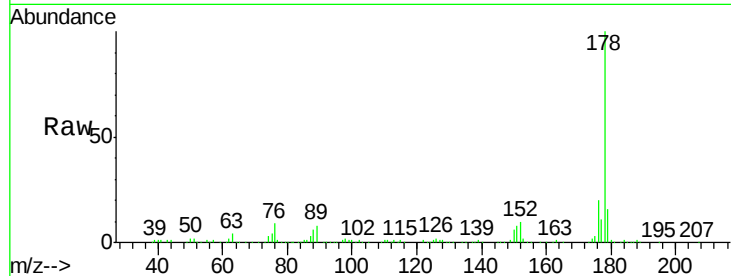
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Phenanthrene
Concen: 4.81 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006798.D
Acq: 31 Jul 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9ZN5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.7	14.8	22.2

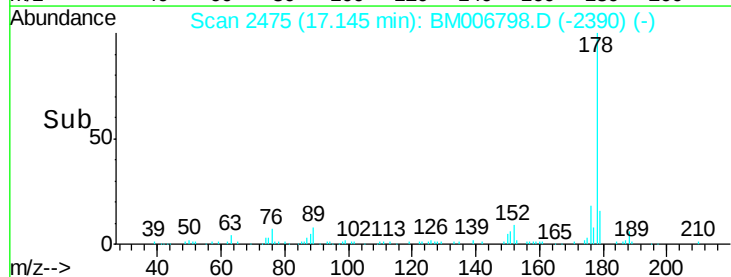
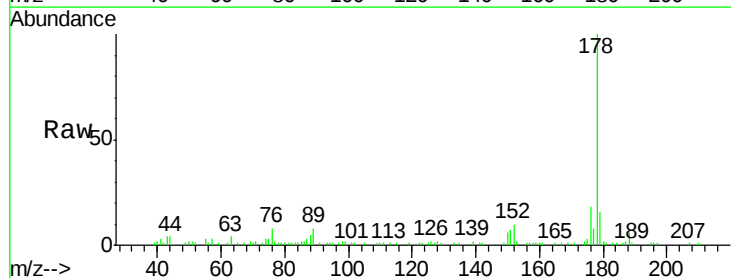
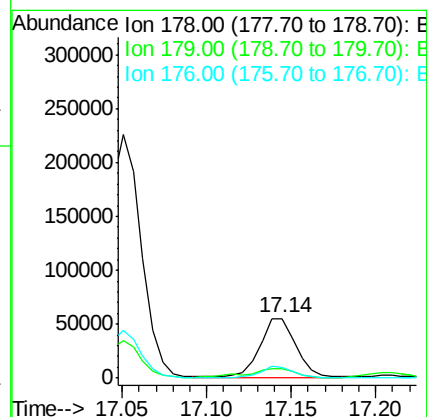
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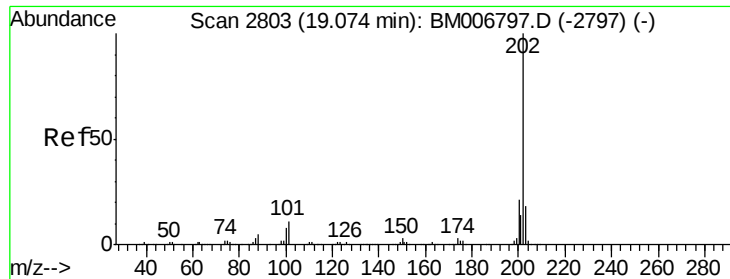
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#27
Anthracene
Concen: 1.22 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BM006798.D
Acq: 31 Jul 2016 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	17.8	15.6	23.4





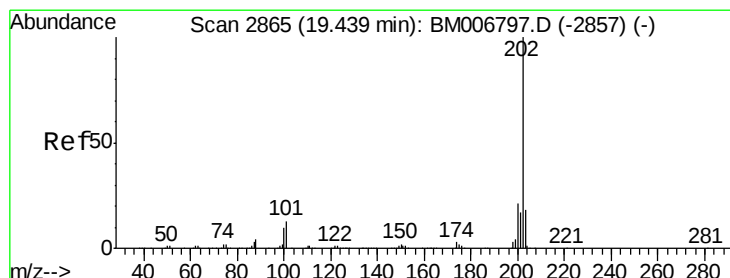
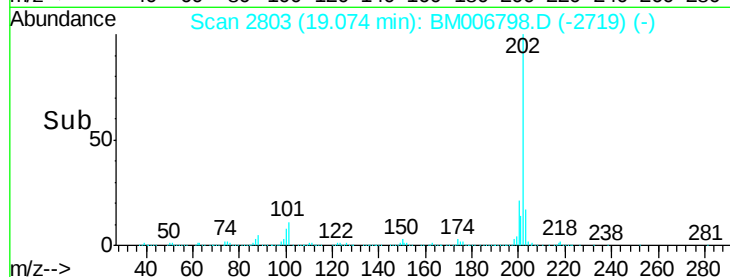
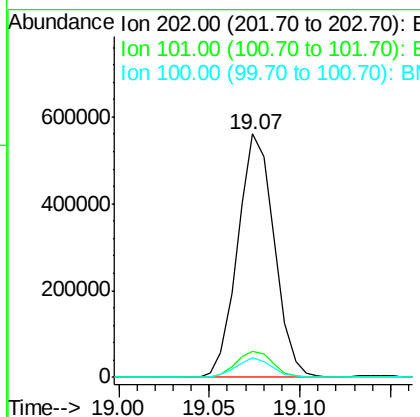
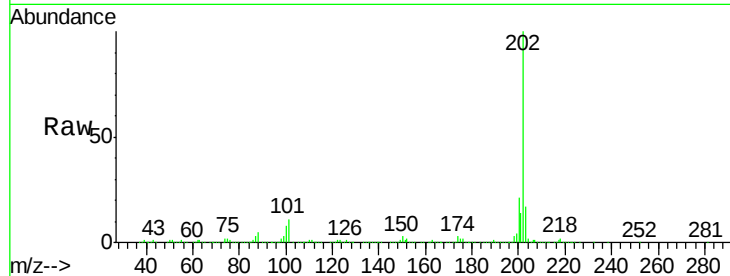
#28
Fluoranthene
Concen: 9.97 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006798.D
Acq: 31 Jul 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9ZN5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.9	13.3
100	7.9	7.0	10.4

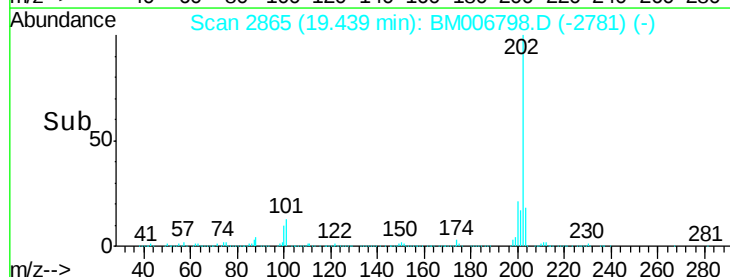
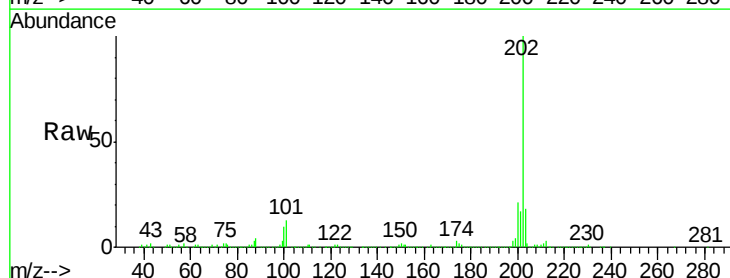
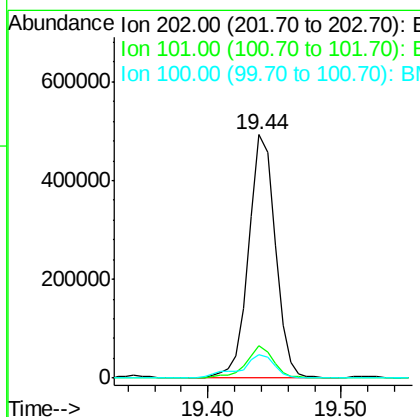
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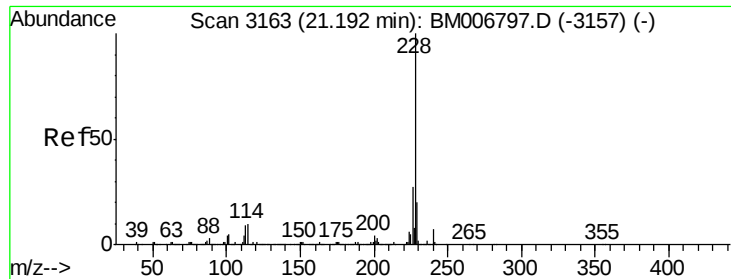
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#31
Pyrene
Concen: 8.19 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006798.D
Acq: 31 Jul 2016 21:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	9.8	14.8
100	9.7	9.3	13.9





#32

Benzo(a)anthracene

Concen: 5.84 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM006798.D

Acq: 31 Jul 2016 21:03

Instrument :

BNA_M

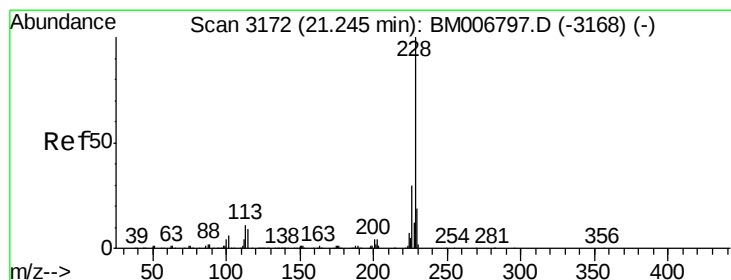
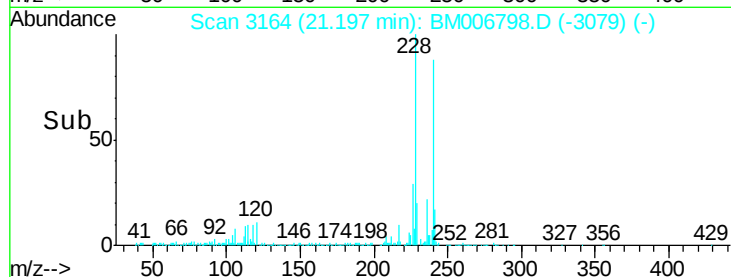
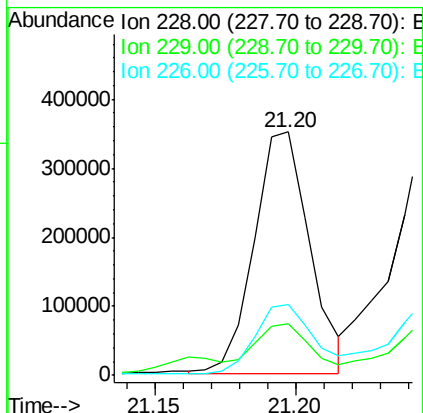
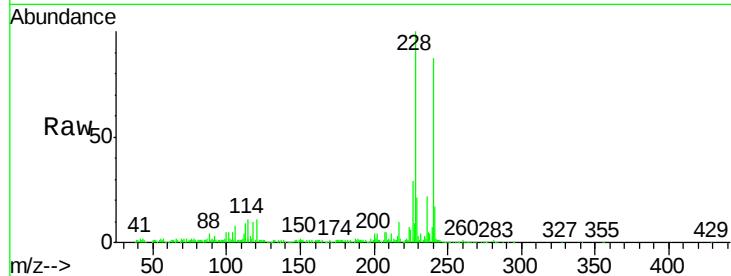
ClientSampleId :

D9ZN5

Tgt Ion:	228	Resp:	482407
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.6	25.0
226	29.2	21.0	31.4

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#33

Chrysene

Concen: 6.67 ng/ul

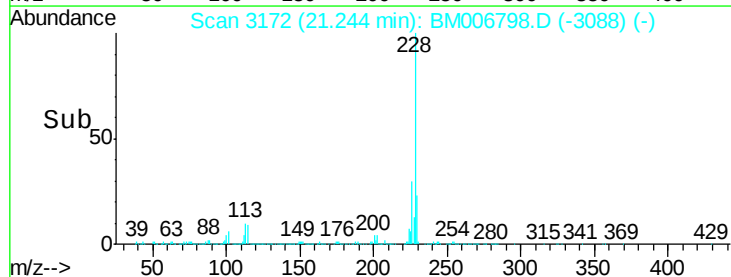
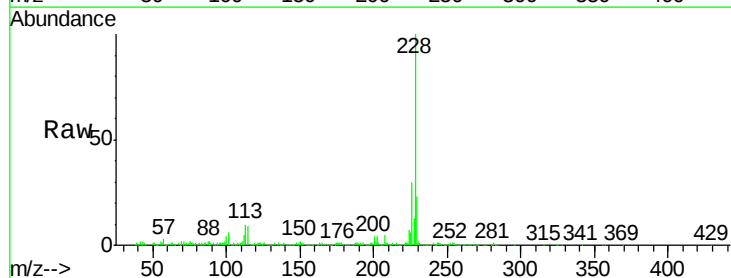
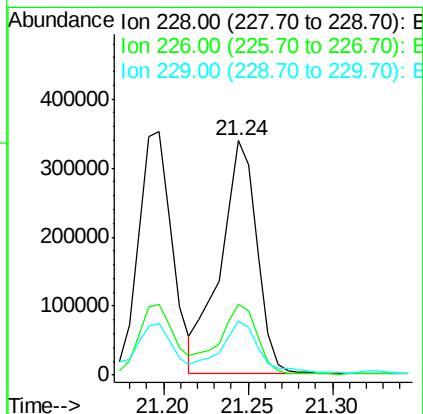
RT: 21.24 min Scan# 3172

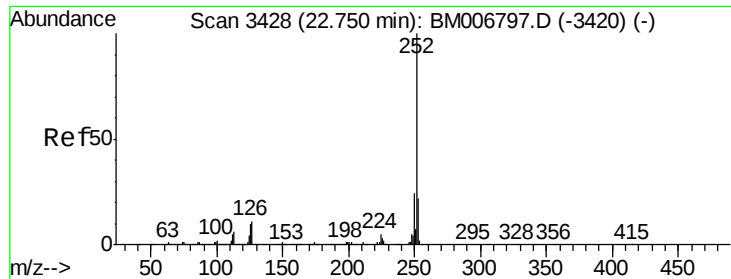
Delta R.T. -0.01 min

Lab File: BM006798.D

Acq: 31 Jul 2016 21:03

Tgt Ion:	228	Resp:	507779
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	23.0	16.2	24.2





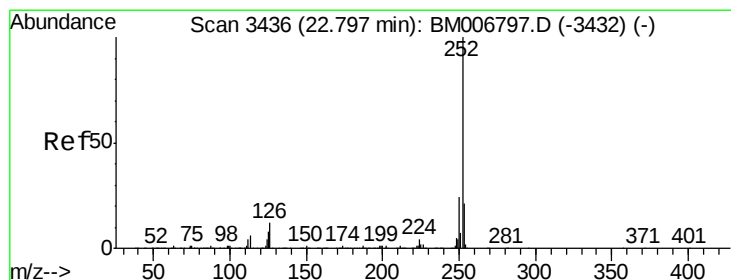
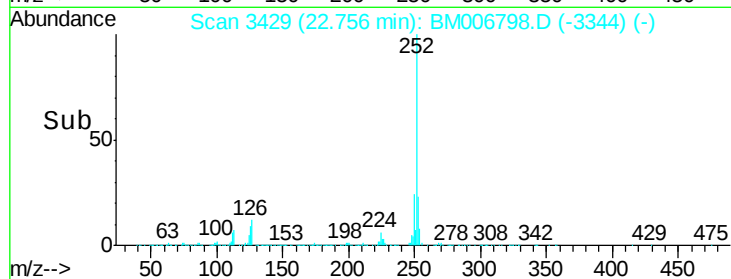
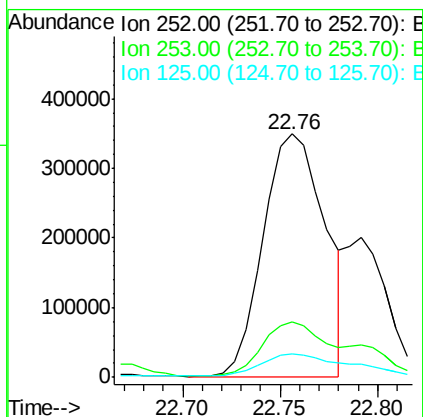
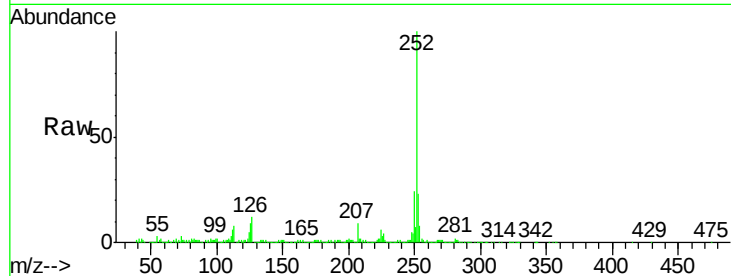
#35
Benzo(b)fluoranthene
Concen: 8.74 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006798.D
Acq: 31 Jul 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9ZN5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.4	7.6	11.4

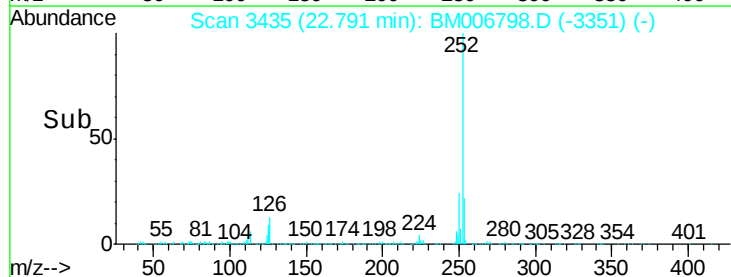
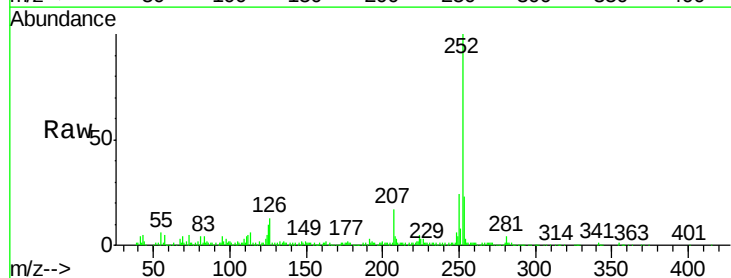
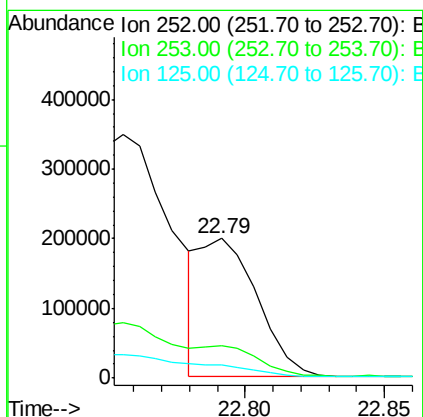
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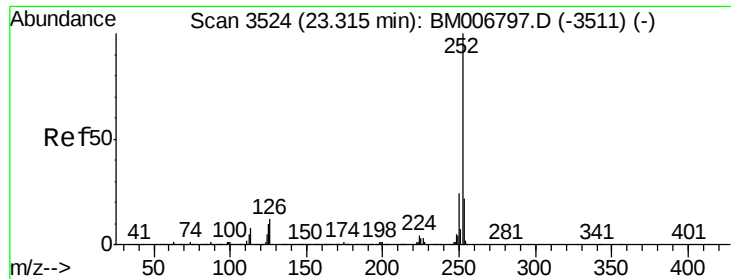
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#36
Benzo(k)fluoranthene
Concen: 3.35 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006798.D
Acq: 31 Jul 2016 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.6	7.7	11.5





#38

Benzo(a)pyrene

Concen: 5.83 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006798.D

Acq: 31 Jul 2016 21:03

Instrument :

BNA_M

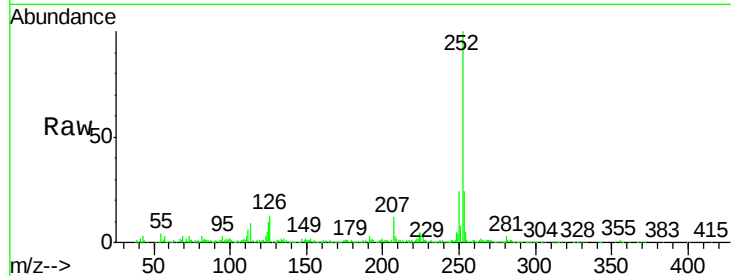
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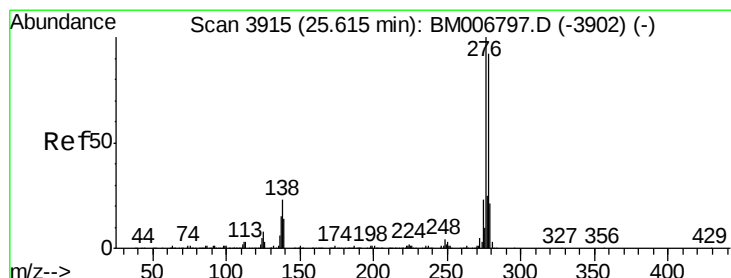
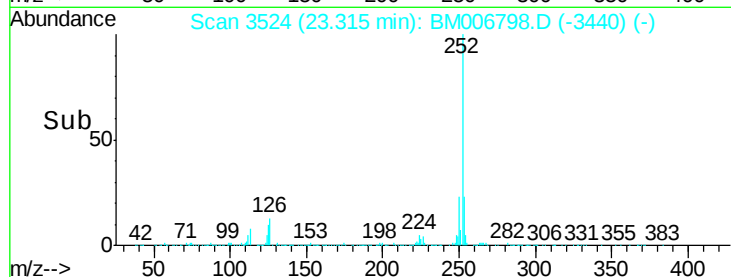
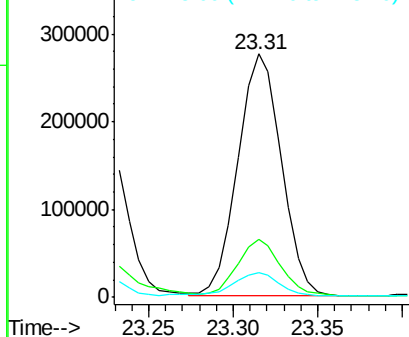
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	495692		
253	23.6	17.4	26.0	
125	10.2	8.2	12.2	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#39

Indeno(1,2,3-cd)pyrene

Concen: 4.06 ng/ul

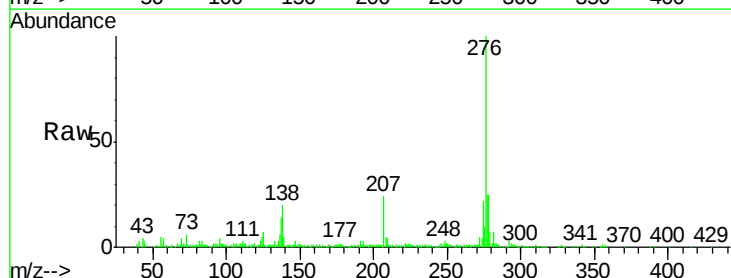
RT: 25.61 min Scan# 3914

Delta R.T. -0.01 min

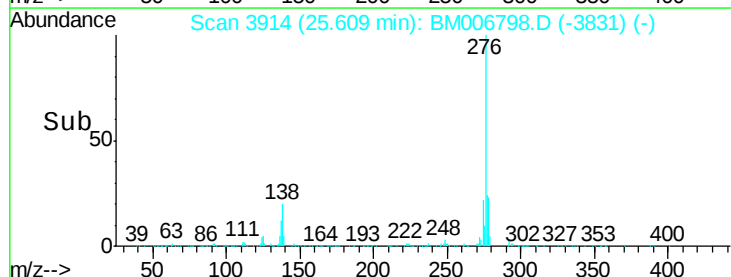
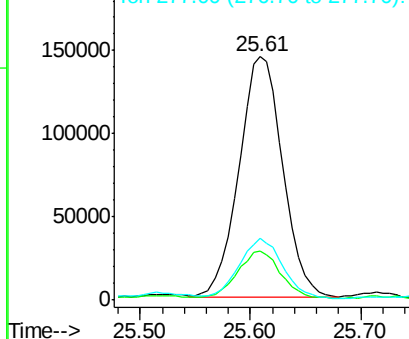
Lab File: BM006798.D

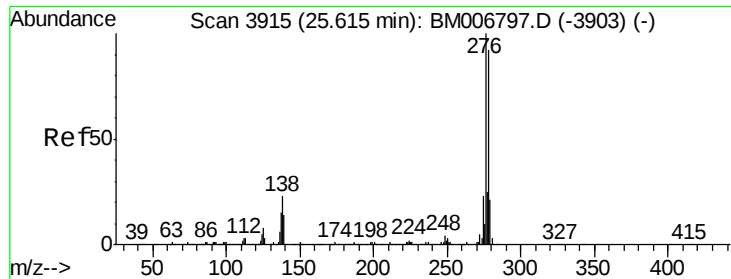
Acq: 31 Jul 2016 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	399725		
138	20.3	15.8	23.6	
277	25.2	19.0	28.6	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#40

Dibenzo(a,h)anthracene

Concen: 1.44 ng/ul m

RT: 25.61 min Scan# 3914

Delta R.T. -0.02 min

Lab File: BM006798.D

Acq: 31 Jul 2016 21:03

Instrument :

BNA_M

ClientSampleId :

D9ZN5

Tgt Ion: 278 Resp: 117464

Ion Ratio Lower Upper

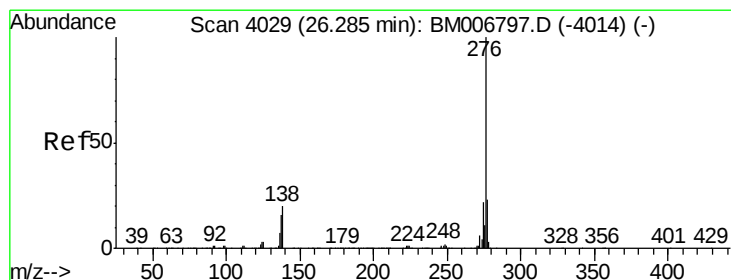
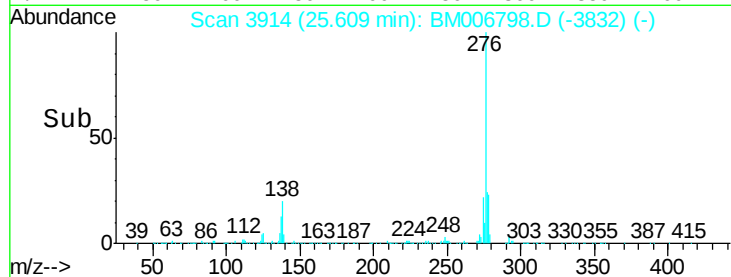
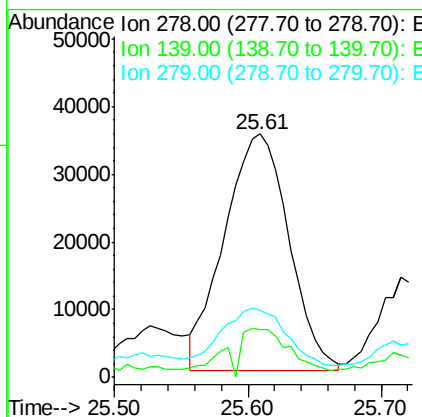
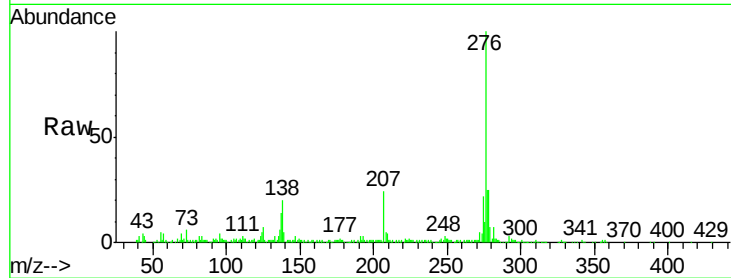
278 100

139 19.6 12.1 18.1#

279 27.6 19.8 29.8

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#41

Benzo(g,h,i)perylene

Concen: 4.21 ng/ul

RT: 26.29 min Scan# 4029

Delta R.T. -0.01 min

Lab File: BM006798.D

Acq: 31 Jul 2016 21:03

Tgt Ion: 276 Resp: 355051

Ion Ratio Lower Upper

276 100

138 20.8 13.9 20.9

277 23.6 19.8 29.6

