

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006820.D
 Acq On : 01 Aug 2016 11:04
 Operator : UM/SJ
 Sample : H4189-01
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM0

Manual Integrations
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Quant Time: Aug 01 14:11:05 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	283392	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1207956	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	644006	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1385218	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1368567	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1506733	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	10020	1.43	ng/uL	0.00
3) Phenol-d5	6.80	99	411075	17.05	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	272278	18.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	343520	17.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	233747	12.50	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	172189	18.83	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	193682	19.92	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	336402	18.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	204843	10.12	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1009619	19.99	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1298319	20.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	114678	13.08	ng/ul	0.02
21) Fluorene-d10	15.26	176	893486	19.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	87415	12.16	ng/ul	0.01
26) Anthracene-d10	17.12	188	1358795	20.66	ng/ul	0.00
30) Pyrene-d10	19.42	212	1434024	23.00	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1420067	20.49	ng/ul	0.01

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	646623	8.30	ng/ul	98
27) Anthracene	17.14	178	144813	1.81	ng/ul	98
28) Fluoranthene	19.09	202	1735357	18.96	ng/ul	98
31) Pyrene	19.45	202	1643408	19.83	ng/ul#	96
32) Benzo(a)anthracene	21.20	228	1182637	14.26	ng/ul	98
33) Chrysene	21.26	228	1454484	19.02	ng/ul	96
35) Benzo(b)fluoranthene	22.77	252	2709040	29.99	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	747978m	8.56	ng/ul	
38) Benzo(a)pyrene	23.34	252	1832613	20.85	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.65	276	1586320	15.58	ng/ul	99
40) Dibenzo(a,h)anthracene	25.64	278	430411m	5.10	ng/ul	
41) Benzo(g,h,i)perylene	26.33	276	1618849	18.55	ng/ul	98

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

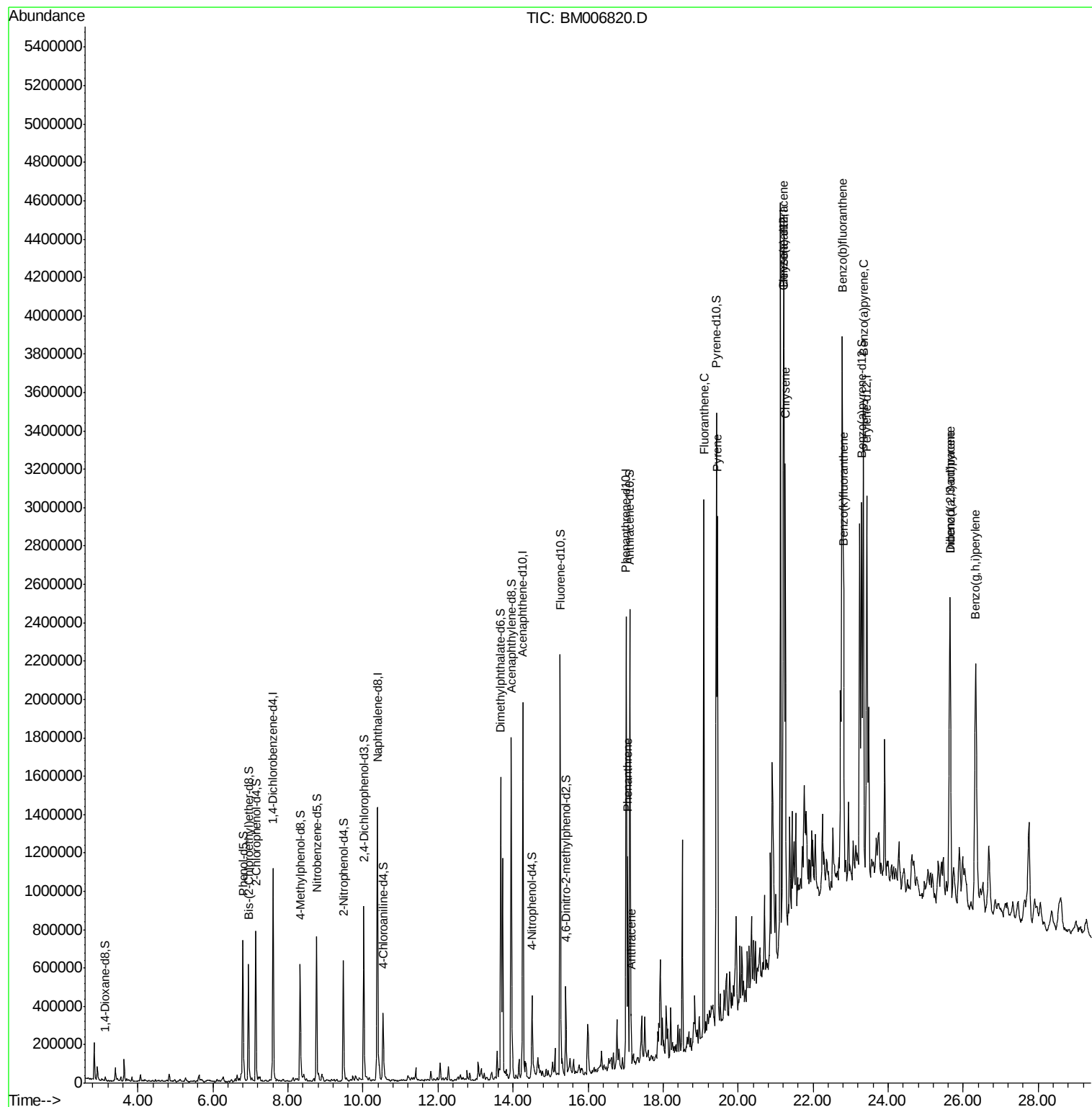
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006820.D
Acq On : 01 Aug 2016 11:04
Operator : UM/SJ
Sample : H4189-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

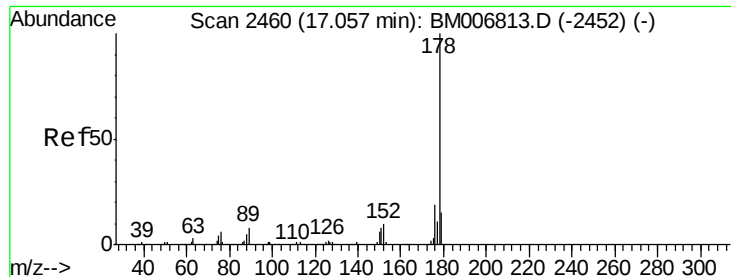
Instrument :
BNA_M
ClientSampleId :
D9ZM0

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Quant Time: Aug 01 14:11:05 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





#25

Phenanthrene

Concen: 8.30 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BM006820.D

Acq: 01 Aug 2016 11:04

Instrument :

BNA_M

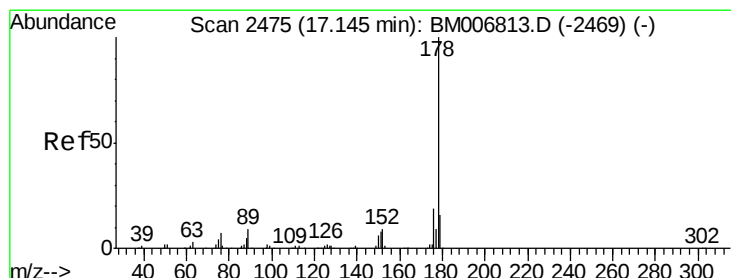
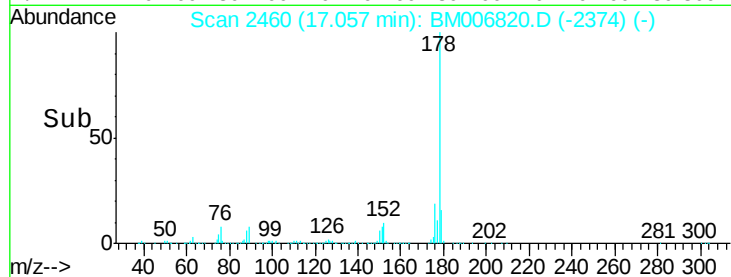
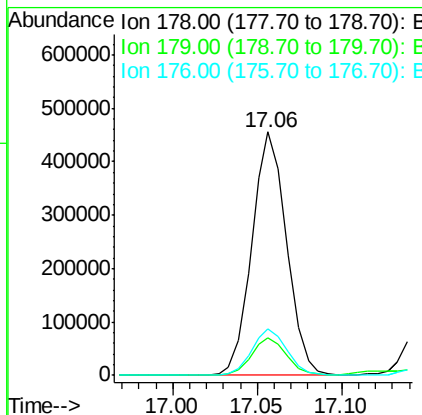
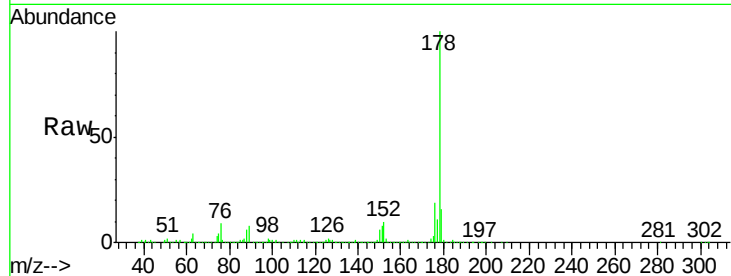
ClientSampleId :

D9ZM0

Tgt Ion:	178	Resp:	646623
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.8	17.8
176	19.1	14.8	22.2

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#27

Anthracene

Concen: 1.81 ng/ul

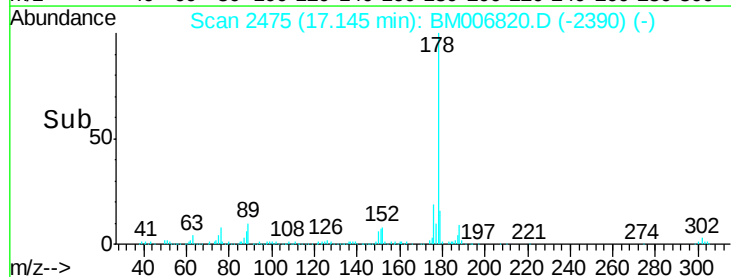
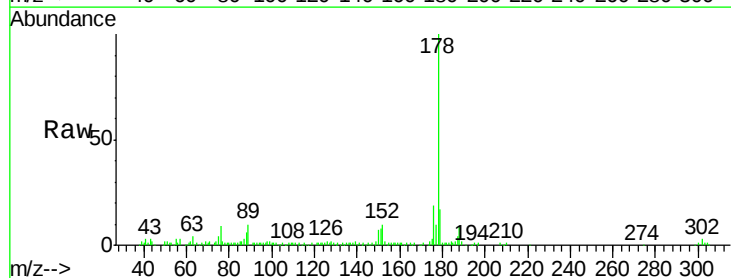
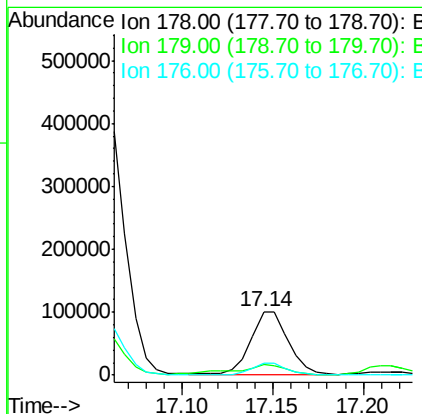
RT: 17.14 min Scan# 2475

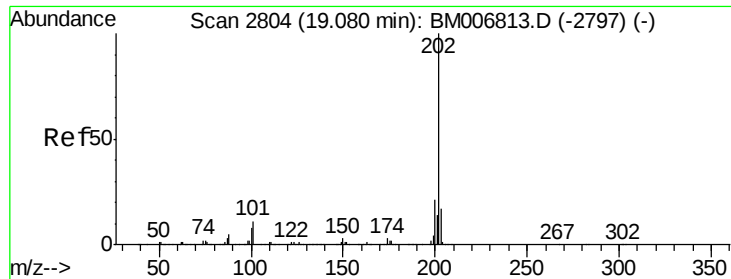
Delta R.T. 0.00 min

Lab File: BM006820.D

Acq: 01 Aug 2016 11:04

Tgt Ion:	178	Resp:	144813
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.9	19.3
176	18.6	15.6	23.4





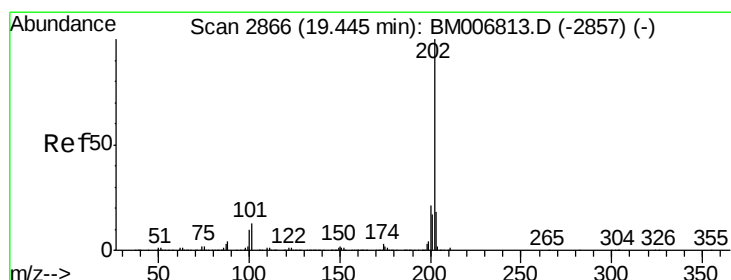
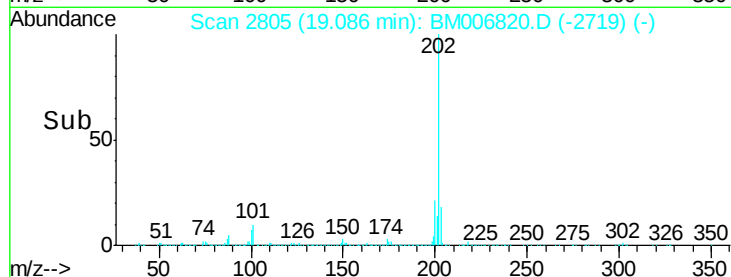
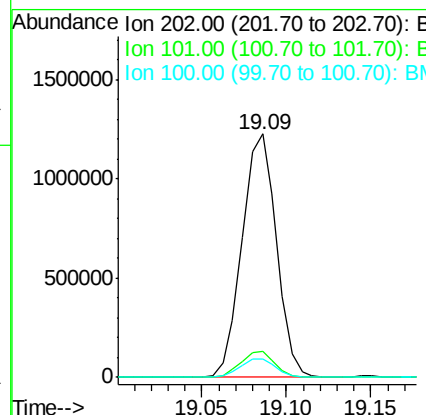
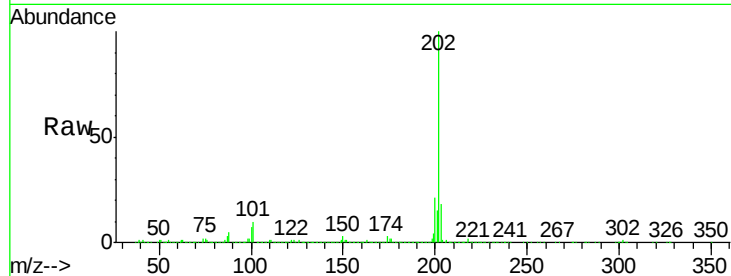
#28
Fluoranthene
Concen: 18.96 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006820.D
Acq: 01 Aug 2016 11:04

Instrument :
BNA_M
ClientSampleId :
D9ZM0

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
100	7.4	7.0	10.4

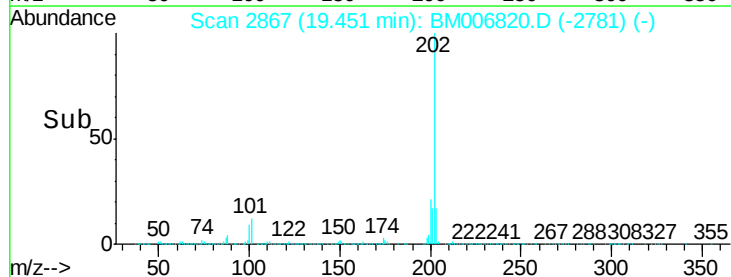
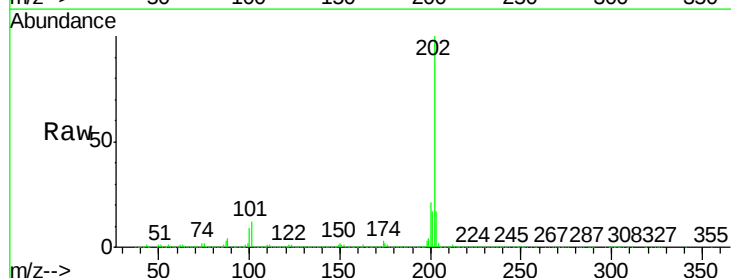
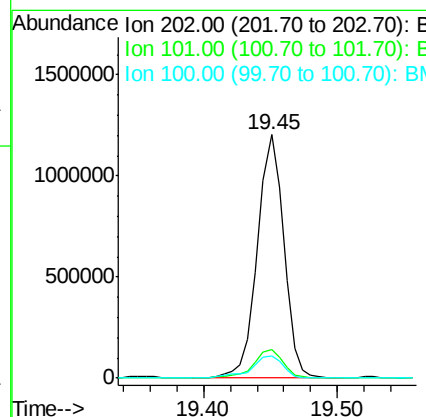
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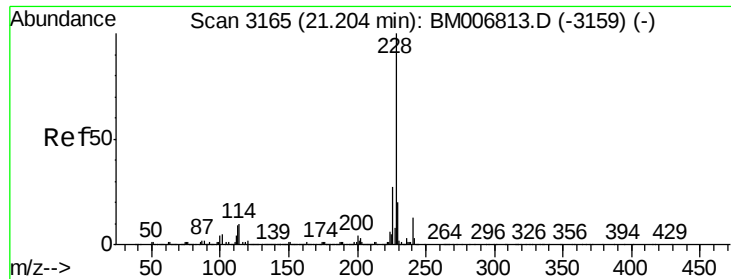
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#31
Pyrene
Concen: 19.83 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006820.D
Acq: 01 Aug 2016 11:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	9.1	9.3	13.9#





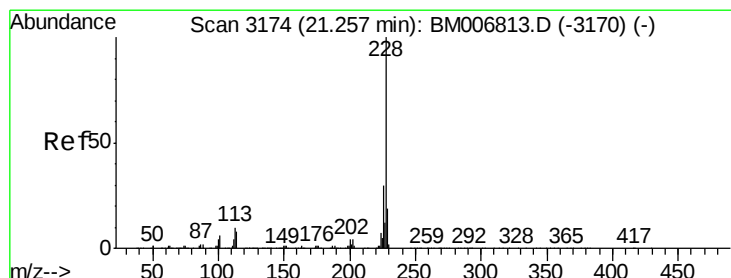
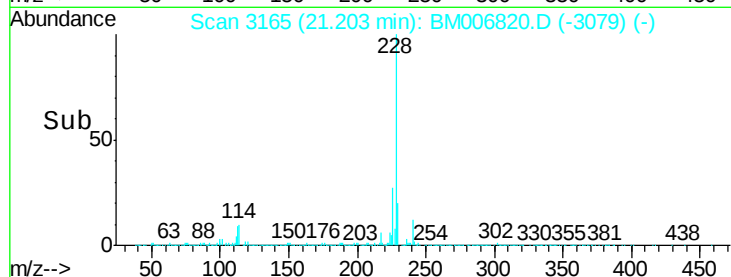
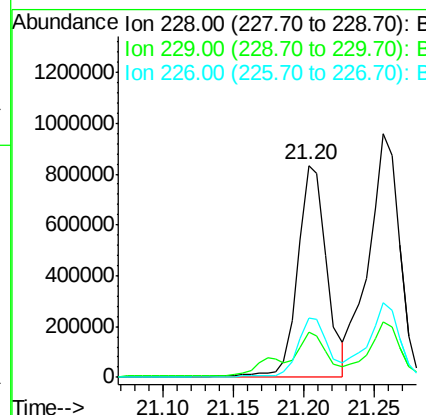
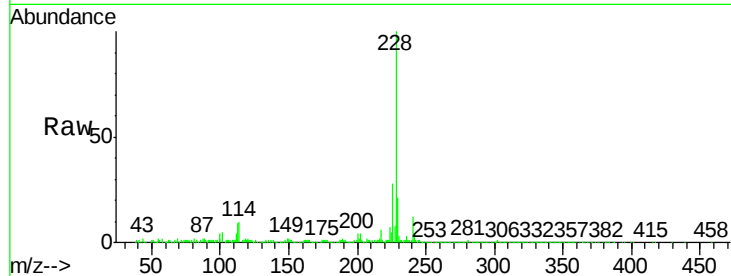
#32
Benzo(a)anthracene
Concen: 14.26 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006820.D
Acq: 01 Aug 2016 11:04

Instrument :
BNA_M
ClientSampleId :
D9ZM0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	27.7	21.0	31.4

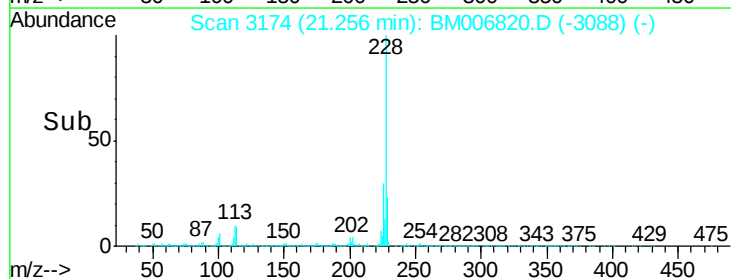
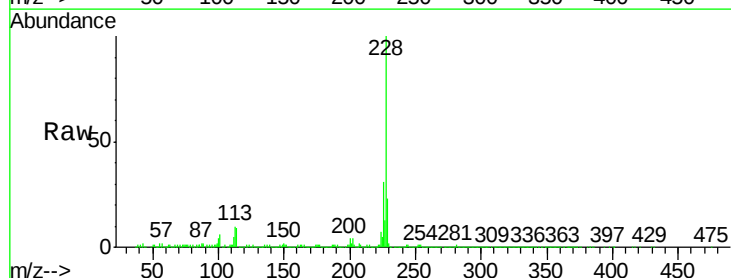
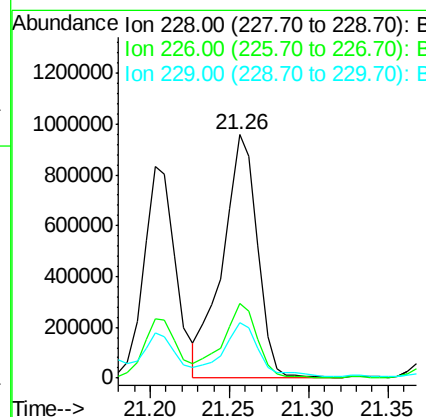
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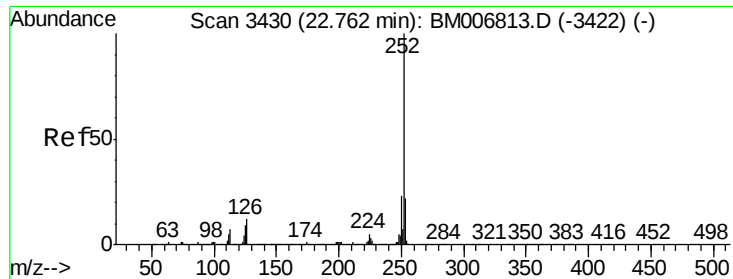
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#33
Chrysene
Concen: 19.02 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006820.D
Acq: 01 Aug 2016 11:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.9	16.2	24.2





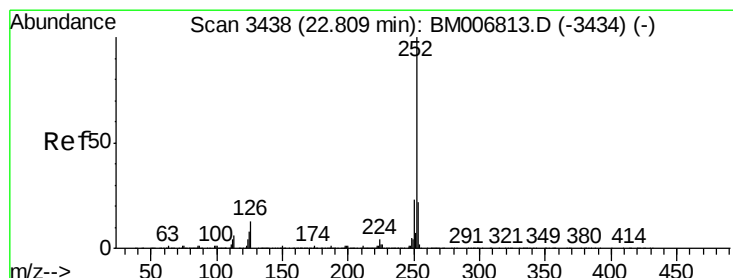
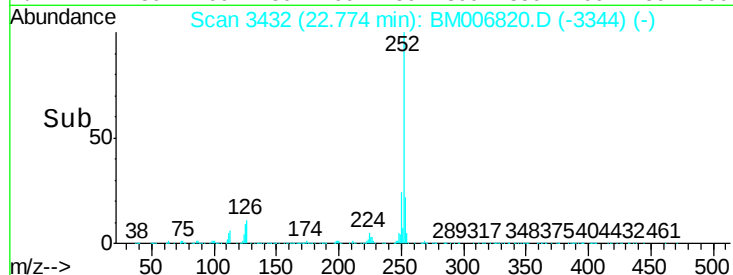
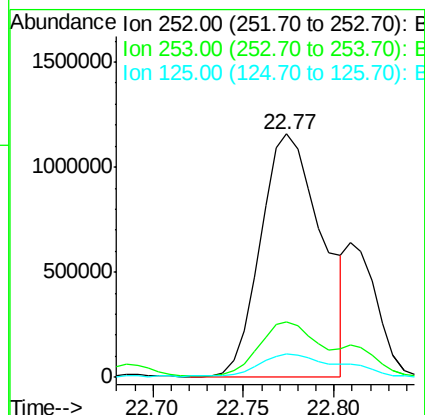
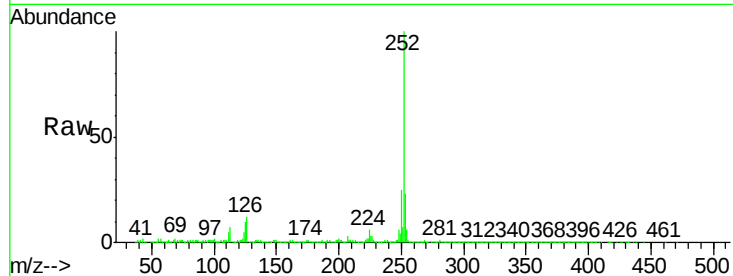
#35
Benzo(b)fluoranthene
Concen: 29.99 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.02 min
Lab File: BM006820.D
Acq: 01 Aug 2016 11:04

Instrument :
BNA_M
ClientSampleId :
D9ZM0

Tgt Ion: 252 Resp: 2709040
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 9.7 7.6 11.4

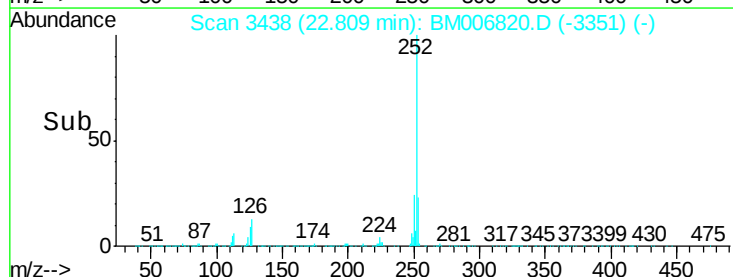
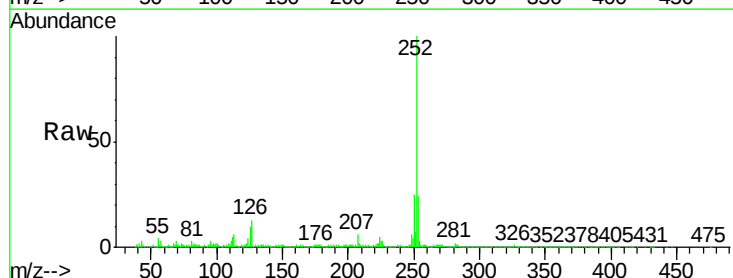
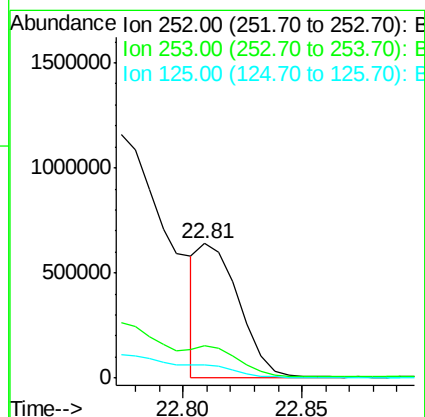
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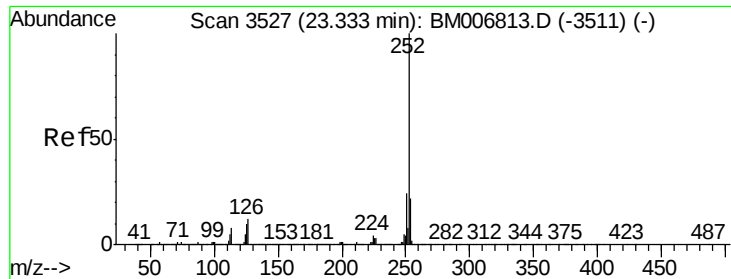
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#36
Benzo(k)fluoranthene
Concen: 8.56 ng/ul m
RT: 22.81 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BM006820.D
Acq: 01 Aug 2016 11:04

Tgt Ion: 252 Resp: 747978
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.0 7.7 11.5





#38

Benzo(a)pyrene

Concen: 20.85 ng/ul

RT: 23.34 min Scan# 3528

Delta R.T. 0.02 min

Lab File: BM006820.D

Acq: 01 Aug 2016 11:04

Instrument :

BNA_M

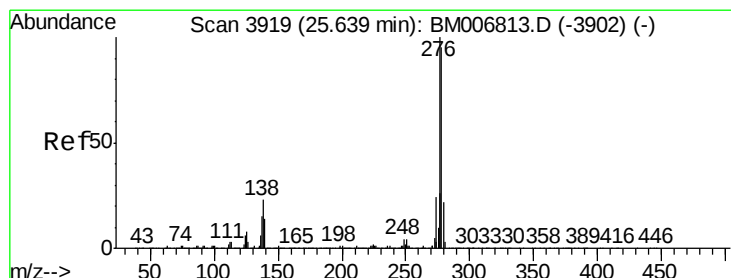
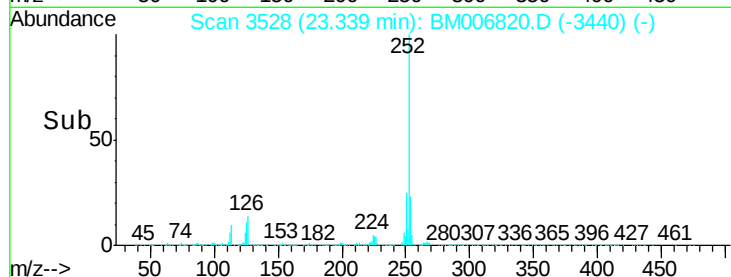
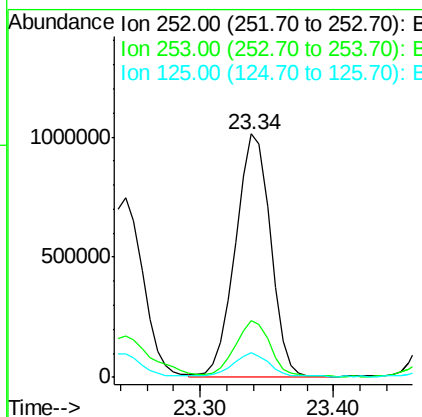
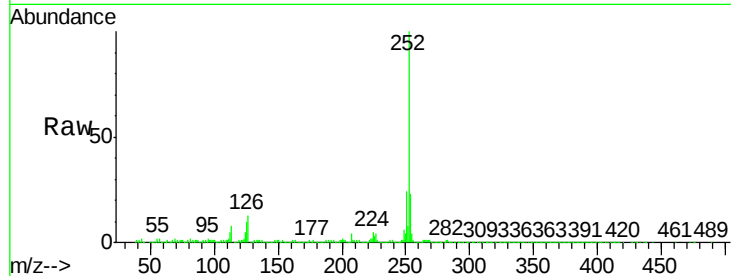
ClientSampled :

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Tgt Ion:	252	Resp:	1832613
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	9.9	8.2	12.2

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#39

Indeno(1,2,3-cd)pyrene

Concen: 15.58 ng/ul

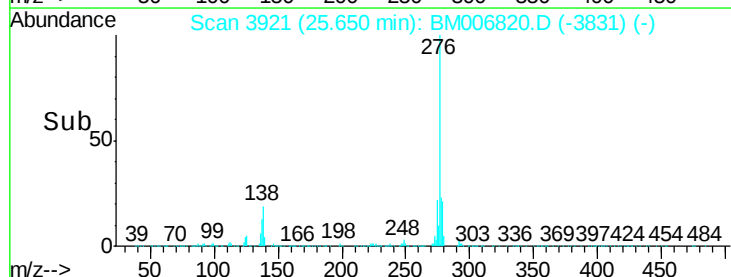
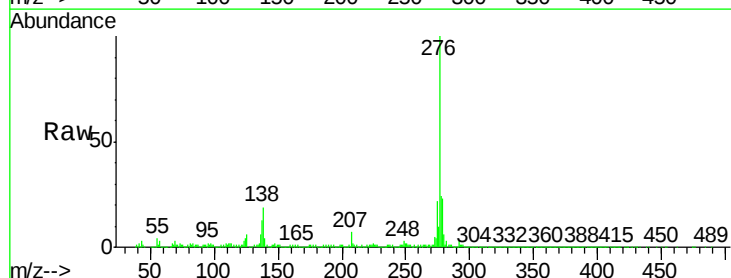
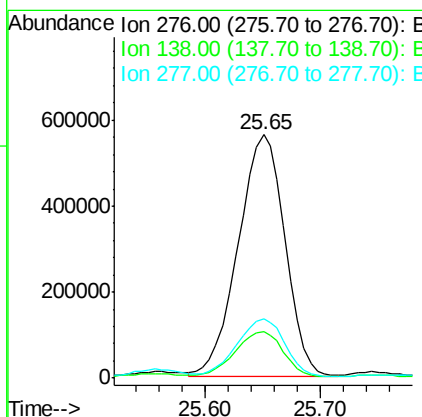
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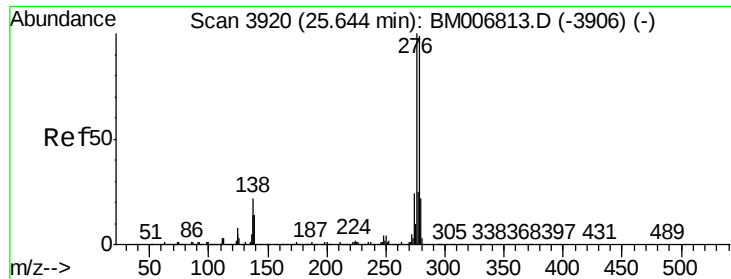
Delta R.T. 0.03 min

Lab File: BM006820.D

Acq: 01 Aug 2016 11:04

Tgt Ion:	276	Resp:	1586320
Ion Ratio	Lower	Upper	
276	100		
138	19.2	15.8	23.6
277	24.3	19.0	28.6





#40

Dibenzo(a,h)anthracene

Concen: 5.10 ng/ul m

RT: 25.64 min Scan# 3920

Delta R.T. 0.02 min

Lab File: BM006820.D

Acq: 01 Aug 2016 11:04

Instrument :

BNA_M

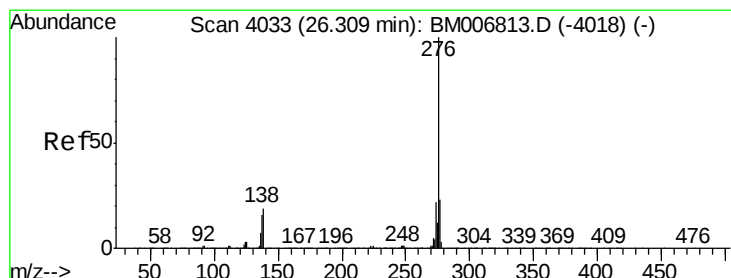
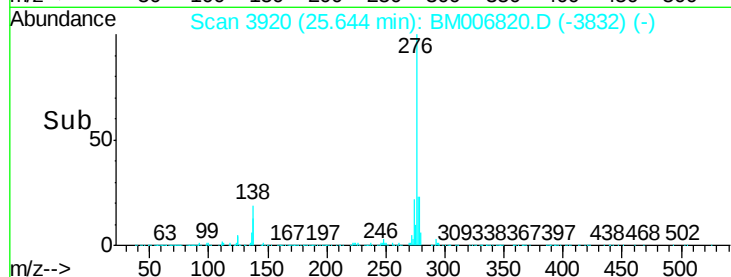
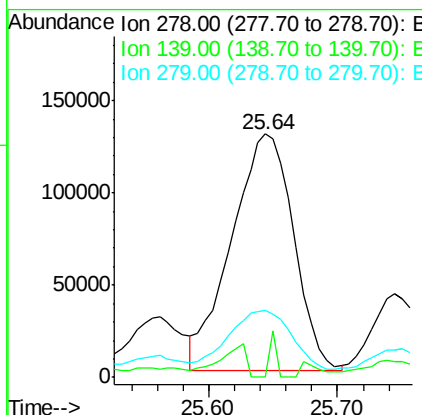
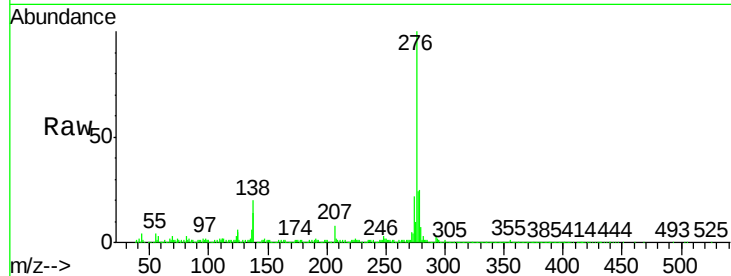
ClientSampleId :

D9ZM0

Tgt	Ion	278	Resp:	430411
Ion	Ratio	Lower	Upper	
278	100			
139	0.0	12.1	18.1#	
279	27.5	19.8	29.8	

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#41

Benzo(g,h,i)perylene

Concen: 18.55 ng/ul

RT: 26.33 min Scan# 4037

Delta R.T. 0.04 min

Lab File: BM006820.D

Acq: 01 Aug 2016 11:04

Tgt	Ion	276	Resp:	1618849
Ion	Ratio	Lower	Upper	
276	100			
138	18.9	13.9	20.9	
277	23.8	19.8	29.6	

