

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006814.D
 Acq On : 01 Aug 2016 07:25
 Operator : UM/SJ
 Sample : H4189-16
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5

Manual Integrations
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Quant Time: Aug 01 08:20:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 01 06:36:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	472118	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	1974831	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	1047860	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	2201022	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	2252437	20.00	ng/ul	0.01
34) Perylene-d12	23.43	264	2434145	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	13932	1.19	ng/uL	0.00
3) Phenol-d5	6.79	99	540479	13.46	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	383972	15.43	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	458560	14.29	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	309336	9.93	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	238839	15.98	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	266297	16.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	442349	14.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	407455	12.32	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1259359	15.33	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1679057	16.01	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	168937	11.84	ng/ul	0.01
21) Fluorene-d10	15.26	176	1114933	15.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	141746	12.41	ng/ul	0.01
26) Anthracene-d10	17.11	188	1669176	15.97	ng/ul	0.00
30) Pyrene-d10	19.42	212	1861408	18.14	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1882085	16.81	ng/ul	0.02

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	609970	4.93	ng/ul	98
27) Anthracene	17.15	178	159361	1.25	ng/ul	97
28) Fluoranthene	19.08	202	1331462	9.16	ng/ul	97
31) Pyrene	19.44	202	1232707	9.04	ng/ul	97
32) Benzo(a)anthracene	21.20	228	672353	4.93	ng/ul	96
33) Chrysene	21.25	228	689842	5.48	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	932362	6.39	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	273769m	1.94	ng/ul	
38) Benzo(a)pyrene	23.33	252	658026	4.63	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	483928	2.94	ng/ul	97
41) Benzo(g,h,i)perylene	26.31	276	456108	3.24	ng/ul	97

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

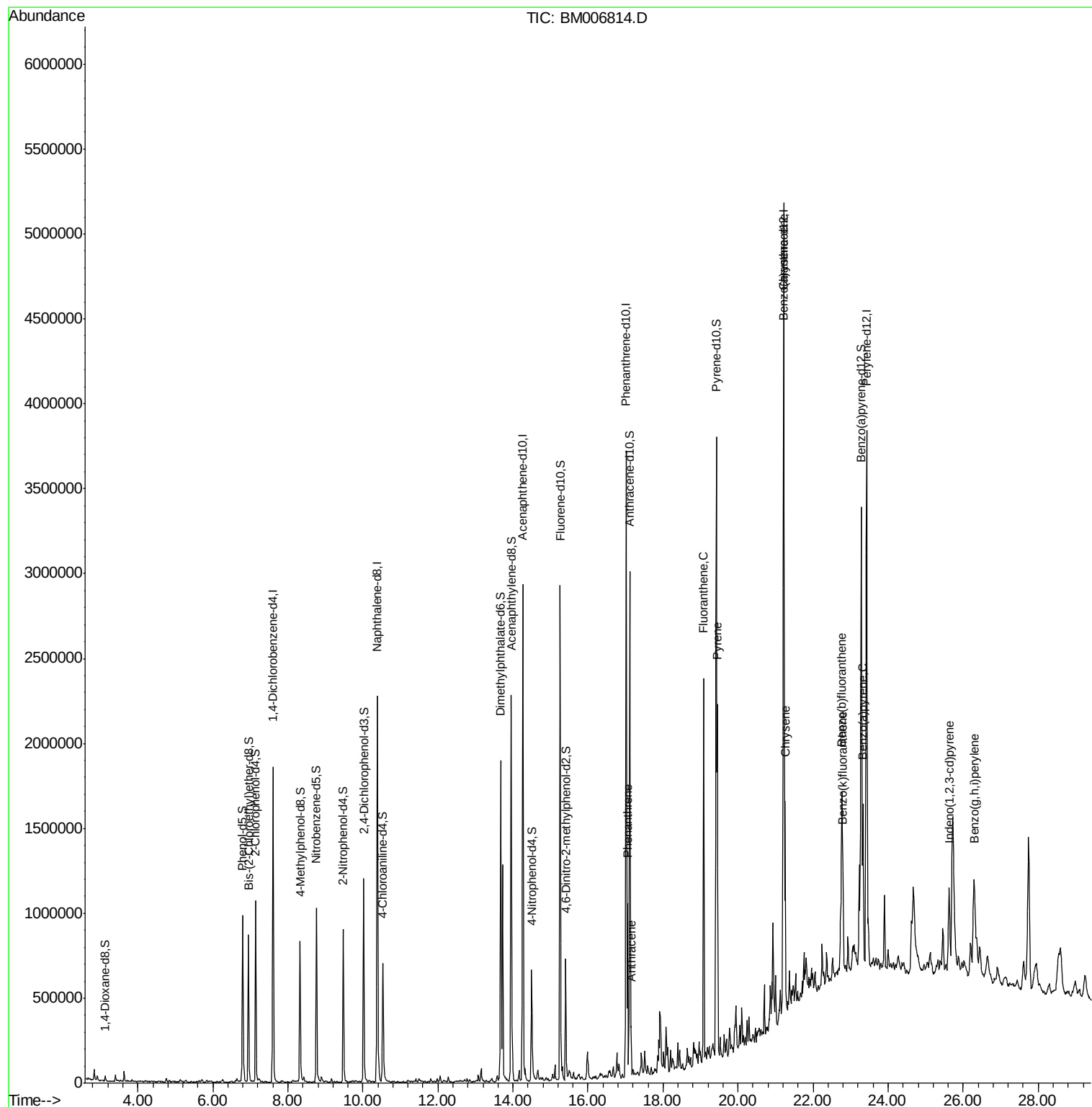
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006814.D
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Operator : UM/SJ
Sample : H4189-16
Misc :
ALS Vial : 81 Sample Multiplier: 1

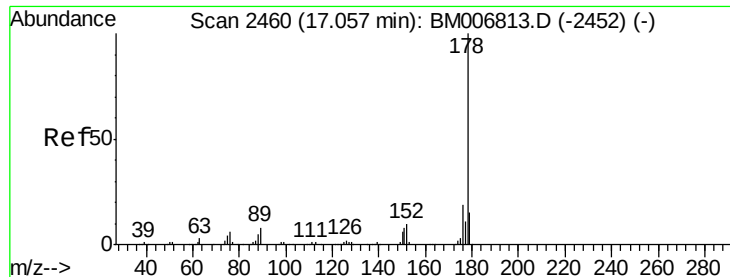
Instrument :
BNA_M
ClientSampleId :
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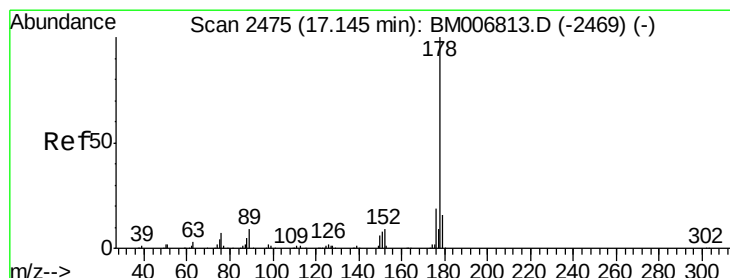
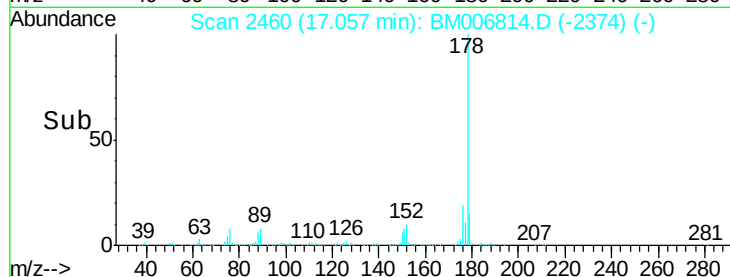
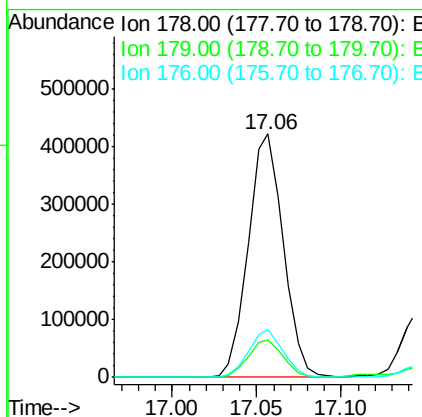
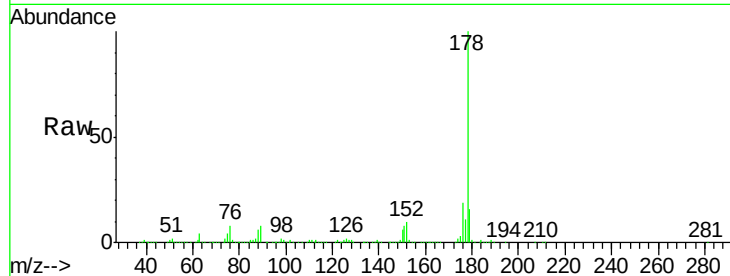
#25
Phenanthrene
Concen: 4.93 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006814.D
Acq: 01 Aug 2016 07:25

Instrument :
BNA_M
ClientSampleId :
D9ZQ5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.5	14.8	22.2

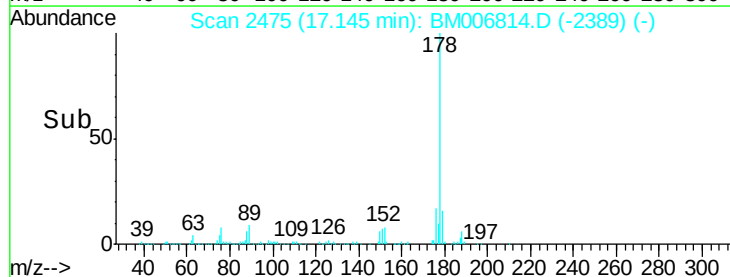
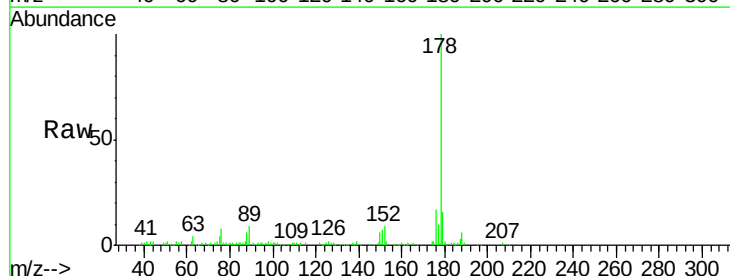
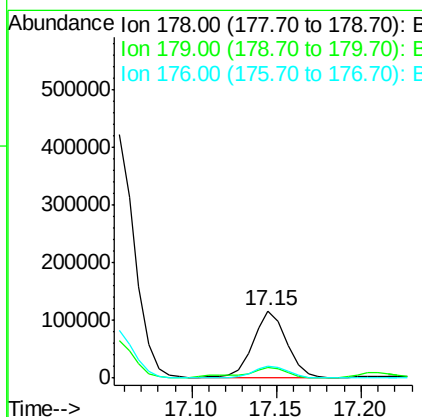
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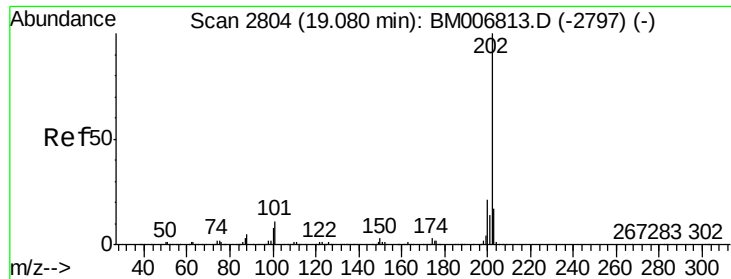
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#27
Anthracene
Concen: 1.25 ng/ul
RT: 17.15 min Scan# 2475
Delta R.T. 0.01 min
Lab File: BM006814.D
Acq: 01 Aug 2016 07:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	17.4	15.6	23.4





#28

Fluoranthene

Concen: 9.16 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.01 min

Lab File: BM006814.D

Acq: 01 Aug 2016 07:25

Instrument :

BNA_M

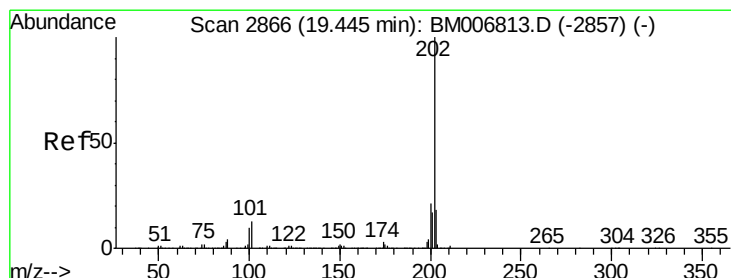
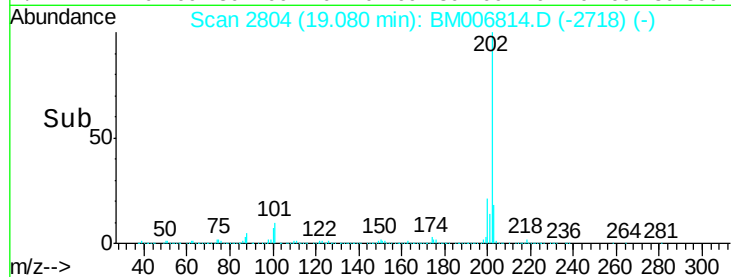
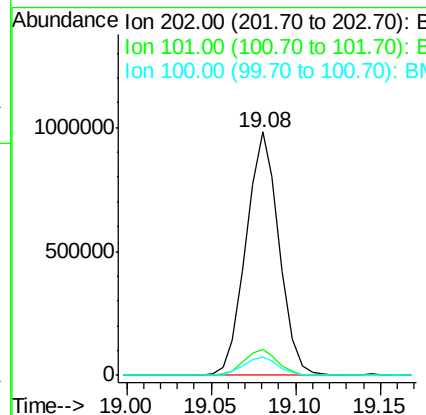
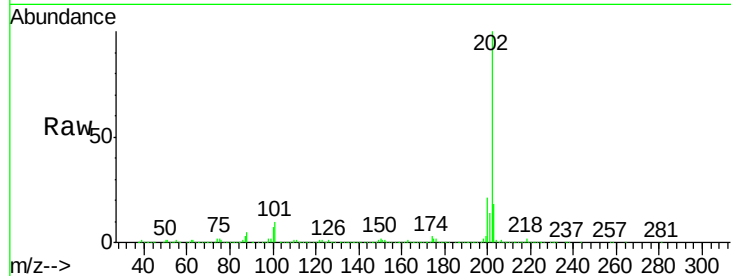
ClientSampleId :

D9ZQ5

Tgt	Ion:202	Resp:	1331462
Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	7.4	7.0	10.4

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#31

Pyrene

Concen: 9.04 ng/ul

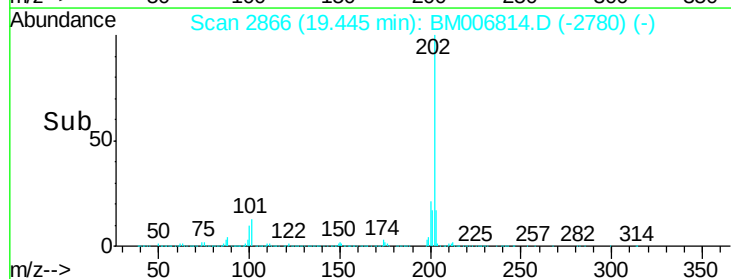
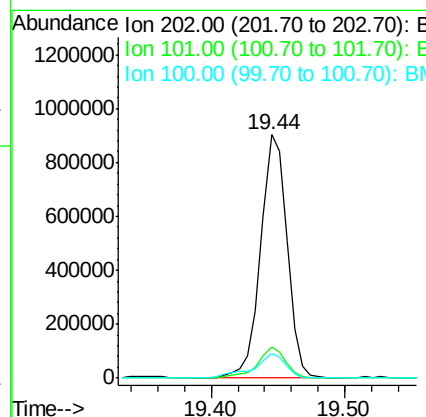
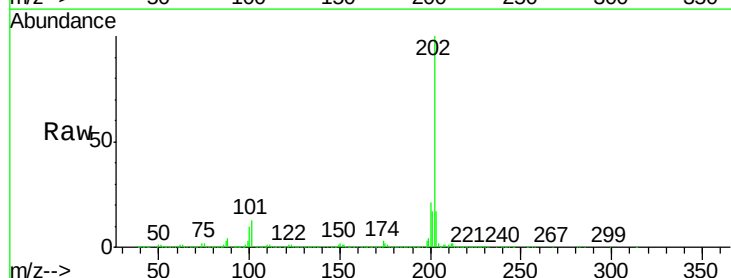
RT: 19.44 min Scan# 2866

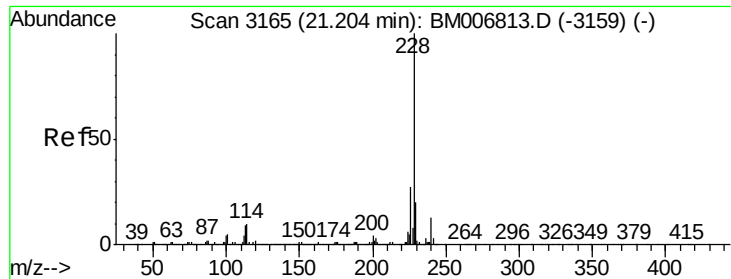
Delta R.T. 0.01 min

Lab File: BM006814.D

Acq: 01 Aug 2016 07:25

Tgt	Ion:202	Resp:	1232707
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.8
100	10.1	9.3	13.9





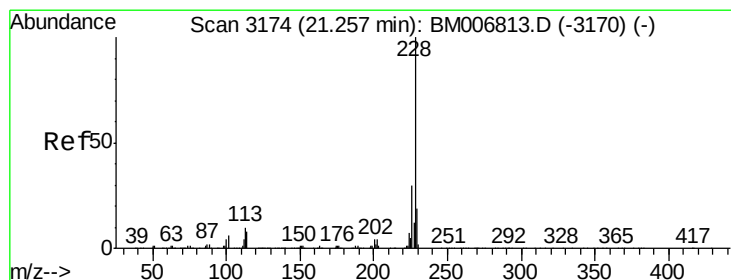
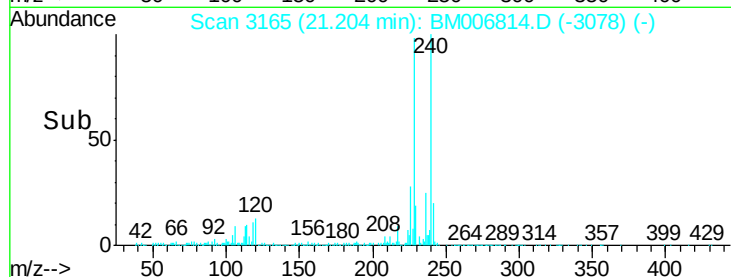
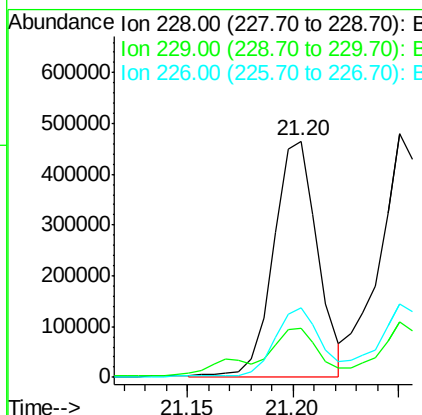
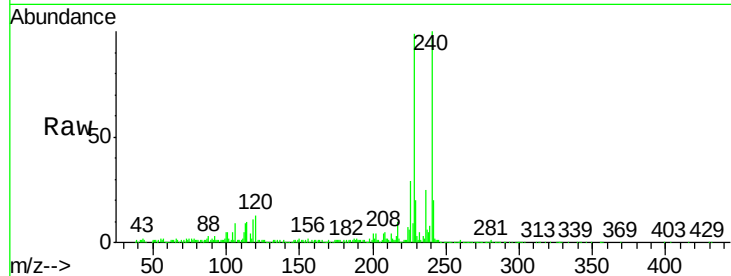
#32
Benzo(a)anthracene
Concen: 4.93 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006814.D
Acq: 01 Aug 2016 07:25

Instrument :
BNA_M
ClientSampleId :
D9ZQ5

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	25.0
226	29.3	21.0	31.4

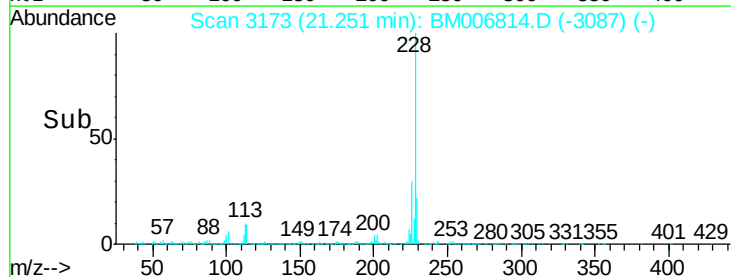
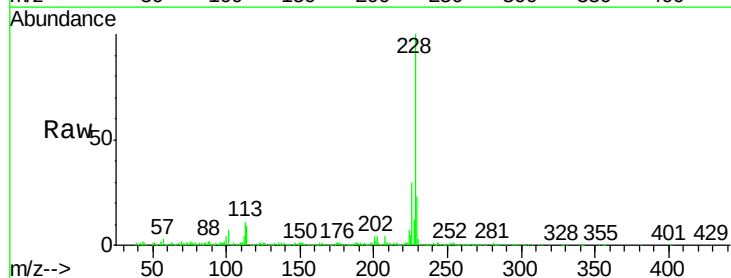
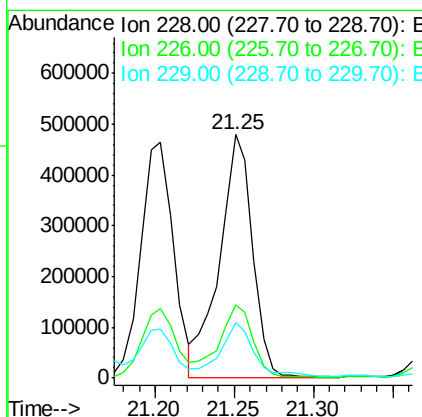
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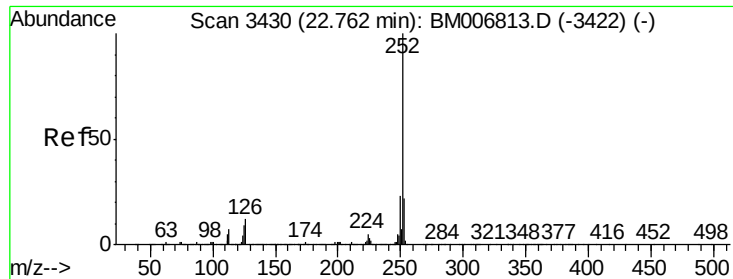
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#33
Chrysene
Concen: 5.48 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.01 min
Lab File: BM006814.D
Acq: 01 Aug 2016 07:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.6	16.2	24.2





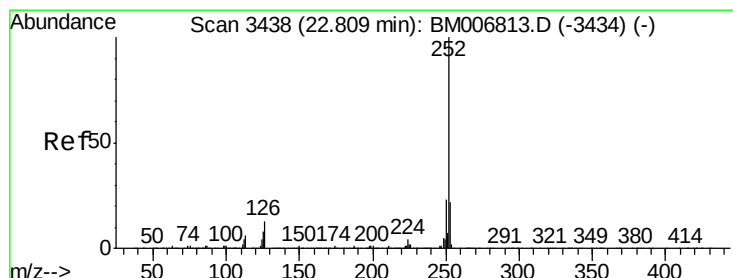
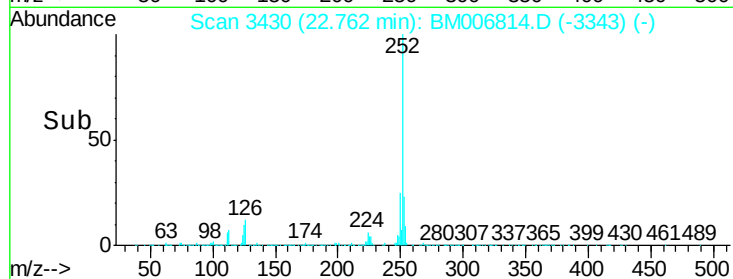
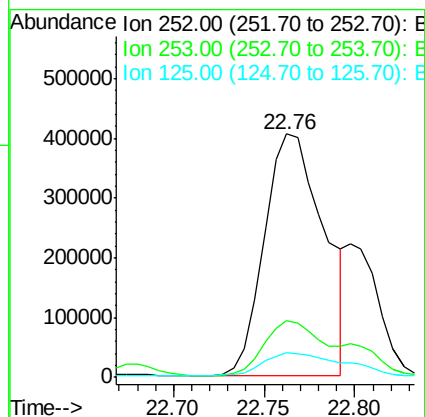
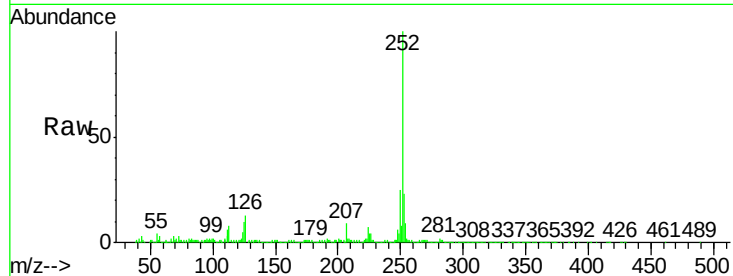
#35
Benzo(b)fluoranthene
Concen: 6.39 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006814.D
Acq: 01 Aug 2016 07:25

Instrument :
BNA_M
ClientSampleId :
D9ZQ5

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	932362		
253	23.3	18.1	27.1	
125	10.2	7.6	11.4	

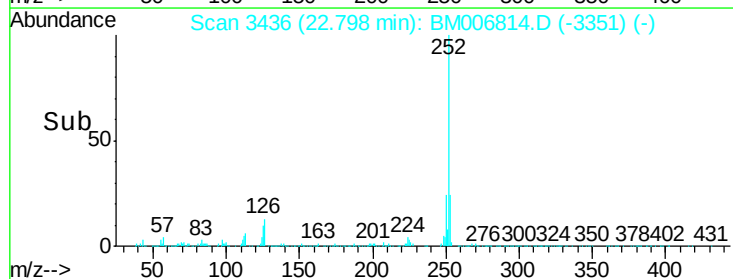
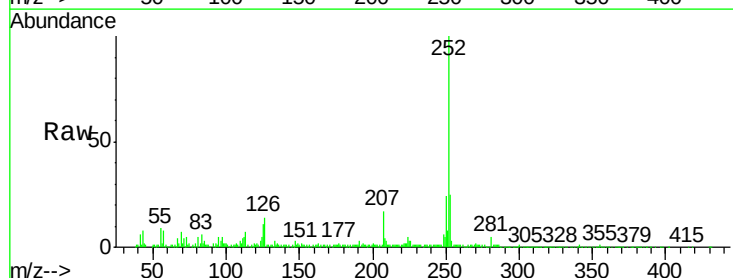
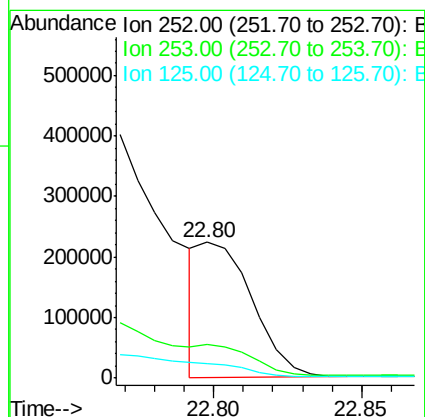
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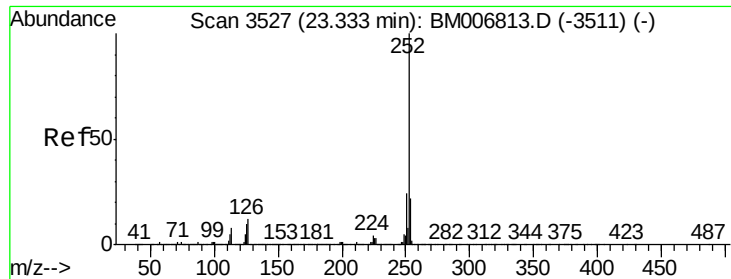
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#36
Benzo(k)fluoranthene
Concen: 1.94 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006814.D
Acq: 01 Aug 2016 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	273769		
253	24.8	17.8	26.8	
125	10.6	7.7	11.5	





#38

Benzo(a)pyrene

Concen: 4.63 ng/ul

RT: 23.33 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BM006814.D

Acq: 01 Aug 2016 07:25

Instrument :

BNA_M

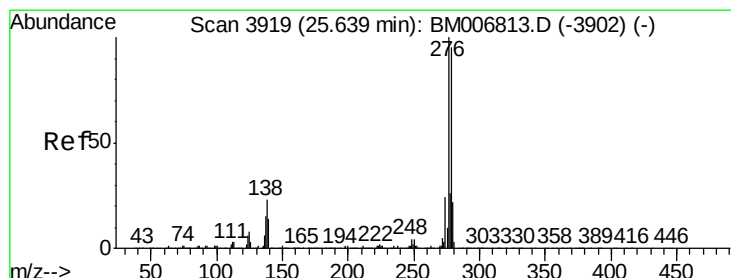
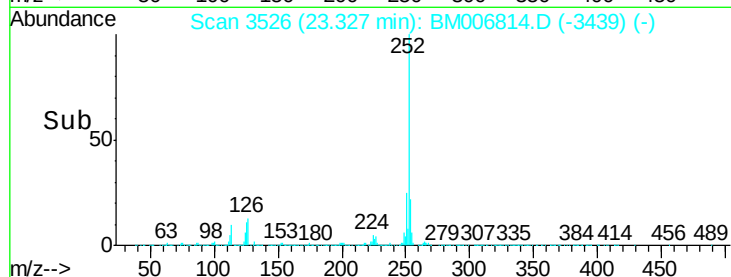
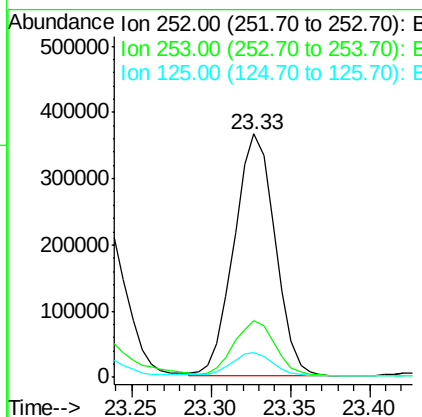
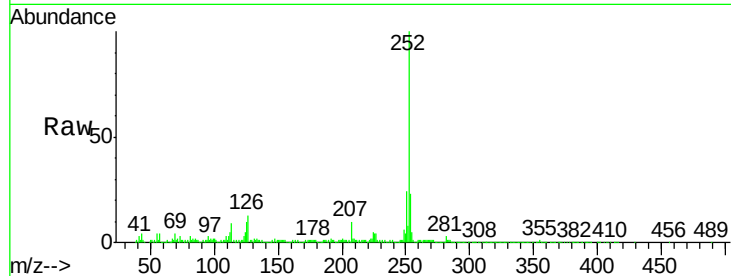
ClientSampled :

D9ZQ5

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	658026		
253	23.1	17.4	26.0	
125	10.4	8.2	12.2	

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#39

Indeno(1,2,3-cd)pyrene

Concen: 2.94 ng/ul

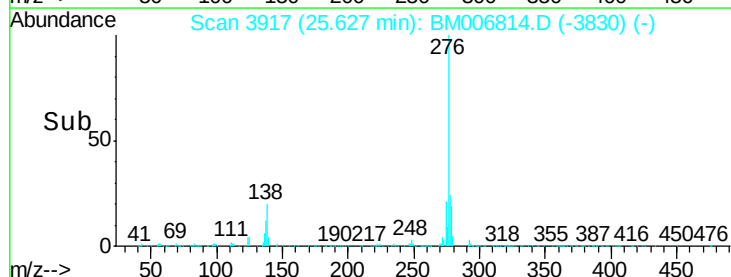
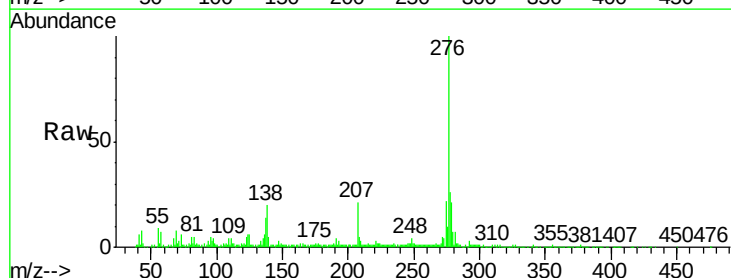
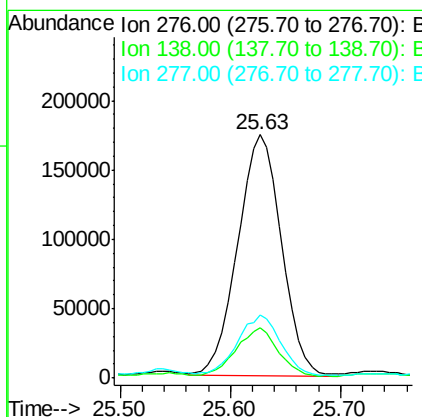
RT: 25.63 min Scan# 3917

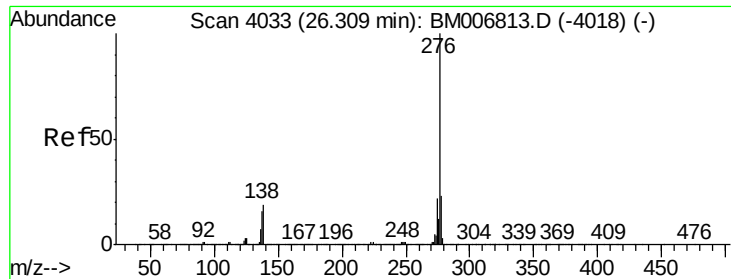
Delta R.T. 0.01 min

Lab File: BM006814.D

Acq: 01 Aug 2016 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	483928		
138	20.5	15.8	23.6	
277	25.7	19.0	28.6	





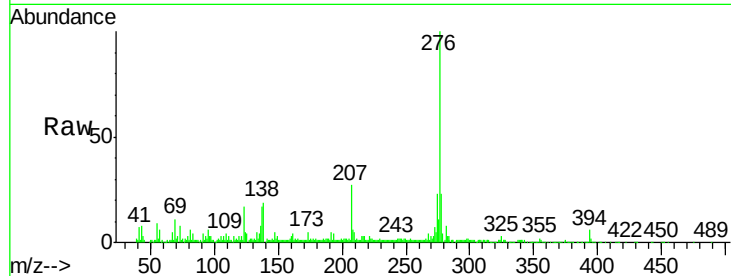
#41
 Benzo(g,h,i)perylene
 Concen: 3.24 ng/ul
 RT: 26.31 min Scan# 4033
 Delta R.T. 0.02 min
 Lab File: BM006814.D
 Acq: 01 Aug 2016 07:25

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ5

Tgt Ion:	276	Resp:	456108
Ion Ratio	Lower	Upper	
276	100		
138	18.7	13.9	20.9
277	23.1	19.8	29.6

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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

