

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006824.D
 Acq On : 01 Aug 2016 13:29
 Operator : UM/SJ
 Sample : H4189-08
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM7

Manual Integrations
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Quant Time: Aug 01 14:31:17 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	480604	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	2018330	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	1082415	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	2299674	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	2187139	20.00	ng/ul	0.01
34) Perylene-d12	23.44	264	2376981	20.00	ng/ul	0.03

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	20066	1.69	ng/uL	0.00
3) Phenol-d5	6.80	99	894022	21.87	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	560304	22.12	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	722597	22.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	611518	19.28	ng/ul	0.01
8) Nitrobenzene-d5	8.76	128	364753	23.87	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	402702	24.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	693304	22.58	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	491223	14.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	1987121	23.41	ng/ul	0.01
17) Acenaphthylene-d8	13.96	160	2525899	23.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	303770	20.61	ng/ul	0.02
21) Fluorene-d10	15.26	176	1709873	22.53	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	139648	11.70	ng/ul	0.02
26) Anthracene-d10	17.12	188	2529979	23.17	ng/ul	0.00
30) Pyrene-d10	19.43	212	2485960	24.94	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.30	264	2551644	23.34	ng/ul	0.02

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	233343	1.80	ng/ul	96
27) Anthracene	17.15	178	179951	1.35	ng/ul	99
28) Fluoranthene	19.09	202	592034	3.90	ng/ul	98
31) Pyrene	19.45	202	590157	4.46	ng/ul	96
32) Benzo(a)anthracene	21.21	228	426611	3.22	ng/ul	96
33) Chrysene	21.26	228	462586	3.79	ng/ul	95
35) Benzo(b)fluoranthene	22.77	252	794616	5.58	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	250512m	1.82	ng/ul	
38) Benzo(a)pyrene	23.34	252	439488	3.17	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.66	276	348012	2.17	ng/ul	96
41) Benzo(g,h,i)perylene	26.34	276	317640	2.31	ng/ul#	95

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

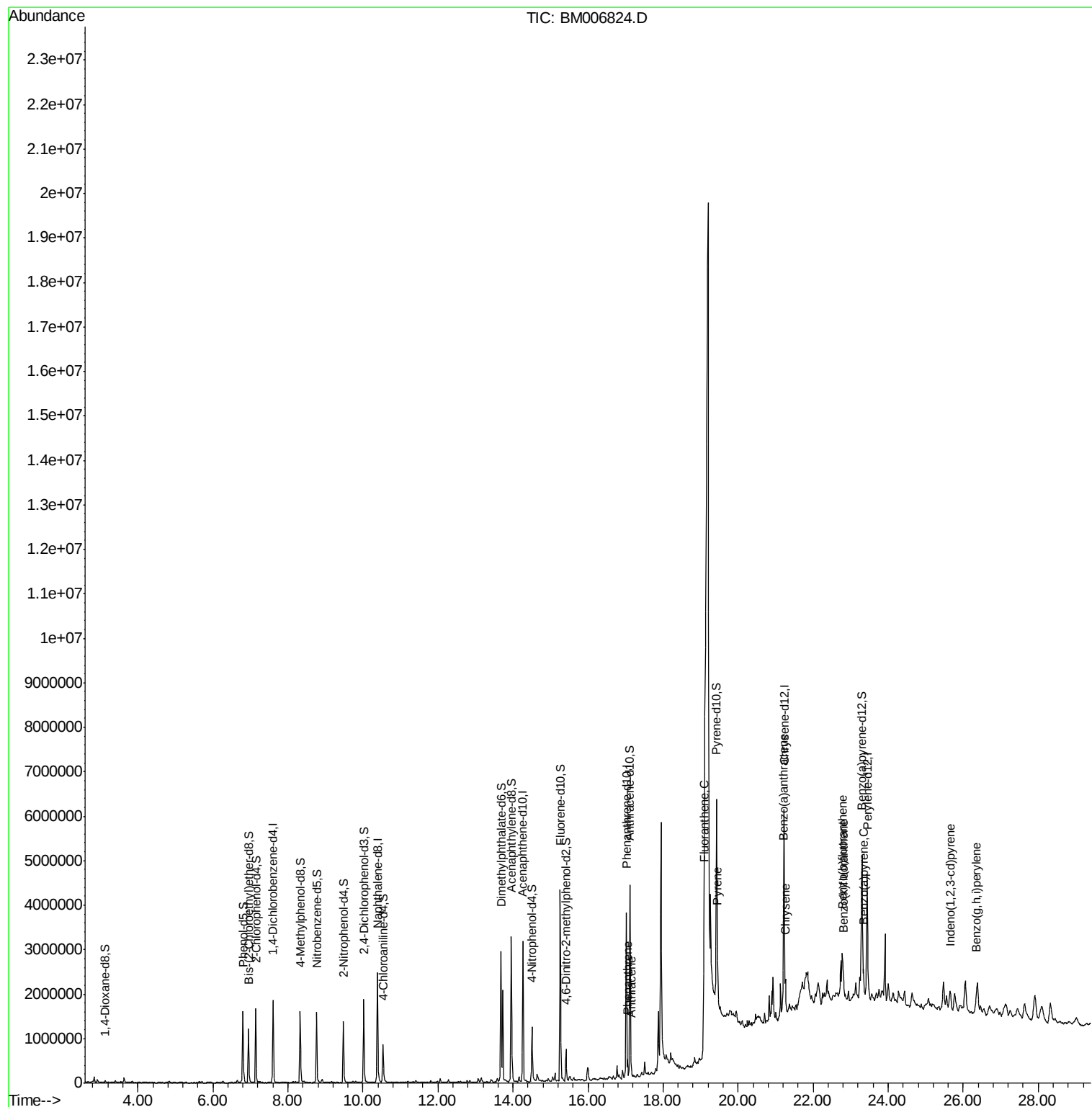
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006824.D
Acq On : 01 Aug 2016 13:29
Operator : UM/SJ
Sample : H4189-08
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ALS Vial : 91 Sample Multiplier: 1

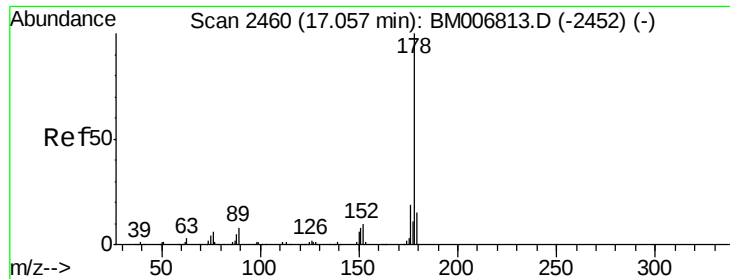
Instrument :
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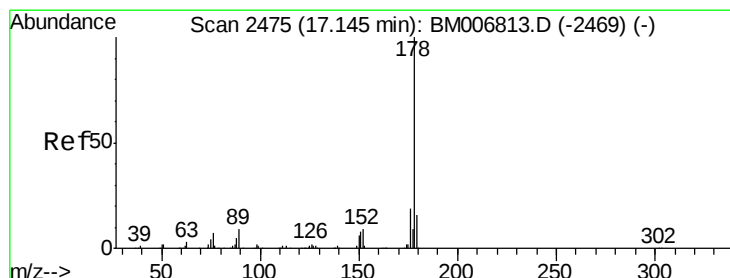
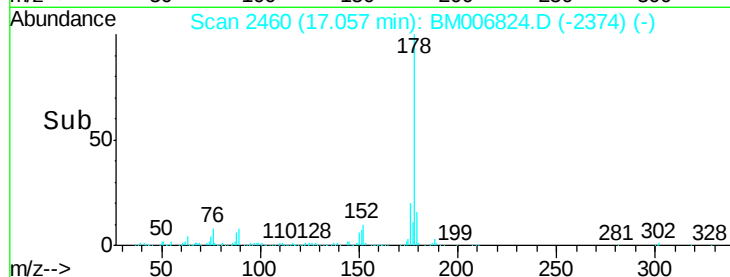
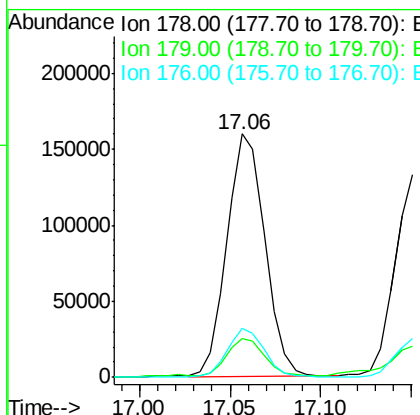
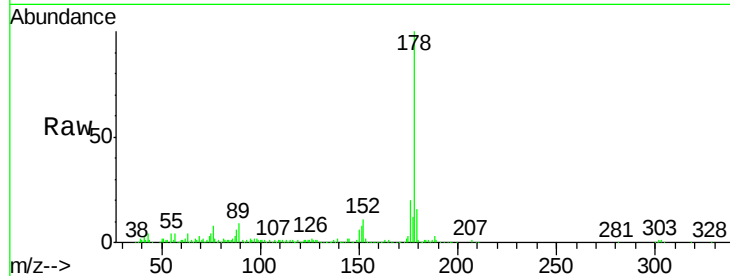
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Phenanthrene
Concen: 1.80 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006824.D
Acq: 01 Aug 2016 13:29

Instrument :
BNA_M
ClientSampleId :
D9ZM7

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	233343		
179	16.1		11.8	17.8
176	20.2		14.8	22.2

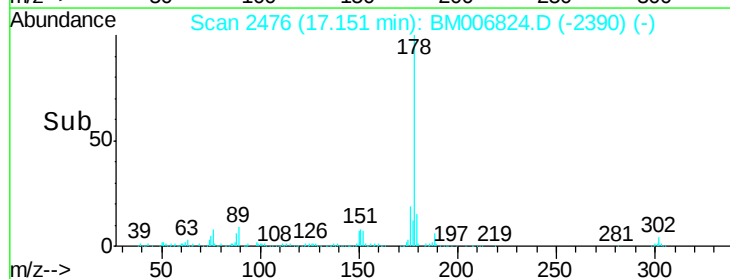
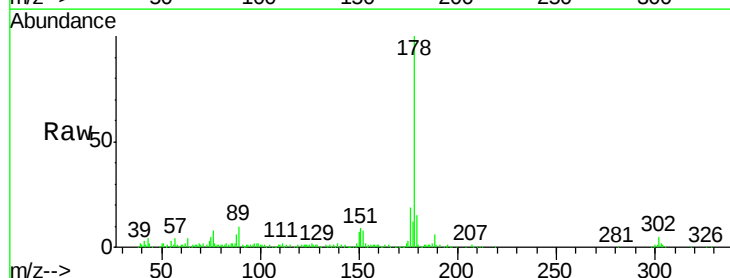
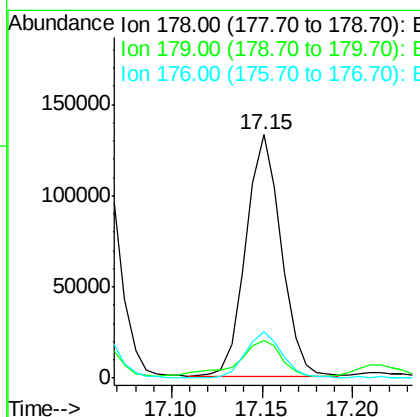
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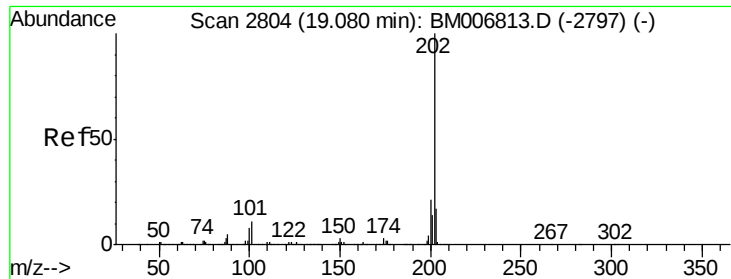
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#27
Anthracene
Concen: 1.35 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM006824.D
Acq: 01 Aug 2016 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	179951		
179	15.3		12.9	19.3
176	19.0		15.6	23.4





#28

Fluoranthene

Concen: 3.90 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BM006824.D

Acq: 01 Aug 2016 13:29

Instrument :

BNA_M

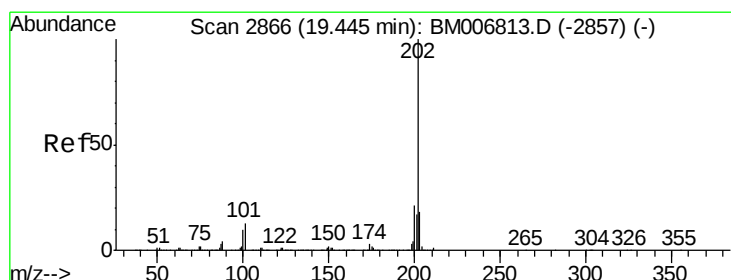
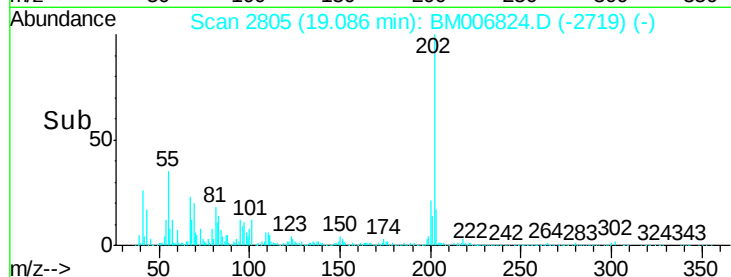
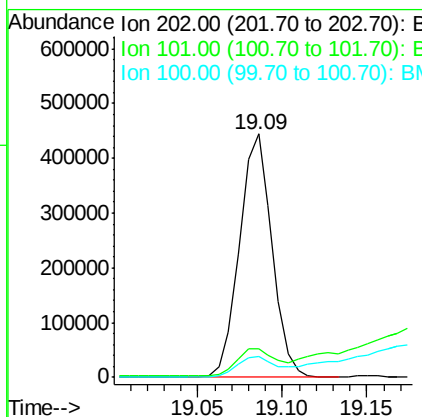
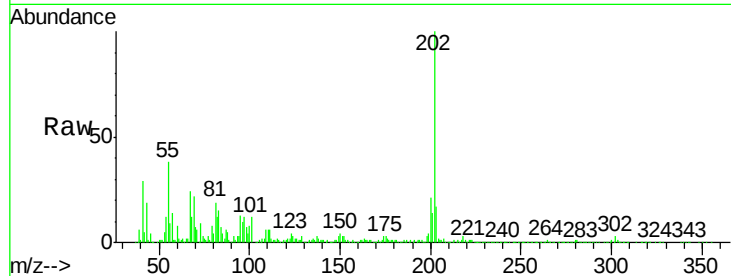
ClientSampleId :

D9ZM7

Tgt Ion:	202	Resp:	592034
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.9	13.3
100	8.4	7.0	10.4

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#31

Pyrene

Concen: 4.46 ng/ul

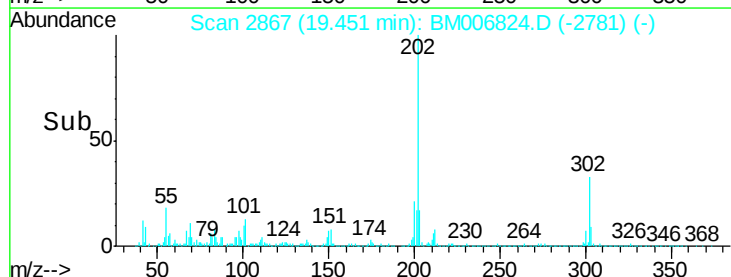
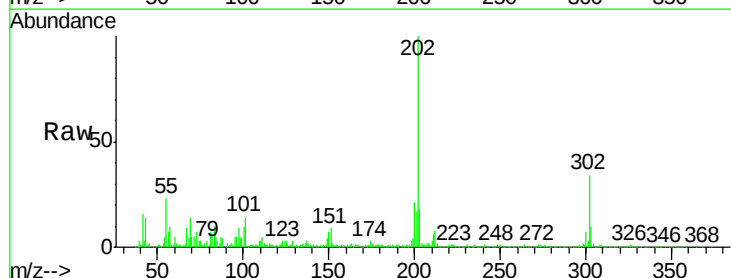
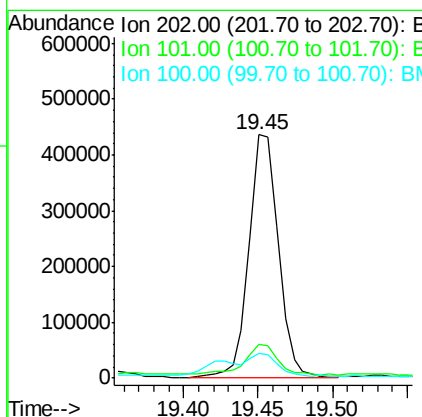
RT: 19.45 min Scan# 2867

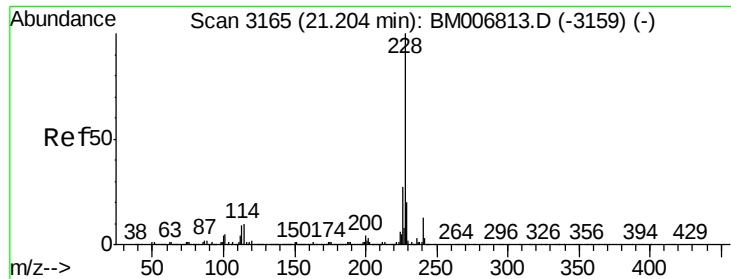
Delta R.T. 0.01 min

Lab File: BM006824.D

Acq: 01 Aug 2016 13:29

Tgt Ion:	202	Resp:	590157
Ion Ratio	Lower	Upper	
202	100		
101	13.8	9.8	14.8
100	10.1	9.3	13.9





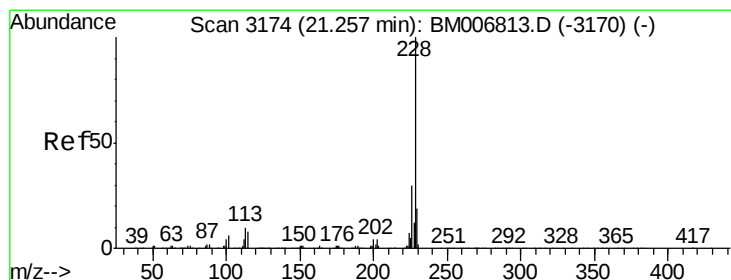
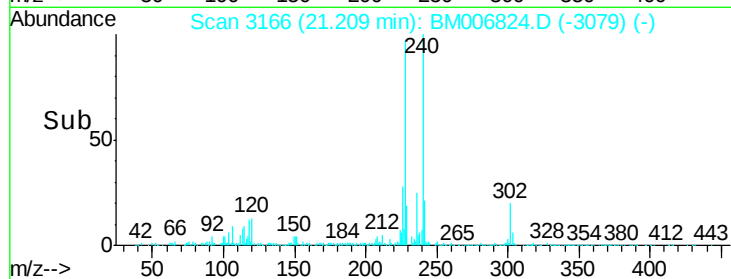
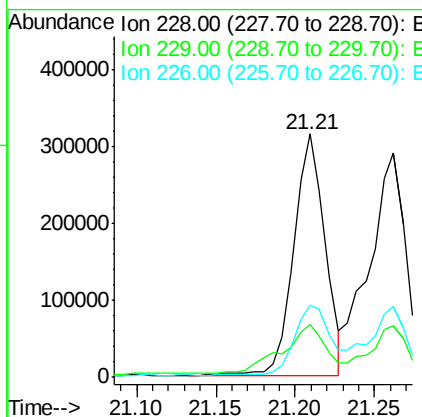
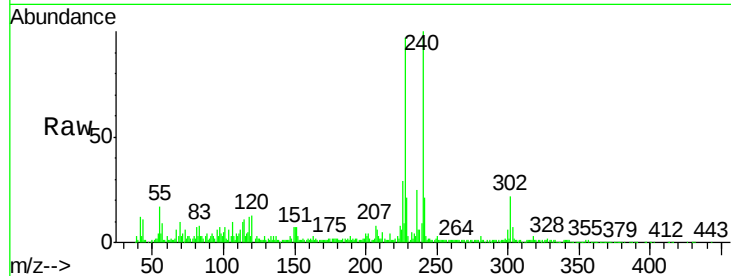
#32
Benzo(a)anthracene
Concen: 3.22 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006824.D
Acq: 01 Aug 2016 13:29

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.6	25.0
226	29.4	21.0	31.4

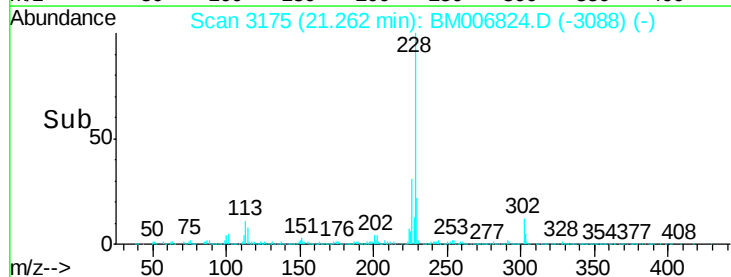
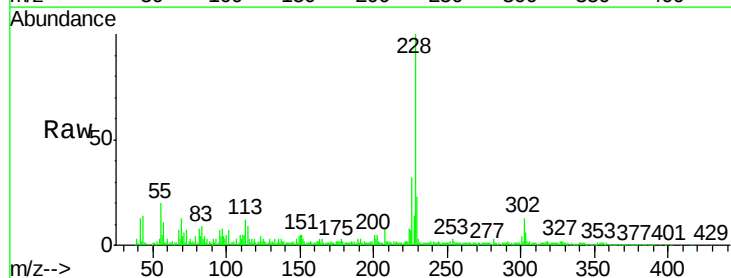
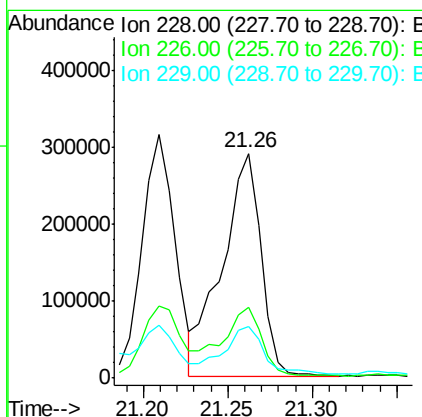
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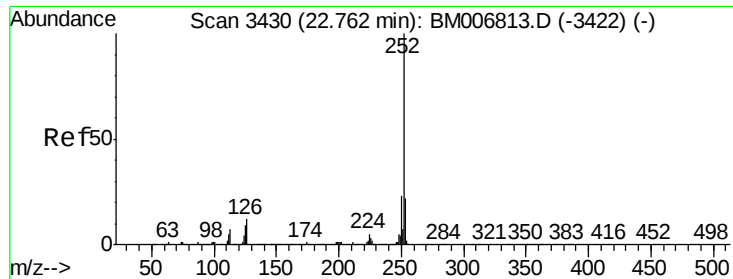
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#33
Chrysene
Concen: 3.79 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006824.D
Acq: 01 Aug 2016 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	22.9	16.2	24.2





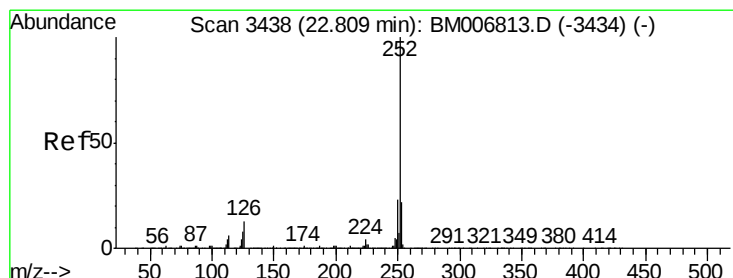
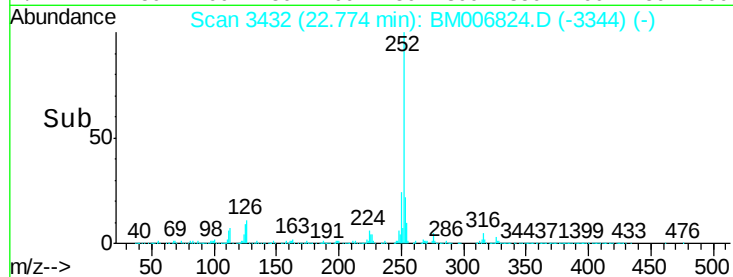
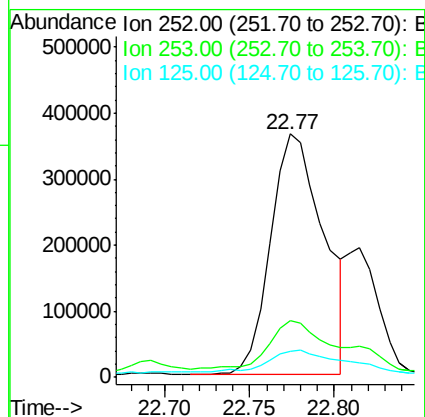
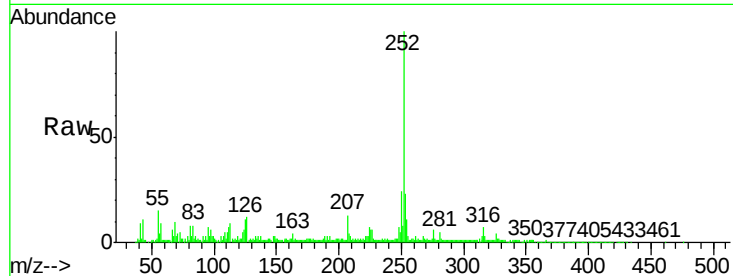
#35
Benzo(b)fluoranthene
Concen: 5.58 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.02 min
Lab File: BM006824.D
Acq: 01 Aug 2016 13:29

Instrument :
BNA_M
ClientSampleId :
D9ZM7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	794616		
253	23.2	18.1	27.1	
125	10.6	7.6	11.4	

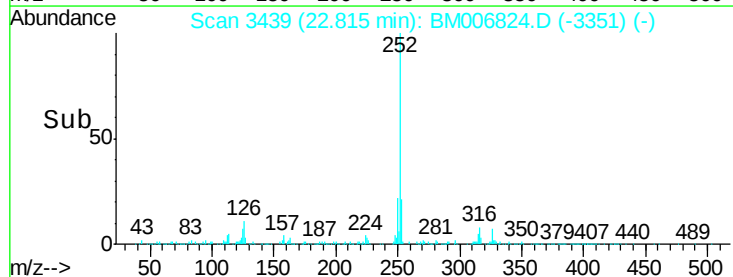
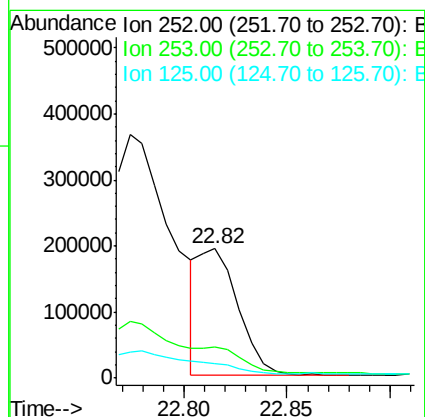
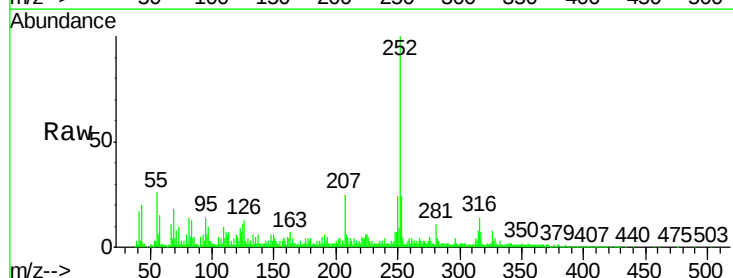
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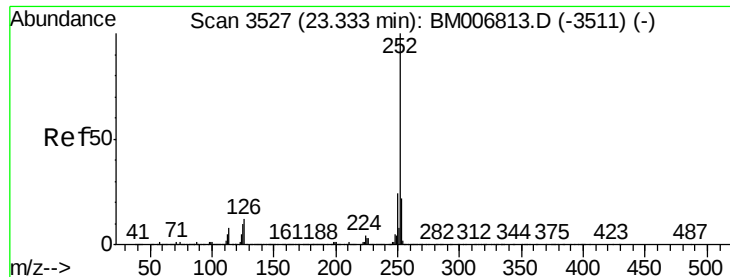
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#36
Benzo(k)fluoranthene
Concen: 1.82 ng/ul m
RT: 22.82 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006824.D
Acq: 01 Aug 2016 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	250512		
253	24.3	17.8	26.8	
125	11.2	7.7	11.5	





#38

Benzo(a)pyrene

Concen: 3.17 ng/ul

RT: 23.34 min Scan# 3529

Delta R.T. 0.02 min

Lab File: BM006824.D

Acq: 01 Aug 2016 13:29

Instrument :

BNA_M

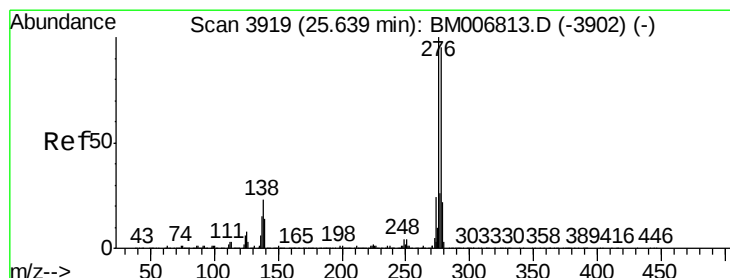
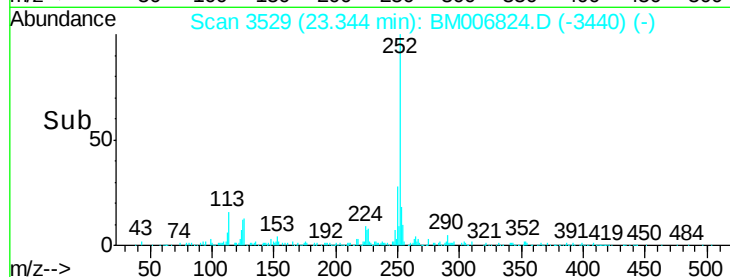
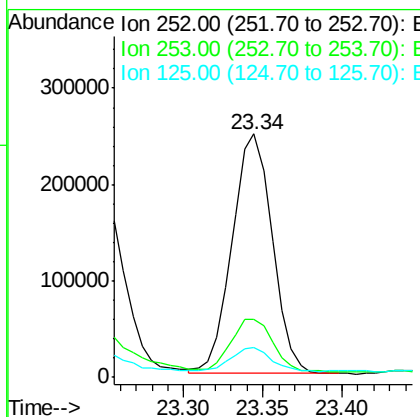
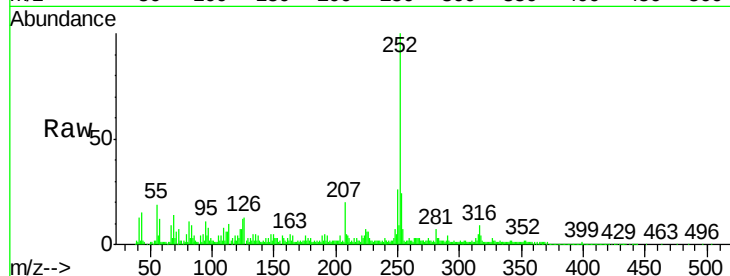
ClientSampleId :

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Tgt Ion:	252	Resp:	439488
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	12.1	8.2	12.2

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#39

Indeno(1,2,3-cd)pyrene

Concen: 2.17 ng/ul

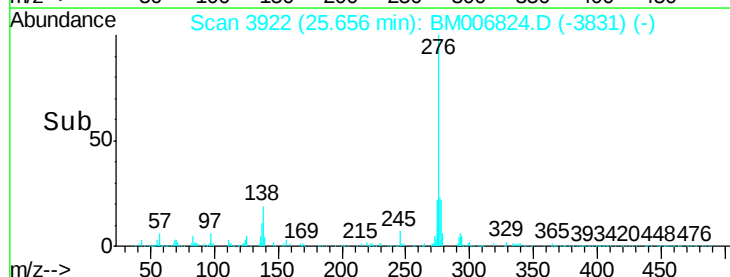
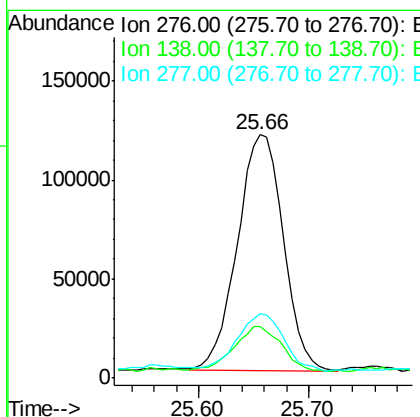
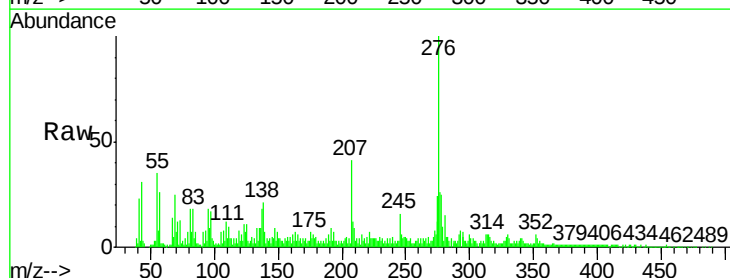
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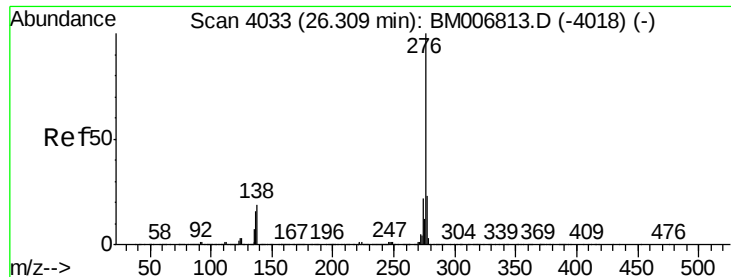
Delta R.T. 0.04 min

Lab File: BM006824.D

Acq: 01 Aug 2016 13:29

Tgt Ion:	276	Resp:	348012
Ion Ratio	Lower	Upper	
276	100		
138	21.3	15.8	23.6
277	26.4	19.0	28.6





#41

Benzo(g,h,i)perylene

Concen: 2.31 ng/ul

RT: 26.34 min Scan# 4038

Delta R.T. 0.05 min

Lab File: BM006824.D

Acq: 01 Aug 2016 13:29

Instrument :

BNA_M

ClientSampleId :

D9ZM7

Tgt	Ion	276	Resp:	317640
Ion	Ratio	100	Lower	Upper
276	100			
138	21.0	13.9	20.9#	
277	25.8	19.8	29.6	

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