

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006964.D
 Acq On : 07 Aug 2016 07:31
 Operator : UM/SJ
 Sample : H4302-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0J7

Manual Integrations
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Quant Time: Aug 08 04:43:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 03:51:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	171017	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	846398	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	575633	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1394706	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1443166	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1073183	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	7555	2.02	ng/uL	0.00
3) Phenol-d5	6.77	99	298593	18.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	246310	24.22	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	250313	21.62	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	220191	16.27	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	140901	22.41	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	163878	21.77	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	293602	20.57	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	383931m	22.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1226925	24.22	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1387006	23.67	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	123900	16.86	ng/ul	0.02
21) Fluorene-d10	15.21	176	1055893	24.52	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	129093m	22.42	ng/ul	0.00
26) Anthracene-d10	17.06	188	1644549	24.41	ng/ul	0.00
30) Pyrene-d10	19.37	212	1887121	27.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1255178	24.56	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.00	178	187390	2.40	ng/ul	96
28) Fluoranthene	19.04	202	302020	3.18	ng/ul#	97
31) Pyrene	19.40	202	256322m	2.86	ng/ul	
32) Benzo(a)anthracene	21.16	228	137234	1.60	ng/ul	95
33) Chrysene	21.21	228	116720	1.55	ng/ul	98
35) Benzo(b)fluoranthene	22.72	252	157956	2.26	ng/ul	99
38) Benzo(a)pyrene	23.26	252	91592	1.44	ng/ul#	89
39) Indeno(1,2,3-cd)pyrene	25.54	276	71263	1.11	ng/ul	96
41) Benzo(g,h,i)perylene	26.22	276	66109m	1.30	ng/ul	

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

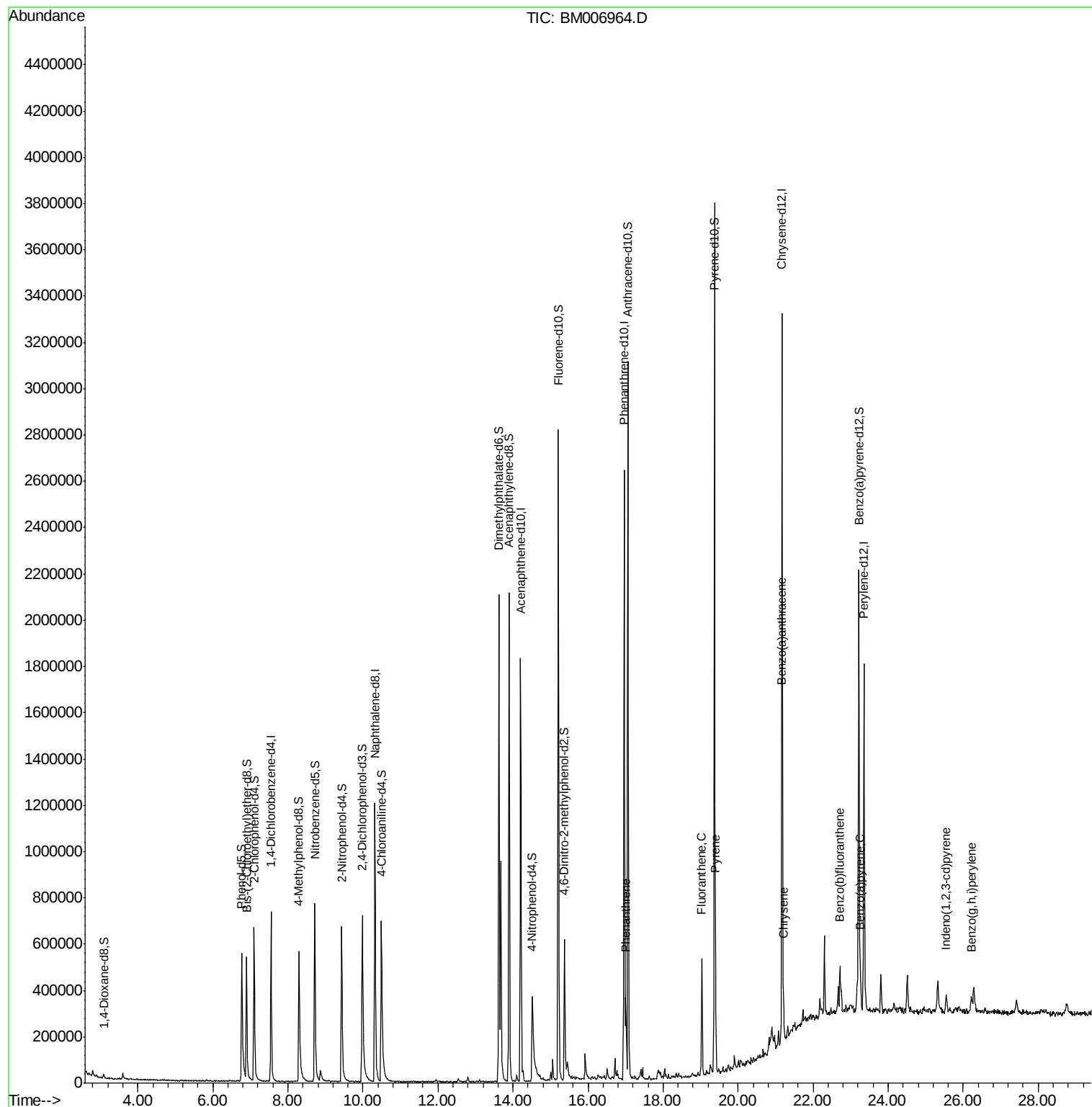
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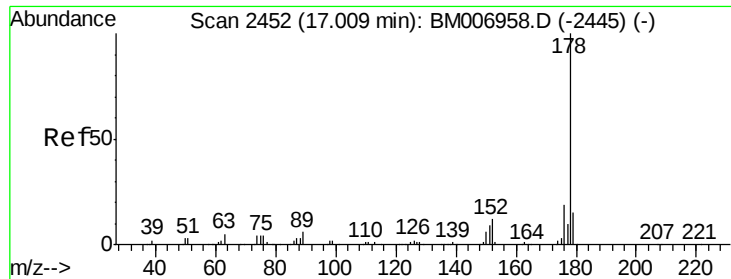
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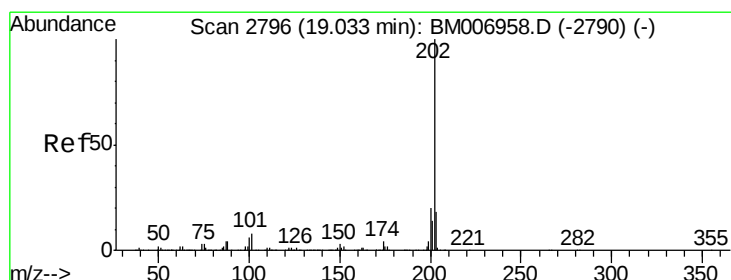
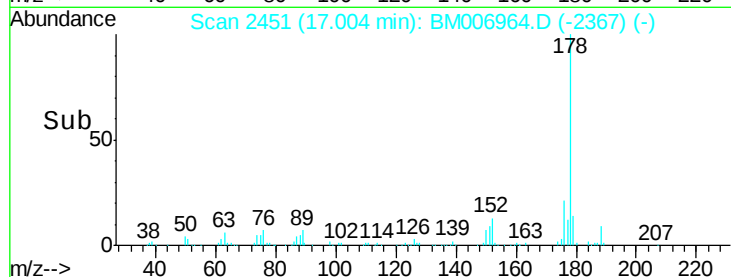
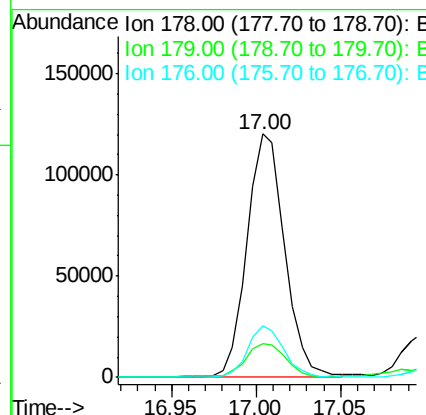
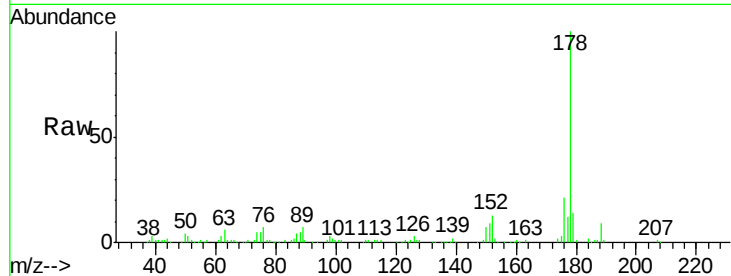
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Phenanthrene
Concen: 2.40 ng/ul
RT: 17.00 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BM006964.D
Acq: 07 Aug 2016 07:31

Instrument :
BNA_M
ClientSampleId :
DA0J7

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	187390		
179	13.9	12.0	18.0	
176	21.2	15.0	22.4	

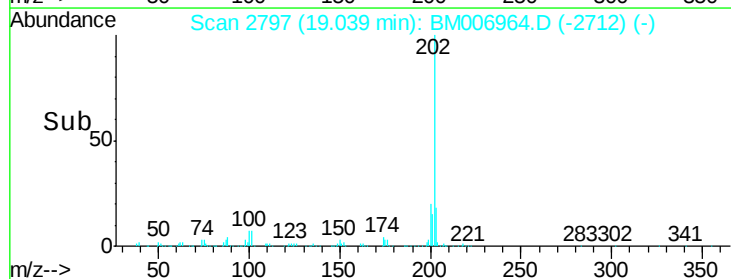
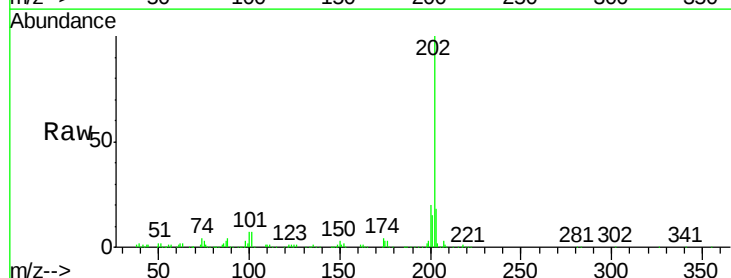
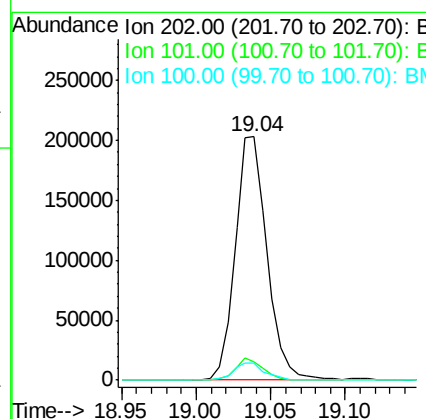
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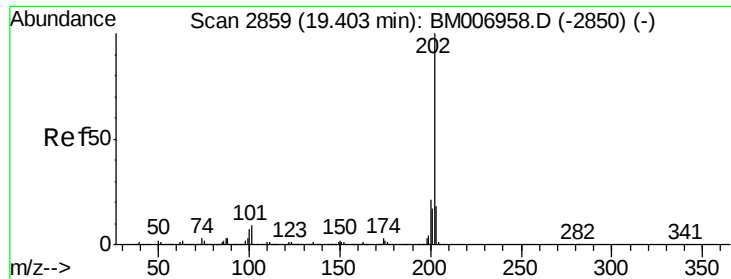
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#28
Fluoranthene
Concen: 3.18 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BM006964.D
Acq: 07 Aug 2016 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	302020		
101	7.5	5.6	8.4	
100	6.9	4.2	6.4#	





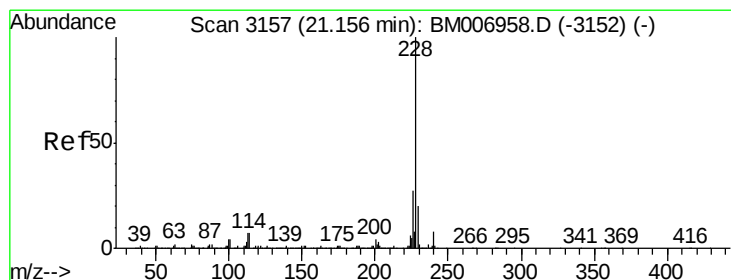
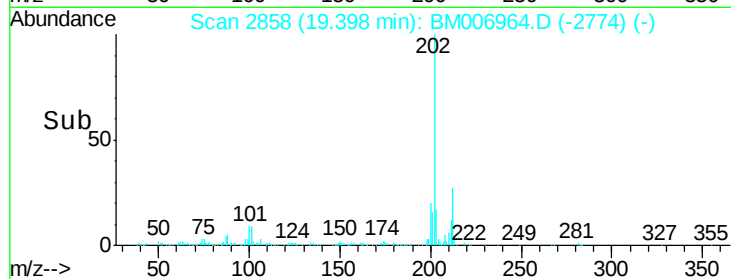
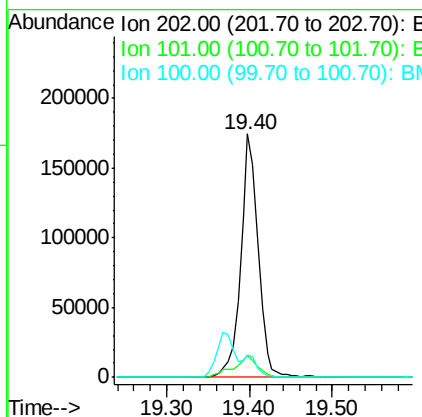
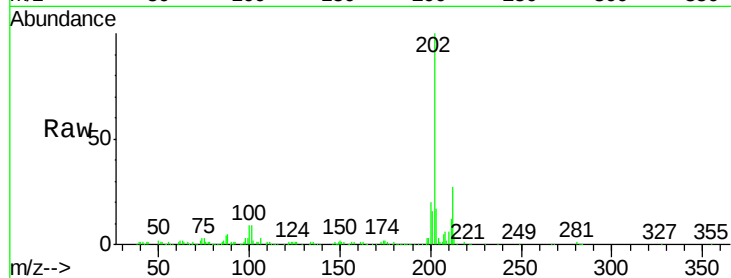
#31
 Pyrene
 Concen: 2.86 ng/ul m
 RT: 19.40 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM006964.D
 Acq: 07 Aug 2016 07:31

Instrument :
 BNA_M
 ClientSampleId :
 DA0J7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	6.4	9.6
100	9.0	5.4	8.2

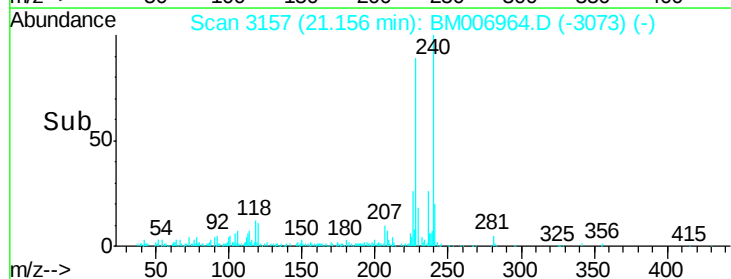
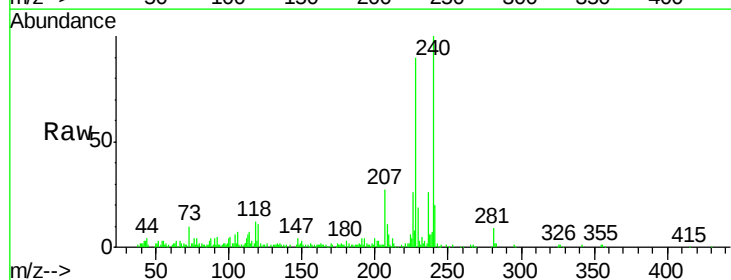
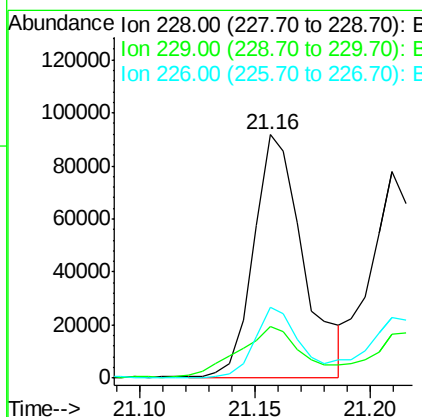
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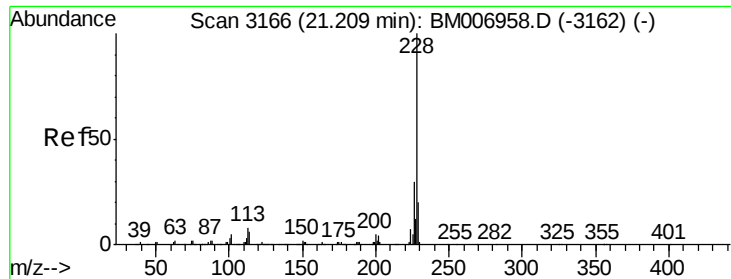
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#32
 Benzo(a)anthracene
 Concen: 1.60 ng/ul
 RT: 21.16 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BM006964.D
 Acq: 07 Aug 2016 07:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.4	15.2	22.8
226	29.0	21.3	31.9





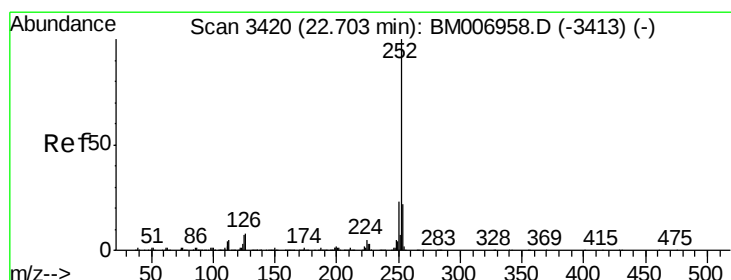
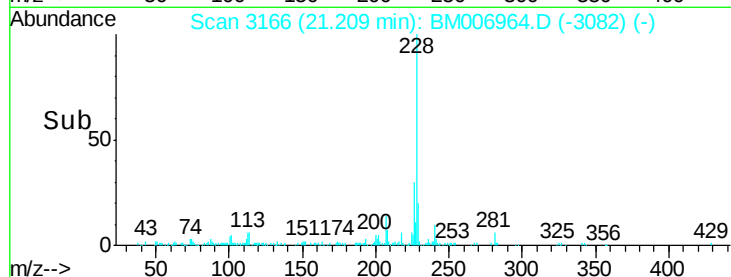
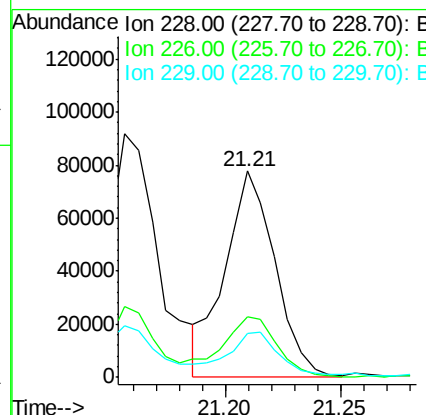
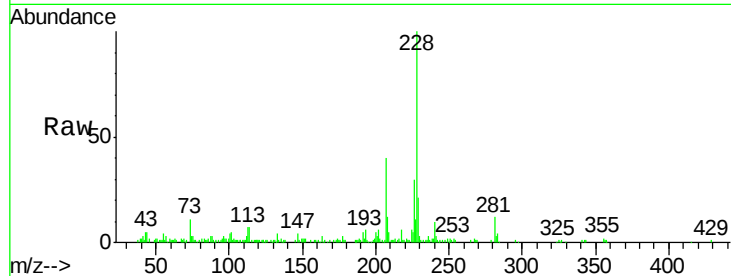
#33
Chrysene
Concen: 1.55 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BM006964.D
Acq: 07 Aug 2016 07:31

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.0	15.1	22.7

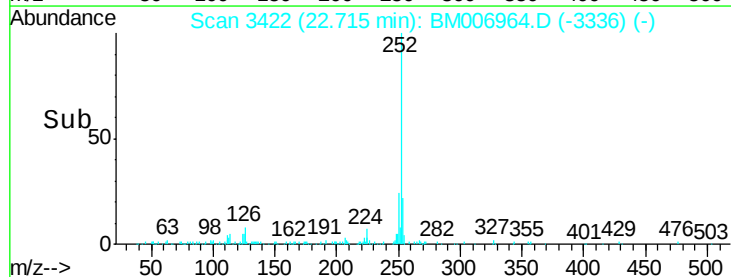
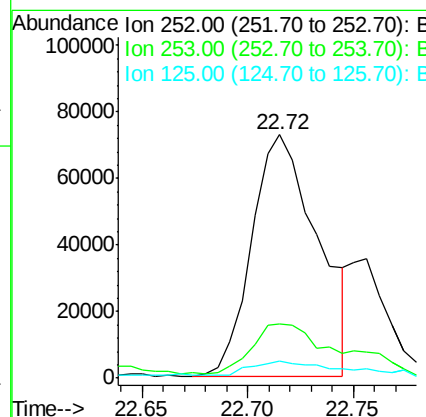
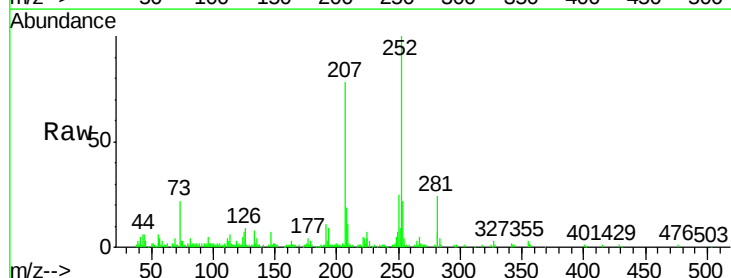
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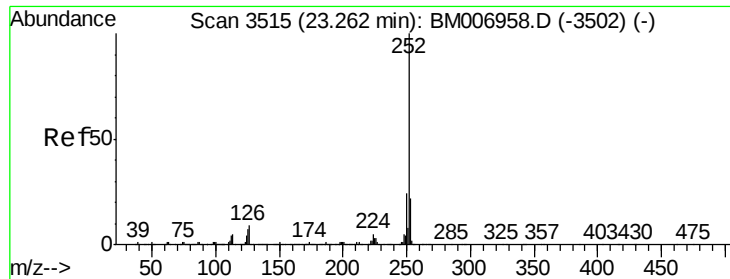
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#35
Benzo(b)fluoranthene
Concen: 2.26 ng/ul
RT: 22.72 min Scan# 3422
Delta R.T. 0.01 min
Lab File: BM006964.D
Acq: 07 Aug 2016 07:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	7.0	5.1	7.7





#38

Benzo(a)pyrene

Concen: 1.44 ng/ul

RT: 23.26 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM006964.D

Acq: 07 Aug 2016 07:31

Instrument :

BNA_M

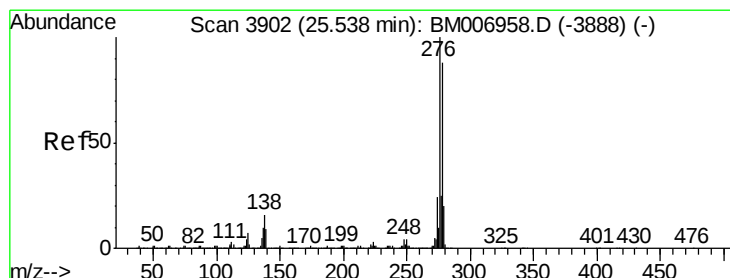
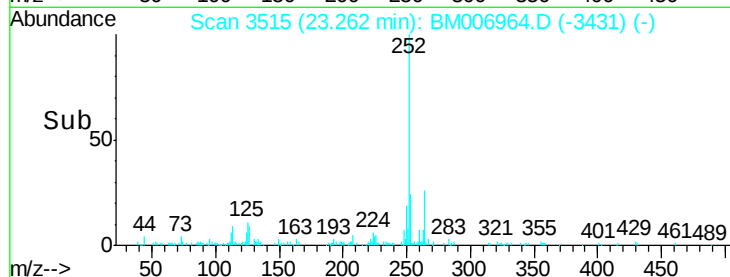
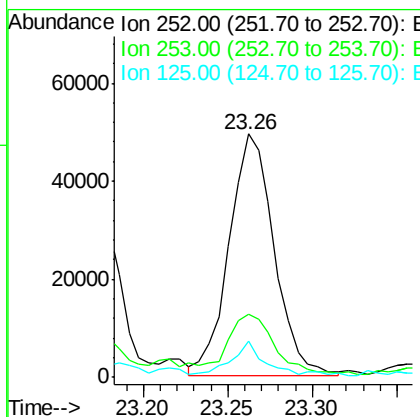
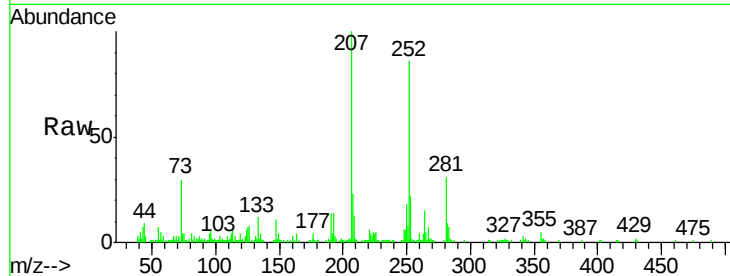
ClientSampleId :

DA0J7

Tgt Ion:	252	Resp:	91592
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.2	27.2
125	15.0	5.6	8.4

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#39

Indeno(1,2,3-cd)pyrene

Concen: 1.11 ng/ul

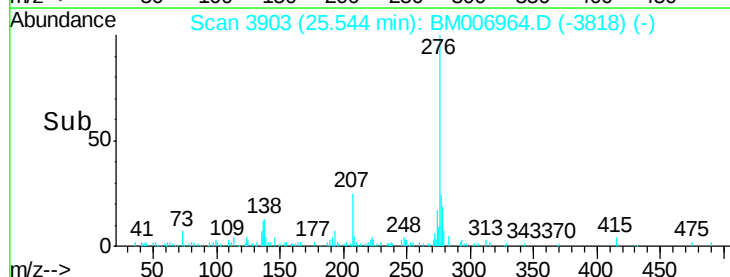
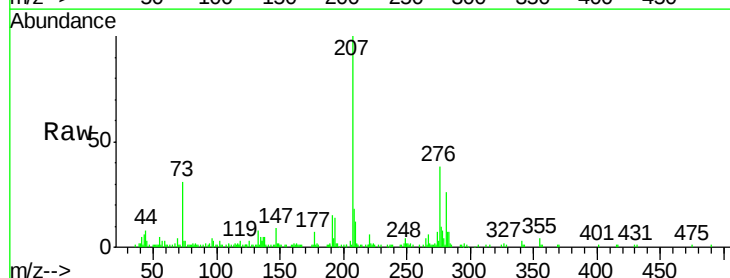
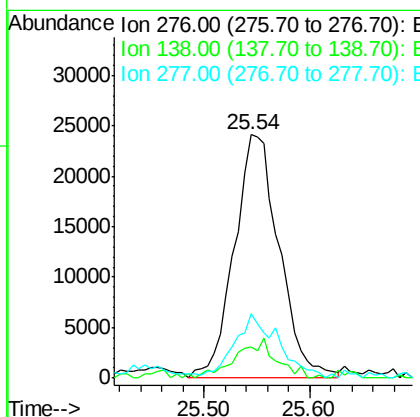
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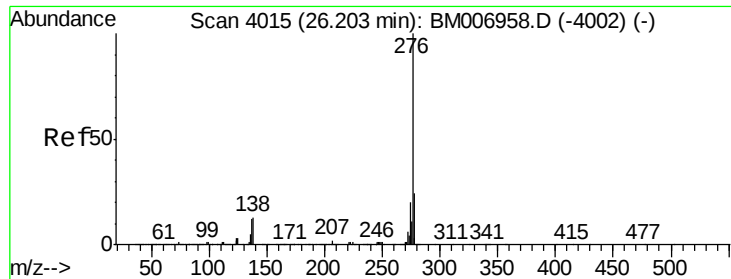
Delta R.T. 0.00 min

Lab File: BM006964.D

Acq: 07 Aug 2016 07:31

Tgt Ion:	276	Resp:	71263
Ion Ratio	Lower	Upper	
276	100		
138	12.9	12.6	19.0
277	26.6	20.3	30.5





#41

Benzo(g,h,i)perylene

Concen: 1.30 ng/ul m

RT: 26.22 min Scan# 4018

Delta R.T. 0.01 min

Lab File: BM006964.D

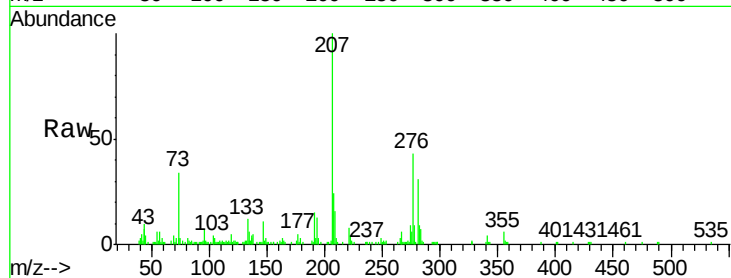
Acq: 07 Aug 2016 07:31

Instrument :

BNA_M

ClientSampleId :

DA0J7



Tgt Ion:	276	Resp:	66109
Ion Ratio	Lower	Upper	
276	100		
138	11.5	10.9	16.3
277	21.8	18.6	27.8

Manual Integrations
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