

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
 Data File : BM006982.D
 Acq On : 08 Aug 2016 07:36
 Operator : UM/SJ
 Sample : H4301-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0F2

Manual Integrations
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Quant Time: Aug 08 16:34:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 15:12:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	308050	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1336784	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	782354	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1796427	20.00	ng/ul	0.00
29) Chrysene-d12	21.18	240	1626830	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1527166	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.08	96	6535	0.97	ng/uL	0.00
3) Phenol-d5	6.77	99	457080	15.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	320862	17.52	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	377203	18.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	337990	13.86	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	195586	19.70	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	220239	18.52	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	399374	17.72	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	294662	10.95	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1253143	18.20	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1562786	19.63	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	138817	13.90	ng/ul	0.01
21) Fluorene-d10	15.21	176	1100362	18.80	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.38	200	90510	12.20	ng/ul	0.00
26) Anthracene-d10	17.07	188	1689611	19.47	ng/ul	0.00
30) Pyrene-d10	19.37	212	1778233	22.93	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	1381855	19.00	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.01	178	222855	2.22	ng/ul	98
28) Fluoranthene	19.04	202	652770	5.34	ng/ul	97
31) Pyrene	19.40	202	601405m	5.95	ng/ul	
32) Benzo(a)anthracene	21.17	228	427125	4.43	ng/ul	95
33) Chrysene	21.22	228	430940m	5.07	ng/ul	
35) Benzo(b)fluoranthene	22.72	252	628991	6.31	ng/ul#	97
36) Benzo(k)fluoranthene	22.76	252	216417m	2.25	ng/ul	
38) Benzo(a)pyrene	23.28	252	422180	4.67	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.56	276	322569	3.52	ng/ul	98
40) Dibenzo(a,h)anthracene	25.55	278	101332	1.31	ng/ul#	62
41) Benzo(g,h,i)perylene	26.23	276	341459	4.73	ng/ul	93

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

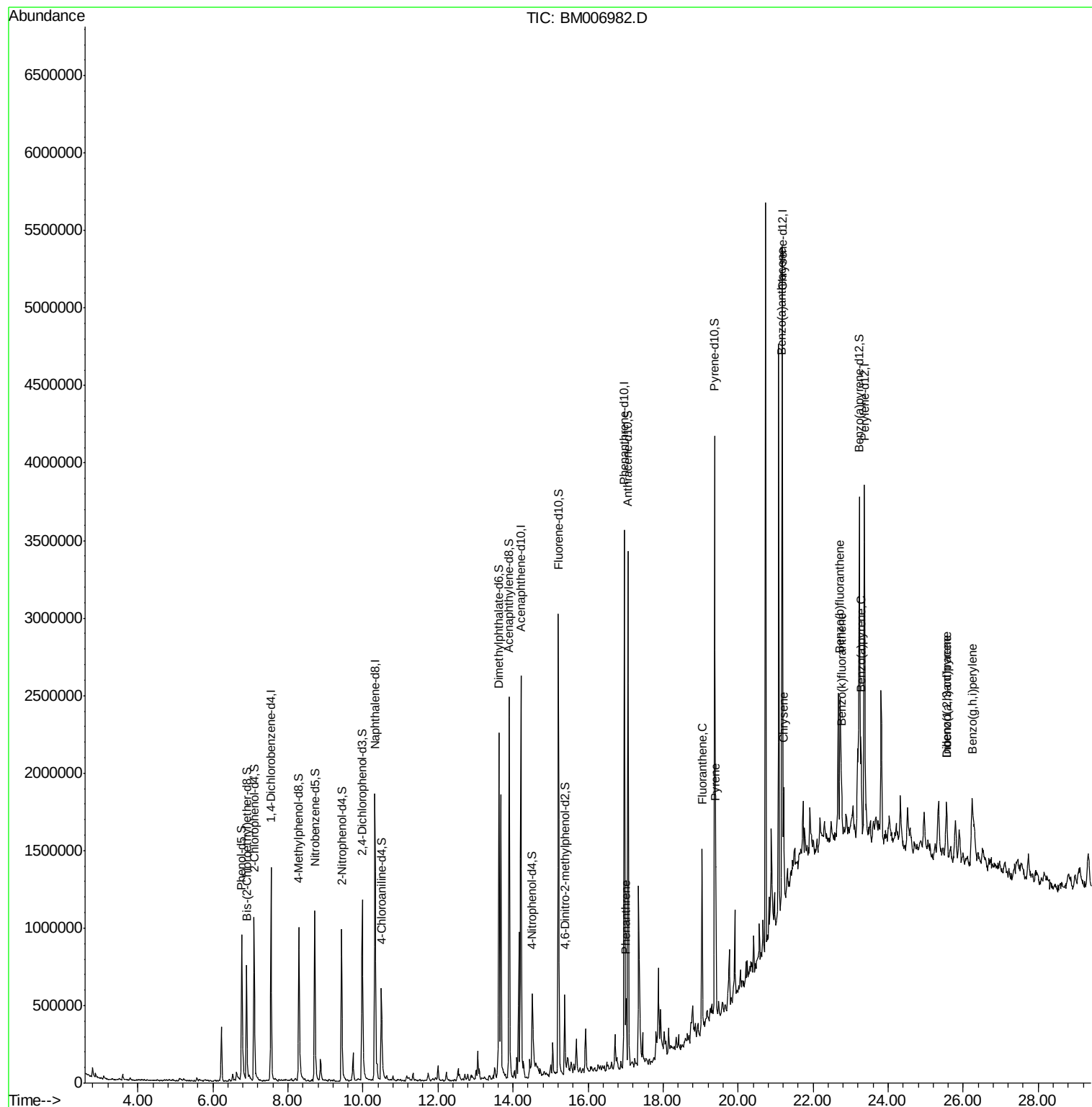
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006982.D
Acq On : 08 Aug 2016 07:36
Operator : UM/SJ
Sample : H4301-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

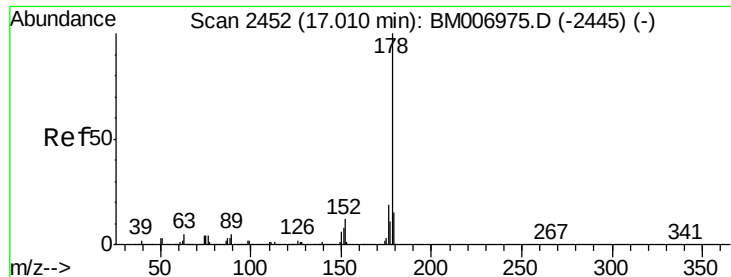
Instrument :
BNA_M
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DA0F2

Quant Time: Aug 08 16:34:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
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QLast Update : Mon Aug 08 15:12:48 2016
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#25

Phenanthrene

Concen: 2.22 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Instrument :

BNA_M

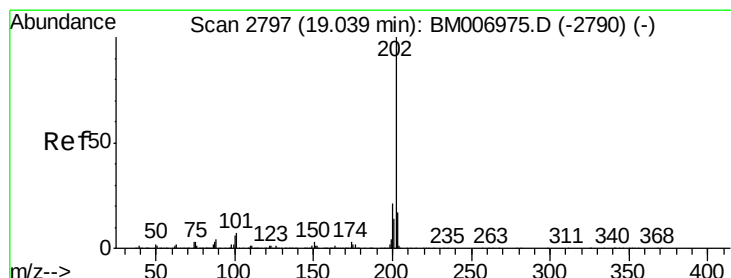
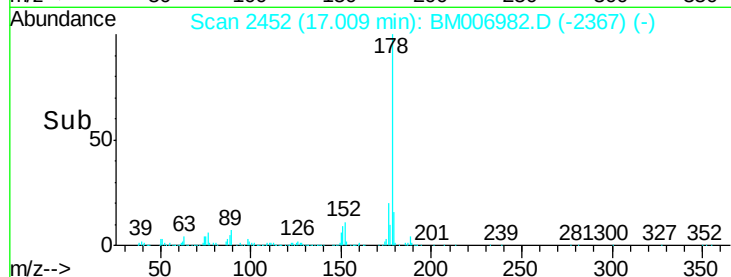
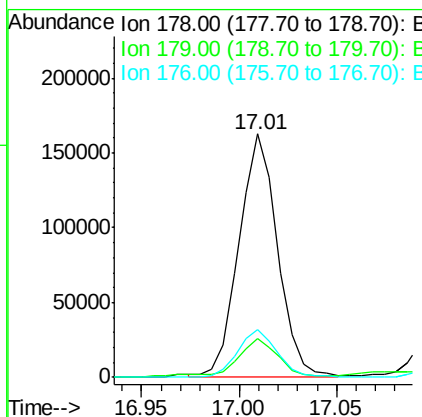
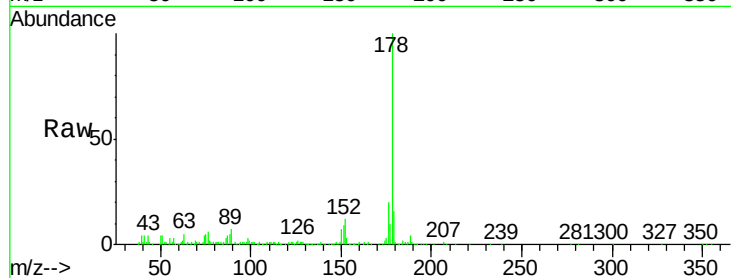
ClientSampleId :

DA0F2

Tgt Ion:	178	Resp:	222855
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.0	18.0
176	19.7	15.0	22.4

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#28

Fluoranthene

Concen: 5.34 ng/ul

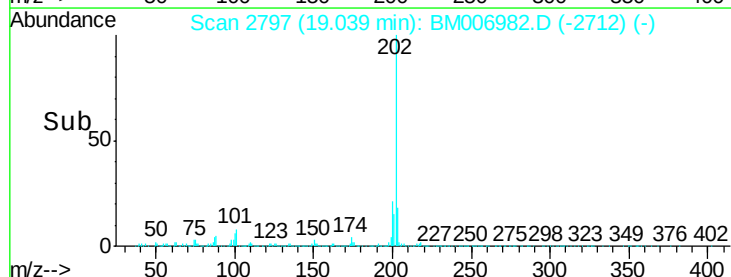
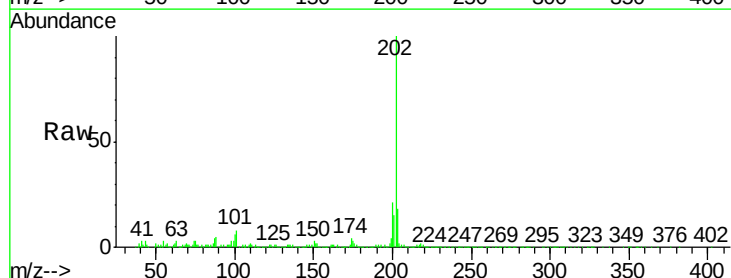
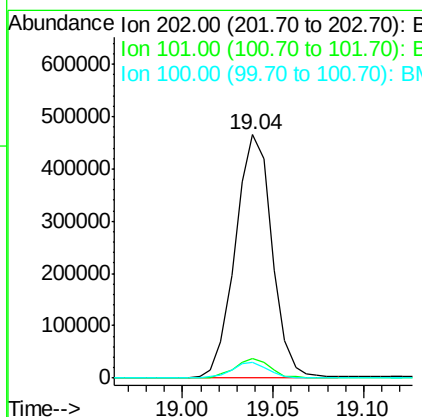
RT: 19.04 min Scan# 2797

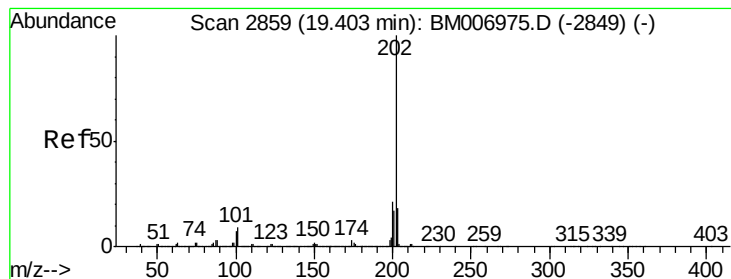
Delta R.T. -0.00 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Tgt Ion:	202	Resp:	652770
Ion Ratio	Lower	Upper	
202	100		
101	8.3	5.6	8.4
100	6.3	4.2	6.4





#31

Pyrene

Concen: 5.95 ng/ul m

RT: 19.40 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Instrument :

BNA_M

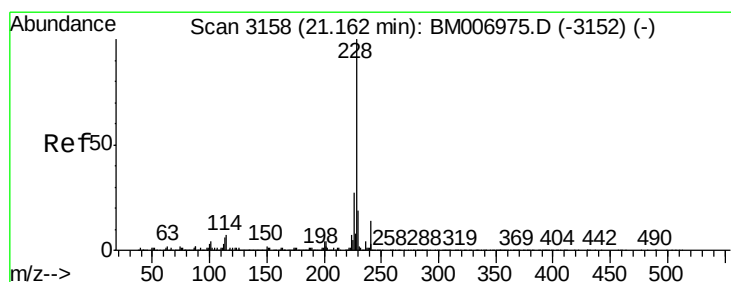
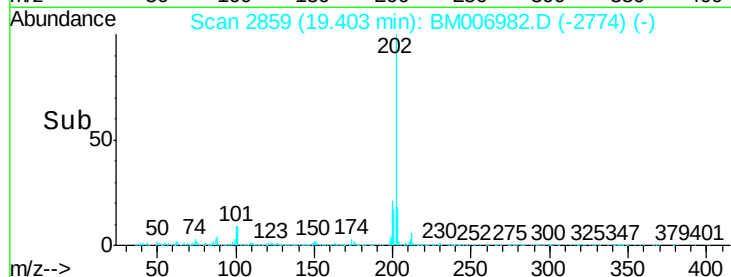
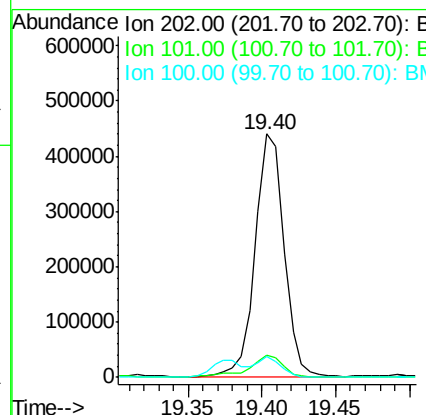
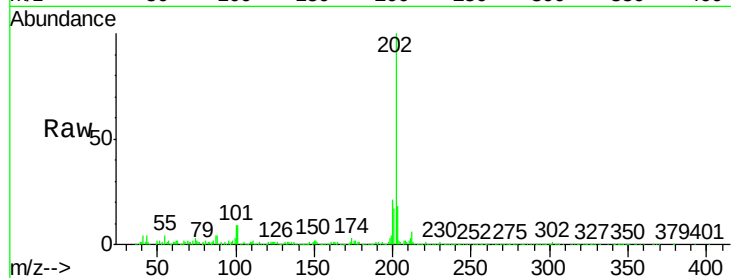
ClientSampleId :

DA0F2

Tgt Ion:	202	Resp:	601405
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.4	9.6
100	8.7	5.4	8.2#

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#32

Benzo(a)anthracene

Concen: 4.43 ng/ul

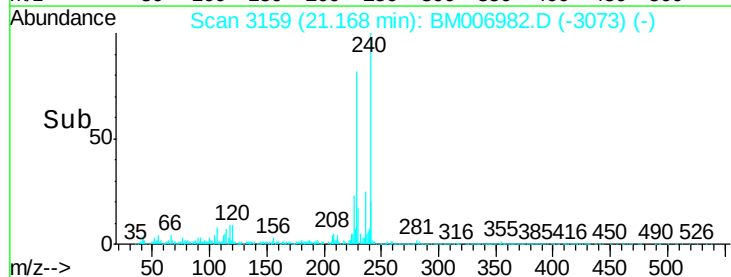
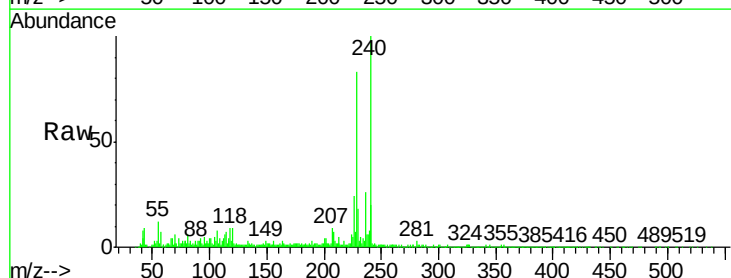
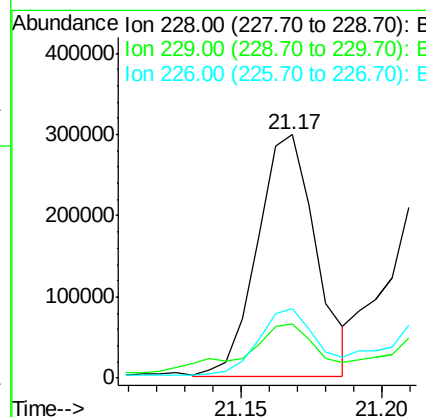
RT: 21.17 min Scan# 3159

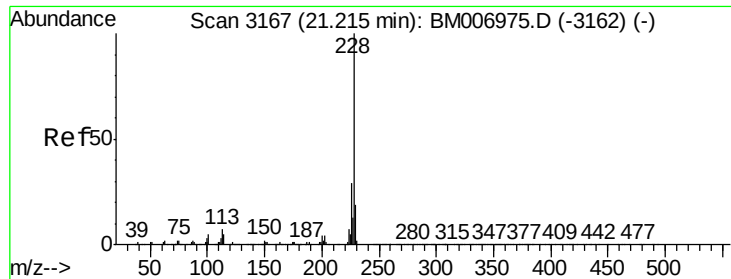
Delta R.T. 0.01 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Tgt Ion:	228	Resp:	427125
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.2	22.8
226	28.6	21.3	31.9





#33

Chrysene

Concen: 5.07 ng/ul m

RT: 21.22 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Instrument :

BNA_M

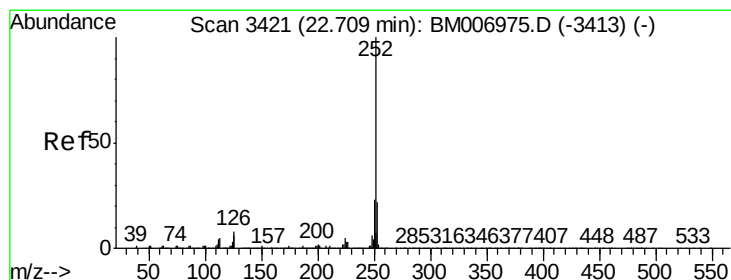
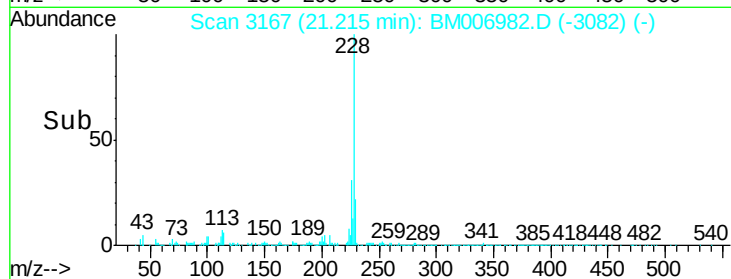
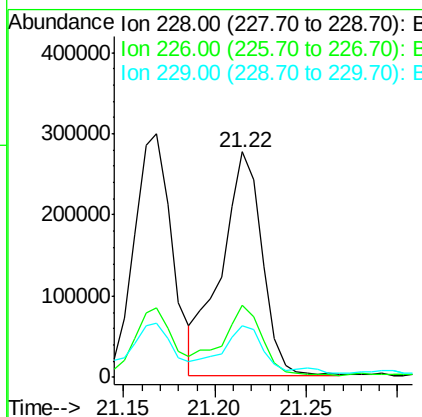
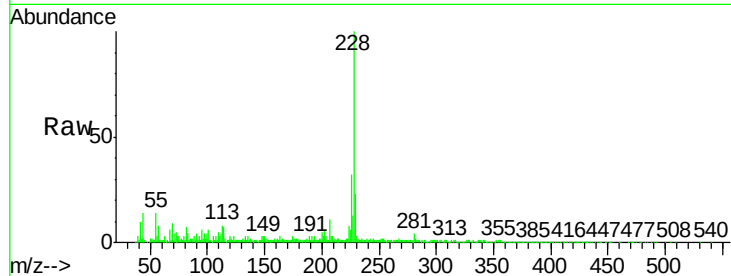
ClientSampleId :

DA0F2

Tgt Ion:	228	Resp:	430940
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.8	35.6
229	23.1	15.1	22.7#

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#35

Benzo(b)fluoranthene

Concen: 6.31 ng/ul

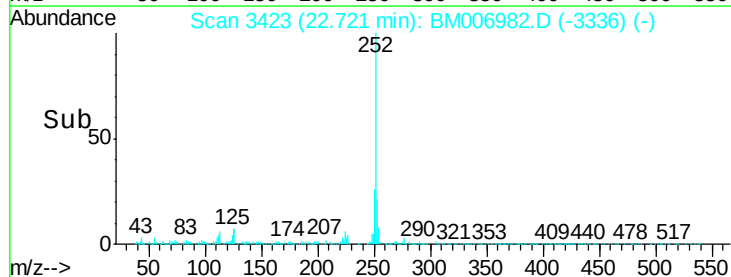
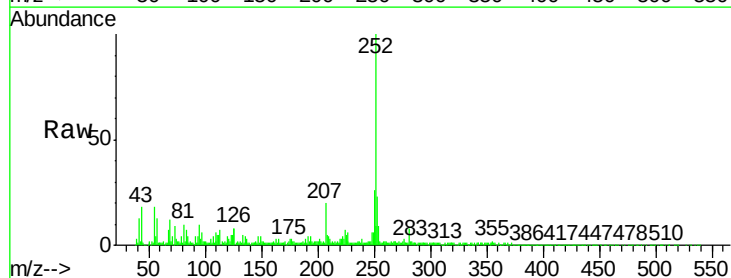
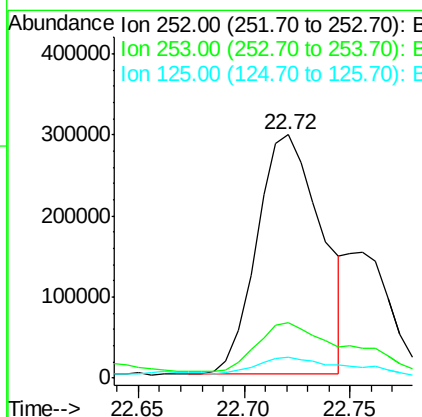
RT: 22.72 min Scan# 3423

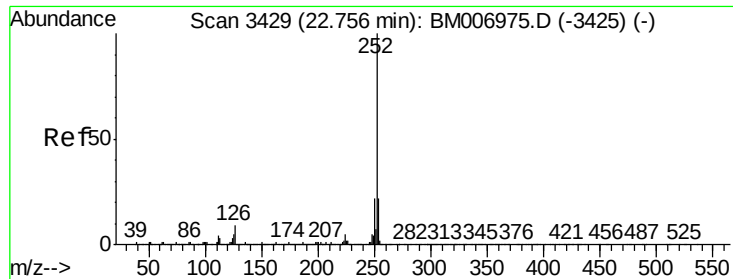
Delta R.T. 0.01 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Tgt Ion:	252	Resp:	628991
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	8.3	5.1	7.7#





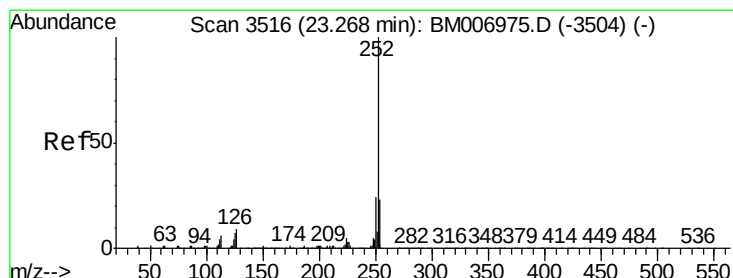
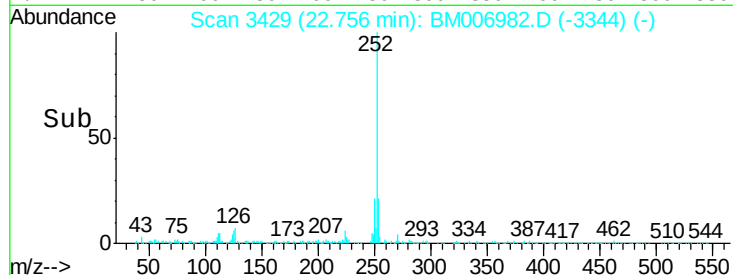
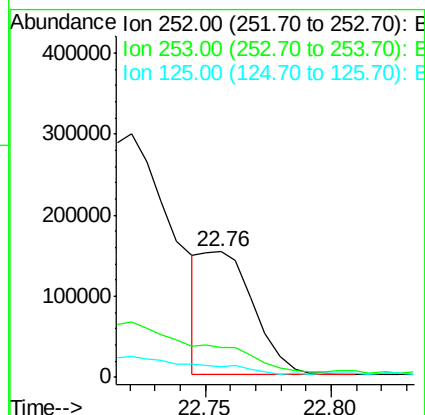
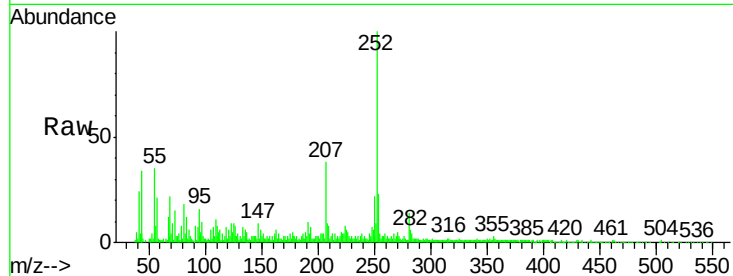
#36
Benzo(k)fluoranthene
Concen: 2.25 ng/ul m
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006982.D
Acq: 08 Aug 2016 07:36

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	216417		
253	23.4	17.2	25.8	
125	8.8	5.1	7.7#	

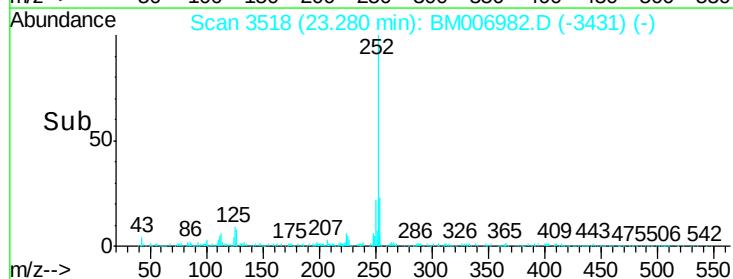
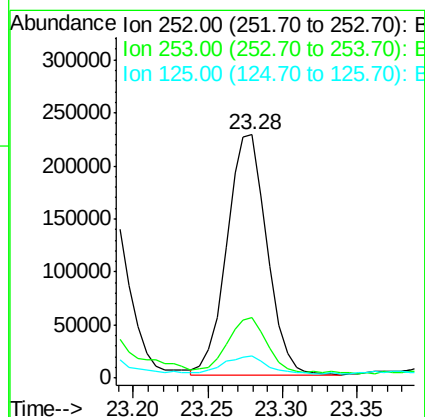
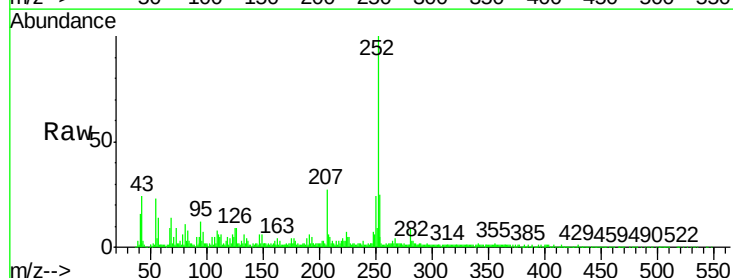
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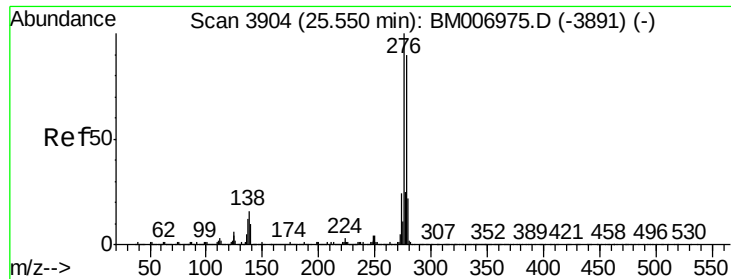
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#38
Benzo(a)pyrene
Concen: 4.67 ng/ul
RT: 23.28 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BM006982.D
Acq: 08 Aug 2016 07:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	422180		
253	24.9	18.2	27.2	
125	9.2	5.6	8.4#	





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.52 ng/ul

RT: 25.56 min Scan# 3905

Delta R.T. 0.01 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Instrument :

BNA_M

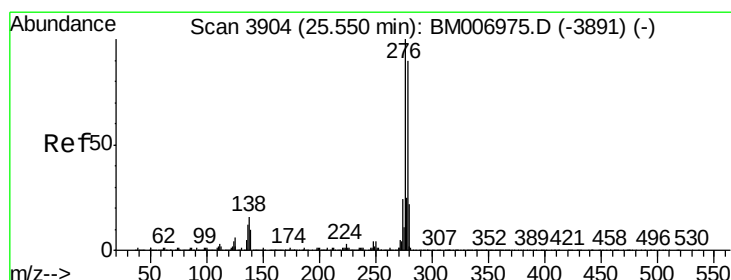
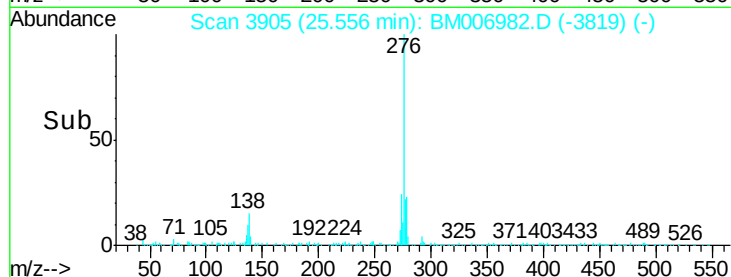
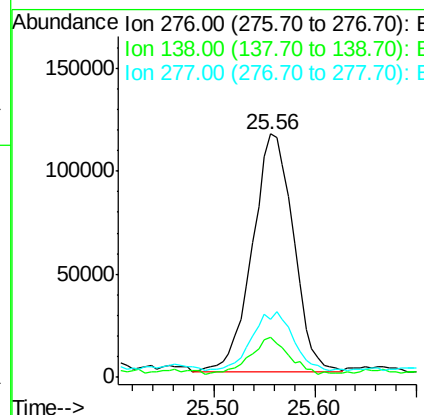
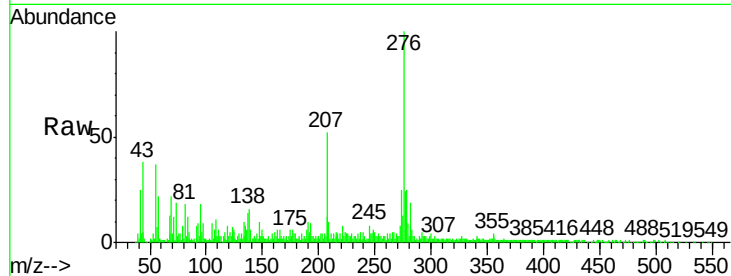
ClientSampleId :

DA0F2

Tgt Ion:	276	Resp:	322569
Ion Ratio	Lower	Upper	
276	100		
138	16.5	12.6	19.0
277	24.1	20.3	30.5

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#40

Dibenzo(a,h)anthracene

Concen: 1.31 ng/ul

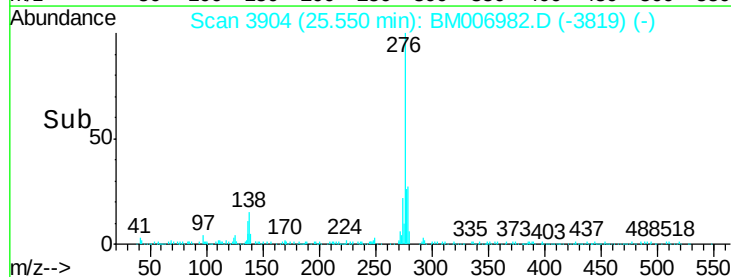
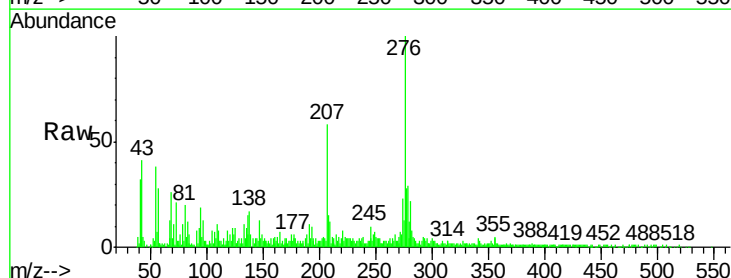
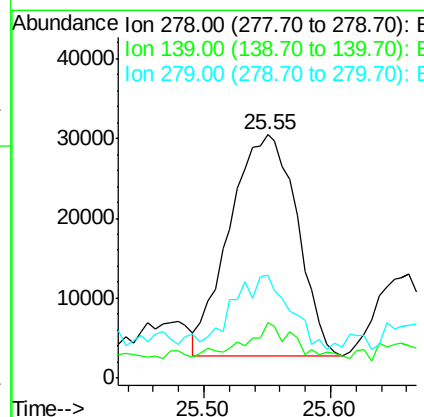
RT: 25.55 min Scan# 3904

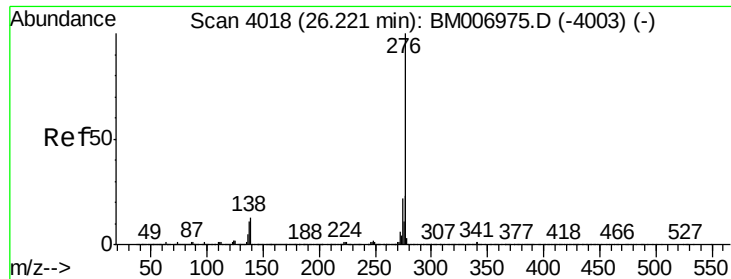
Delta R.T. -0.00 min

Lab File: BM006982.D

Acq: 08 Aug 2016 07:36

Tgt Ion:	278	Resp:	101332
Ion Ratio	Lower	Upper	
278	100		
139	22.8	7.5	11.3#
279	42.4	19.0	28.4#





#41
 Benzo(g,h,i)perylene
 Concen: 4.73 ng/ul
 RT: 26.23 min Scan# 4020
 Delta R.T. 0.01 min
 Lab File: BM006982.D
 Acq: 08 Aug 2016 07:36

Instrument :
 BNA_M
 ClientSampleId :
 DA0F2

Tgt Ion:	276	Resp:	341459
Ion Ratio		Lower	Upper
276	100		
138	14.8	10.9	16.3
277	27.6	18.6	27.8

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