

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
 Data File : BM002469.D
 Acq On : 18 Aug 2015 02:04
 Operator : UM/IZ
 Sample : G3227-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DD8

Manual Integrations
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Quant Time: Aug 18 04:08:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 03:02:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	146520	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	644720	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	331533	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	634265	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	422246	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	407291	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	748428	22.08	ng/ul	0.00
10) Fluorene-d10	16.43	176	482613	20.27	ng/ul	0.00
14) Anthracene-d10	18.26	188	623330	20.37	ng/ul	0.00
18) Pyrene-d10	20.48	212	475121	25.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	328339	15.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.21	178	46967	1.28	ng/ul	99
16) Fluoranthene	20.15	202	111062	2.68	ng/ul	96
19) Pyrene	20.51	202	92879	3.75	ng/ul	97
20) Benzo(a)anthracene	22.23	228	52234	2.07	ng/ul	95
21) Chrysene	22.29	228	62302m	2.64	ng/ul	
23) Benzo(b)fluoranthene	24.10	252	81029	3.29	ng/ul#	86
24) Benzo(k)fluoranthene	24.14	252	29593m	1.27	ng/ul	
26) Benzo(a)pyrene	24.81	252	51869	2.21	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	27.76	276	40942	1.51	ng/ul#	94
29) Benzo(g,h,i)perylene	28.64	276	36301	1.61	ng/ul#	88

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

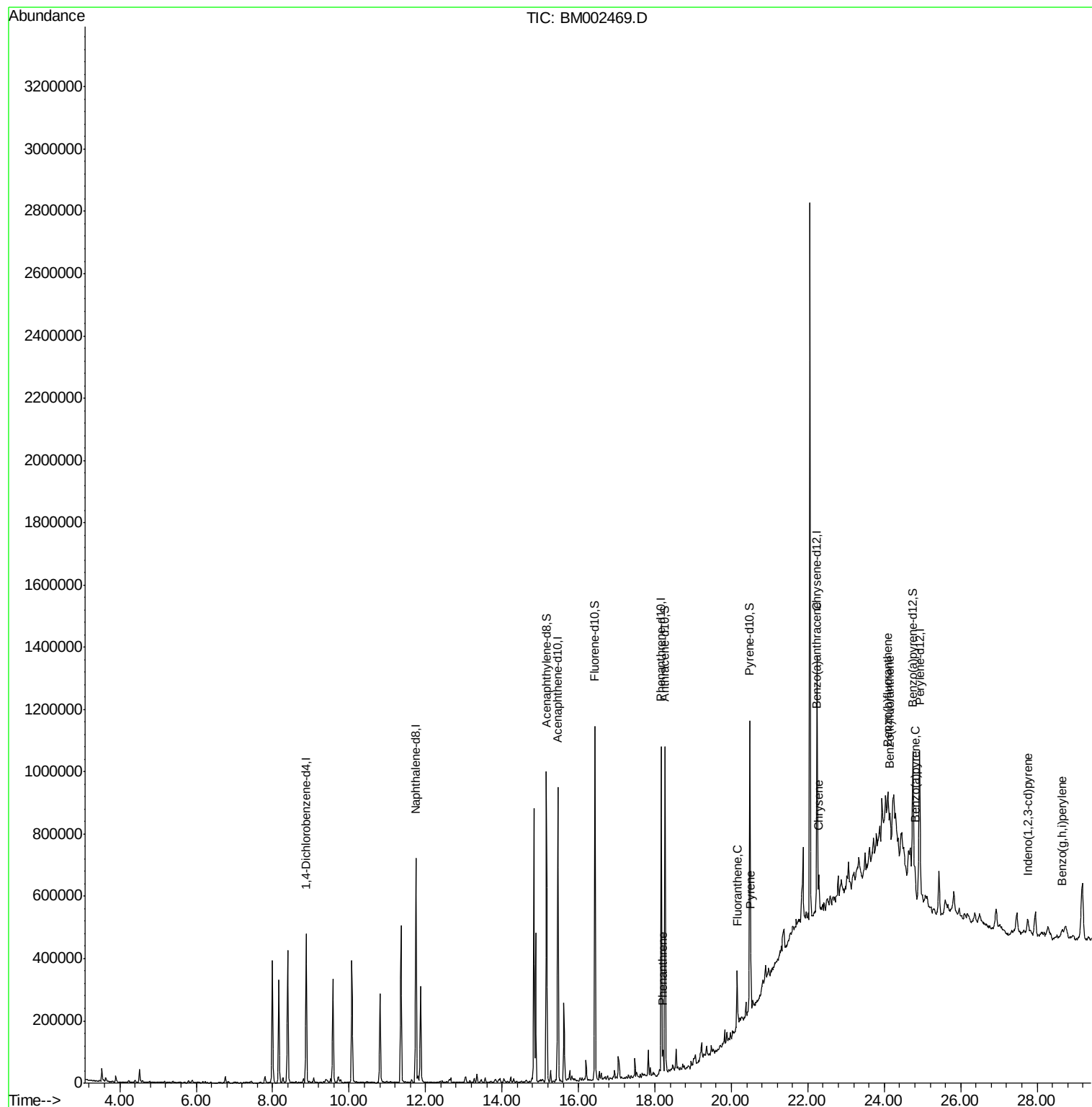
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
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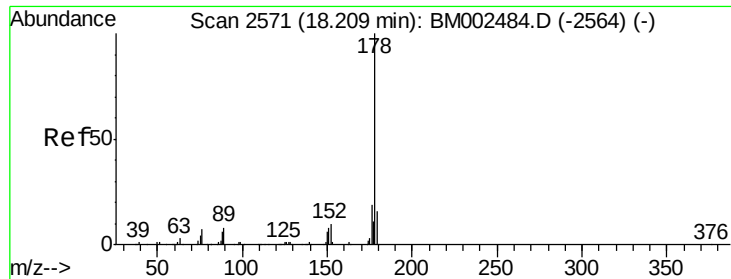
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
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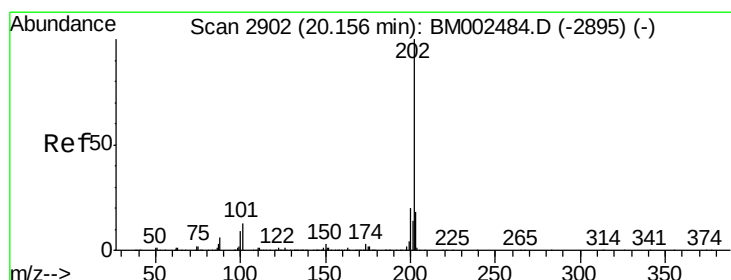
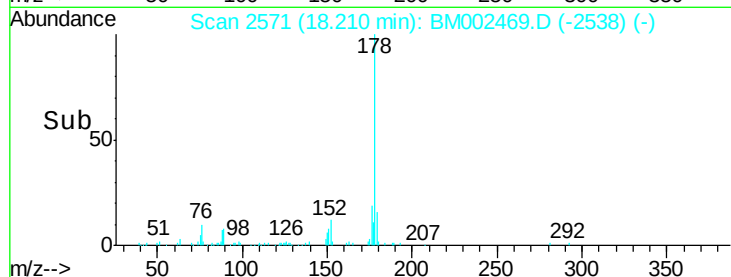
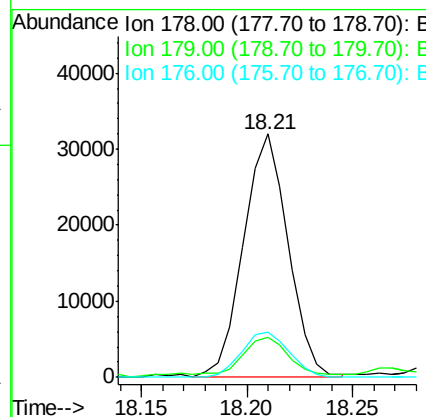
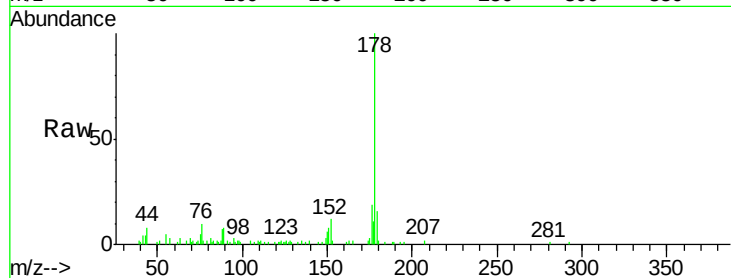
#13
Phenanthrene
Concen: 1.28 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002469.D
Acq: 18 Aug 2015 02:04

Instrument :
BNA_M
ClientSampleId :
D9DD8

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	18.7	15.1	22.7

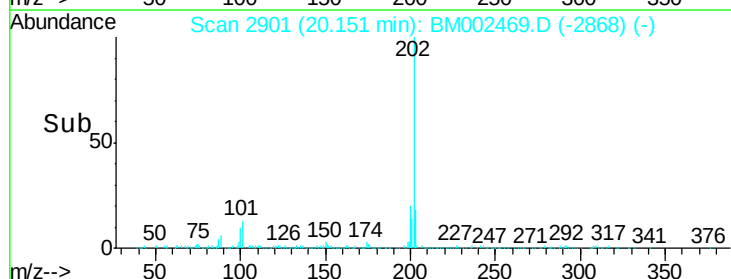
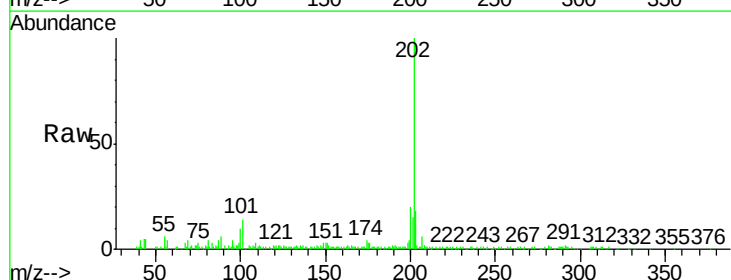
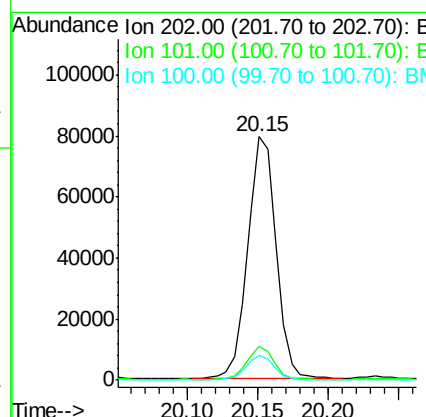
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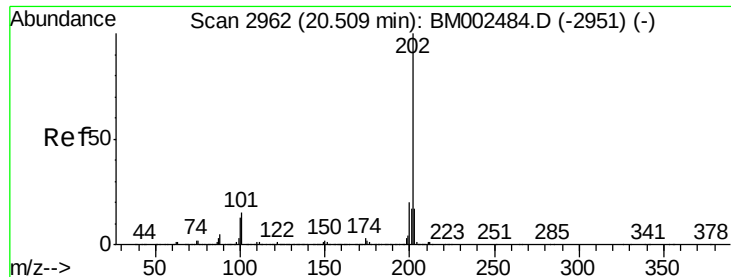
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#16
Fluoranthene
Concen: 2.68 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. -0.01 min
Lab File: BM002469.D
Acq: 18 Aug 2015 02:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.3	7.4	11.2





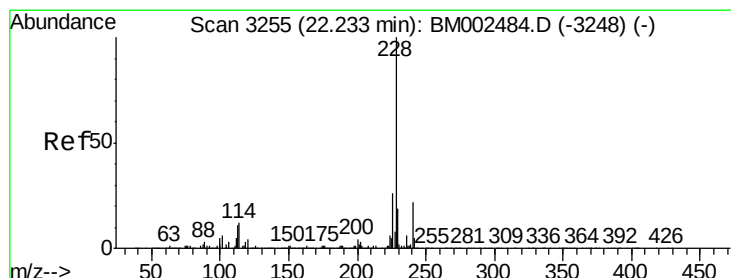
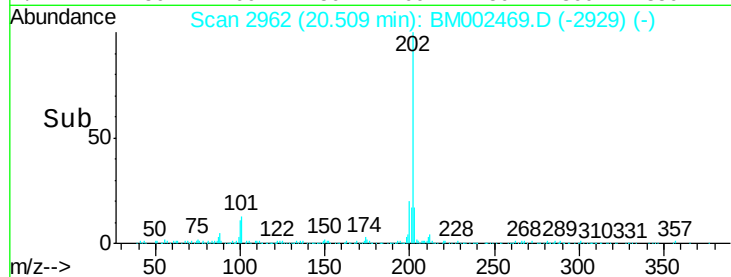
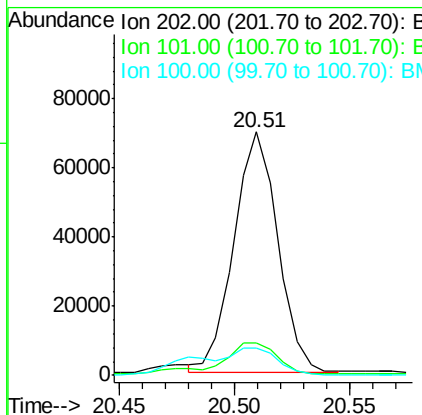
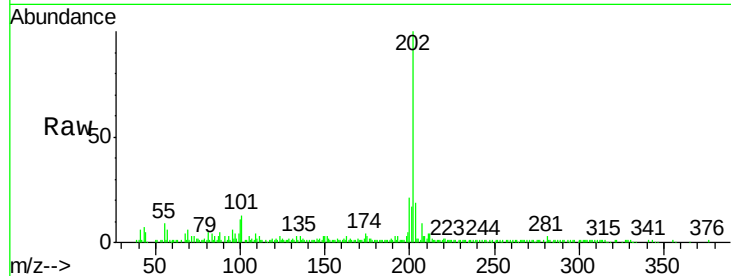
#19
 Pyrene
 Concen: 3.75 ng/ul
 RT: 20.51 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM002469.D
 Acq: 18 Aug 2015 02:04

Instrument :
 BNA_M
 ClientSampleId :
 D9DD8

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	92879		
101	13.4	12.0	18.0	
100	11.0	9.7	14.5	

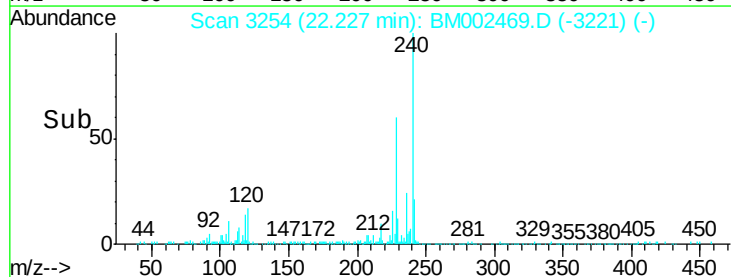
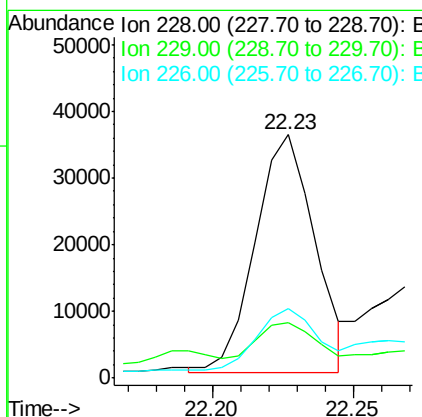
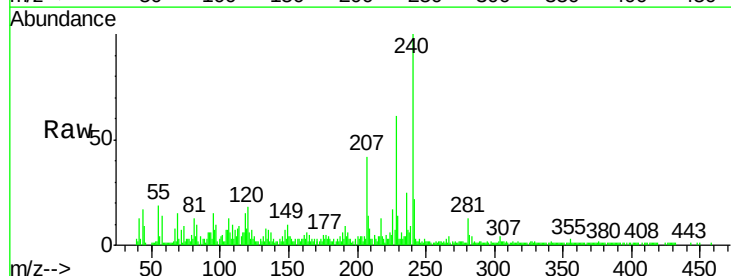
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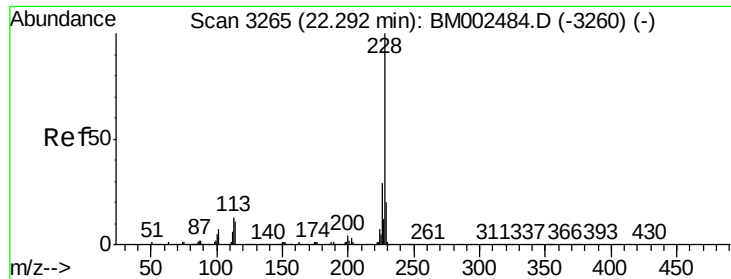
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#20
 Benzo(a)anthracene
 Concen: 2.07 ng/ul
 RT: 22.23 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BM002469.D
 Acq: 18 Aug 2015 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	52234		
229	22.8	15.8	23.6	
226	28.6	21.1	31.7	





#21

Chrysene

Concen: 2.64 ng/ul m

RT: 22.29 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM002469.D

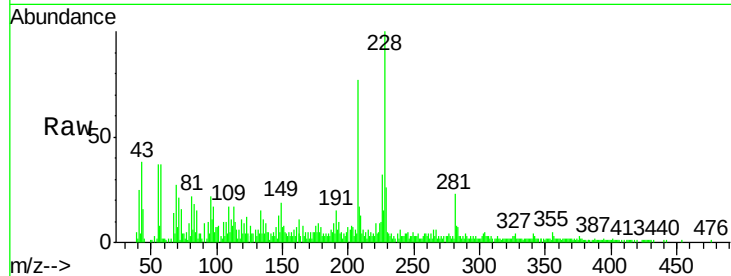
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Instrument :

BNA_M

ClientSampleId :

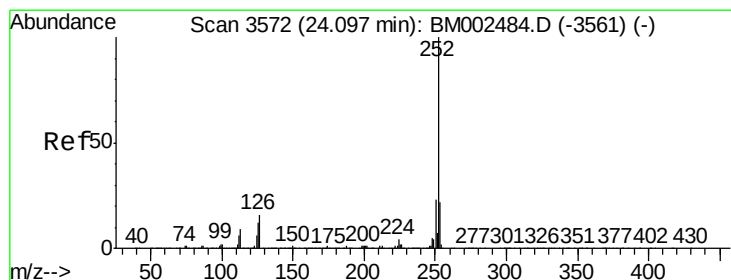
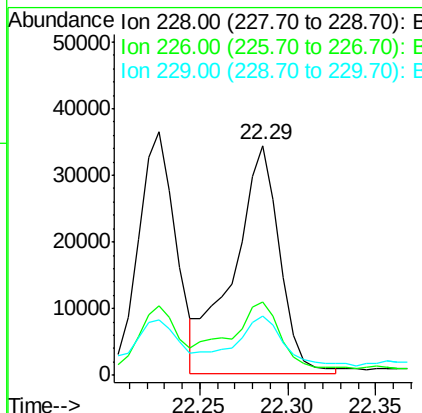
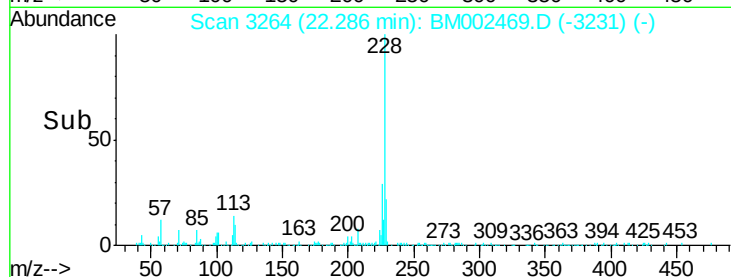
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Tgt Ion:	228	Resp:	62302
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.2
229	25.6	15.7	23.5#

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#23

Benzo(b)fluoranthene

Concen: 3.29 ng/ul

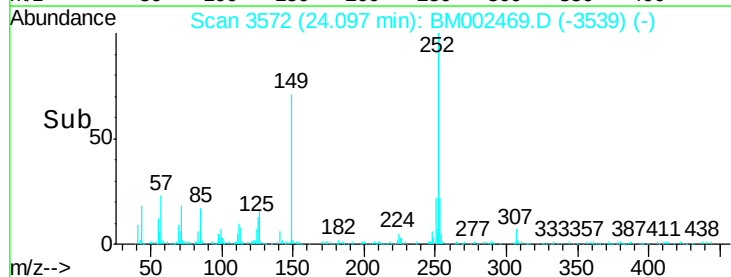
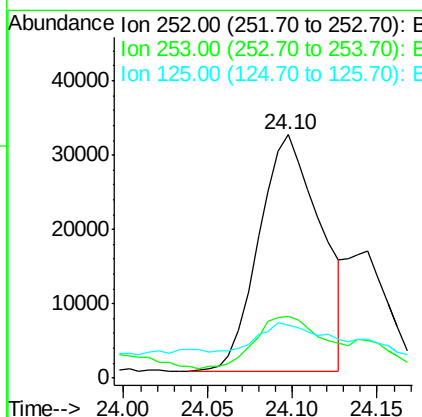
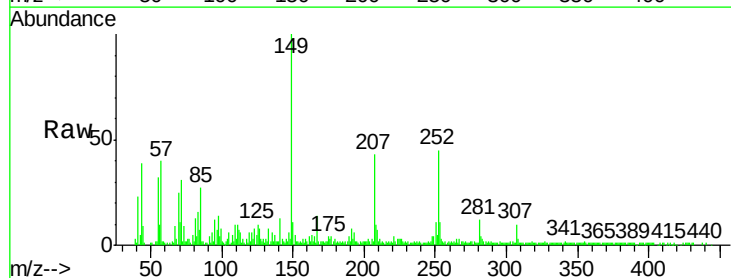
RT: 24.10 min Scan# 3572

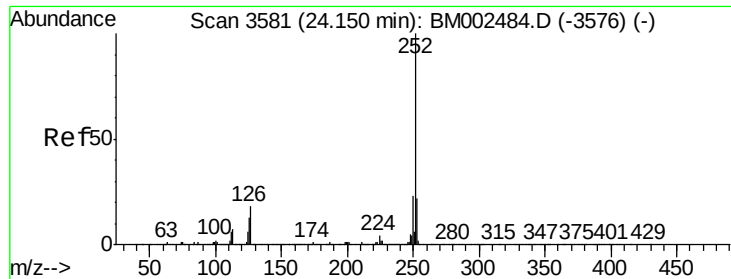
Delta R.T. -0.01 min

Lab File: BM002469.D

Acq: 18 Aug 2015 02:04

Tgt Ion:	252	Resp:	81029
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.4	26.0
125	21.9	10.0	15.0#





#24

Benzo(k)fluoranthene

Concen: 1.27 ng/ul m

RT: 24.14 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BM002469.D

Acq: 18 Aug 2015 02:04

Instrument :

BNA_M

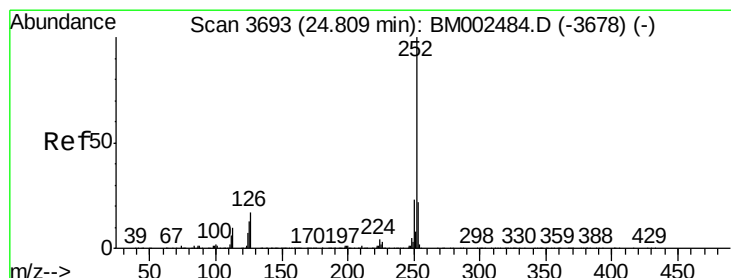
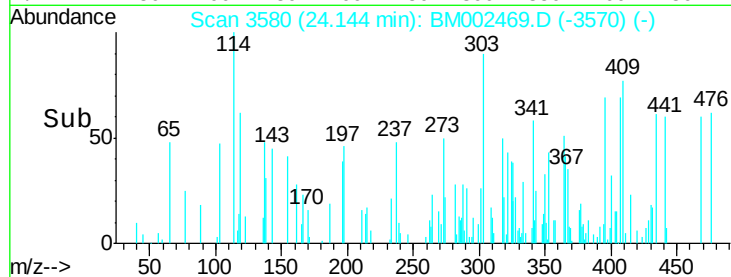
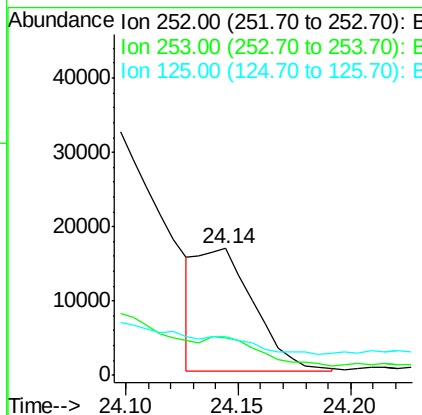
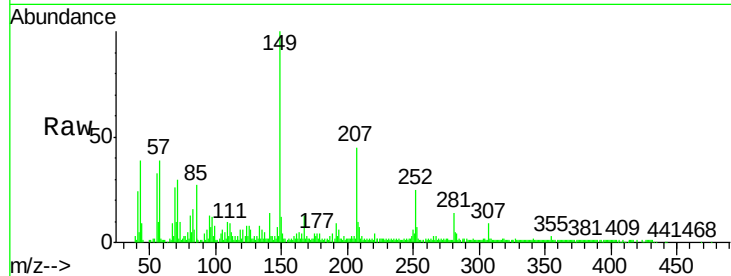
ClientSampled :

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Tgt Ion:	252	Resp:	29593
Ion Ratio	Lower	Upper	
252	100		
253	29.7	17.8	26.6#
125	30.8	9.8	14.8#

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#26

Benzo(a)pyrene

Concen: 2.21 ng/ul

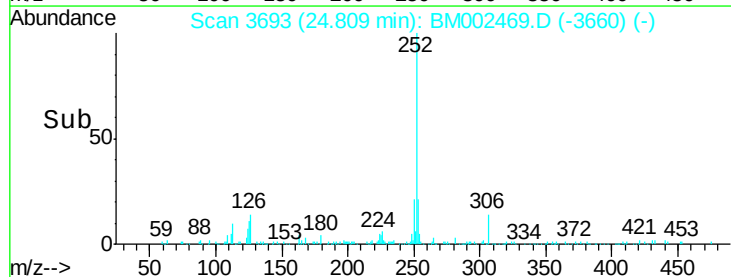
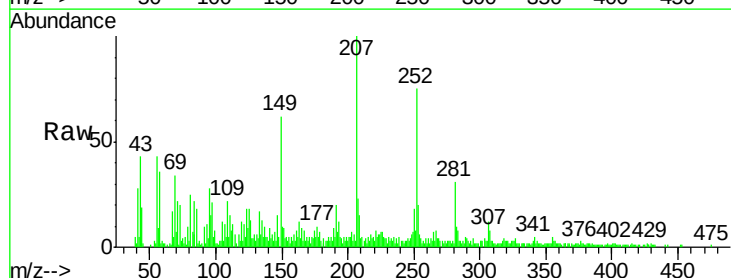
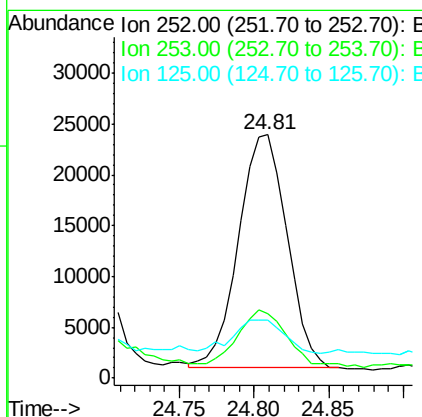
RT: 24.81 min Scan# 3693

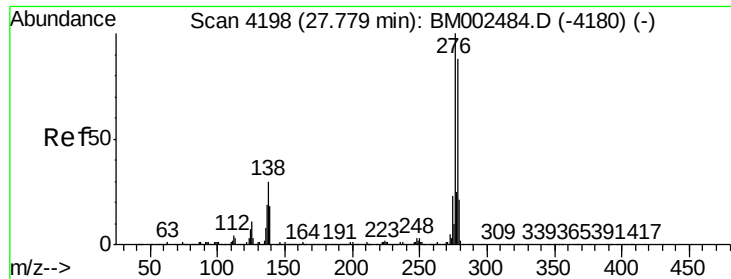
Delta R.T. -0.01 min

Lab File: BM002469.D

Acq: 18 Aug 2015 02:04

Tgt Ion:	252	Resp:	51869
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.6	26.4#
125	23.8	10.7	16.1#





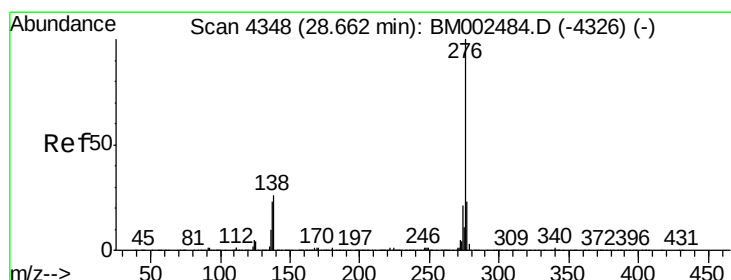
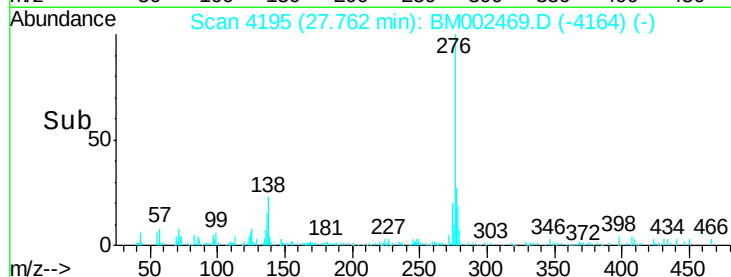
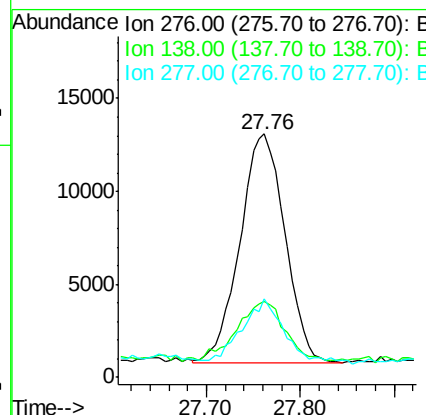
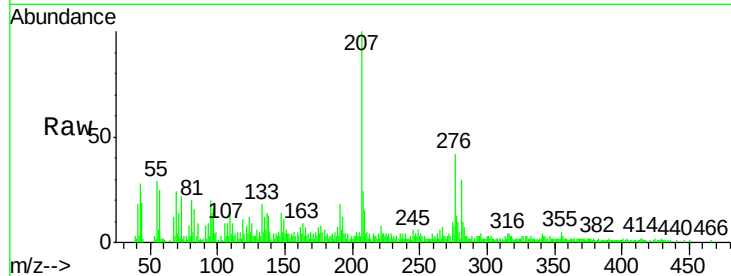
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.51 ng/ul
 RT: 27.76 min Scan# 4195
 Delta R.T. -0.02 min
 Lab File: BM002469.D
 Acq: 18 Aug 2015 02:04

Instrument :
 BNA_M
 ClientSampleId :
 D9DD8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.3	37.9
277	32.1	20.2	30.2

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#29
 Benzo(g,h,i)perylene
 Concen: 1.61 ng/ul
 RT: 28.64 min Scan# 4345
 Delta R.T. -0.02 min
 Lab File: BM002469.D
 Acq: 18 Aug 2015 02:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	21.0	31.6
277	30.4	19.2	28.8

