

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060716\
 Data File : BM005703.D
 Acq On : 07 Jun 2016 21:38
 Operator : UM/SJ
 Sample : H3412-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XT5

Manual Integrations
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Quant Time: Jun 08 13:11:57 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 08 01:24:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	156591	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	700477	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	360650	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	654308	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	484836	20.00	ng/ul	0.00
34) Perylene-d12	23.60	264	450410	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.20	96	3993	1.07	ng/uL	0.00
3) Phenol-d5	6.93	99	211104	15.34	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	125048	14.93	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	176153	15.51	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	149079	13.69	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	85246	15.85	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	92735	16.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	165274	16.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	45093	3.71	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	473855	17.09	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	599719	16.63	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	60767	15.31	ng/ul	0.00
21) Fluorene-d10	15.39	176	404278	16.98	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	30462	9.89	ng/ul	0.00
26) Anthracene-d10	17.24	188	538609	17.33	ng/ul	0.00
30) Pyrene-d10	19.54	212	461941	18.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.45	264	361534	17.44	ng/ul	0.00

Target Compounds

						Ovalue
25) Phenanthrene	17.19	178	126531	3.50	ng/ul	99
28) Fluoranthene	19.20	202	186963	5.06	ng/ul	98
31) Pyrene	19.57	202	156825	5.13	ng/ul	96
32) Benzo(a)anthracene	21.31	228	79020	2.78	ng/ul	92
33) Chrysene	21.36	228	84187	3.13	ng/ul	93
35) Benzo(b)fluoranthene	22.91	252	114562	4.22	ng/ul#	84
36) Benzo(k)fluoranthene	22.95	252	29788m	1.17	ng/ul	
38) Benzo(a)pyrene	23.50	252	70841	2.71	ng/ul#	78
39) Indeno(1,2,3-cd)pyrene	25.90	276	57498	1.86	ng/ul#	82
41) Benzo(g,h,i)perylene	26.61	276	62095	2.39	ng/ul#	80

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

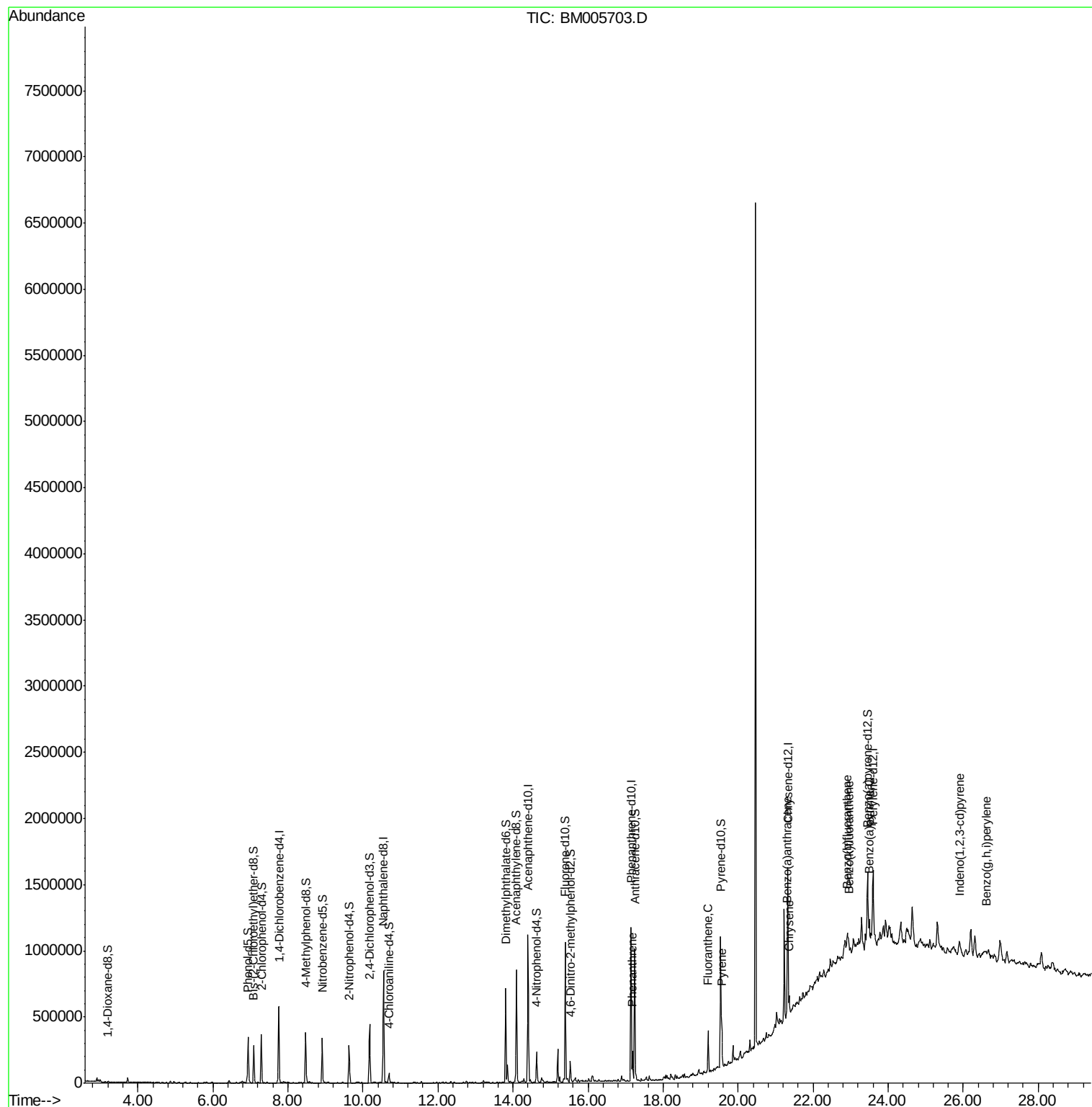
Data Path : Z:\HPCHEM1\BNA M\DATA\BM060716\
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ALS Vial : 15 Sample Multiplier: 1

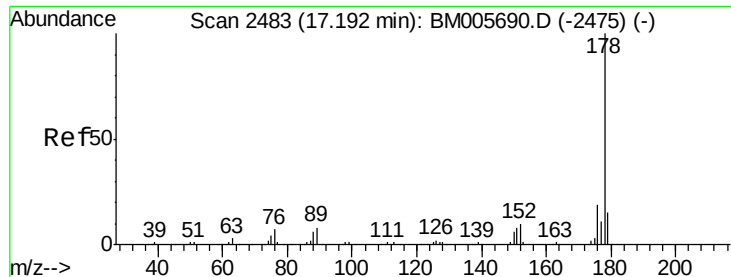
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 3.50 ng/ul

RT: 17.19 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BM005703.D

Acq: 07 Jun 2016 21:38

Instrument :

BNA_M

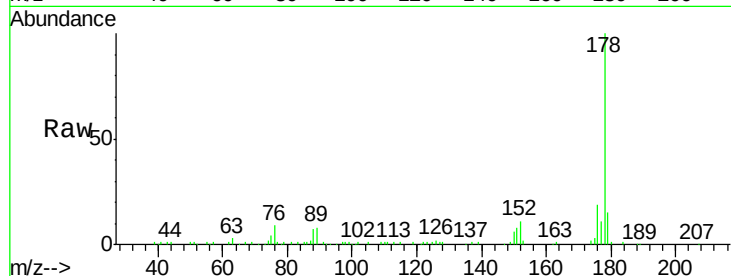
ClientSampleId :

D9XT5

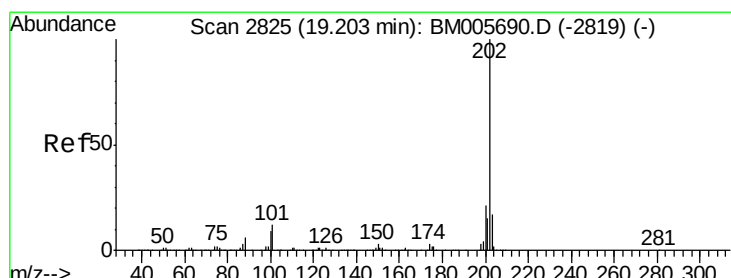
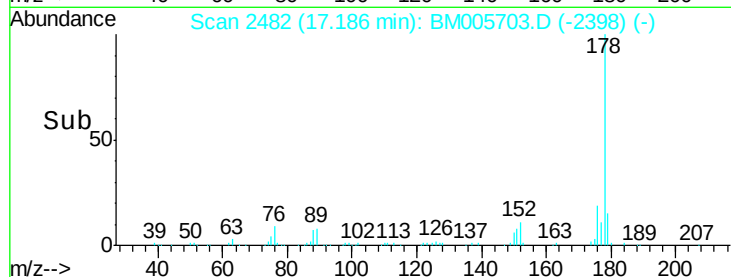
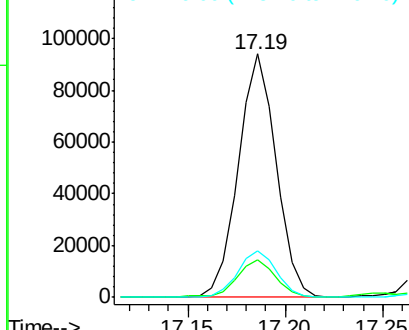
Tot Ion:	178	Resp:	126531
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.8
176	19.1	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 5.06 ng/ul

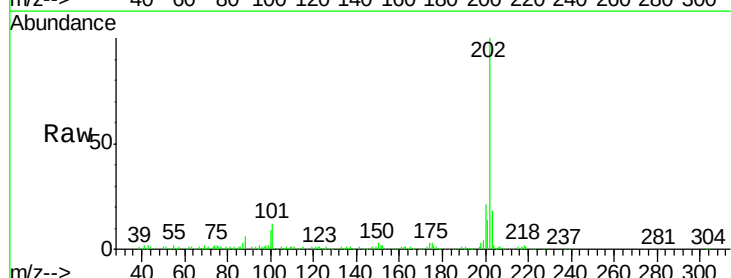
RT: 19.20 min Scan# 2825

Delta R.T. -0.00 min

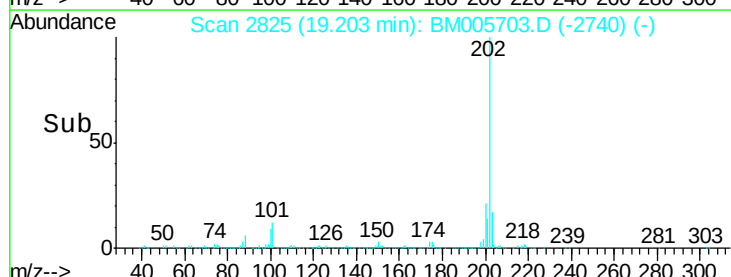
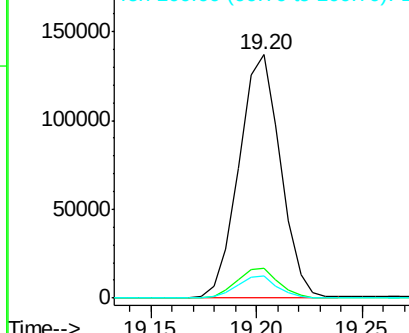
Lab File: BM005703.D

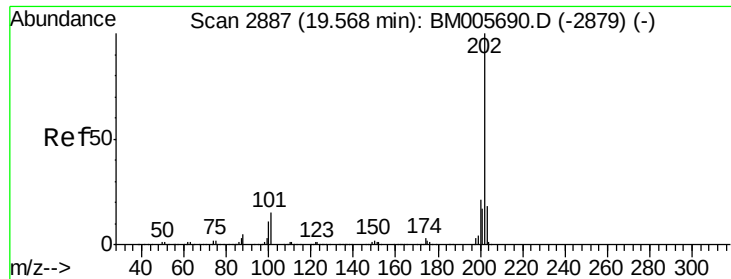
Acq: 07 Jun 2016 21:38

Tgt Ion:	202	Resp:	186963
Ion Ratio	Lower	Upper	
202	100		
101	12.1	8.9	13.3
100	8.9	7.0	10.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#31

Pvrene

Concen: 5.13 ng/ul

RT: 19.57 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BM005703.D

Acq: 07 Jun 2016 21:38

Instrument :

BNA_M

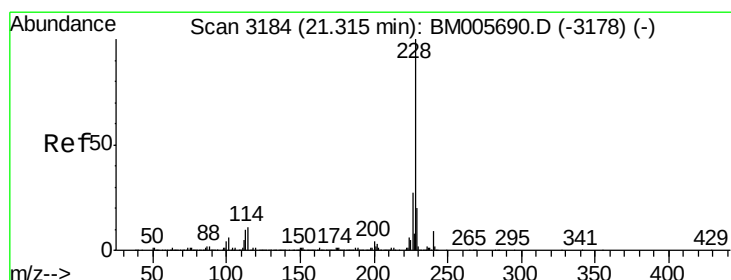
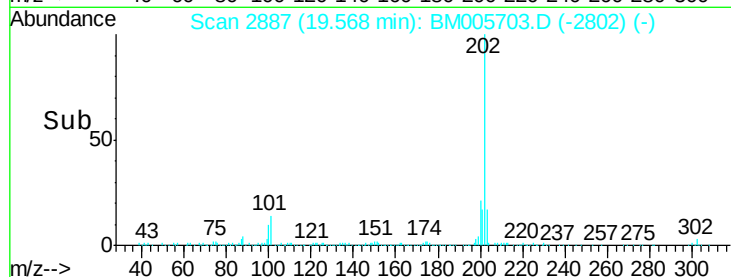
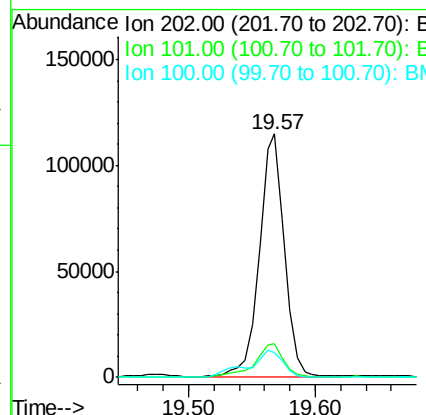
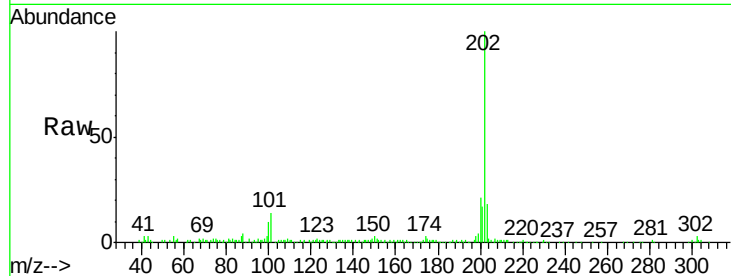
ClientSampleId :

D9XT5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		156825		
101	13.7	9.8	14.8		
100	10.0	9.3	13.9		

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#32

Benzo(a)anthracene

Concen: 2.78 ng/ul

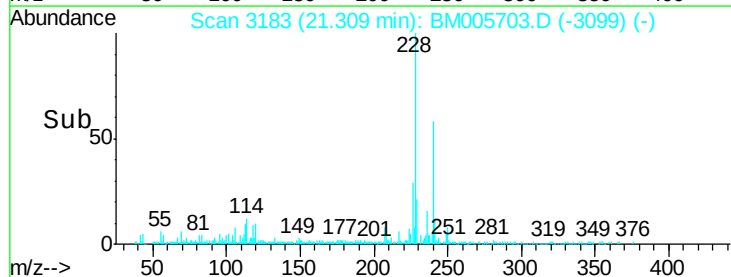
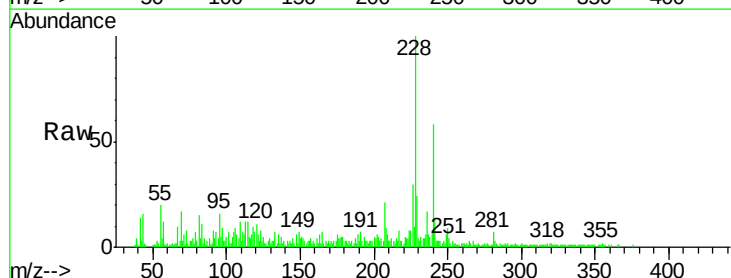
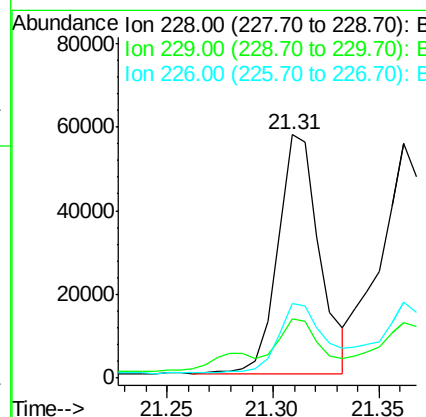
RT: 21.31 min Scan# 3183

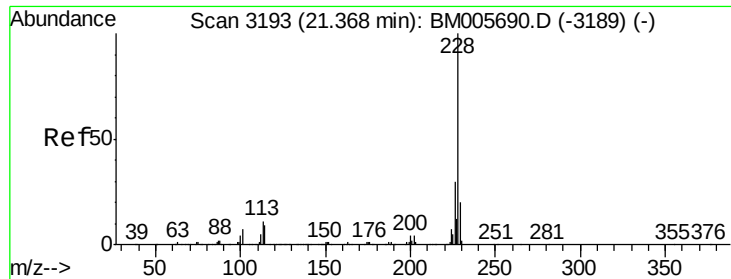
Delta R.T. -0.01 min

Lab File: BM005703.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		79020		
229	24.2	16.6	25.0		
226	30.5	21.0	31.4		





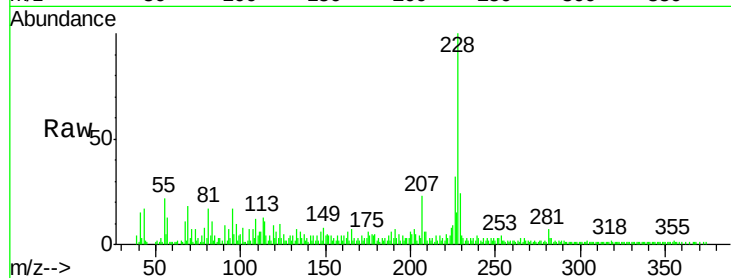
#33
Chrysene
Concen: 3.13 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BM005703.D
Acq: 07 Jun 2016 21:38

Instrument :
BNA_M
ClientSampled :
D9XT5

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.2
229	23.8	16.2	24.2

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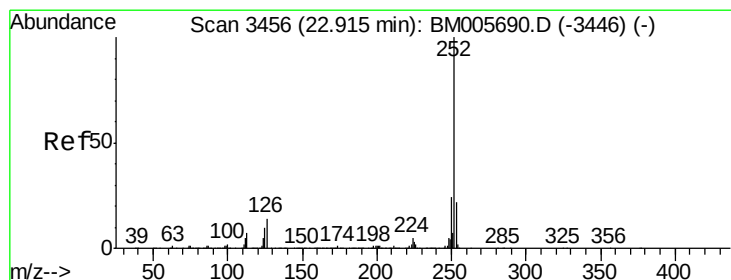
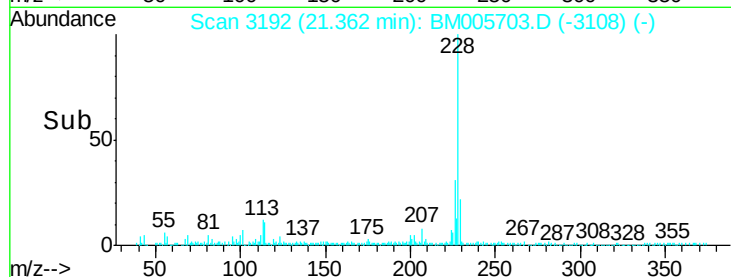
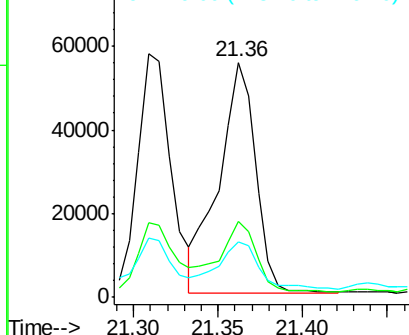


Abundance

Ion 228.00 (227.70 to 228.70): E

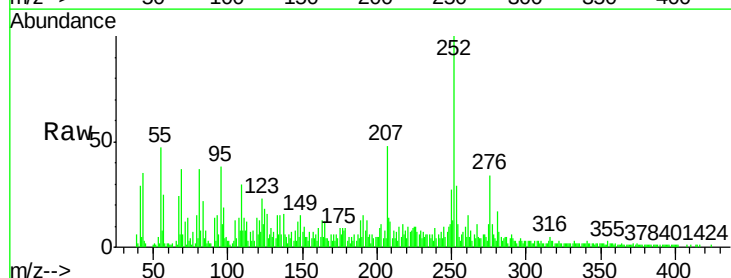
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35
Benzo(b)fluoranthene
Concen: 4.22 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM005703.D
Acq: 07 Jun 2016 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.1	27.1#
125	17.7	7.6	11.4#

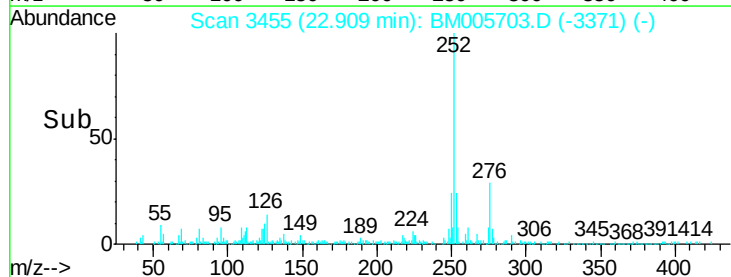
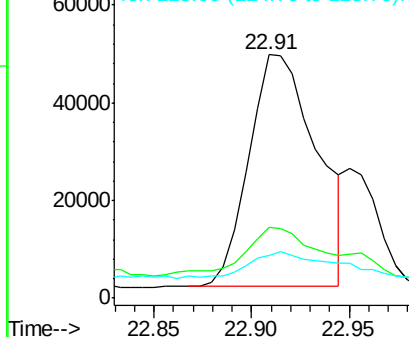


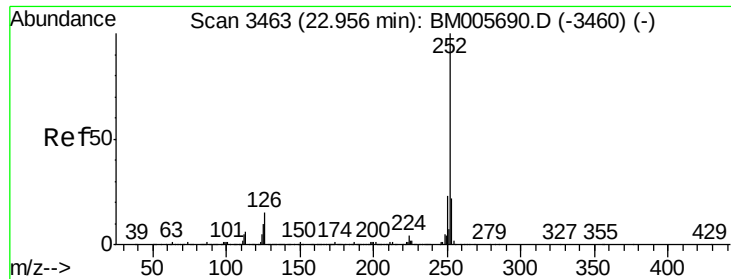
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 1.17 ng/ul m

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM005703.D

Acq: 07 Jun 2016 21:38

Instrument :

BNA_M

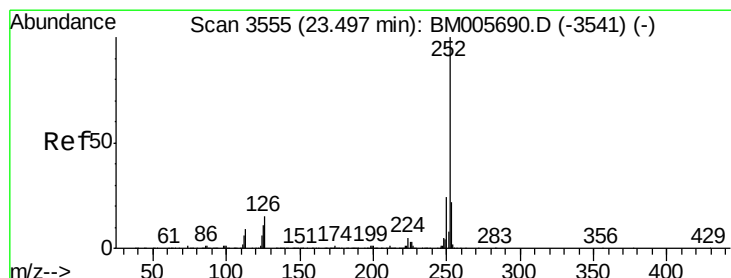
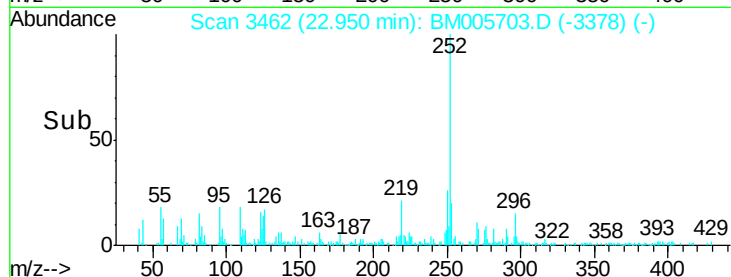
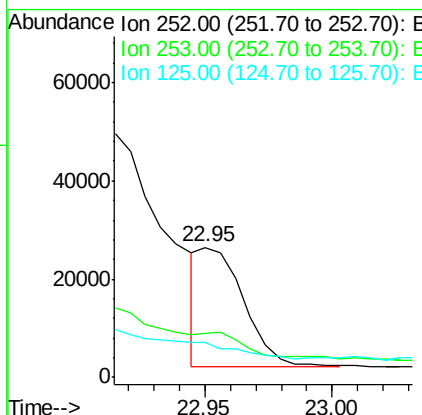
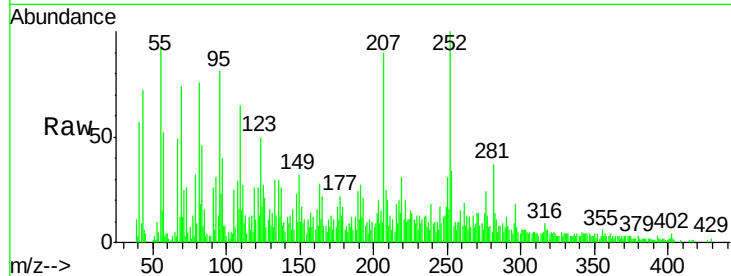
ClientSampleId :

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Tot Ion:	252	Resp:	29788
Ion Ratio	Lower	Upper	
252	100		
253	33.8	17.8	26.8#
125	26.6	7.7	11.5#

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#38

Benzo(a)pyrene

Concen: 2.71 ng/ul

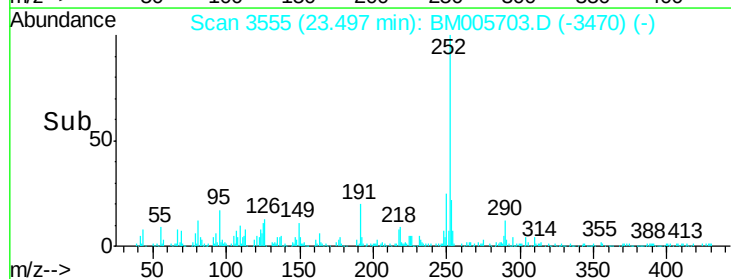
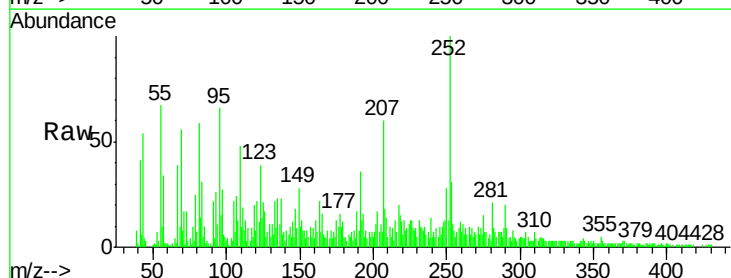
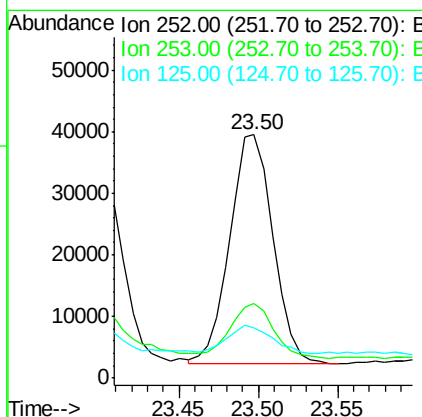
RT: 23.50 min Scan# 3555

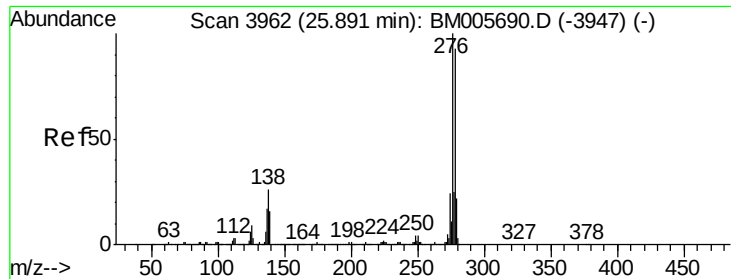
Delta R.T. -0.00 min

Lab File: BM005703.D

Acq: 07 Jun 2016 21:38

Tgt Ion:	252	Resp:	70841
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.4	26.0#
125	20.5	8.2	12.2#





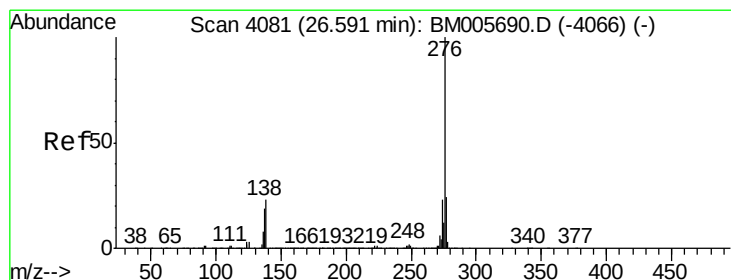
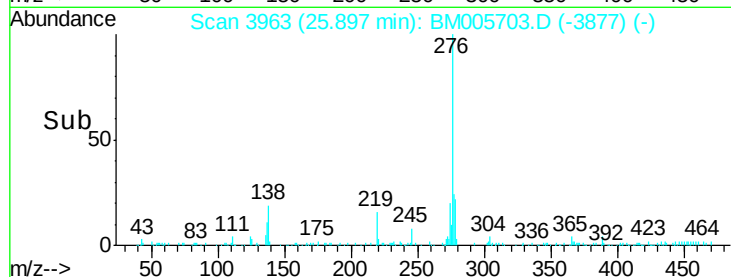
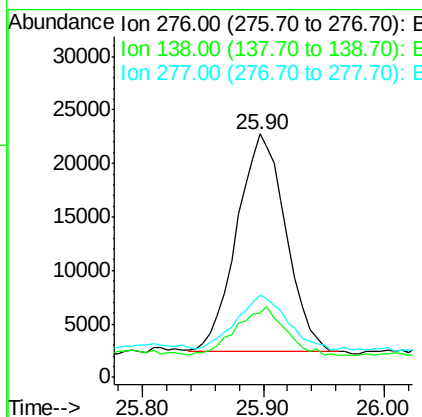
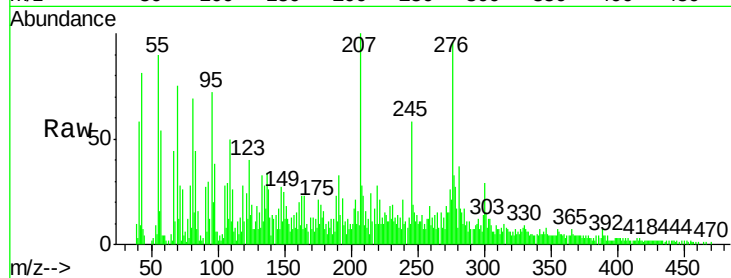
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.86 ng/ul
 RT: 25.90 min Scan# 3963
 Delta R.T. 0.01 min
 Lab File: BM005703.D
 Acq: 07 Jun 2016 21:38

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Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	15.8	23.6#
277	34.0	19.0	28.6#

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#41
 Benzo(g,h,i)perylene
 Concen: 2.39 ng/ul
 RT: 26.61 min Scan# 4084
 Delta R.T. 0.02 min
 Lab File: BM005703.D
 Acq: 07 Jun 2016 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	13.9	20.9#
277	32.4	19.8	29.6#

