

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005794.D
 Acq On : 14 Jun 2016 20:54
 Operator : UM/SJ
 Sample : H3565-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XZ5

Manual Integrations
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Quant Time: Jun 15 01:54:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:42:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	55008	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	268568	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	144970	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	274074	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	298468	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	305631	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3719	3.13	ng/uL	0.00
3) Phenol-d5	6.92	99	115064	25.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	91158	33.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	117986	31.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	73553	19.27	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	61785	32.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	69523	32.90	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	116320	28.77	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	125253	28.19	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	379844	33.01	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	487223	33.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	20786m	15.71	ng/ul	0.02
21) Fluorene-d10	15.38	176	309018	32.24	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	25727	20.98	ng/ul	0.00
26) Anthracene-d10	17.23	188	408304	32.12	ng/ul	0.00
30) Pyrene-d10	19.53	212	438715	30.20	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	447944	31.73	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.17	178	53383	3.55	ng/ul	99
28) Fluoranthene	19.19	202	110890	6.93	ng/ul	99
31) Pyrene	19.55	202	98604	5.38	ng/ul	98
32) Benzo(a)anthracene	21.30	228	48071	2.78	ng/ul	96
33) Chrysene	21.35	228	62412	3.69	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	91727	5.02	ng/ul	97
36) Benzo(k)fluoranthene	22.93	252	33193m	1.96	ng/ul	
38) Benzo(a)pyrene	23.47	252	57917	3.32	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.86	276	48055	2.40	ng/ul	95
41) Benzo(g,h,i)perylene	26.55	276	42498	2.45	ng/ul	96

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

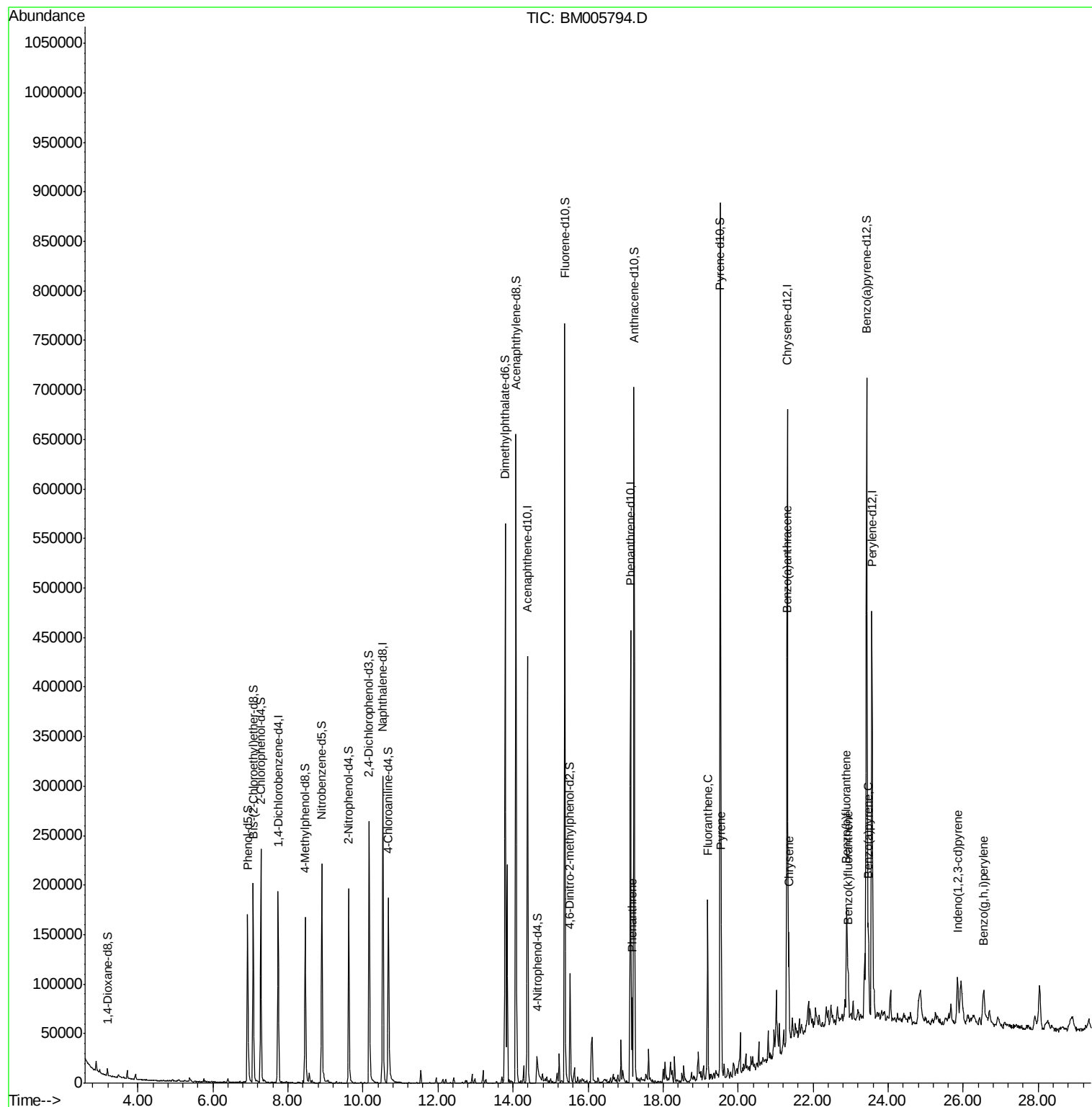
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005794.D
Acq On : 14 Jun 2016 20:54
Operator : UM/SJ
Sample : H3565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

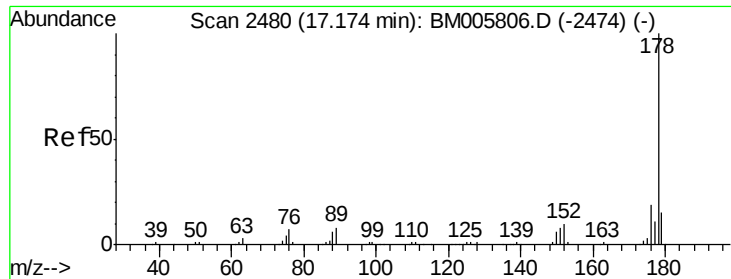
Instrument :
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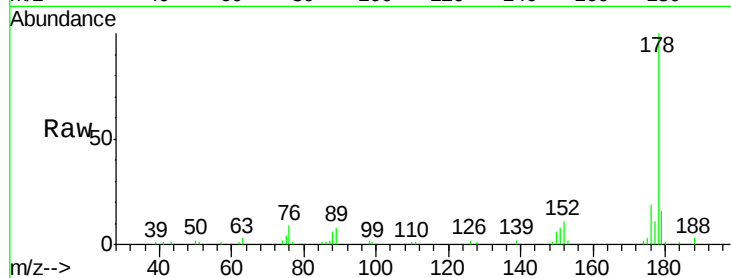
#25
Phenanthrene
Concen: 3.55 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005794.D
Acq: 14 Jun 2016 20:54

Instrument :
BNA_M
ClientSampleId :
D9XZ5

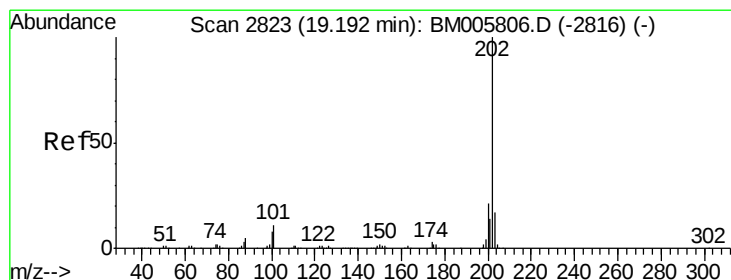
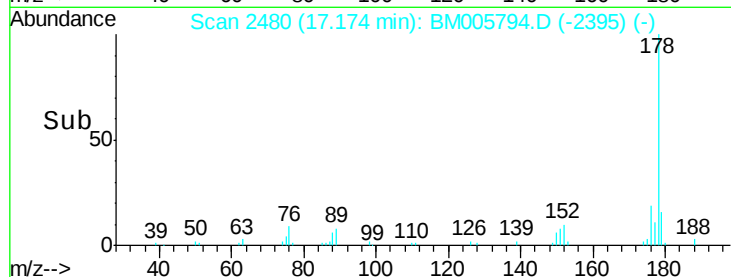
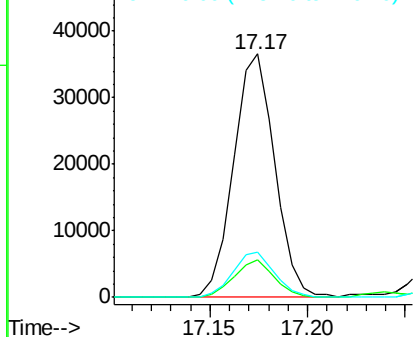
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.8	15.3	22.9

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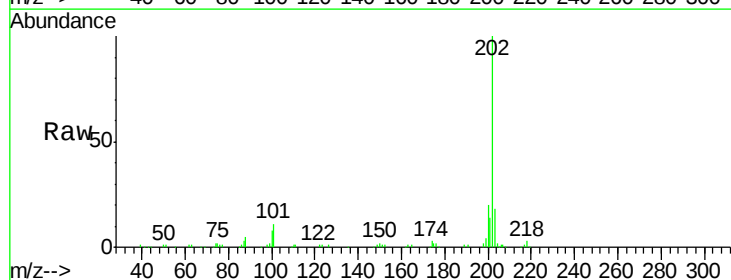


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

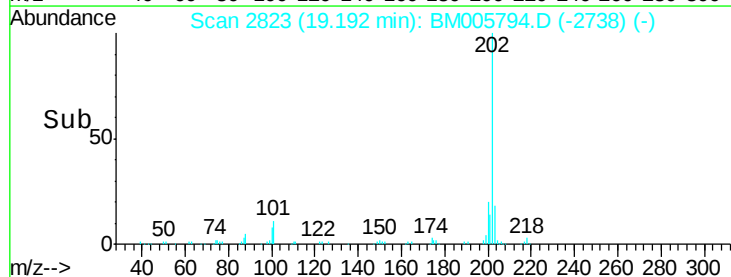
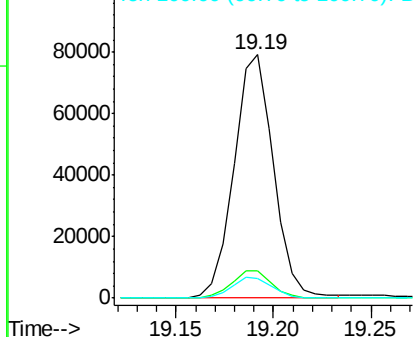


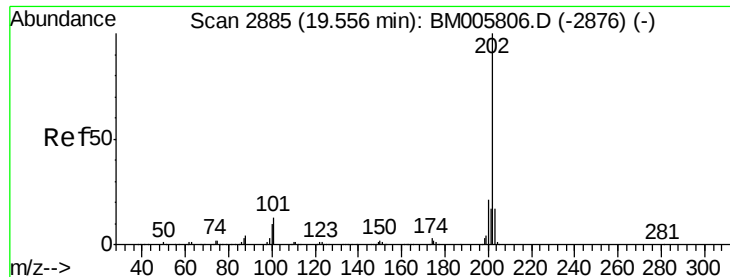
#28
Fluoranthene
Concen: 6.93 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005794.D
Acq: 14 Jun 2016 20:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.5	12.7
100	8.0	6.5	9.7



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





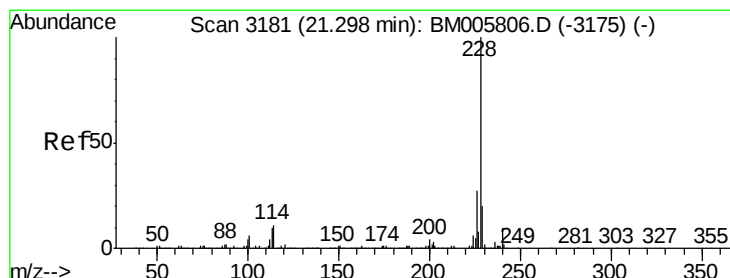
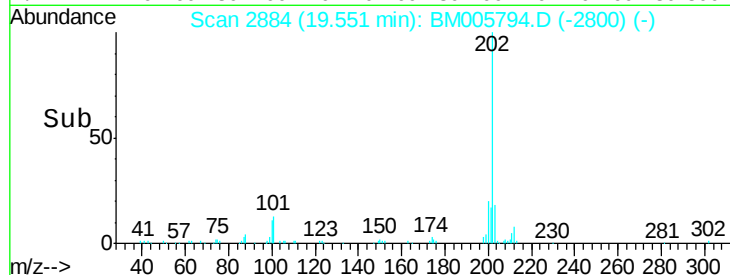
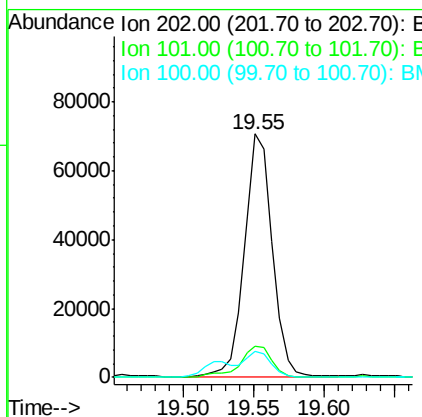
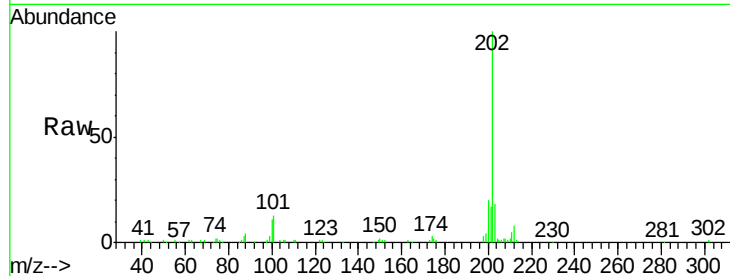
#31
 Pyrene
 Concen: 5.38 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BM005794.D
 Acq: 14 Jun 2016 20:54

Instrument :
 BNA_M
 ClientSampleId :
 D9XZ5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	11.0	16.4
100	10.8	8.9	13.3

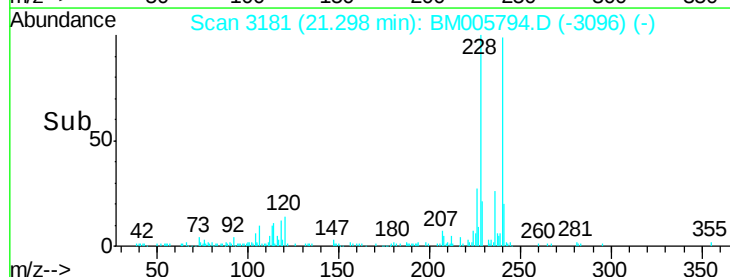
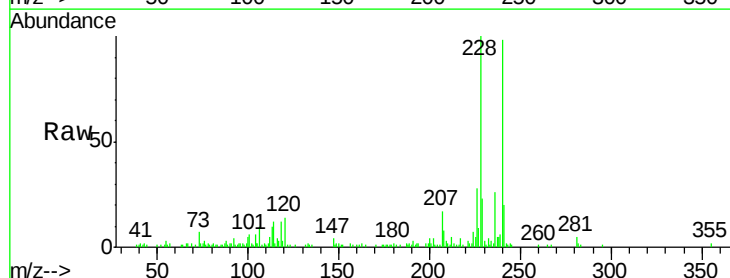
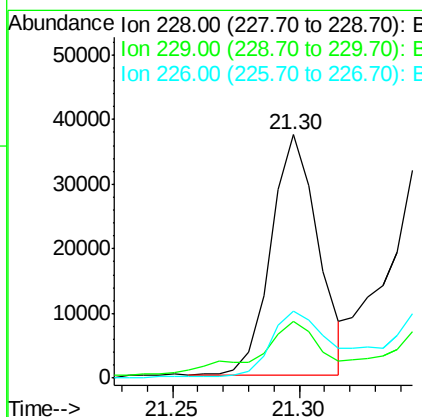
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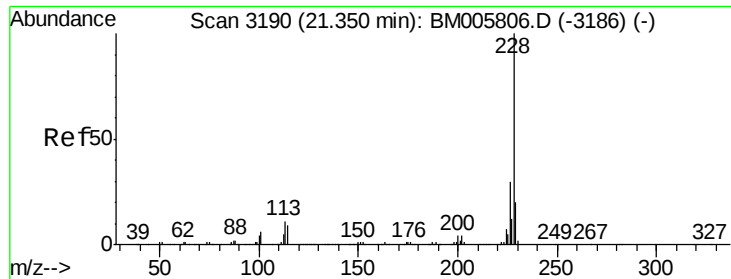
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#32
 Benzo(a)anthracene
 Concen: 2.78 ng/ul
 RT: 21.30 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BM005794.D
 Acq: 14 Jun 2016 20:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.1	15.6	23.4
226	27.7	21.6	32.4





#33

Chrysene

Concen: 3.69 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

Instrument :

BNA_M

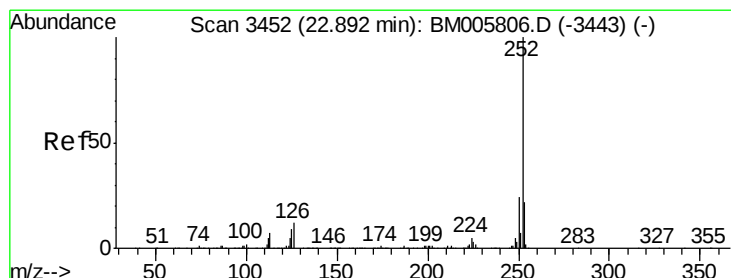
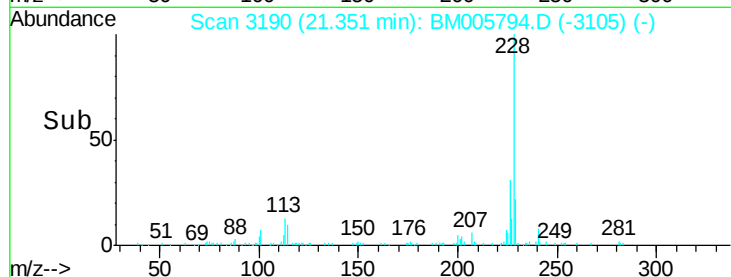
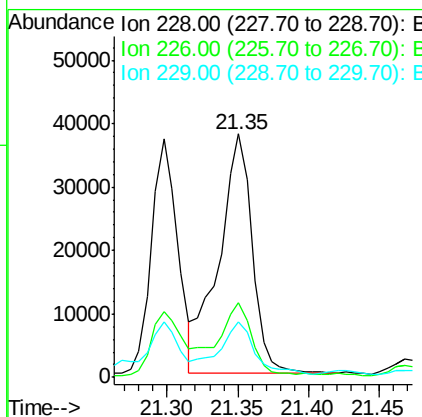
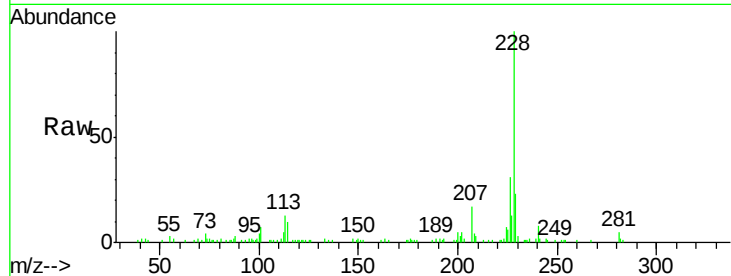
ClientSampled :

D9XZ5

Tgt Ion:	228	Resp:	62412
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.8	35.6
229	22.8	15.8	23.6

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#35

Benzo(b)fluoranthene

Concen: 5.02 ng/ul

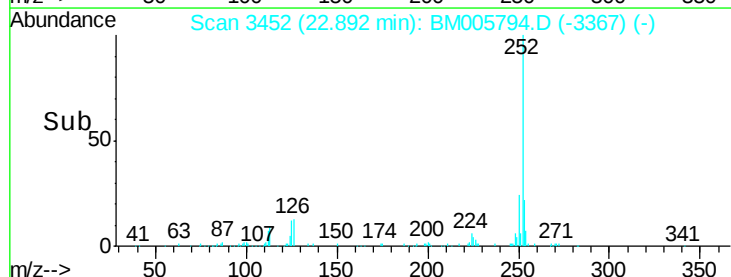
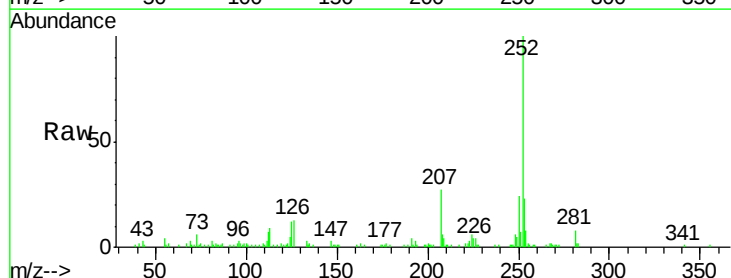
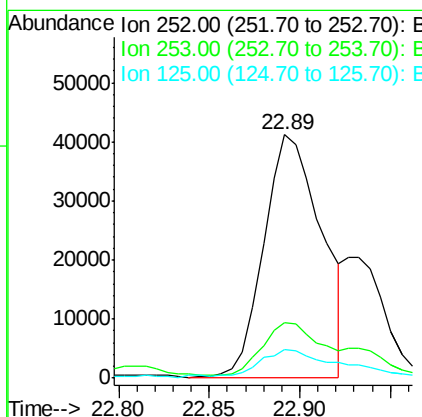
RT: 22.89 min Scan# 3452

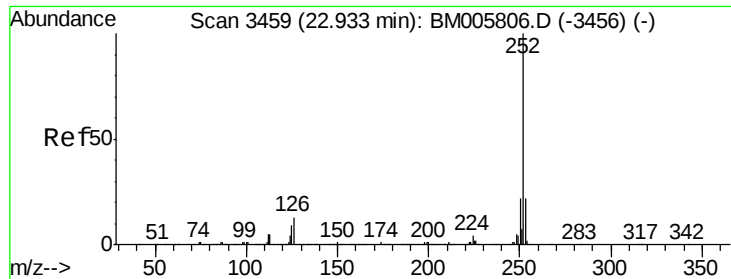
Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

Tgt Ion:	252	Resp:	91727
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	11.6	7.8	11.6





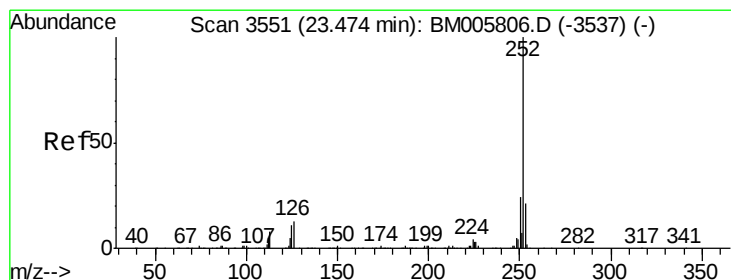
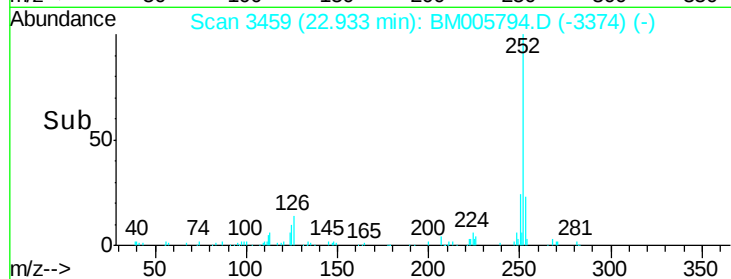
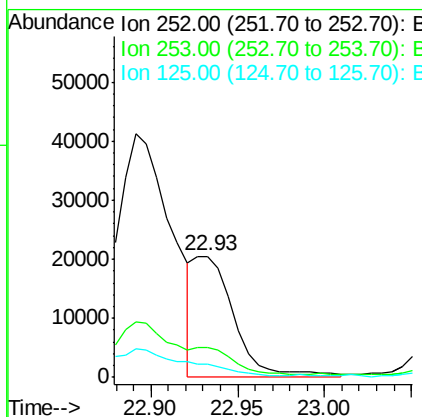
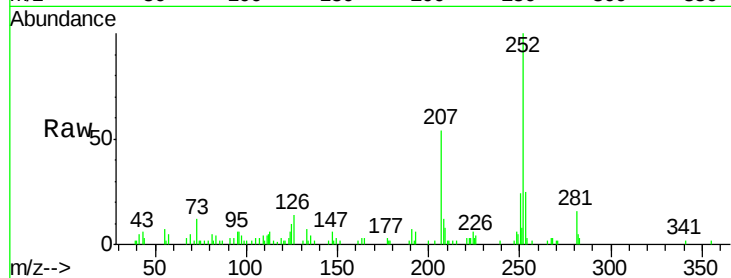
#36
Benzo(k)fluoranthene
Concen: 1.96 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005794.D
Acq: 14 Jun 2016 20:54

Instrument :
BNA_M
ClientSampleId :
D9XZ5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	10.5	8.1	12.1

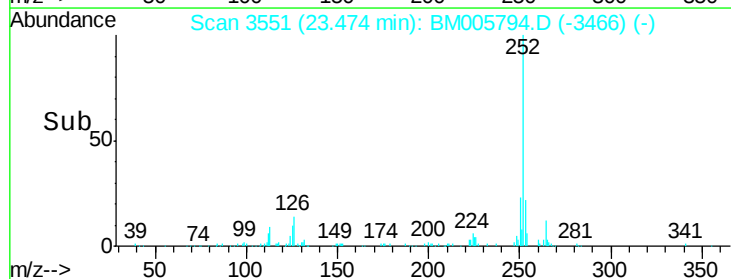
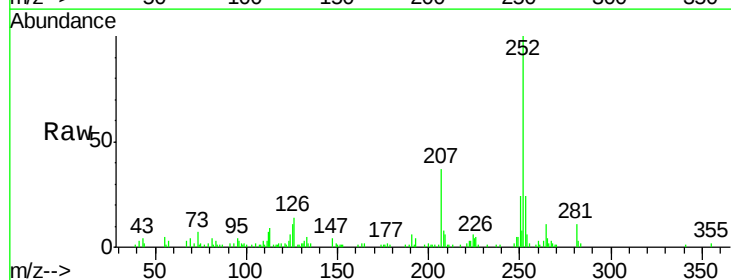
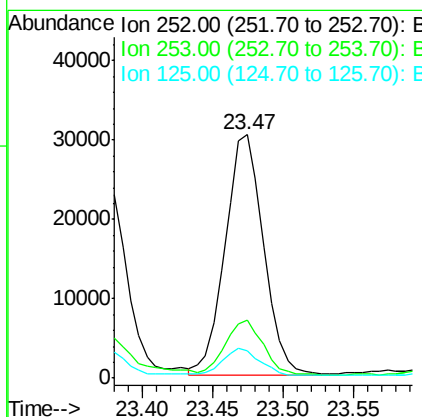
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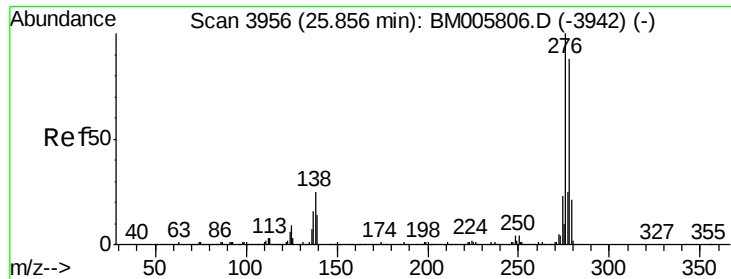
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#38
Benzo(a)pyrene
Concen: 3.32 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005794.D
Acq: 14 Jun 2016 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	11.1	8.7	13.1





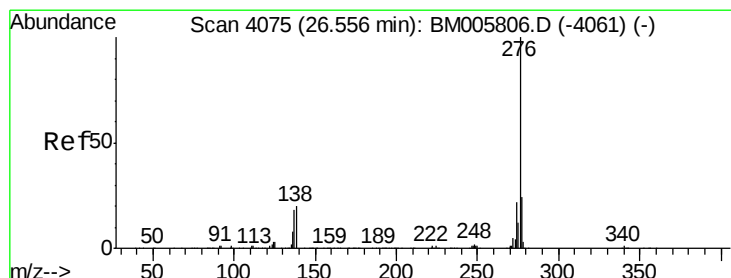
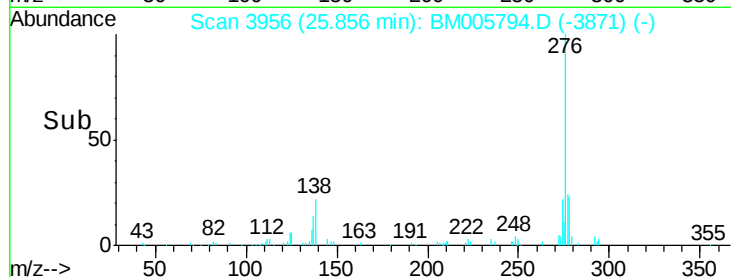
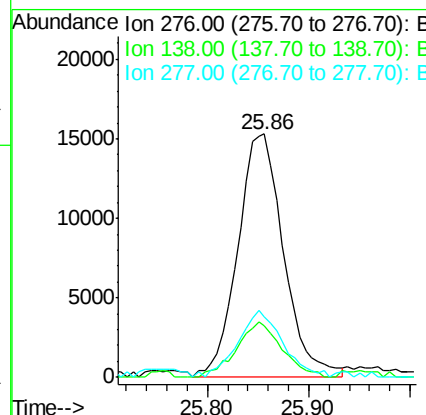
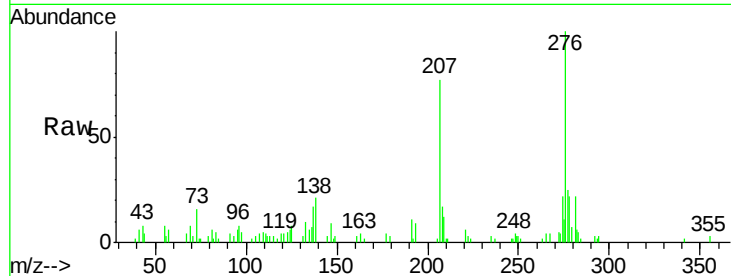
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 2.40 ng/ul
 RT: 25.86 min Scan# 3956
 Delta R.T. -0.00 min
 Lab File: BM005794.D
 Acq: 14 Jun 2016 20:54

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.4	30.6
277	25.1	20.6	30.8

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#41
 Benzo(g,h,i)perylene
 Concen: 2.45 ng/ul
 RT: 26.55 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BM005794.D
 Acq: 14 Jun 2016 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.6	25.0
277	25.3	18.9	28.3

