

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005844.D
 Acq On : 17 Jun 2016 01:02
 Operator : UM/SJ
 Sample : H3537-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y35

Manual Integrations
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Quant Time: Jun 17 02:12:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:56:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	33495	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	161244	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	102702	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	240249	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	284097	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	256108	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	535	2.07	ng/uL	0.00
3) Phenol-d5	6.92	99	37852	13.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	21480	14.78	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	35225	14.76	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	29069	11.60	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	17312	15.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	21123	15.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	39848	14.51	ng/ul	0.00
12) 4-Chloroaniline-d4	10.66	131	66959	36.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	139107	14.32	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	168418	15.05	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	10527m	8.99	ng/ul	0.01
21) Fluorene-d10	15.37	176	120602	14.57	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	16550	10.21	ng/ul	0.00
26) Anthracene-d10	17.22	188	186165	14.84	ng/ul	0.00
30) Pyrene-d10	19.52	212	222736	16.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	194402	15.18	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.16	178	23920	1.67	ng/ul	99
28) Fluoranthene	19.18	202	58075	3.23	ng/ul	99
31) Pyrene	19.54	202	52076	3.10	ng/ul	99
32) Benzo(a)anthracene	21.29	228	29690	1.67	ng/ul	97
33) Chrysene	21.34	228	31321	1.83	ng/ul	97
35) Benzo(b)fluoranthene	22.88	252	43070	2.70	ng/ul#	92
38) Benzo(a)pyrene	23.46	252	26430	1.69	ng/ul#	97
41) Benzo(g,h,i)perylene	26.53	276	18773	1.15	ng/ul	96

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

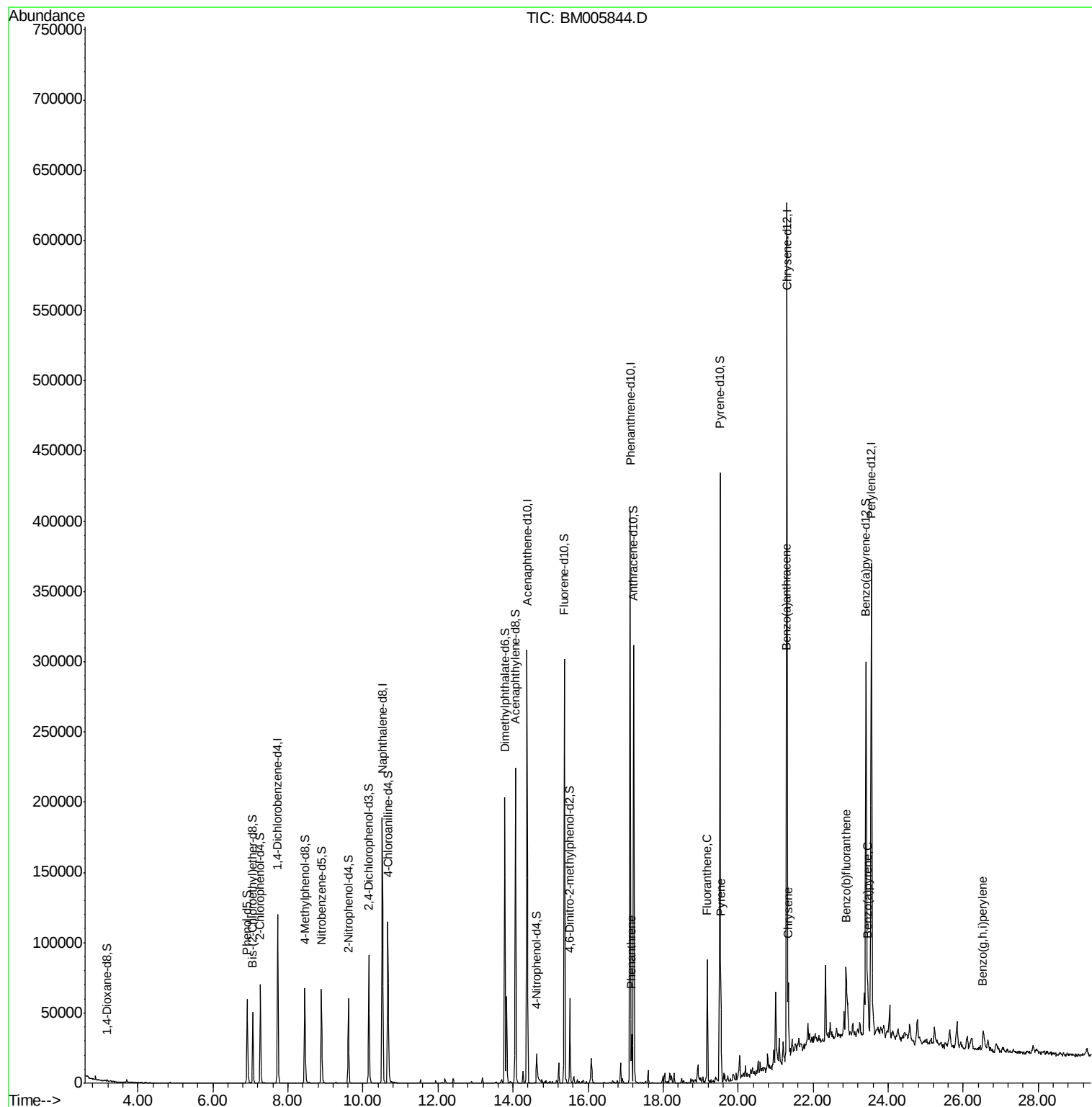
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005844.D
Acq On : 17 Jun 2016 01:02
Operator : UM/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

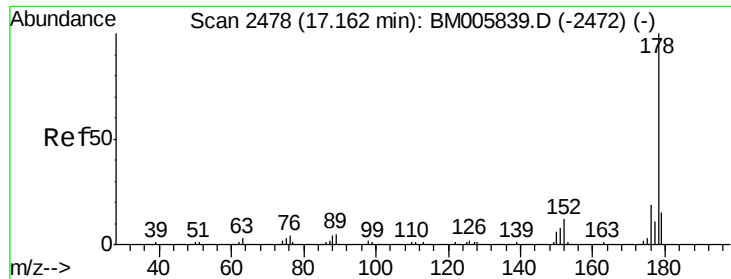
Instrument :
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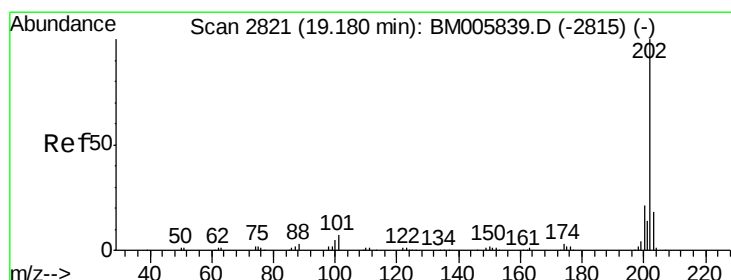
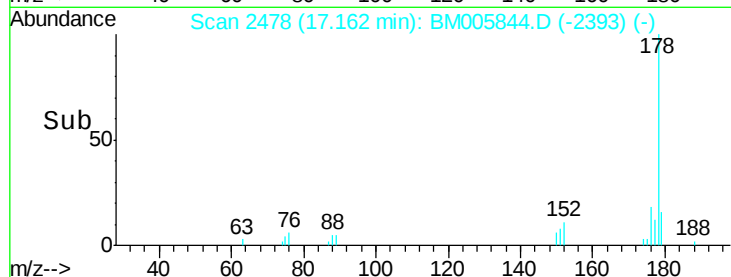
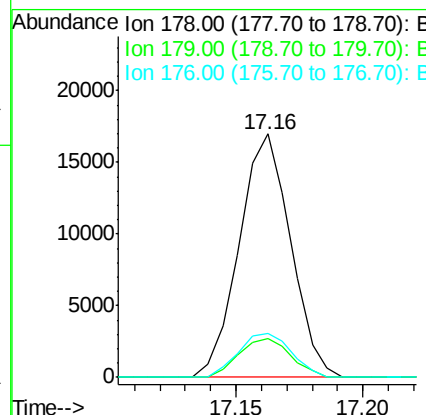
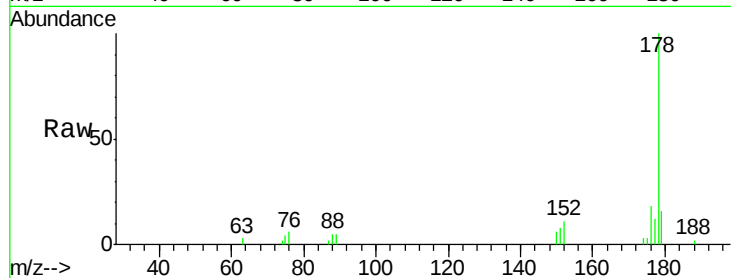
#25
Phenanthrene
Concen: 1.67 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	18.2	14.9	22.3

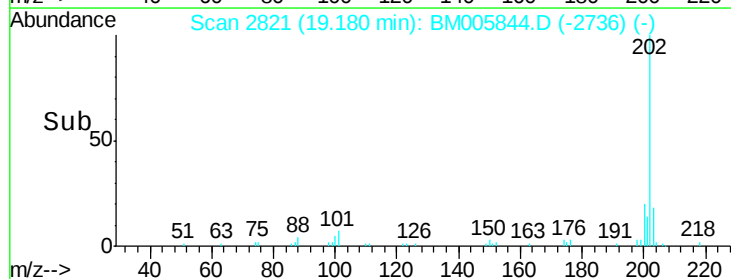
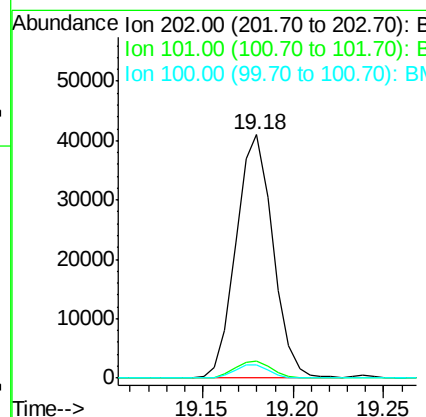
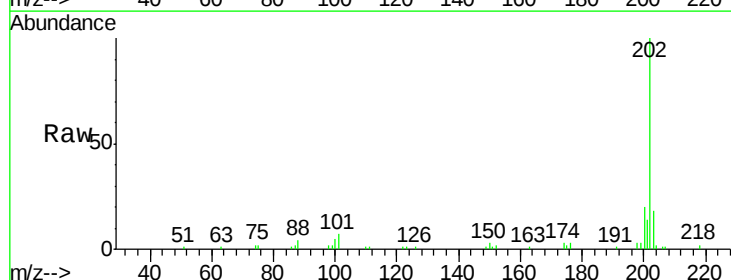
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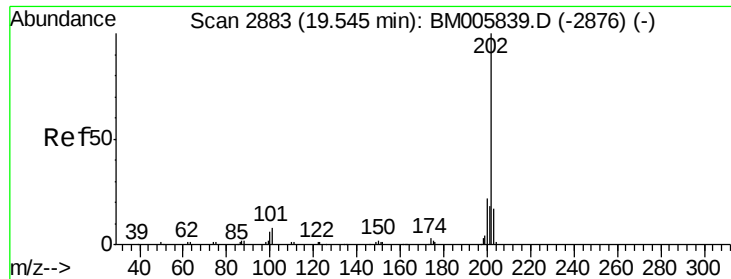
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#28
Fluoranthene
Concen: 3.23 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.1	9.1
100	5.3	4.2	6.2





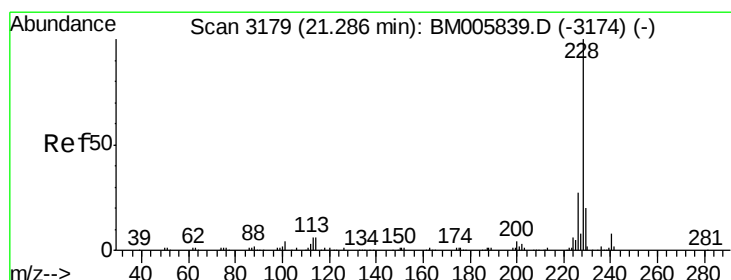
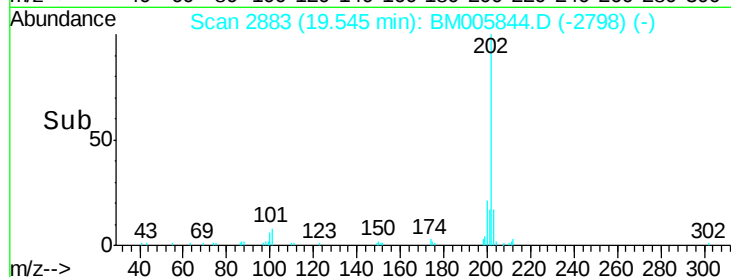
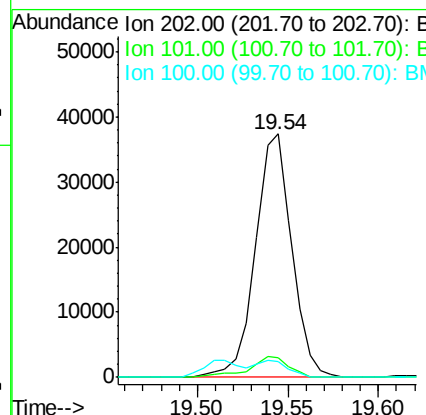
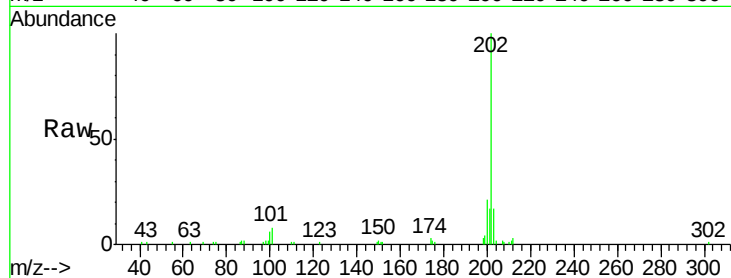
#31
 Pyrene
 Concen: 3.10 ng/u1
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BM005844.D
 Acq: 17 Jun 2016 01:02

Instrument :
 BNA_M
 ClientSampleId :
 D9Y35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.2	6.5	9.7
100	6.3	5.4	8.2

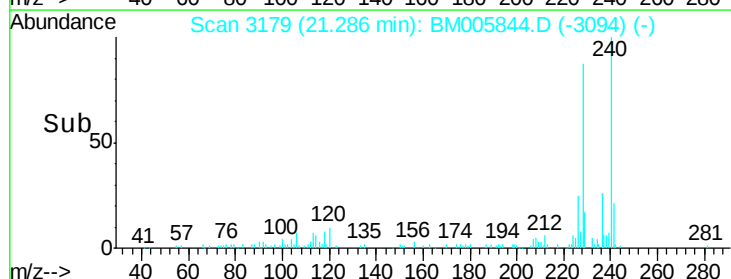
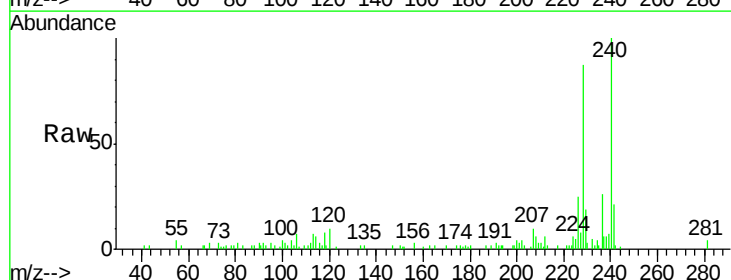
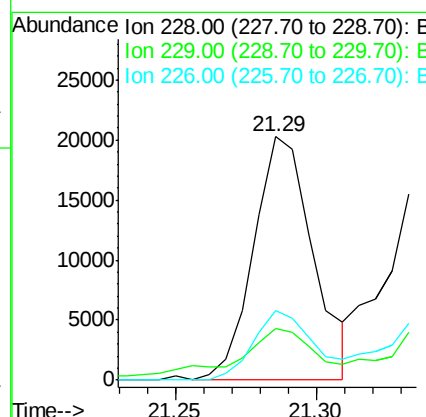
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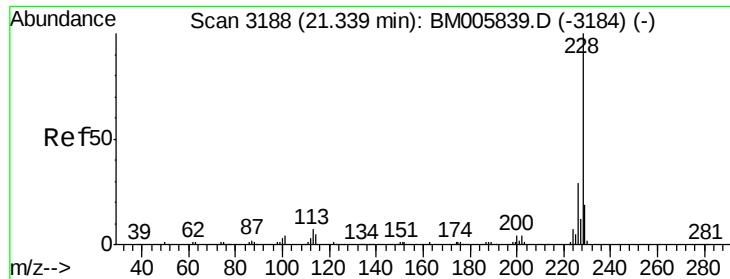
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#32
 Benzo(a)anthracene
 Concen: 1.67 ng/u1
 RT: 21.29 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BM005844.D
 Acq: 17 Jun 2016 01:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.4	15.8	23.6
226	28.4	21.8	32.6





#33

Chrysene

Concen: 1.83 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

Instrument :

BNA_M

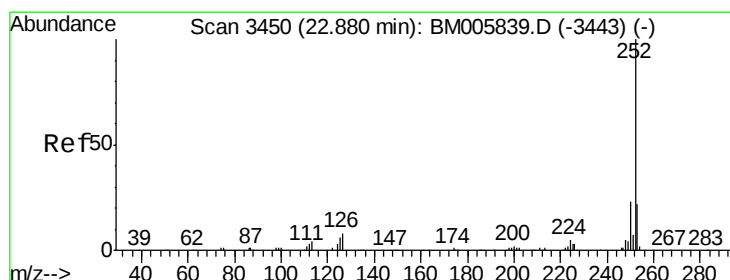
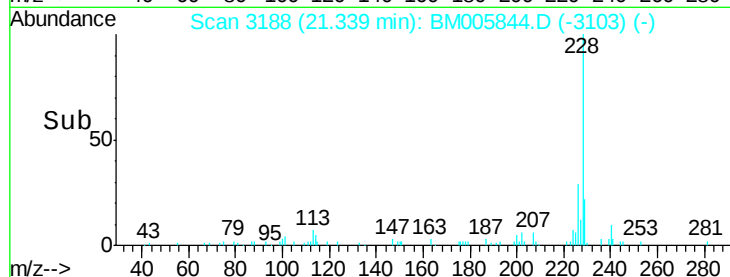
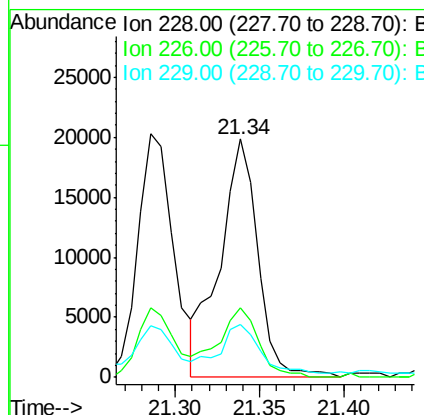
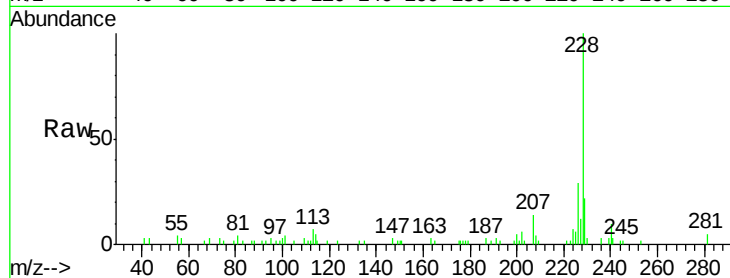
ClientSampleId :

D9Y35

Tgt Ion:	228	Resp:	31321
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.5	35.3
229	22.1	15.4	23.0

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#35

Benzo(b)fluoranthene

Concen: 2.70 ng/ul

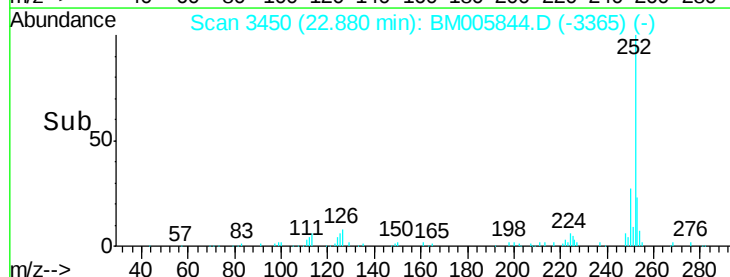
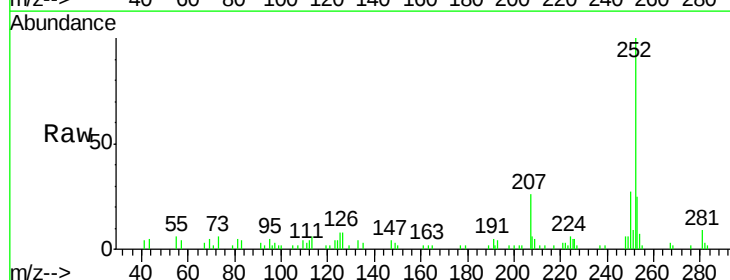
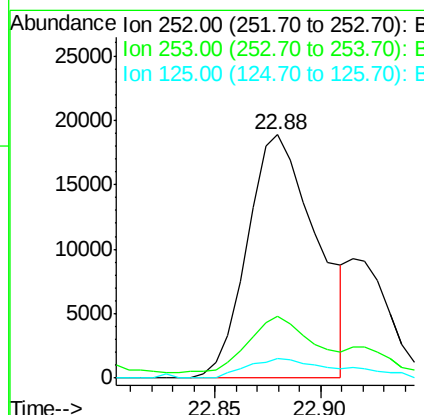
RT: 22.88 min Scan# 3450

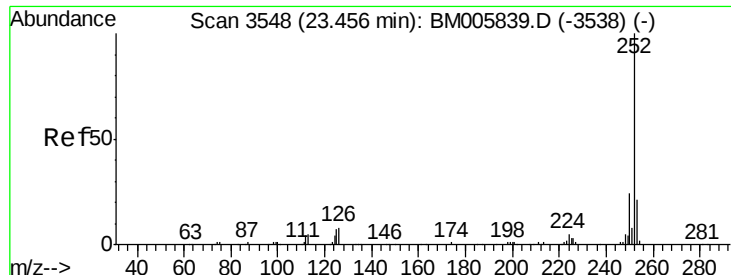
Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

Tgt Ion:	252	Resp:	43070
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.1	25.7
125	8.1	4.9	7.3#





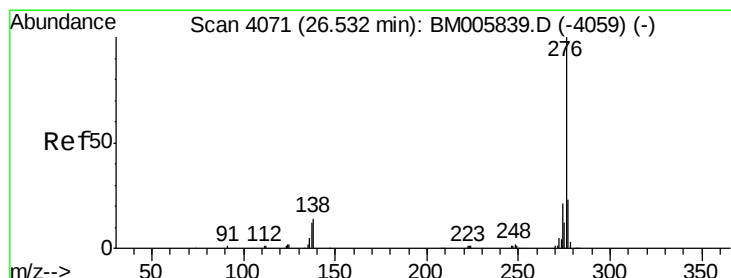
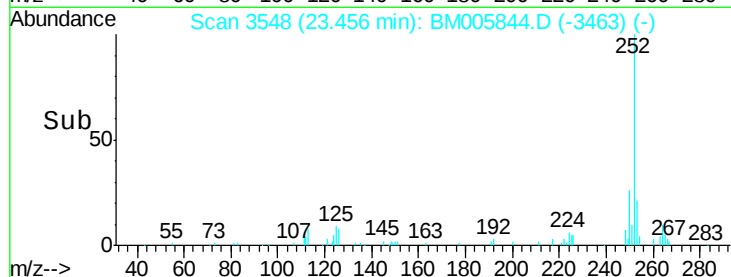
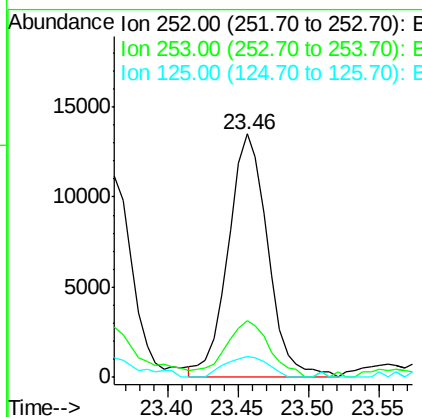
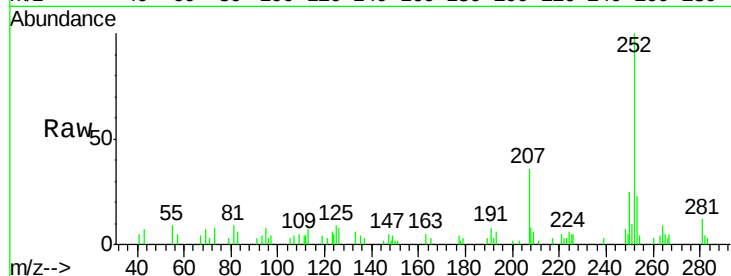
#38
Benzo(a)pyrene
Concen: 1.69 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	18.0	27.0
125	8.6	5.1	7.7#

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#41
Benzo(g,h,i)perylene
Concen: 1.15 ng/ul
RT: 26.53 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.7	10.6	15.8
277	23.3	19.6	29.4

