

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
 Data File : BM005864.D
 Acq On : 17 Jun 2016 16:34
 Operator : UM/SJ
 Sample : H3535-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y05

Manual Integrations
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Quant Time: Jun 17 17:32:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 10:48:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26331	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	118584	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	72406	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	168587	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	175911	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	151648	20.00	ng/ul	0.00

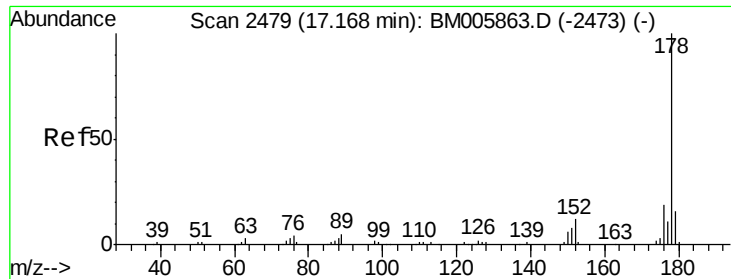
System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	667	3.28	ng/uL	0.00
3) Phenol-d5	6.92	99	36550	16.58	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	19945	17.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	35111	19.10	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	28922	14.68	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	17249	20.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	21010	20.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	39851	19.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	24670	18.05	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	133442	19.48	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	160832	20.38	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	11841	14.34	ng/ul	0.02
21) Fluorene-d10	15.37	176	116763	20.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	10658	9.37	ng/ul	0.00
26) Anthracene-d10	17.22	188	184617	20.97	ng/ul	0.00
30) Pyrene-d10	19.52	212	212630	25.50	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	162699	21.46	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.16	178	111422	11.10	ng/ul	99
27) Anthracene	17.26	178	29591	2.88	ng/ul	100
28) Fluoranthene	19.19	202	491524	38.97	ng/ul	98
31) Pyrene	19.55	202	459604	44.21	ng/ul	99
32) Benzo(a)anthracene	21.30	228	299555	27.27	ng/ul	99
33) Chrysene	21.34	228	280831	26.54	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	396906	42.04	ng/ul	98
36) Benzo(k)fluoranthene	22.93	252	92925m	10.19	ng/ul	
38) Benzo(a)pyrene	23.47	252	234930	25.35	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.85	276	152280	13.44	ng/ul	95
40) Dibenzo(a,h)anthracene	25.84	278	44964m	4.83	ng/ul	
41) Benzo(g,h,i)perylene	26.55	276	133787	13.87	ng/ul	99

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



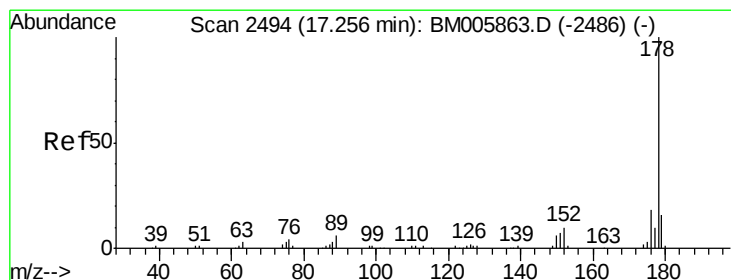
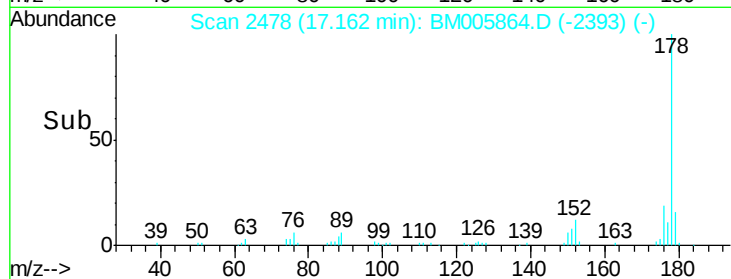
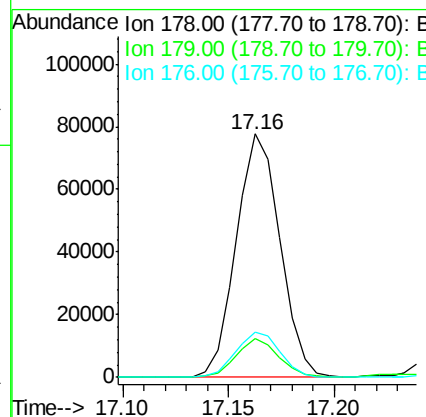
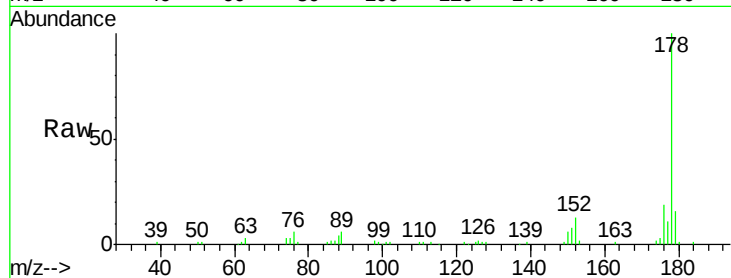
#25
Phenanthrene
Concen: 11.10 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Instrument :
BNA_M
ClientSampled :
D9Y05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.0	18.0
176	18.8	14.9	22.3

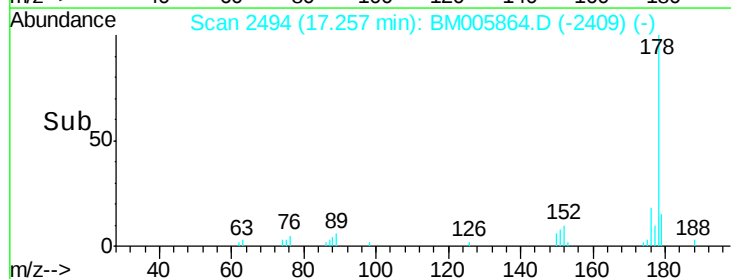
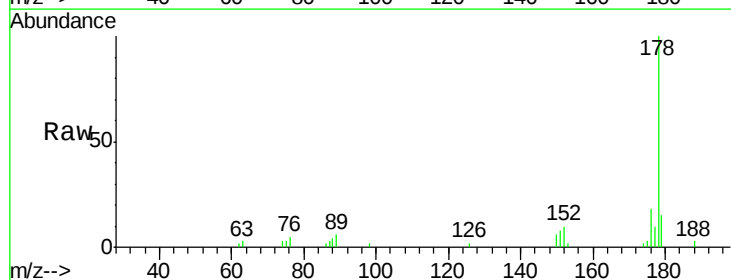
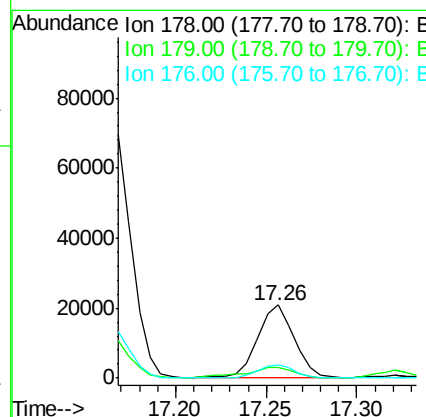
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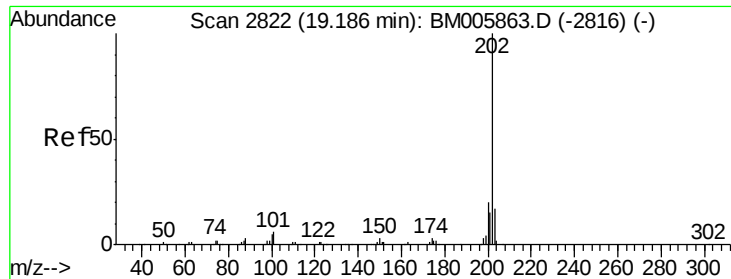
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#27
Anthracene
Concen: 2.88 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	18.4	14.8	22.2





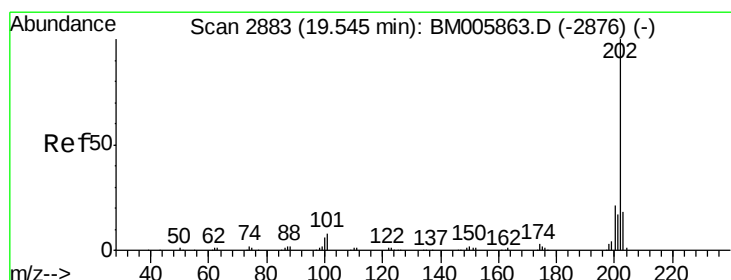
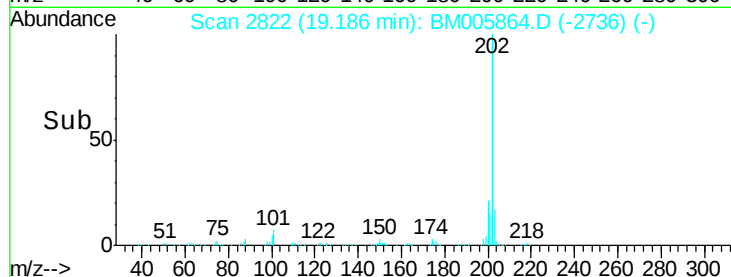
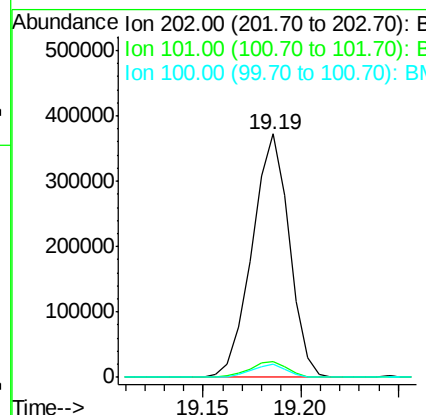
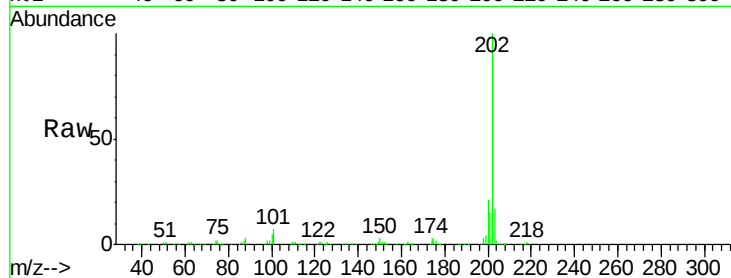
#28
Fluoranthene
Concen: 38.97 ng/ul
RT: 19.19 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Instrument :
BNA_M
ClientSampleId :
D9Y05

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		491524		
101	6.7	6.1	9.1		
100	5.2	4.2	6.2		

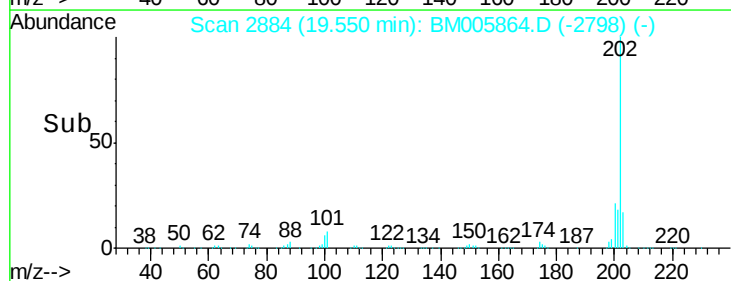
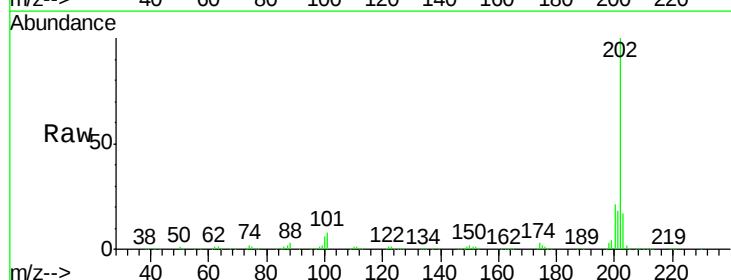
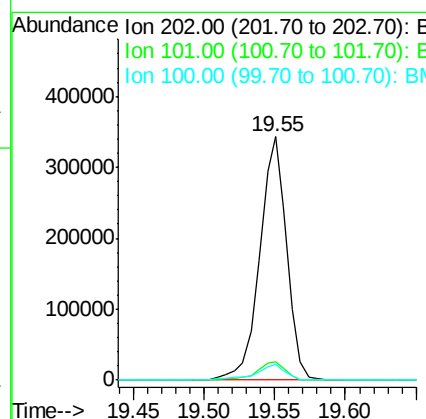
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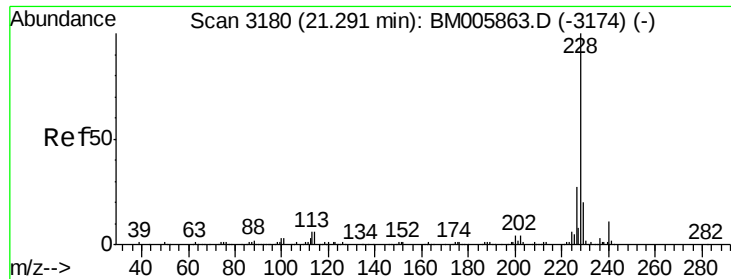
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#31
Pyrene
Concen: 44.21 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		459604		
101	7.7	6.5	9.7		
100	6.3	5.4	8.2		





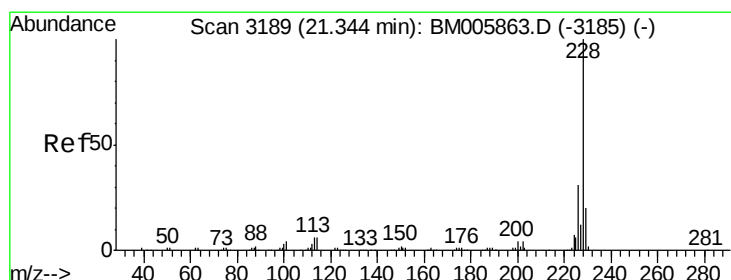
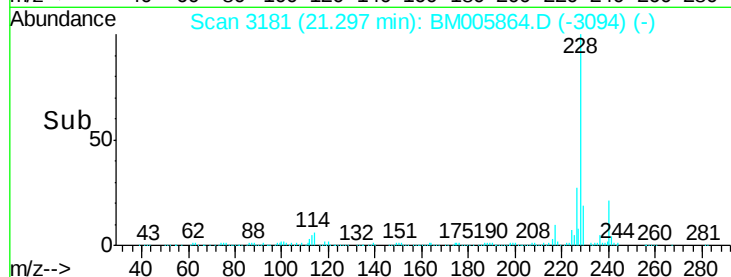
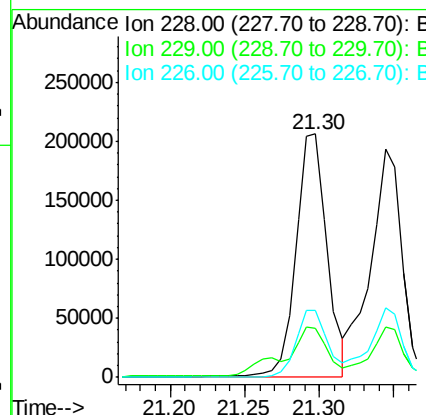
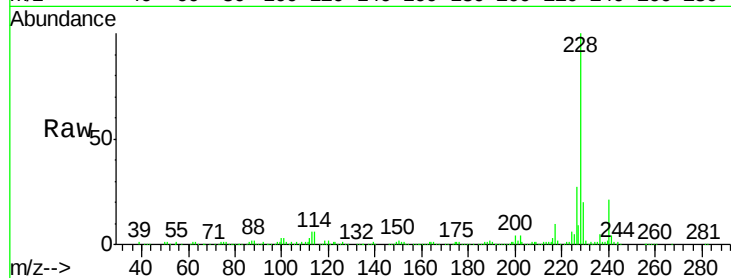
#32
Benzo(a)anthracene
Concen: 27.27 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Instrument :
BNA_M
ClientSampleId :
D9Y05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.8	23.6
226	27.3	21.8	32.6

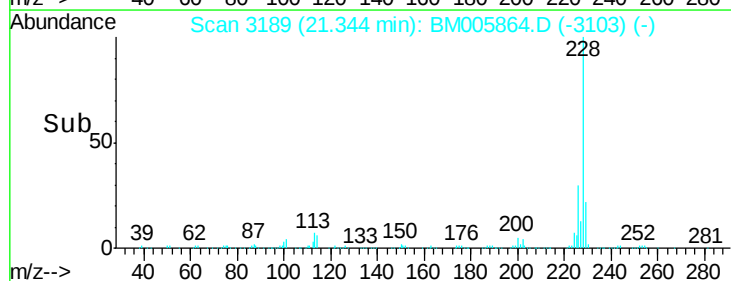
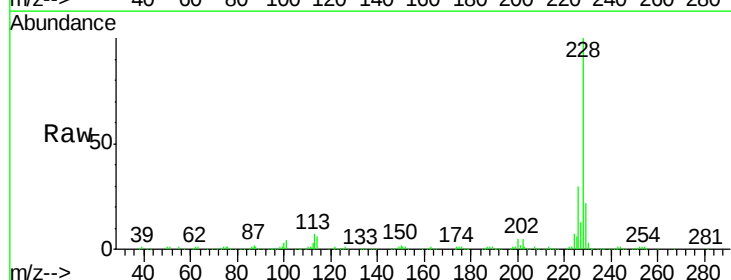
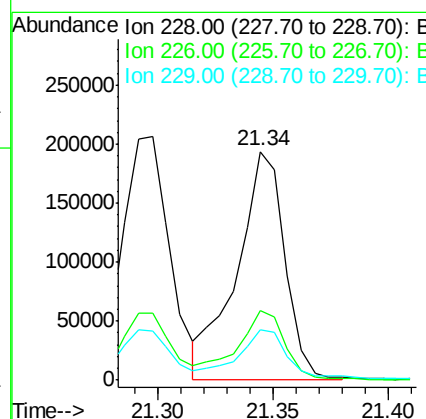
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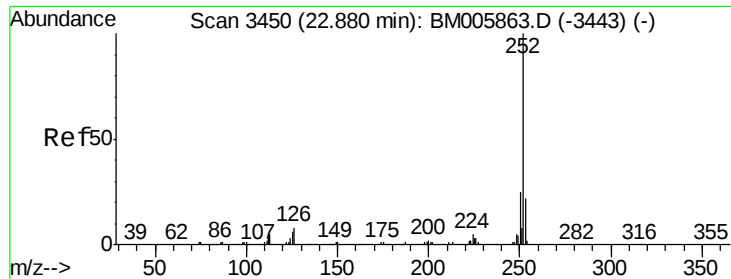
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#33
Chrysene
Concen: 26.54 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	23.5	35.3
229	22.2	15.4	23.0





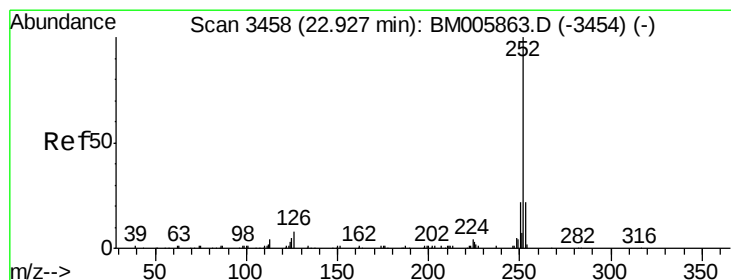
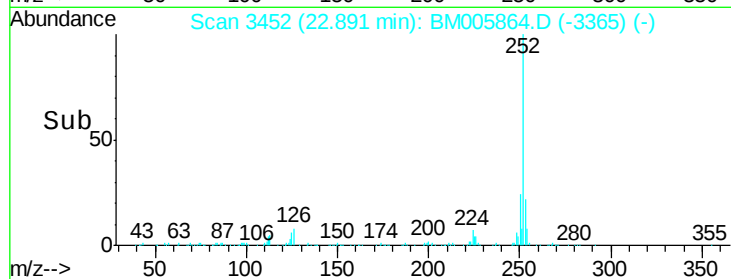
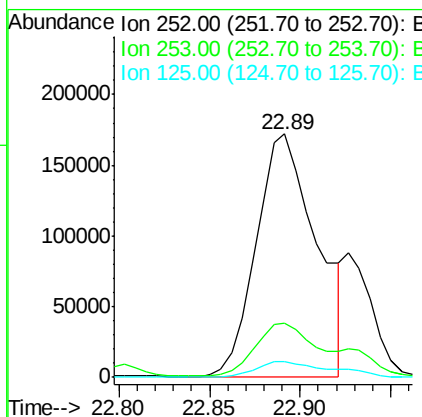
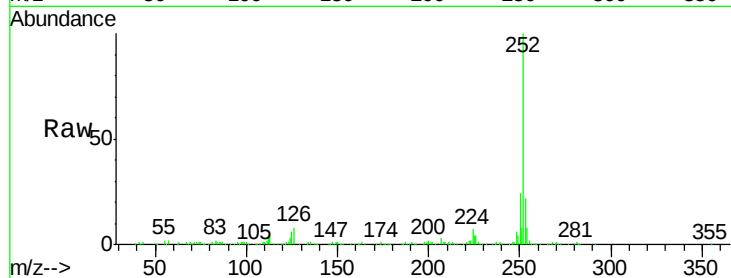
#35
Benzo(b)fluoranthene
Concen: 42.04 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Instrument :
BNA_M
ClientSampleId :
D9Y05

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.1	25.7
125	6.5	4.9	7.3

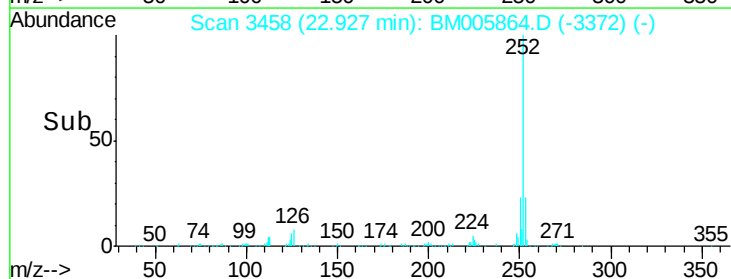
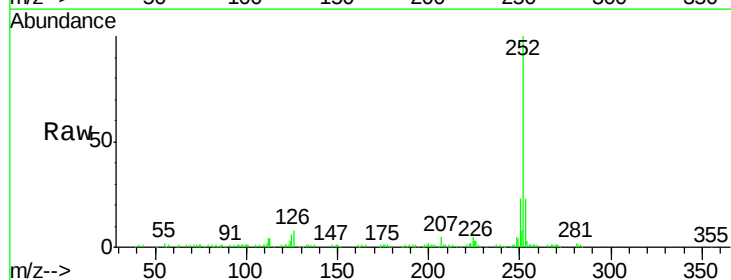
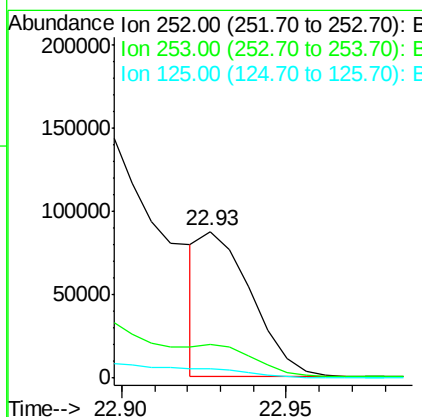
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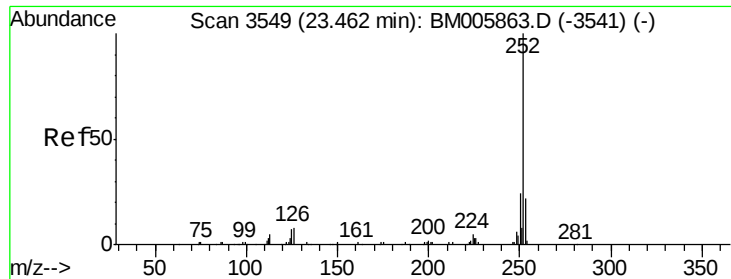
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#36
Benzo(k)fluoranthene
Concen: 10.19 ng/ul m
RT: 22.93 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM005864.D
Acq: 17 Jun 2016 16:34

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.5	26.3
125	6.1	4.8	7.2





#38

Benzo(a)pyrene

Concen: 25.35 ng/ul

RT: 23.47 min Scan# 3550

Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

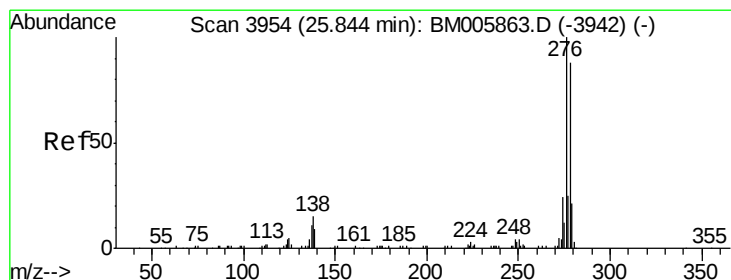
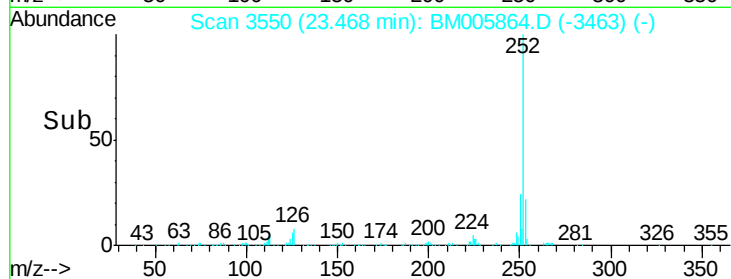
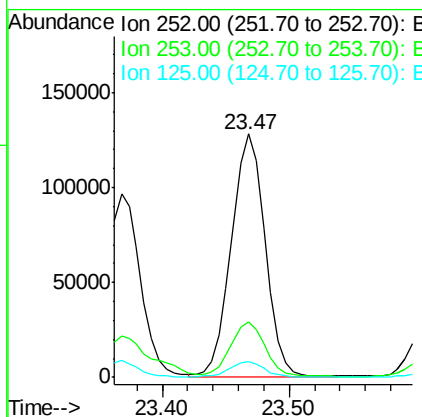
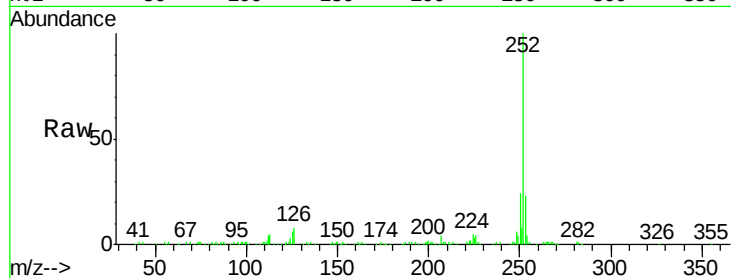
ClientSampleId :

D9Y05

Tgt Ion:	252	Resp:	234930
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	6.4	5.1	7.7

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#39

Indeno(1,2,3-cd)pyrene

Concen: 13.44 ng/ul

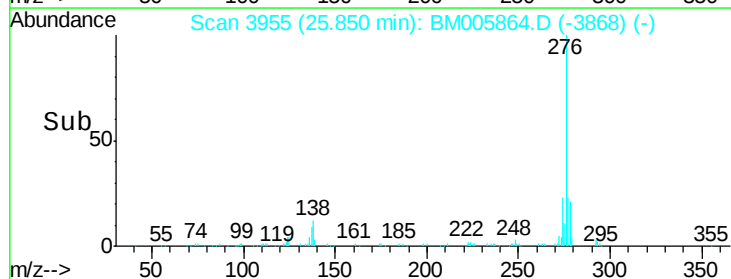
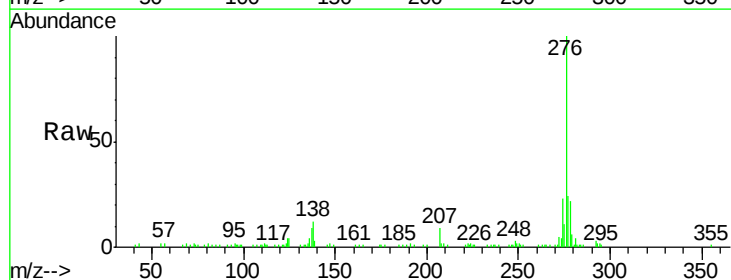
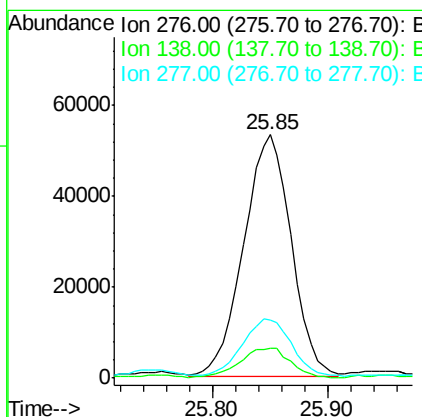
RT: 25.85 min Scan# 3955

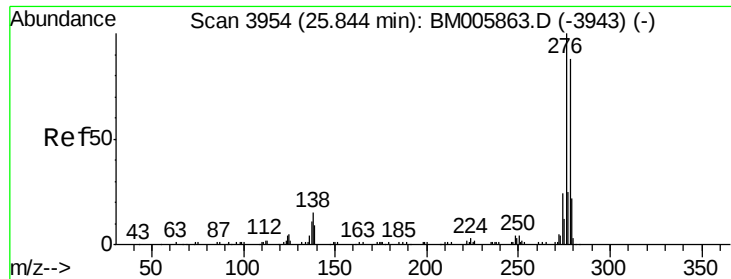
Delta R.T. 0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Tgt Ion:	276	Resp:	152280
Ion Ratio	Lower	Upper	
276	100		
138	12.2	11.9	17.9
277	24.0	21.0	31.6





#40

Dibenzo(a,h)anthracene

Concen: 4.83 ng/ul m

RT: 25.84 min Scan# 3953

Delta R.T. -0.01 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Instrument :

BNA_M

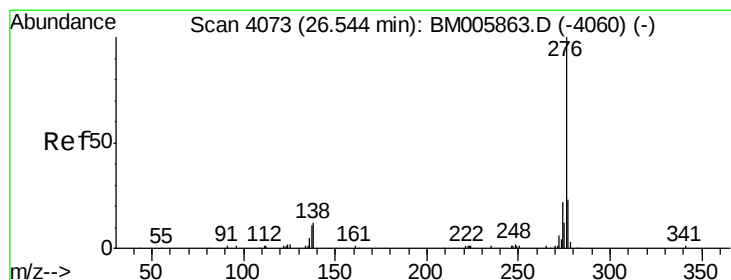
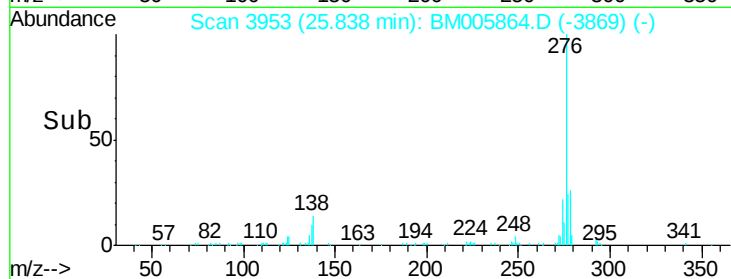
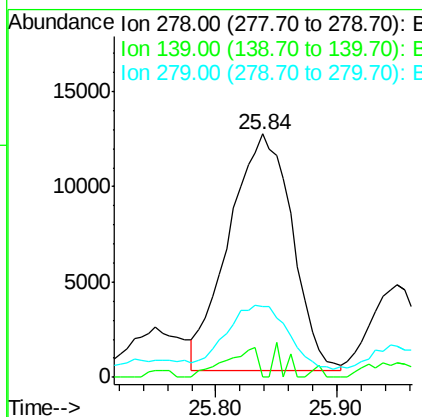
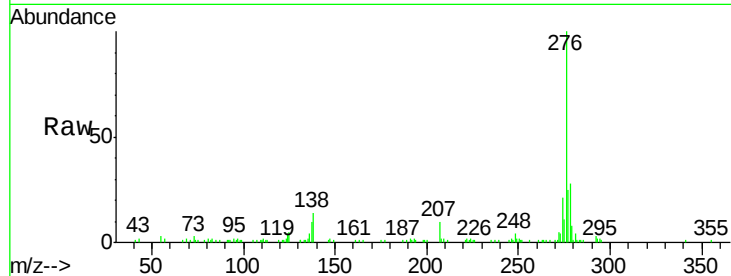
ClientSampleId :

D9Y05

Tgt Ion:	278	Resp:	44964
Ion Ratio	Lower	Upper	
278	100		
139	0.0	8.2	12.4#
279	28.9	18.6	27.8#

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#41

Benzo(g,h,i)perylene

Concen: 13.87 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. 0.02 min

Lab File: BM005864.D

Acq: 17 Jun 2016 16:34

Tgt Ion:	276	Resp:	133787
Ion Ratio	Lower	Upper	
276	100		
138	12.9	10.6	15.8
277	24.7	19.6	29.4

