

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050916\
 Data File : BM005355.D
 Acq On : 09 May 2016 11:58
 Operator : UM/SJ
 Sample : H2888-05 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WW2

Manual Integrations
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Quant Time: May 10 11:18:41 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 04:23:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	74720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	363645	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	226632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	528779	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	584751	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	502579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1031	0.65	ng/uL	0.00
5) Phenol-d5	6.95	99	25592	3.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	16503	4.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	20955	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	12348	2.20	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	9236	3.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	9673	3.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	20846	3.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	14020m	2.13	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	80417	4.43	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	97220	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	3492m	1.05	ng/ul	0.02
57) Fluorene-d10	15.40	176	79685	5.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	5346	1.80	ng/ul	0.00
70) Anthracene-d10	17.26	188	120945	5.17	ng/ul	0.00
76) Pyrene-d10	19.56	212	145785	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	114796	5.16	ng/ul	0.00

Target Compounds

						Ovalue
69) Phenanthrene	17.20	178	55998	2.01	ng/ul	99
74) Fluoranthene	19.22	202	143639	4.66	ng/ul	96
77) Pyrene	19.59	202	138797	4.09	ng/ul	98
80) Benzo(a)anthracene	21.34	228	78793m	2.34	ng/ul	
82) Chrysene	21.39	228	76530	2.40	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	96026	3.27	ng/ul	97
86) Benzo(k)fluoranthene	22.98	252	32077m	1.16	ng/ul	
88) Benzo(a)pyrene	23.53	252	61845	2.23	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.91	276	37358	1.23	ng/ul	94
91) Benzo(g,h,i)perylene	26.62	276	32919m	1.28	ng/ul	

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

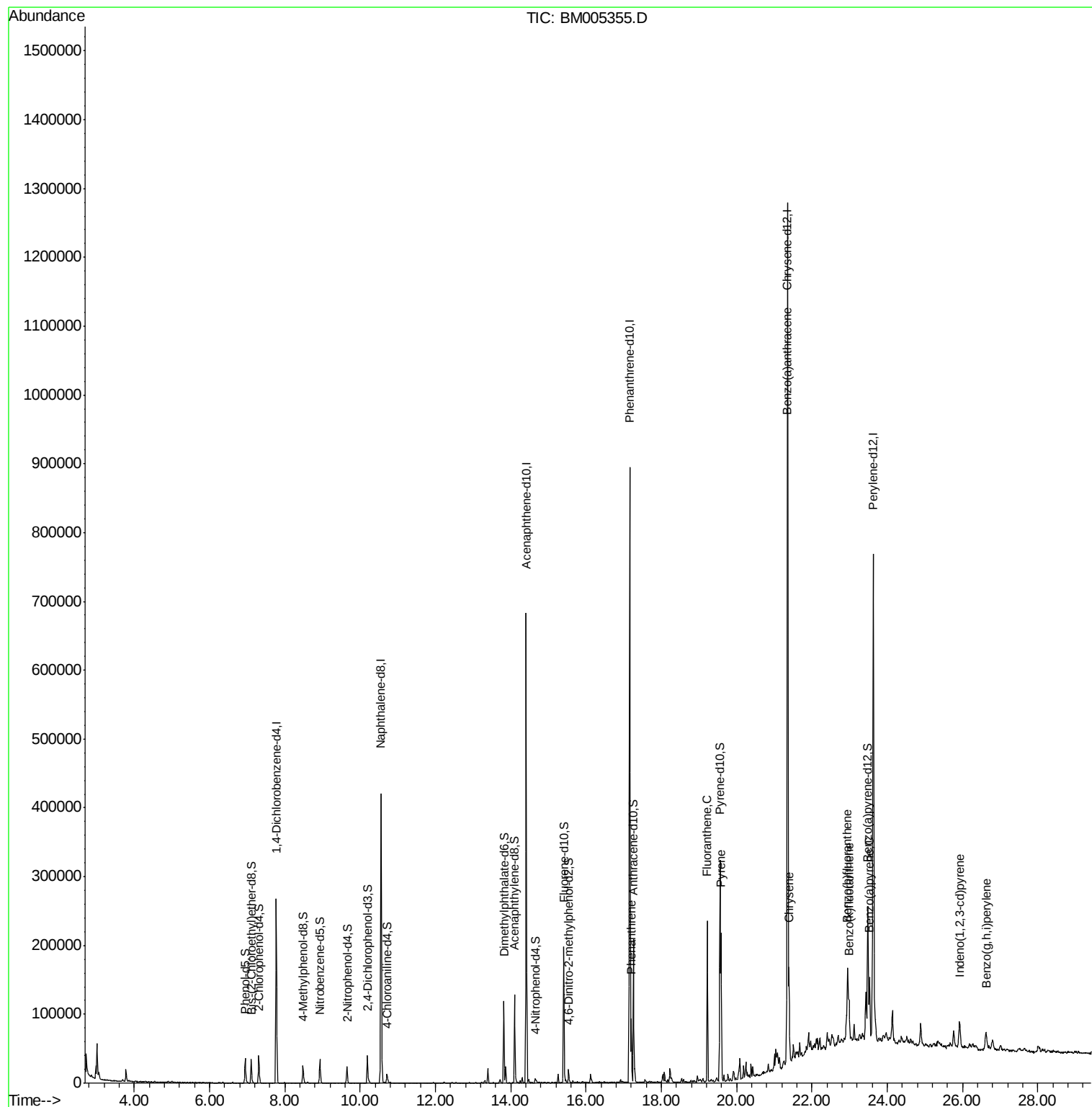
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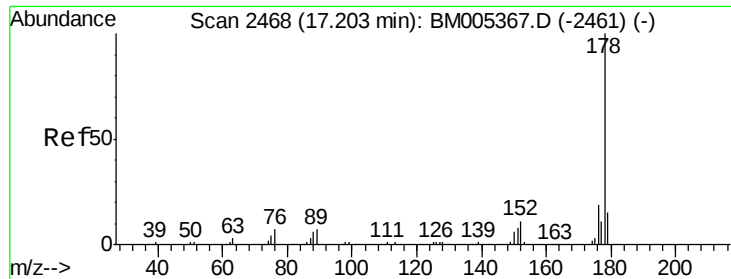
Instrument :
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ClientSampleId :
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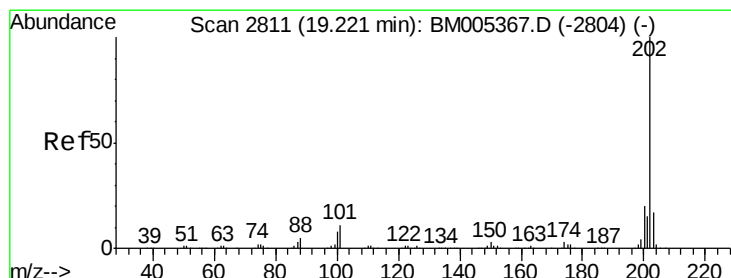
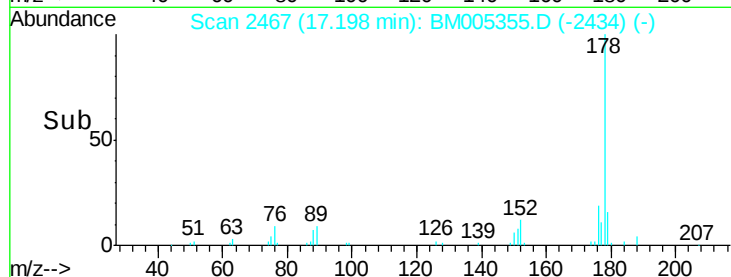
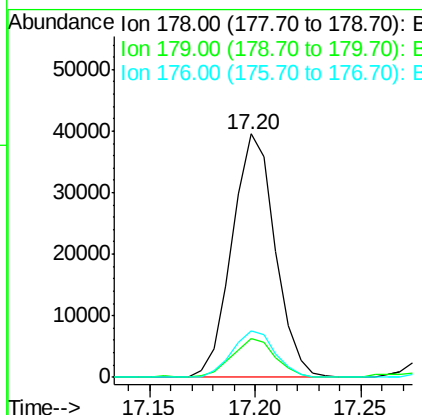
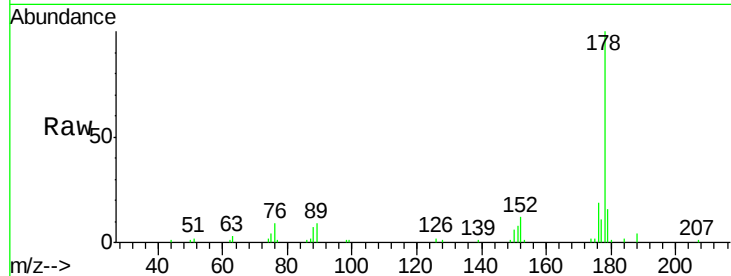
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Phenanthrene
Concen: 2.01 ng/ul
RT: 17.20 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Instrument :
BNA_M
ClientSampled :
D9WW2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.2	15.2	22.8

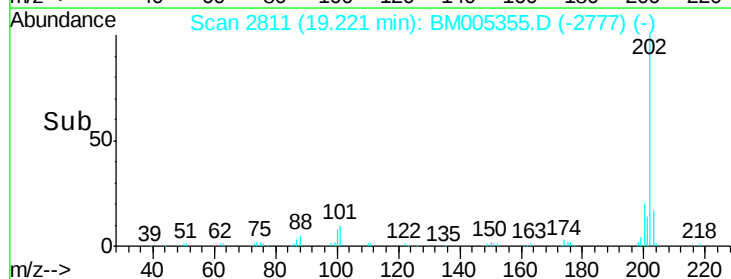
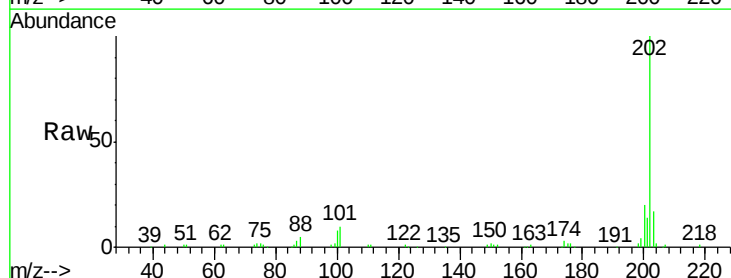
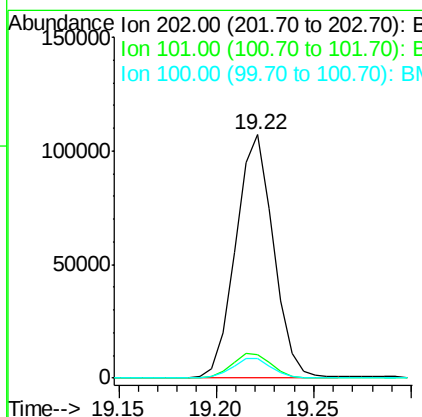
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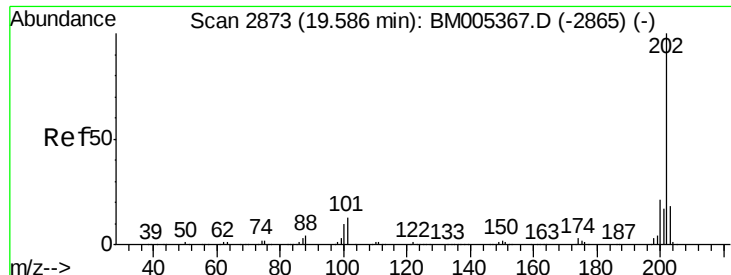
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#74
Fluoranthene
Concen: 4.66 ng/ul
RT: 19.22 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.2	13.8
100	8.1	7.1	10.7





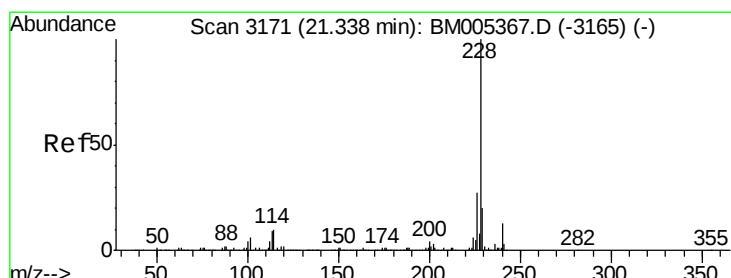
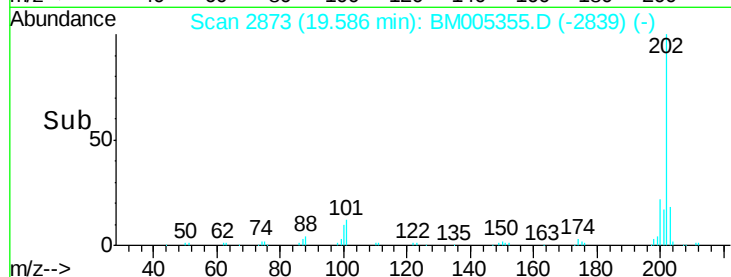
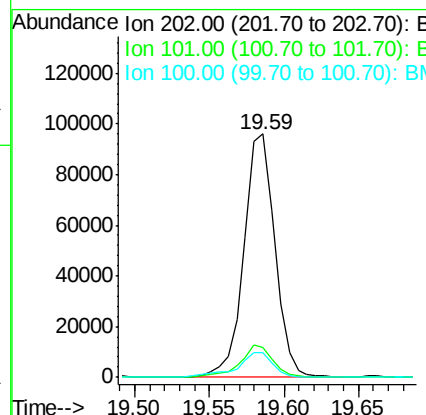
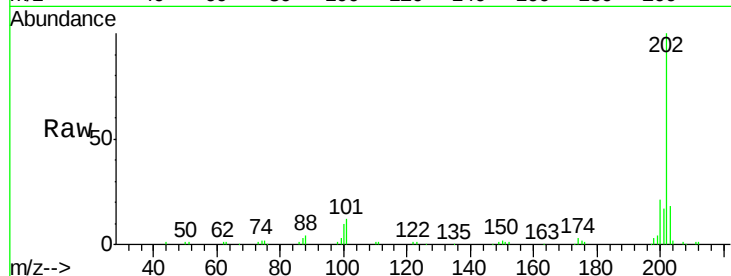
#77
Pvrene
Concen: 4.09 ng/ul
RT: 19.59 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9WW2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	10.8	16.2
100	10.4	8.4	12.6

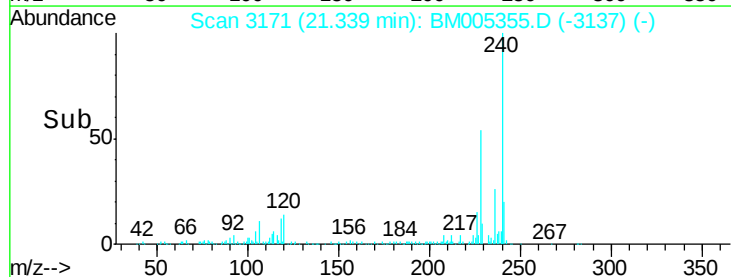
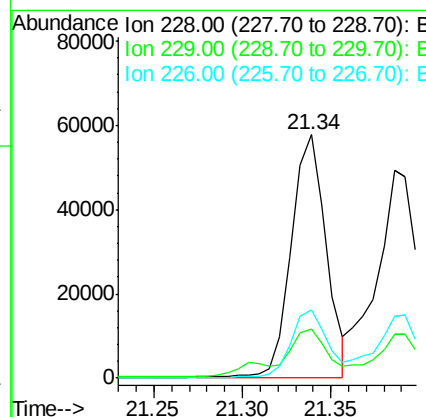
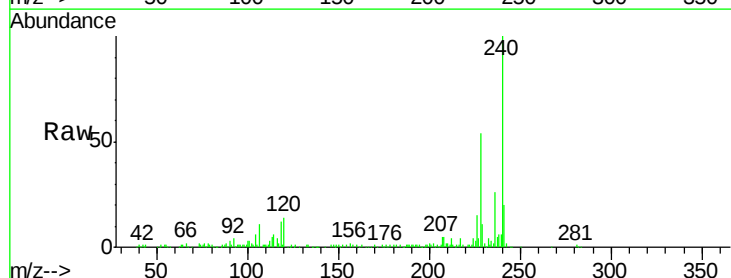
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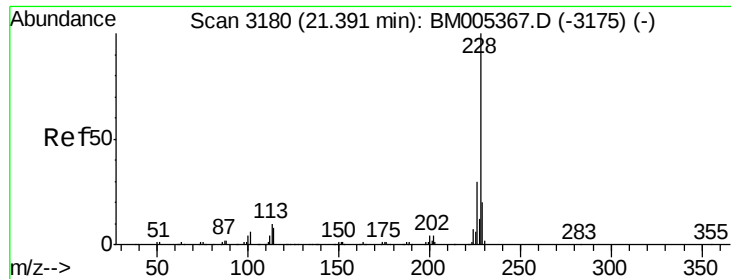
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#80
Benzo(a)anthracene
Concen: 2.34 ng/ul m
RT: 21.34 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.5	23.3
226	28.0	21.8	32.8





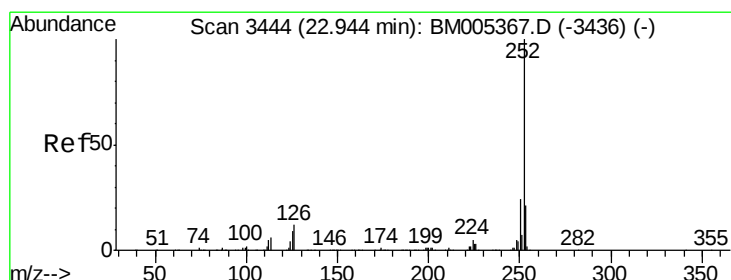
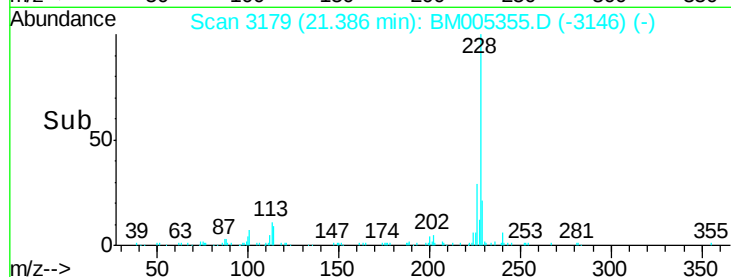
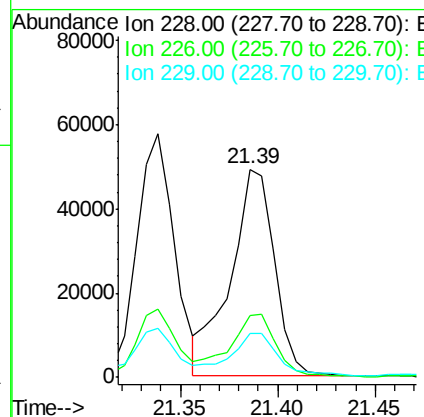
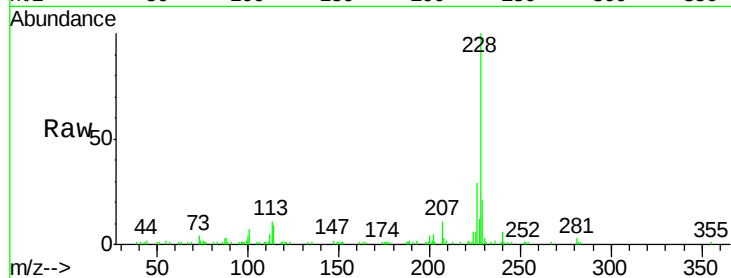
#82
Chrysene
Concen: 2.40 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Instrument :
BNA_M
ClientSampleId :
D9WW2

Tot Ion:	228	Resp:	76530
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.6	35.4
229	21.0	15.4	23.0

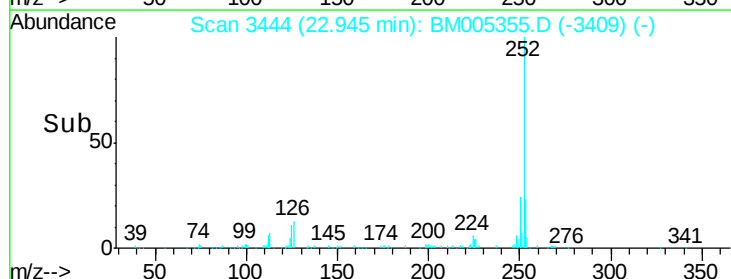
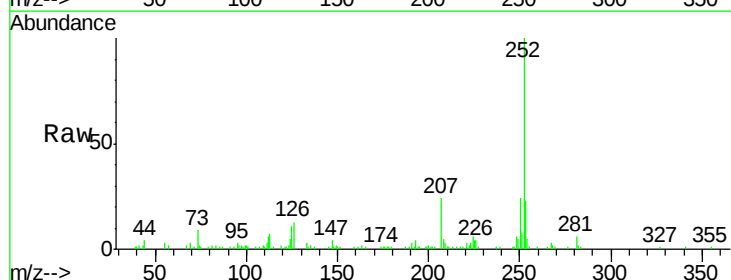
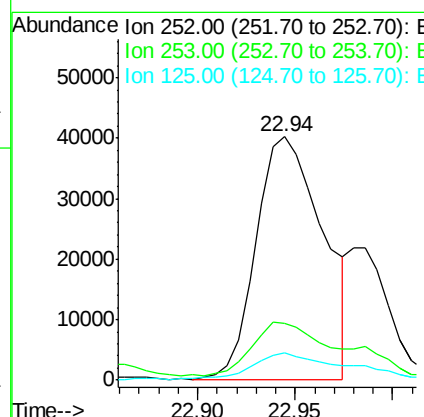
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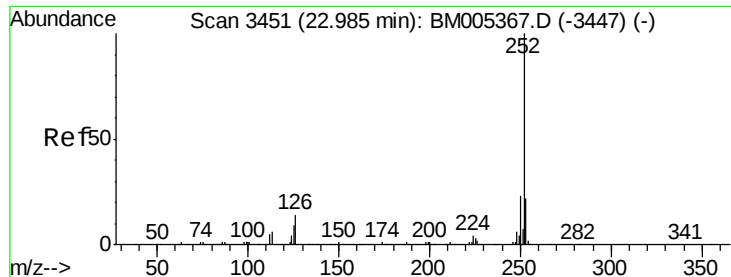
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#85
Benzo(b)fluoranthene
Concen: 3.27 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Tgt Ion:	252	Resp:	96026
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	11.1	8.4	12.6





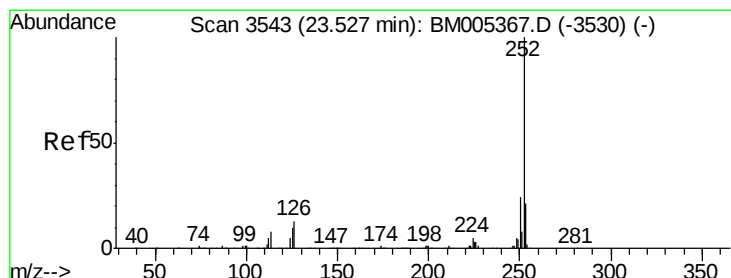
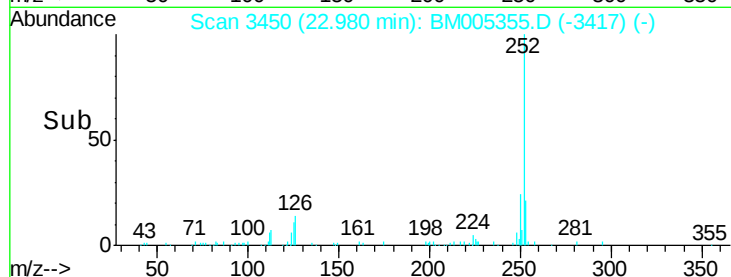
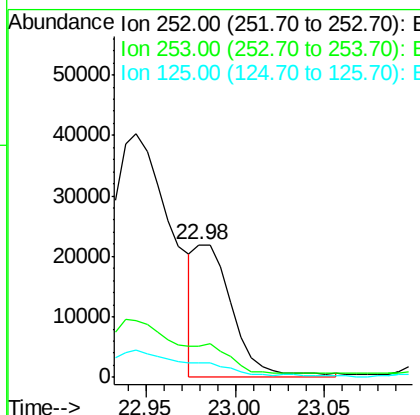
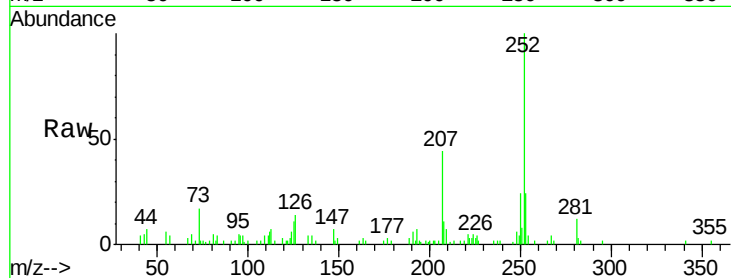
#86
Benzo(k)fluoranthene
Concen: 1.16 ng/ul m
RT: 22.98 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Instrument :
BNA_M
ClientSampled :
D9WW2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.0	8.0	12.0

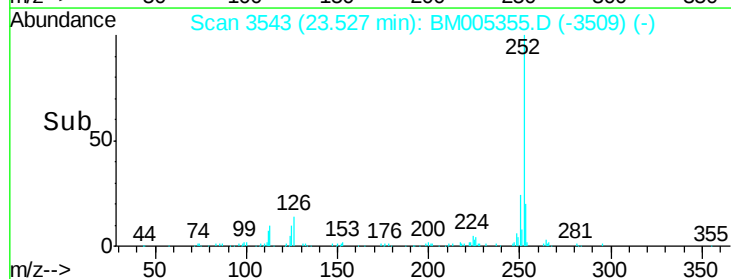
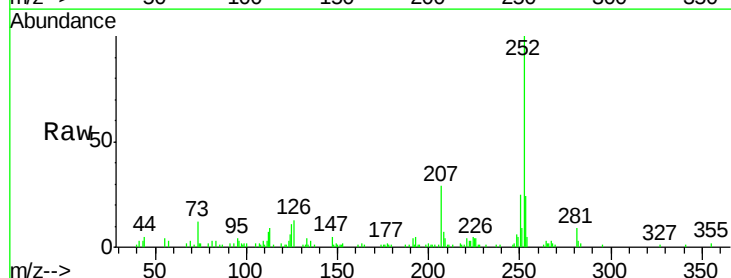
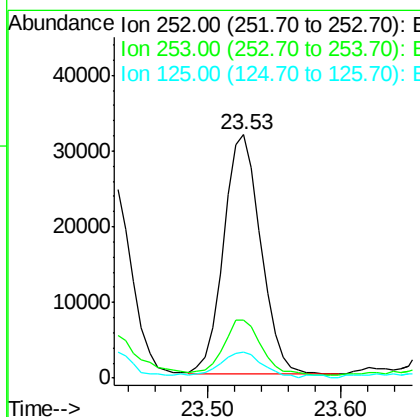
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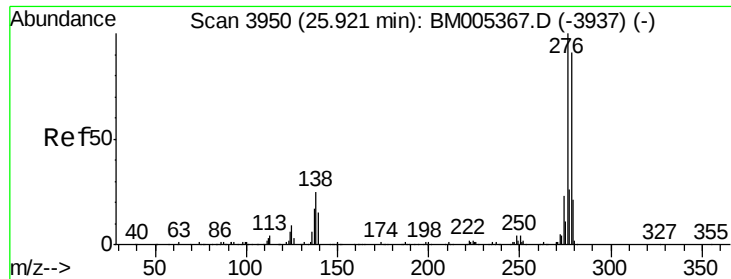
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#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 23.53 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BM005355.D
Acq: 09 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.6	8.7	13.1





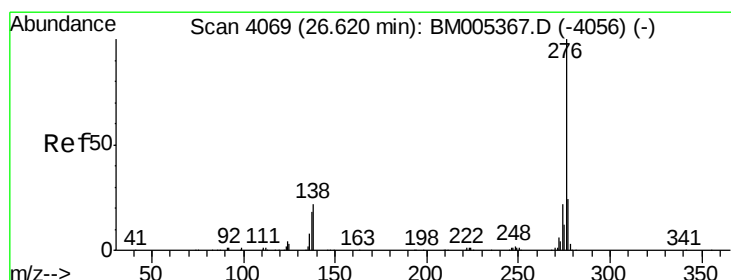
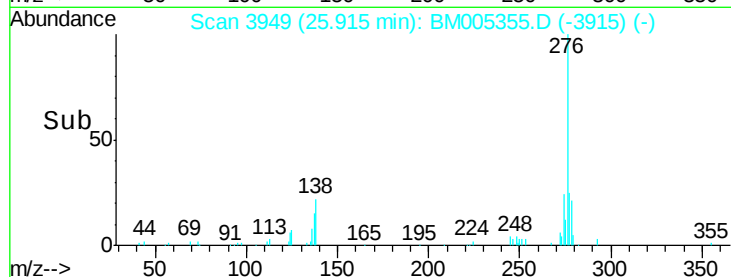
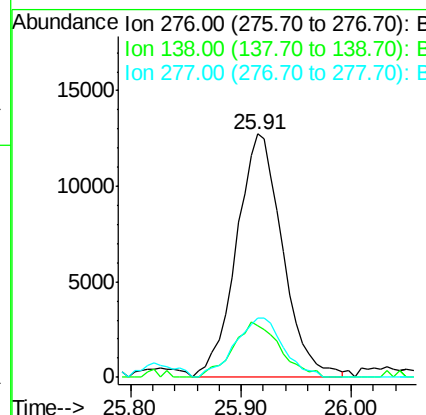
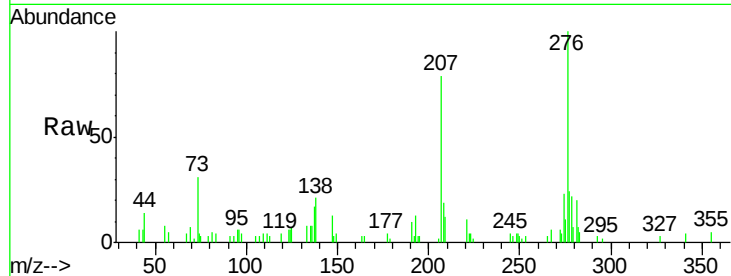
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.23 ng/ul
 RT: 25.91 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: BM005355.D
 Acq: 09 May 2016 11:58

Instrument :
 BNA_M
 ClientSampleId :
 D9WW2

Tot Ion:	276	Resp:	37358
Ion Ratio	Lower	Upper	
276	100		
138	21.3	21.0	31.6
277	24.3	19.9	29.9

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 1.28 ng/ul m
 RT: 26.62 min Scan# 4069
 Delta R.T. 0.00 min
 Lab File: BM005355.D
 Acq: 09 May 2016 11:58

Tgt Ion:	276	Resp:	32919
Ion Ratio	Lower	Upper	
276	100		
138	22.4	18.2	27.4
277	24.3	19.4	29.2

