

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040616\
 Data File : BM004910.D
 Acq On : 06 Apr 2016 18:27
 Operator : UM/SJ
 Sample : H1940-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SH7

Manual Integrations
 APPROVED

Sohil
 4/7/2016 5:59:42 PM

Quant Time: Apr 07 05:31:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 04:29:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	50010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	227922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	141910	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	339301	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	422170	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	374306	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	3340	2.70	ng/uL	0.00
5) Phenol-d5	6.98	99	87557	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	46581	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	67690	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	72054	19.31	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	30644	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	35097	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	71759	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	71722	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	238418	21.30	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	287023	21.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	34494	15.58	ng/ul	0.00
58) Fluorene-d10	15.45	176	216519	22.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	31140	15.32	ng/ul	0.00
71) Anthracene-d10	17.30	188	345070	22.73	ng/ul	0.00
79) Pyrene-d10	19.60	212	416956	22.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	381634	23.01	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	13.91	163	44582	3.91	ng/ul	99
70) Phenanthrene	17.24	178	73850	3.95	ng/ul	98
77) Fluoranthene	19.26	202	277990	13.37	ng/ul	99
80) Pyrene	19.62	202	225519	9.33	ng/ul	99
83) Benzo(a)anthracene	21.37	228	104487	4.32	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	20322	1.39	ng/ul#	99
85) Chrysene	21.42	228	140337	6.11	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	186713	8.70	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	54937m	2.67	ng/ul	
91) Benzo(a)pyrene	23.58	252	97944	4.71	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.00	276	57467	2.32	ng/ul#	91
94) Benzo(g,h,i)perylene	26.71	276	55231	2.59	ng/ul	97

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

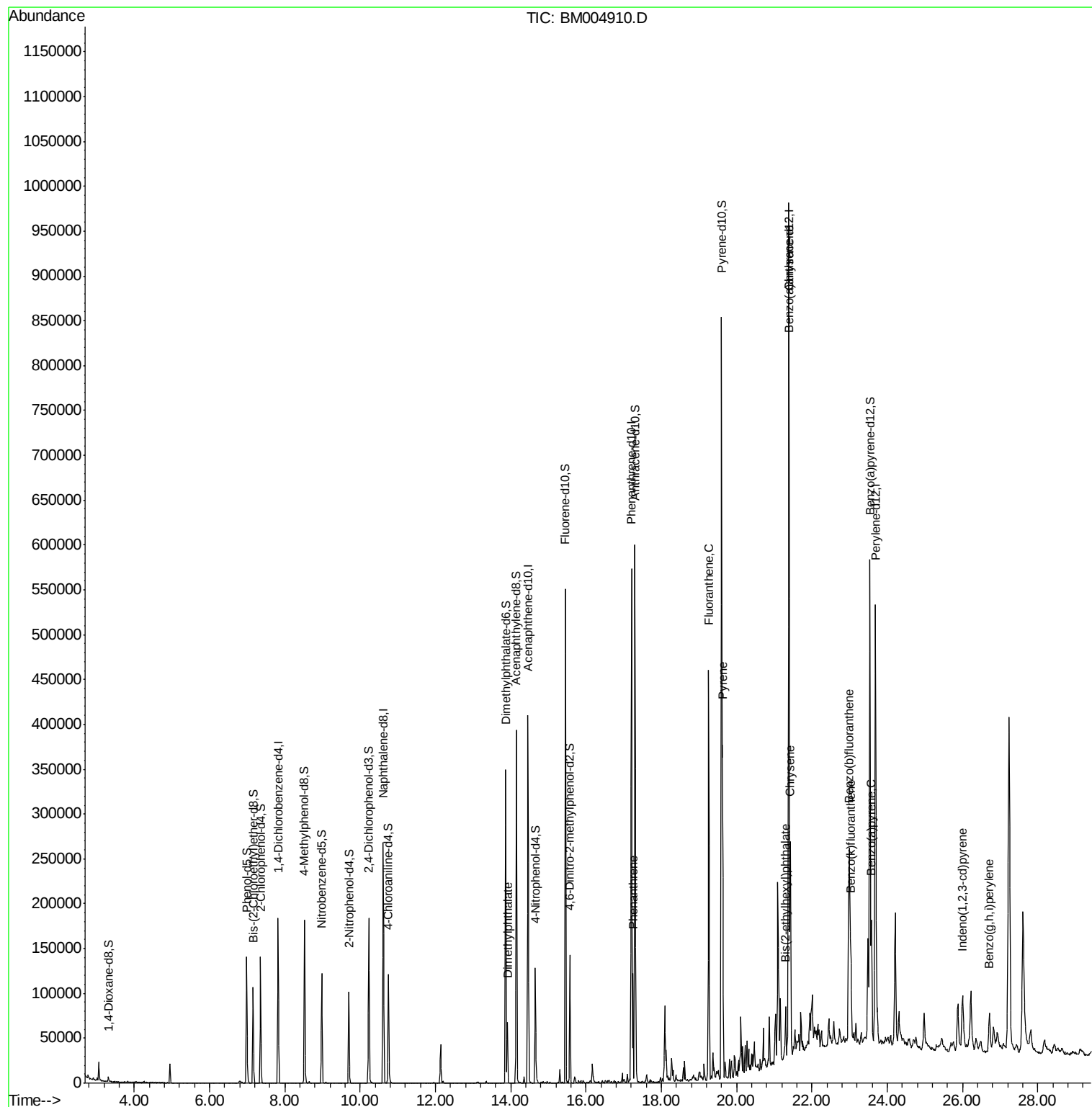
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040616\
Data File : BM004910.D
Acq On : 06 Apr 2016 18:27
Operator : UM/SJ
Sample : H1940-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

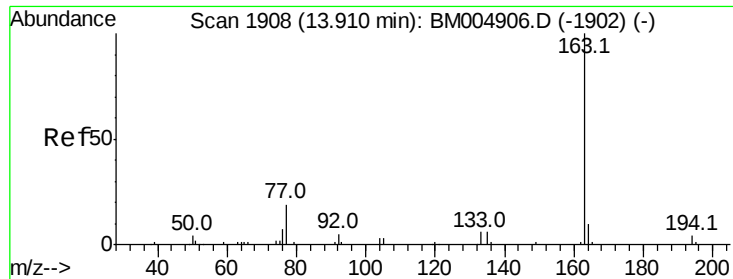
Instrument :
BNA_M
ClientSampleId :
D9SH7

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Quant Time: Apr 07 05:31:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 04:29:45 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.91 ng/ul

RT: 13.91 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

Instrument :

BNA_M

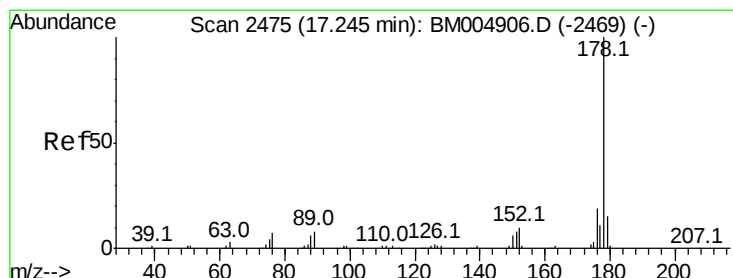
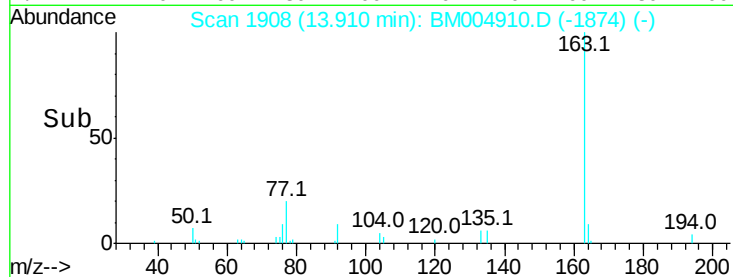
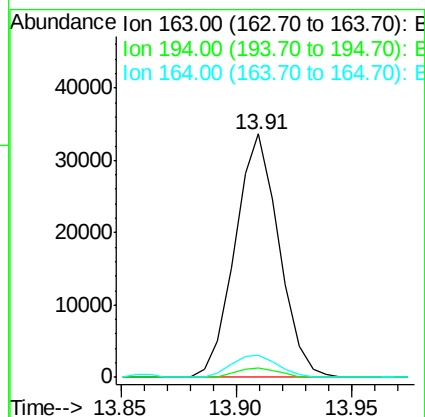
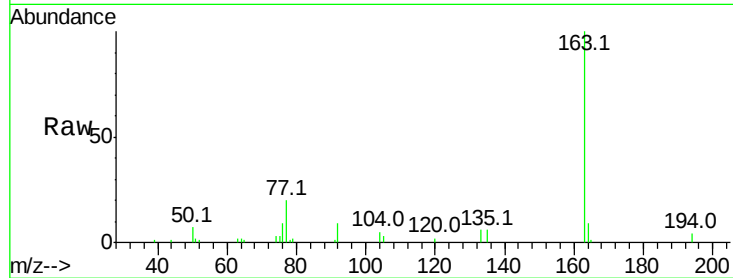
ClientSampleId :

D9SH7

Tot Ion:	163	Resp:	44582
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	9.3	7.8	11.8

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#70

Phenanthrene

Concen: 3.95 ng/ul

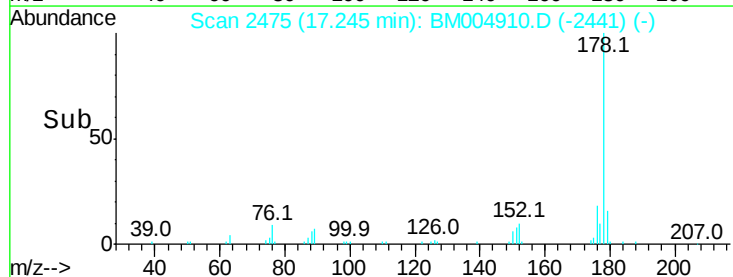
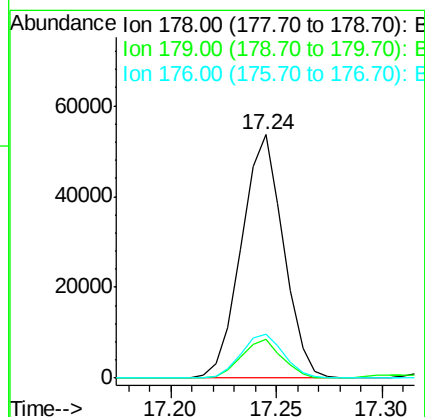
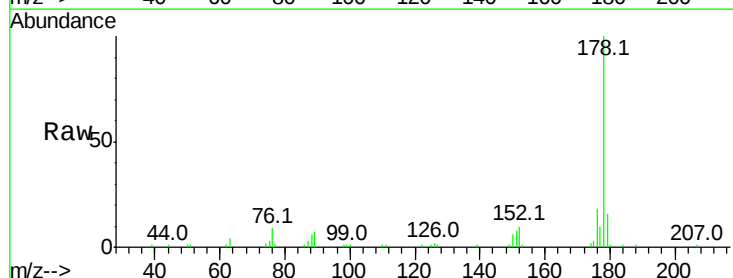
RT: 17.24 min Scan# 2475

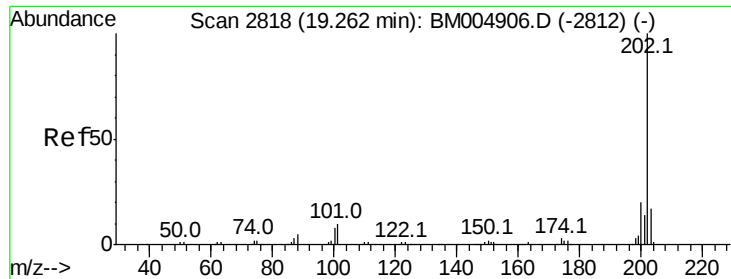
Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

Tgt Ion:	178	Resp:	73850
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	18.2	15.6	23.4





#77

Fluoranthene

Concen: 13.37 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

Instrument :

BNA_M

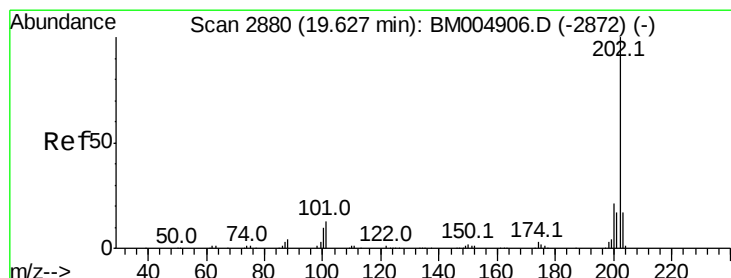
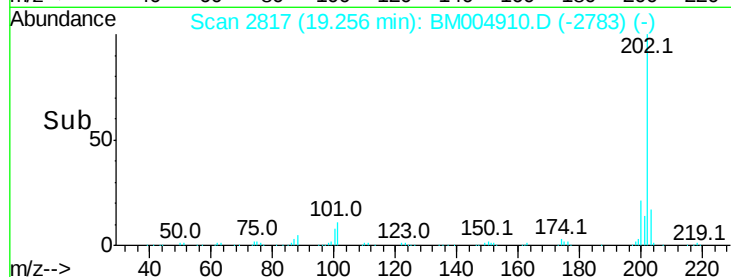
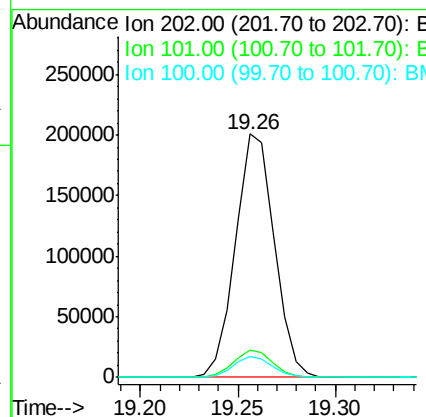
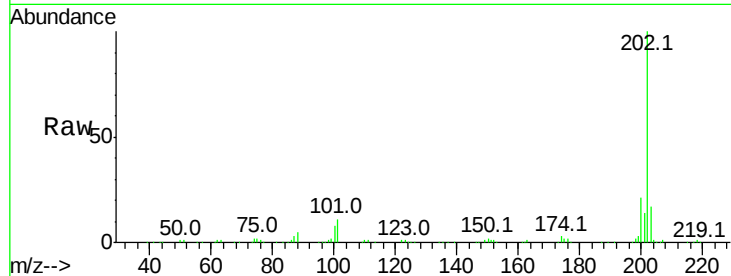
ClientSampleId :

D9SH7

Tot Ion:	202	Resp:	277990
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.8	13.2
100	8.3	6.6	9.8

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#80

Pyrene

Concen: 9.33 ng/ul

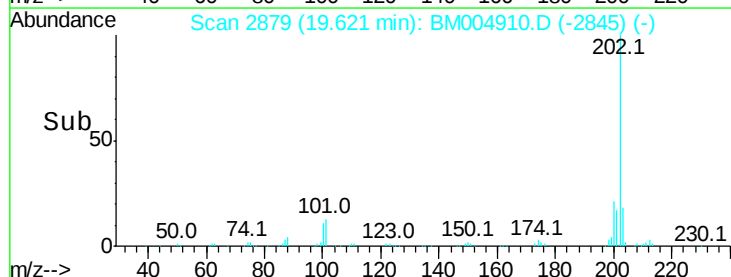
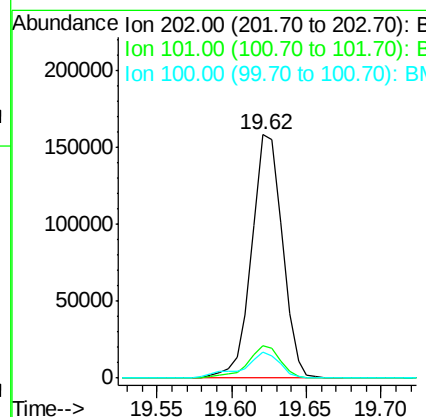
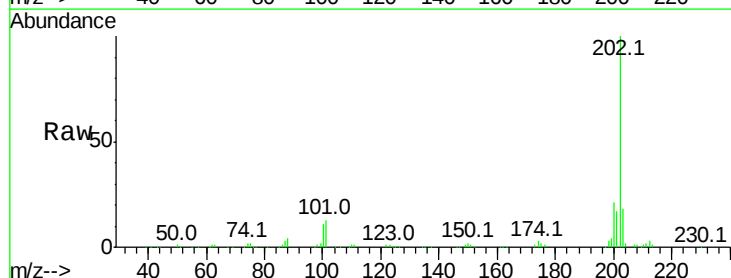
RT: 19.62 min Scan# 2879

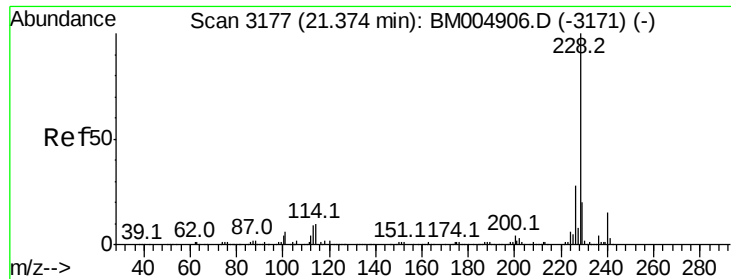
Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

Tgt Ion:	202	Resp:	225519
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.2	15.2
100	10.8	8.5	12.7





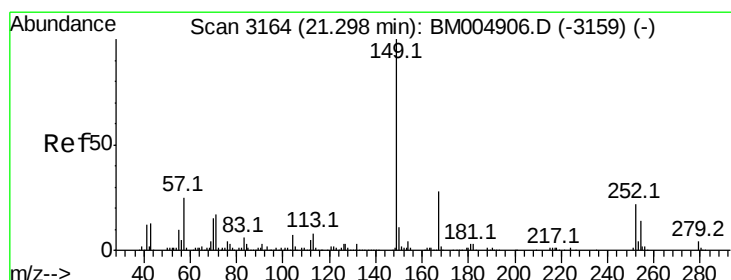
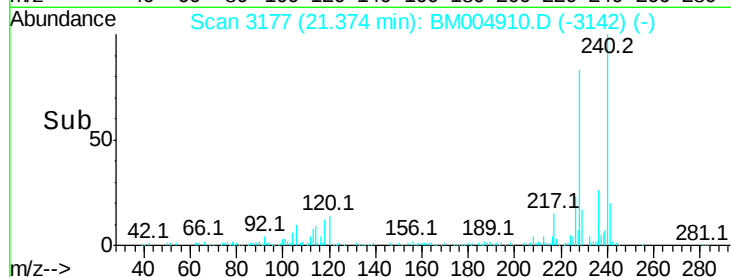
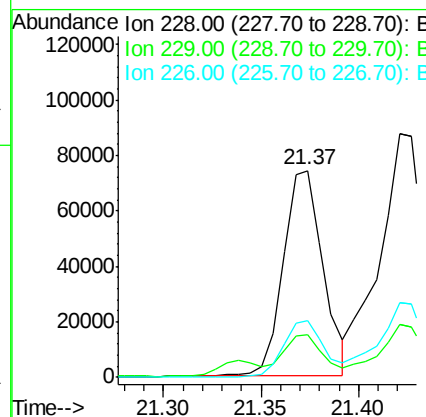
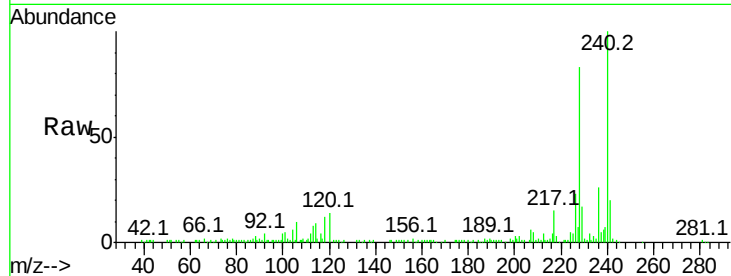
#83
 Benzo(a)anthracene
 Concen: 4.32 ng/ul
 RT: 21.37 min Scan# 3177
 Delta R.T. 0.01 min
 Lab File: BM004910.D
 Acq: 06 Apr 2016 18:27

Instrument :
 BNA_M
 ClientSampleId :
 D9SH7

Tot Ion:	228	Resp:	104487
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.7	23.5
226	27.2	21.8	32.6

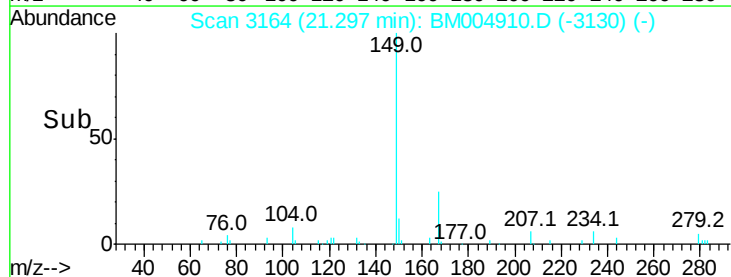
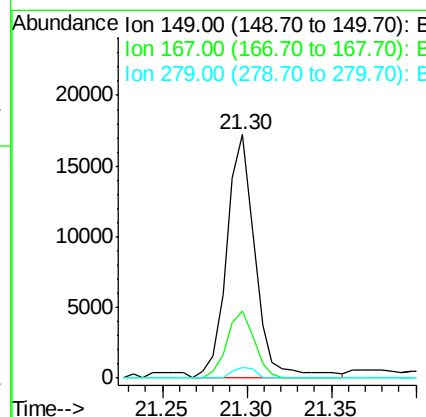
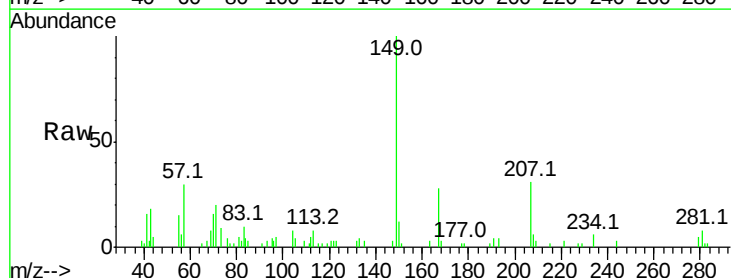
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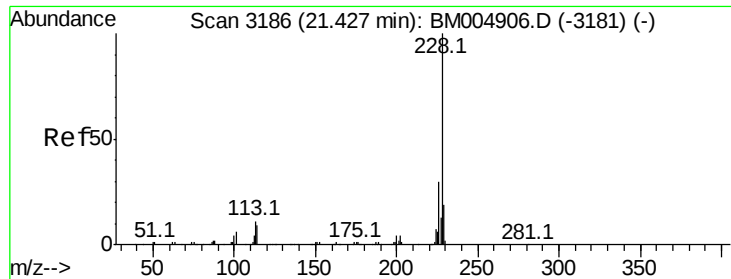
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.39 ng/ul
 RT: 21.30 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BM004910.D
 Acq: 06 Apr 2016 18:27

Tgt Ion:	149	Resp:	20322
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.6	32.4
279	4.6	3.0	4.4#





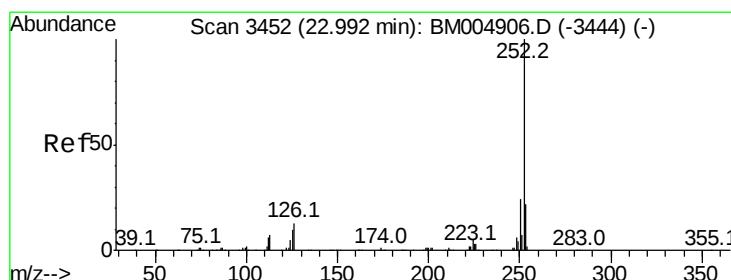
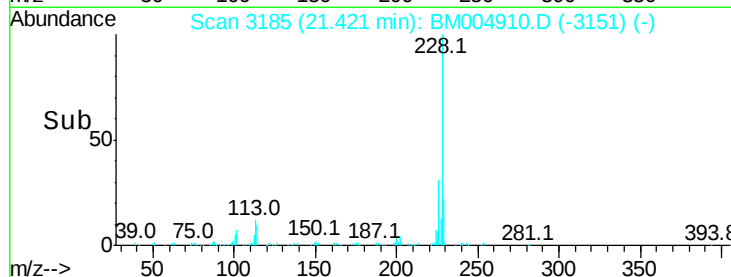
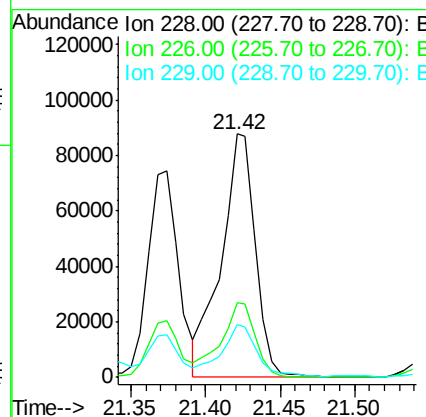
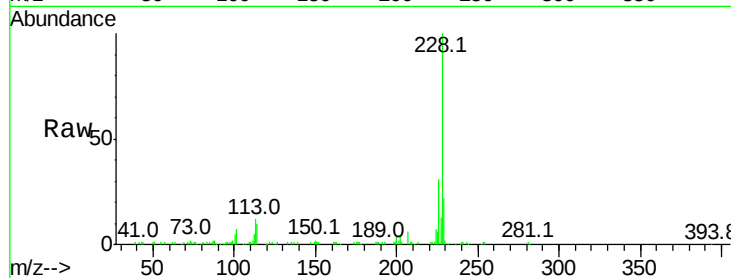
#85
 Chrysene
 Concen: 6.11 ng/ul
 RT: 21.42 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: BM004910.D
 Acq: 06 Apr 2016 18:27

Instrument :
 BNA_M
 ClientSampleId :
 D9SH7

Tot Ion:	228	Resp:	140337
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	21.7	15.6	23.4

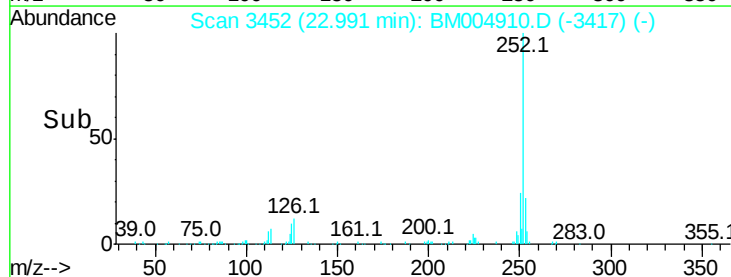
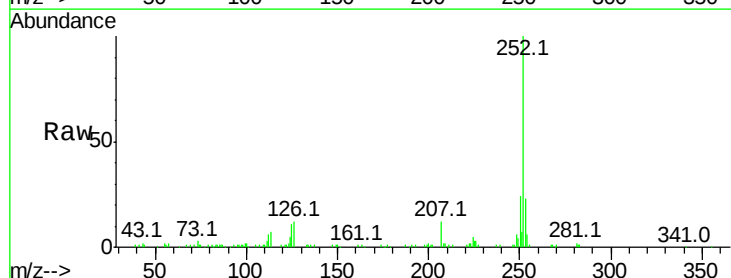
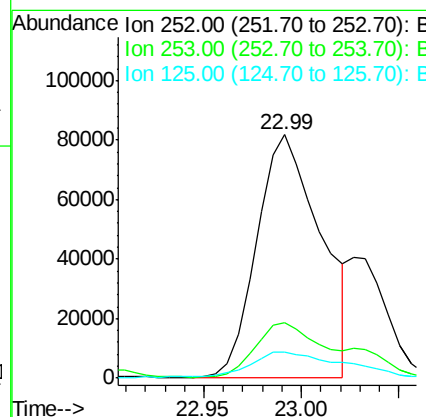
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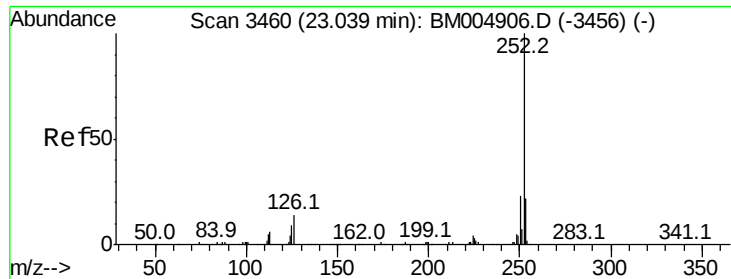
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#88
 Benzo(b)fluoranthene
 Concen: 8.70 ng/ul
 RT: 22.99 min Scan# 3452
 Delta R.T. 0.01 min
 Lab File: BM004910.D
 Acq: 06 Apr 2016 18:27

Tgt Ion:	252	Resp:	186713
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	10.7	8.5	12.7





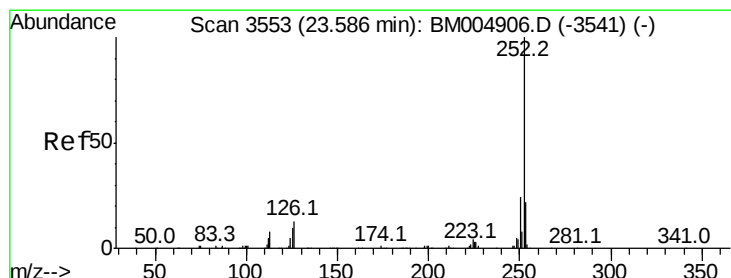
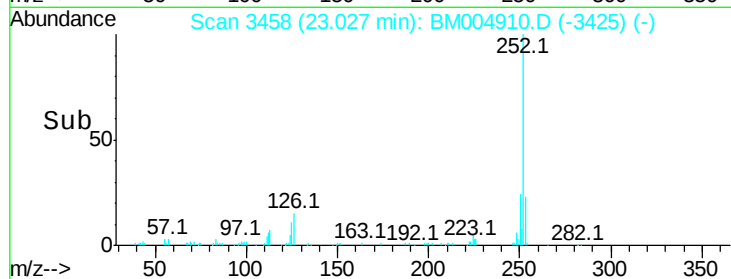
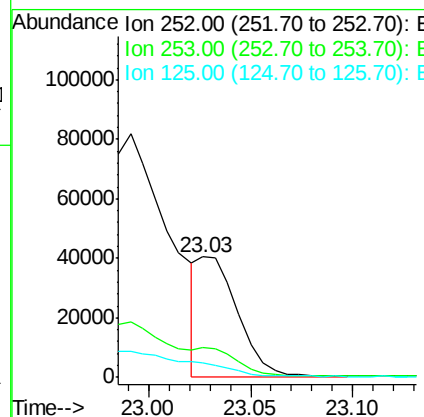
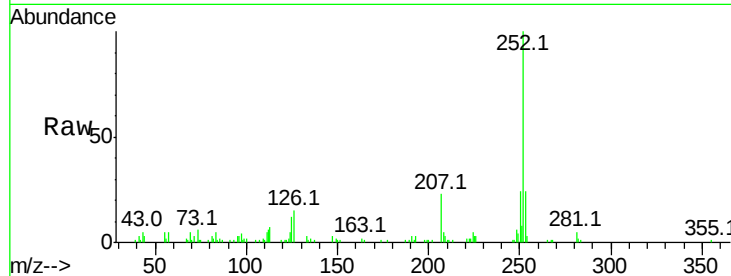
#89
Benzo(k)fluoranthene
Concen: 2.67 ng/ul m
RT: 23.03 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Instrument :
BNA_M
ClientSampled :
D9SH7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	11.7	8.2	12.2

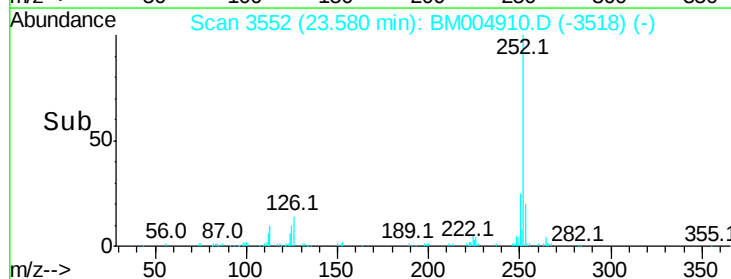
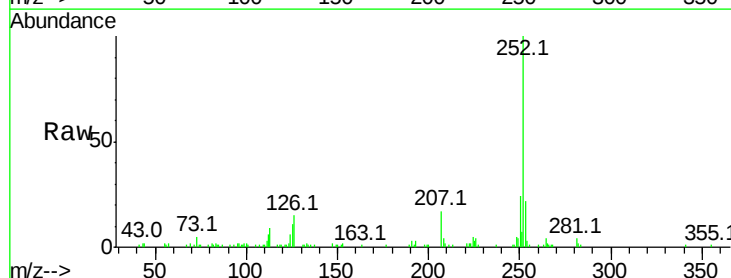
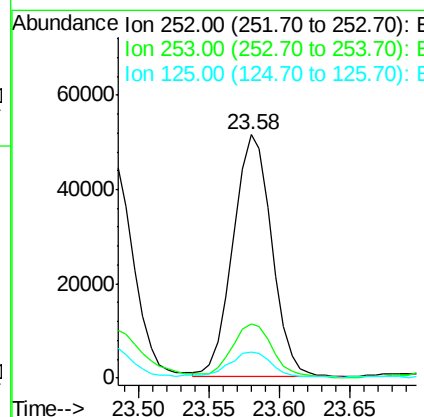
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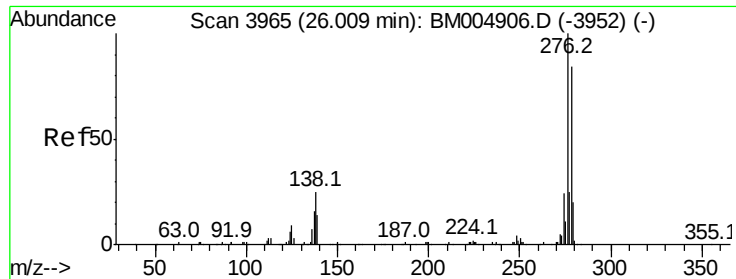
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#91
Benzo(a)pyrene
Concen: 4.71 ng/ul
RT: 23.58 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.9	9.0	13.6





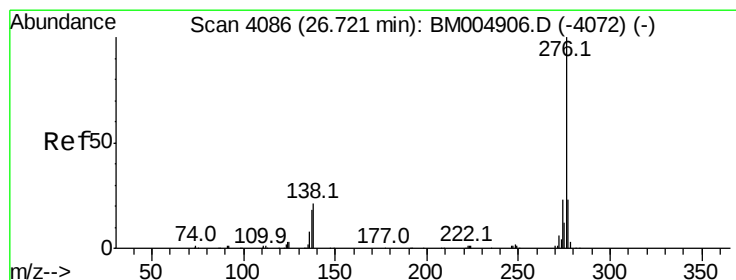
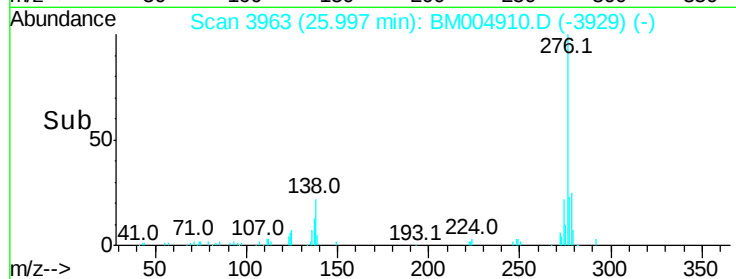
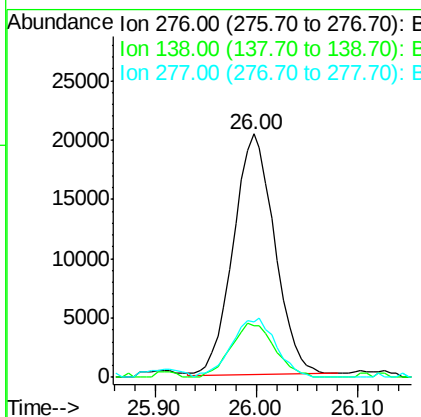
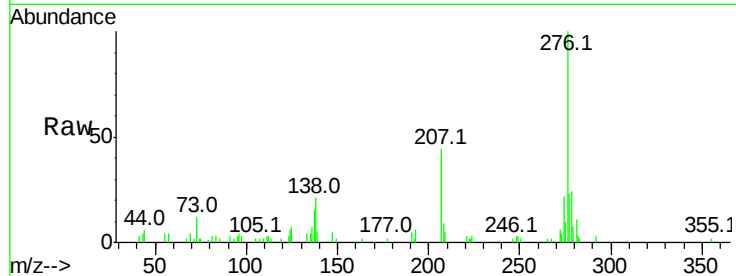
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.32 ng/ul
 RT: 26.00 min Scan# 3963
 Delta R.T. -0.00 min
 Lab File: BM004910.D
 Acq: 06 Apr 2016 18:27

Instrument :
 BNA_M
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 D9SH7

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.3	33.5#
277	22.9	20.2	30.2

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#94
 Benzo(g,h,i)perylene
 Concen: 2.59 ng/ul
 RT: 26.71 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: BM004910.D
 Acq: 06 Apr 2016 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.9	28.3
277	25.4	19.2	28.8

