

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
 Data File : BM003585.D
 Acq On : 16 Dec 2015 19:42
 Operator : UM/IZ
 Sample : G4767-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N31

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:09 PM

Quant Time: Dec 17 07:48:14 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3690	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	14859	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8286	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	17332m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	16101	0.40	ng/ul	-0.01
22) Perylene-d12	23.56	264	18103m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	20304	12.87	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	5675	0.32	ng/ul	-0.01
16) Fluoranthene-d10	19.14	212	11906	0.32	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.55	128	660345	19.73	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	69238	3.08	ng/ul	99
9) Acenaphthylene	14.07	152	16155	0.51	ng/ul#	90
10) Acenaphthene	14.42	153	82792	3.25	ng/ul	91
11) Fluorene	15.41	166	91880	3.25	ng/ul	89
14) Phenanthrene	17.14	178	406472	9.09	ng/ul	93
17) Fluoranthene	19.17	202	86327	1.78	ng/ul	99
19) Pyrene	19.53	202	67743	1.56	ng/ul	98
20) Benzo(a)anthracene	21.29	228	4601	0.12	ng/ul	92
21) Chrysene	21.34	228	4340m	0.10	ng/ul	

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

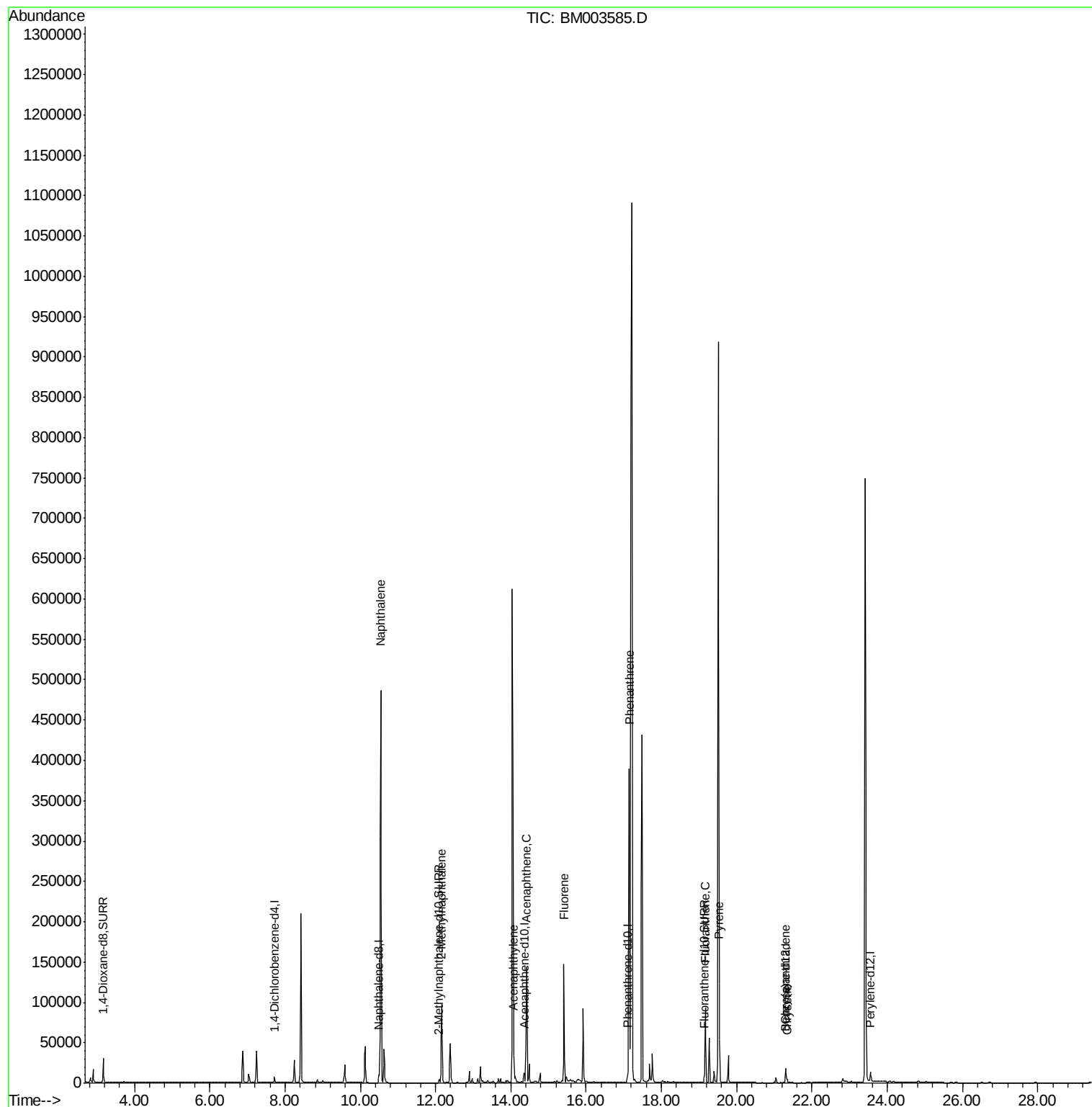
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
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ALS Vial : 12 Sample Multiplier: 1

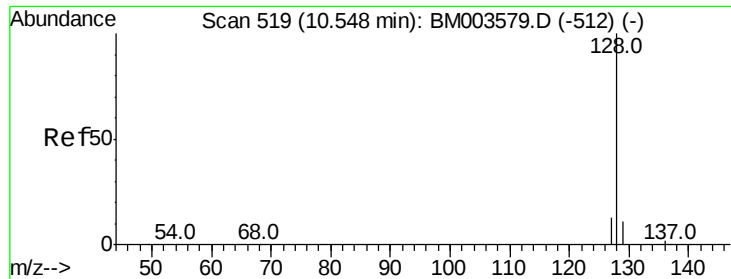
Instrument :
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#5

Naphthalene

Concen: 19.73 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Instrument :

BNA_M

ClientSampleId :

D9N31

Tot Ion:128 Resp: 660345

Ion Ratio Lower Upper

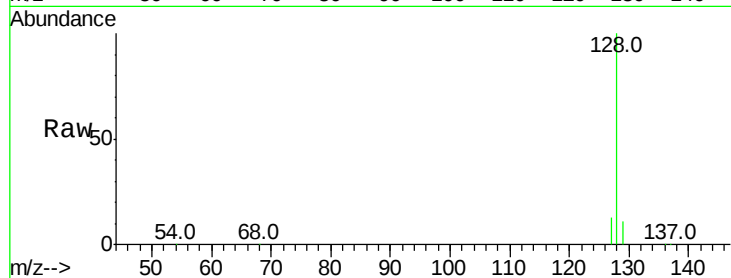
128 100

129 10.9 9.0 13.6

127 12.5 9.6 14.4

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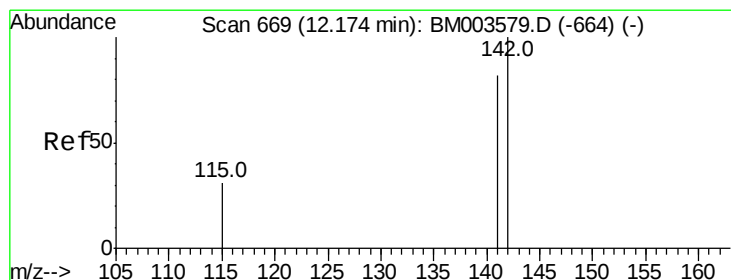
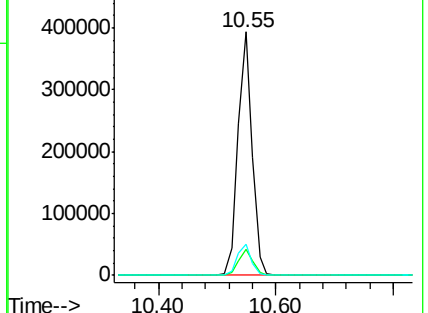
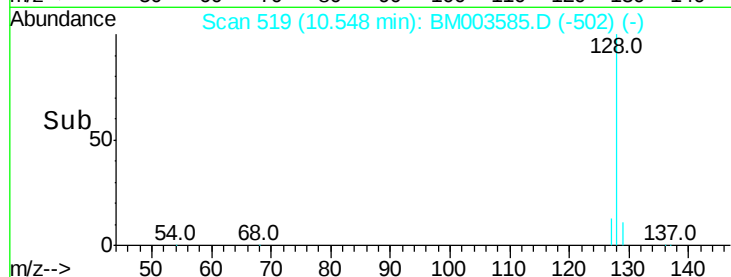
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 3.08 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM003585.D

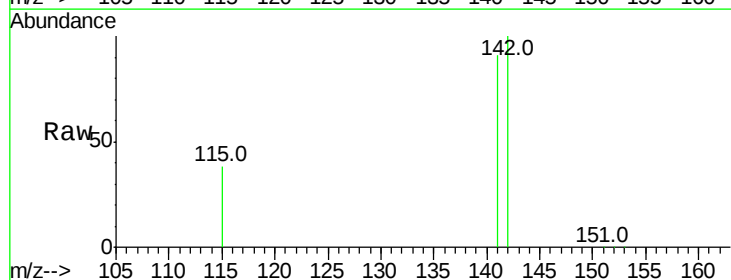
Acq: 16 Dec 2015 19:42

Tgt Ion:142 Resp: 69238

Ion Ratio Lower Upper

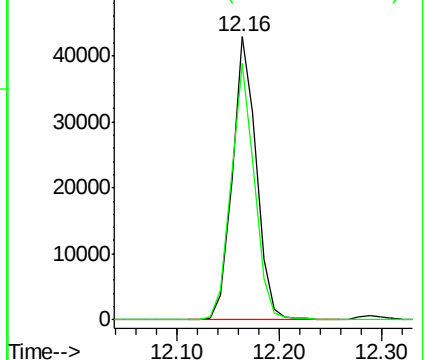
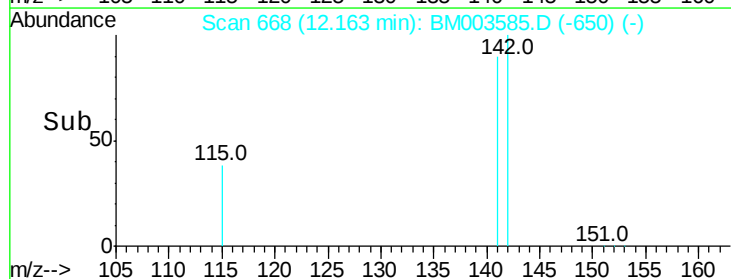
142 100

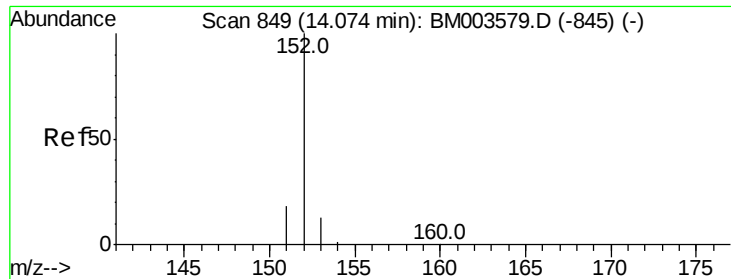
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.51 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Instrument :

BNA_M

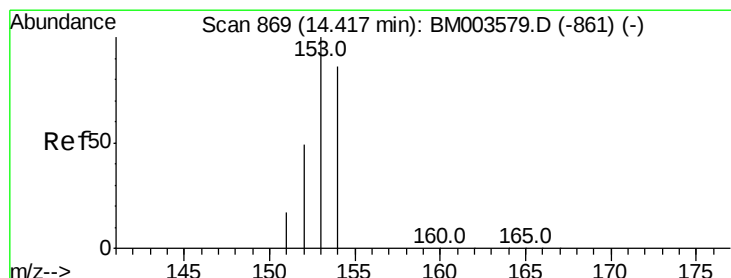
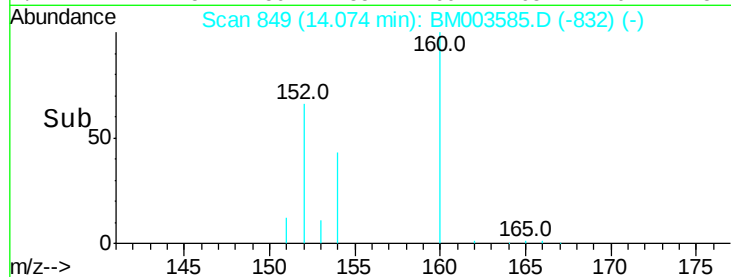
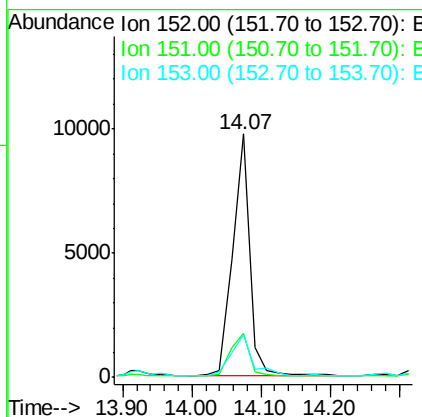
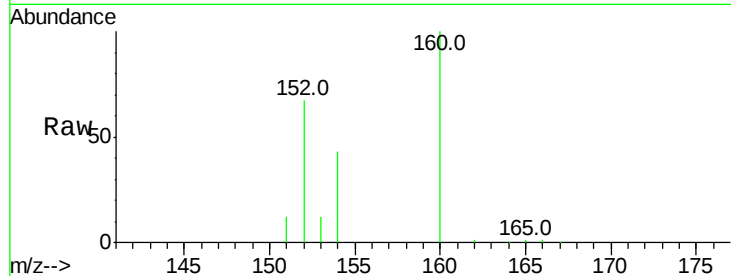
ClientSampleId :

D9N31

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Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	17.6	26.4
153	17.5	9.7	14.5



#10

Acenaphthene

Concen: 3.25 ng/ul

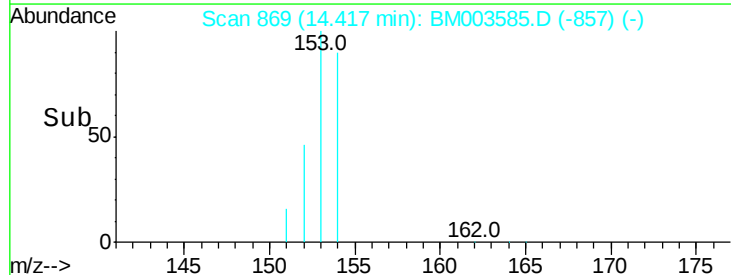
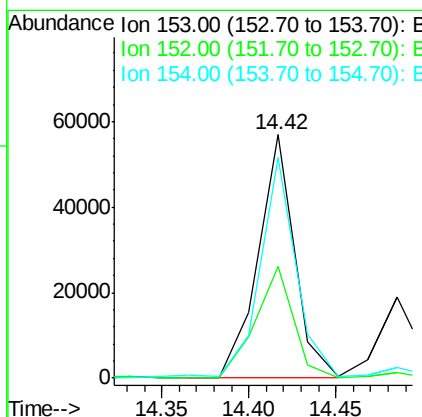
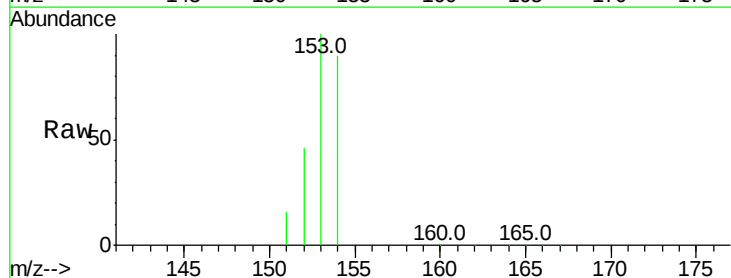
RT: 14.42 min Scan# 869

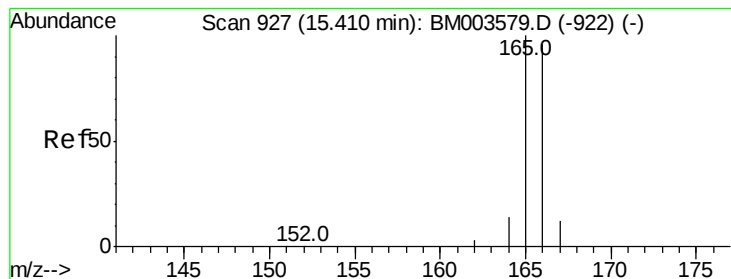
Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	33.9	50.9
154	90.5	80.6	121.0





#11

Fluorene

Concen: 3.25 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Instrument :

BNA_M

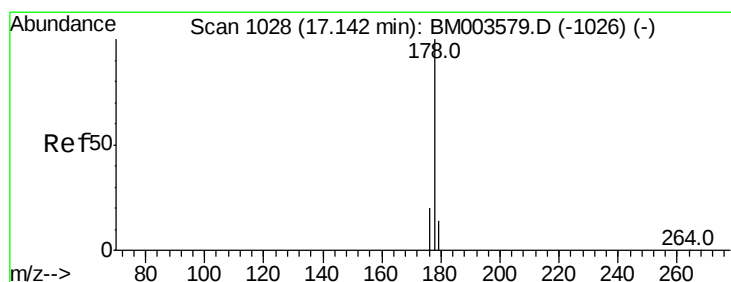
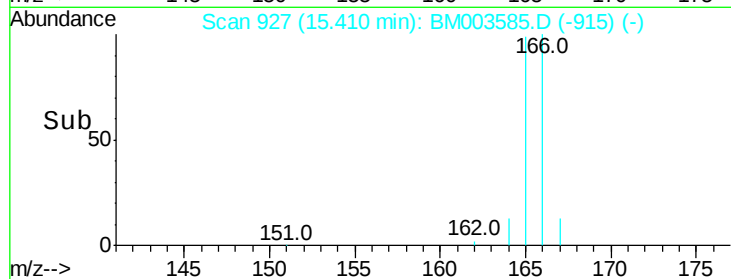
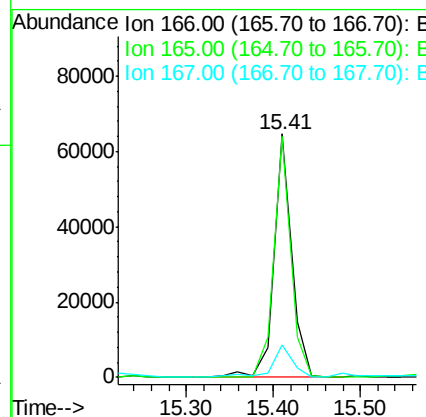
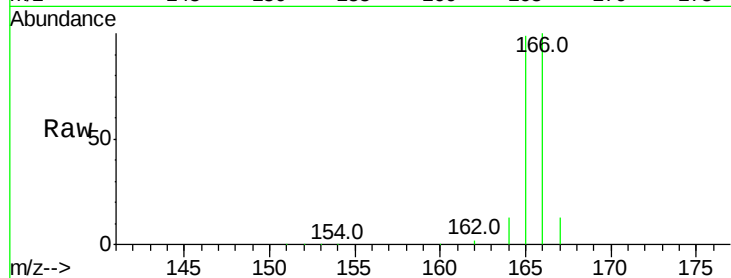
ClientSampleId :

D9N31

Tot Ion:	166	Resp:	91880
Ion Ratio	Lower	Upper	
166	100		
165	98.8	69.6	104.4
167	13.3	11.9	17.9

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#14

Phenanthrene

Concen: 9.09 ng/ul

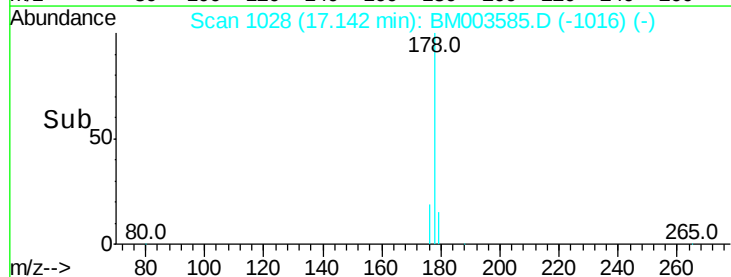
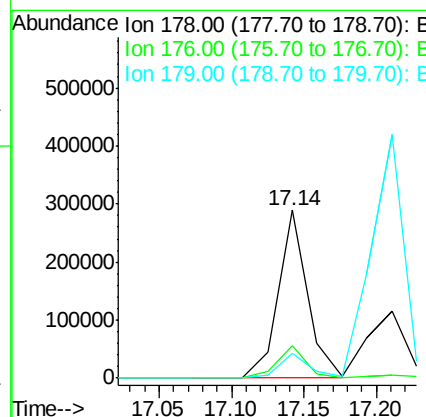
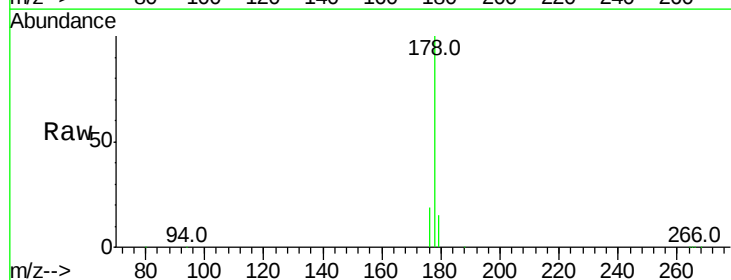
RT: 17.14 min Scan# 1028

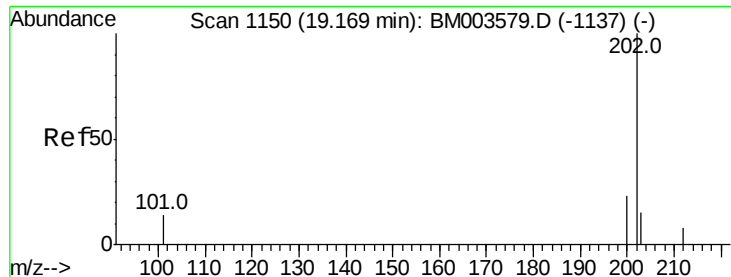
Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Tgt Ion:	178	Resp:	406472
Ion Ratio	Lower	Upper	
178	100		
176	19.3	13.0	19.4
179	14.9	14.2	21.2





#17

Fluoranthene

Concen: 1.78 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Instrument :

BNA_M

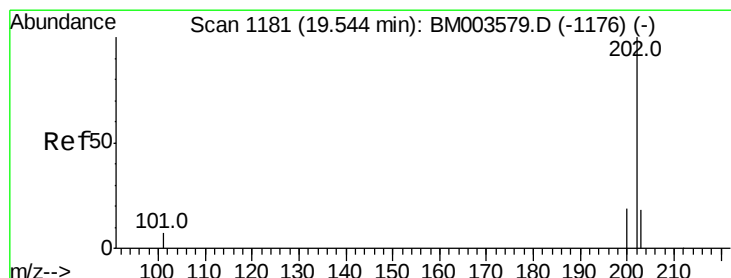
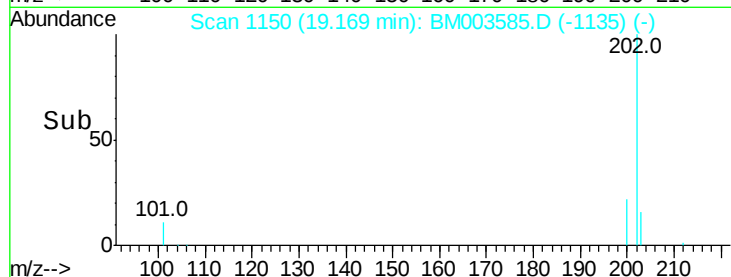
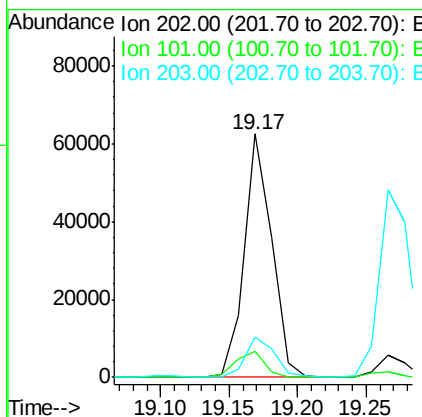
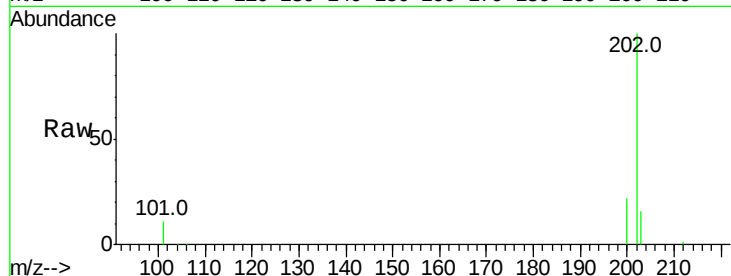
ClientSampleId :

D9N31

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	86327		
101	10.5	0.0	29.6	
203	16.5	0.0	36.3	



#19

Pyrene

Concen: 1.56 ng/ul

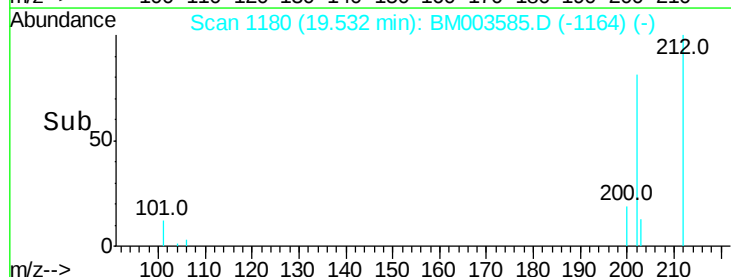
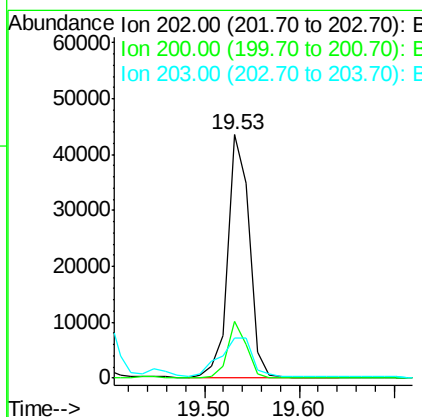
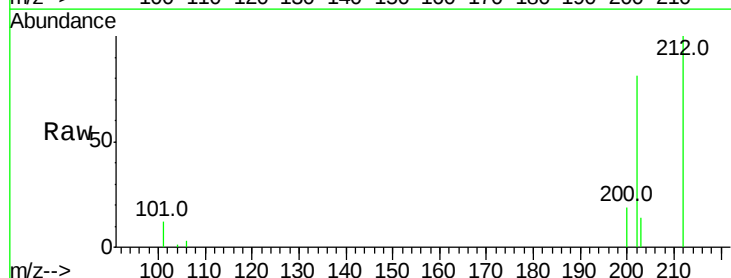
RT: 19.53 min Scan# 1180

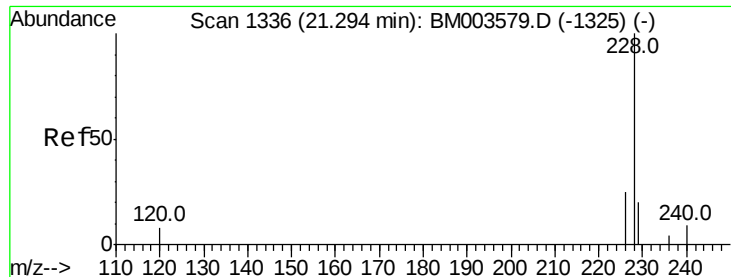
Delta R.T. -0.01 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	67743		
200	23.1	17.8	26.8	
203	16.7	12.8	19.2	





#20

Benzo(a)anthracene

Concen: 0.12 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Instrument :

BNA_M

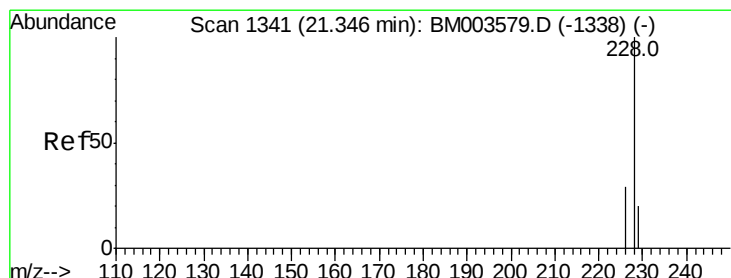
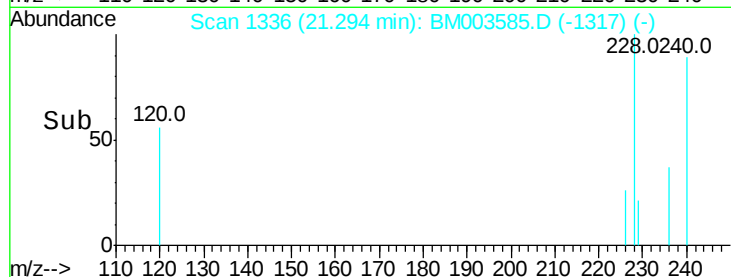
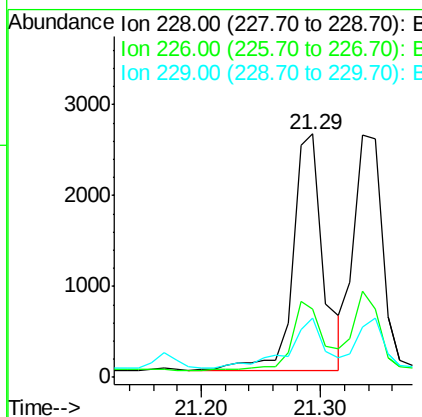
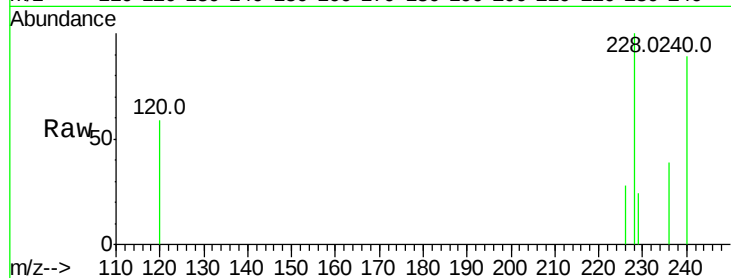
ClientSampleId :

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Tot Ion:	228	Resp:	4601
Ion Ratio	Lower	Upper	
228	100		
226	28.1	18.8	28.2
229	24.5	17.1	25.7

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#21

Chrysene

Concen: 0.10 ng/ul m

RT: 21.34 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BM003585.D

Acq: 16 Dec 2015 19:42

Tgt Ion:	228	Resp:	4340
Ion Ratio	Lower	Upper	
228	100		
226	35.7	21.2	31.8#
229	20.8	17.0	25.6

