

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008572.D
 Acq On : 23 Dec 2016 01:04
 Operator : UM/SJ
 Sample : H5970-16DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA855DL

Manual Integrations
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Quant Time: Dec 23 05:50:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 04:12:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	343	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.45	136	1115	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	667	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	1235	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1265	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	1357	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	80	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.10	212	280m	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.13	142	316	0.15	ng/ul	98
7) Acenaphthylene	14.01	152	263	0.09	ng/ul#	50
8) Acenaphthene	14.35	153	71	0.03	ng/ul#	79
9) Fluorene	15.36	166	151	0.06	ng/ul#	69
12) Phenanthrene	17.09	178	1099	0.29	ng/ul#	90
13) Anthracene	17.19	178	516	0.14	ng/ul#	68
15) Fluoranthene	19.12	202	3127	0.68	ng/ul	97
17) Pyrene	19.48	202	2998	0.61	ng/ul	97
18) Benzo(a)anthracene	21.24	228	2070	0.50	ng/ul#	91
19) Chrysene	21.29	228	2005	0.44	ng/ul#	91
21) Benzo(b)fluoranthene	22.82	252	3831m	0.72	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	987m	0.19	ng/ul	
23) Benzo(a)pyrene	23.38	252	1914	0.39	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.72	276	1464	0.25	ng/ul#	92
26) Benzo(g,h,i)perylene	26.41	276	1435	0.28	ng/ul#	89

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

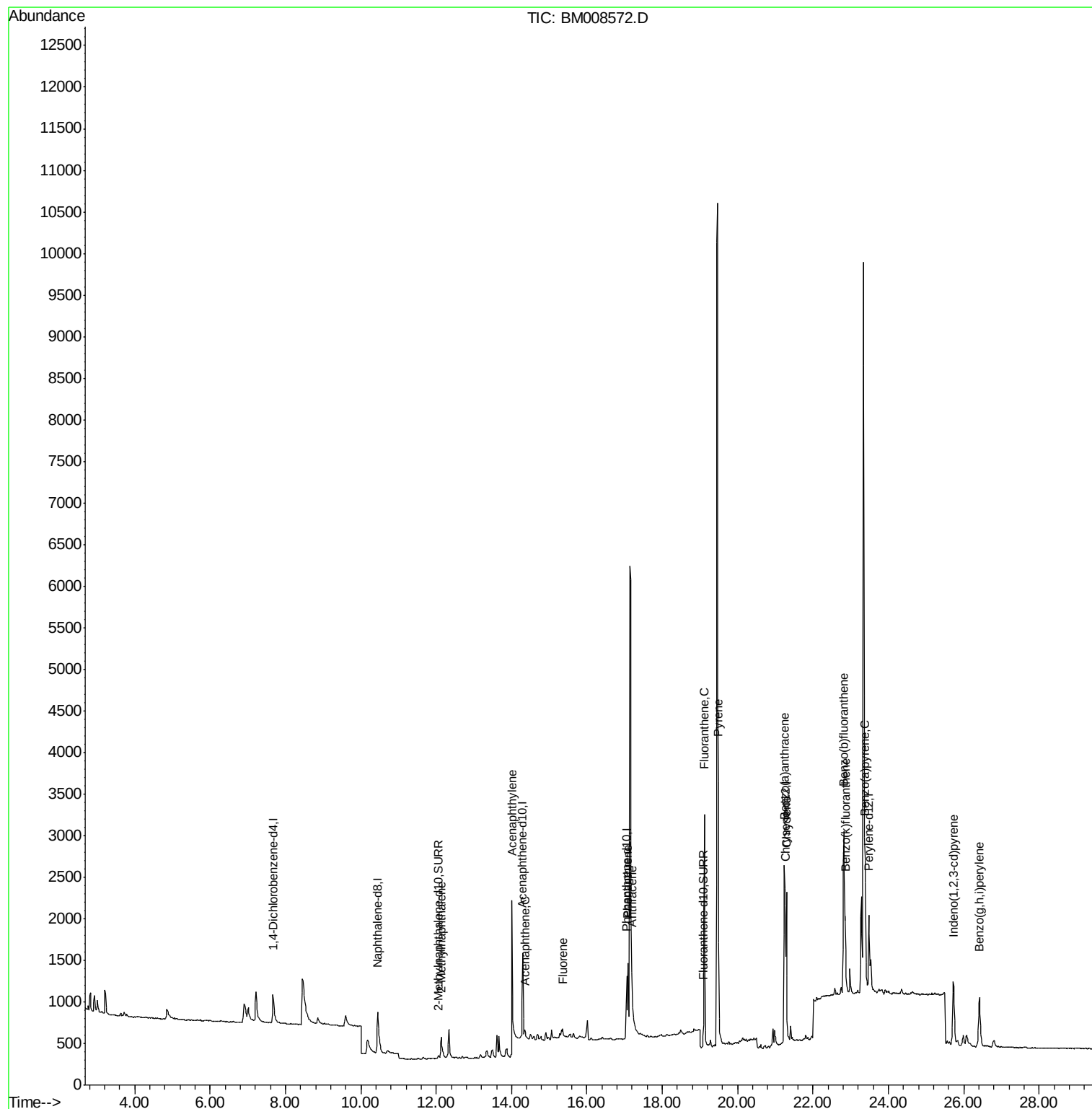
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008572.D
Acq On : 23 Dec 2016 01:04
Operator : UM/SJ
Sample : H5970-16DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

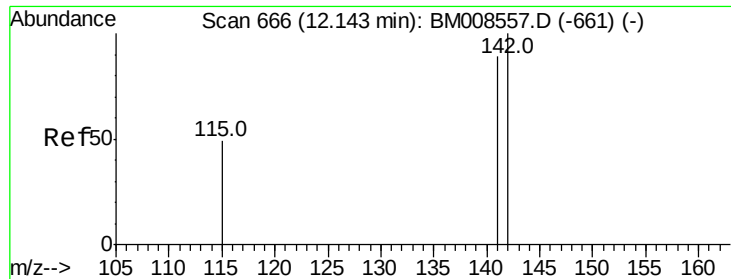
Instrument :
BNA_M
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Quant Time: Dec 23 05:50:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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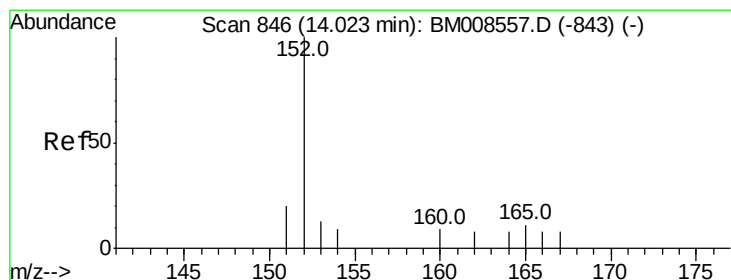
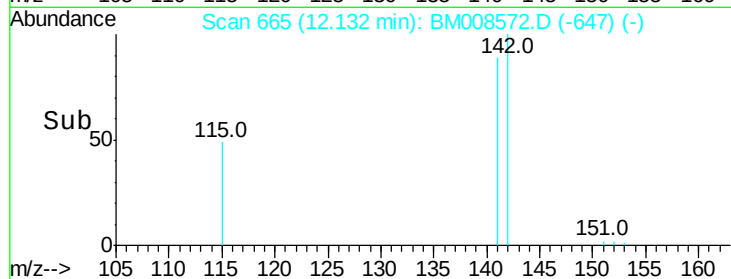
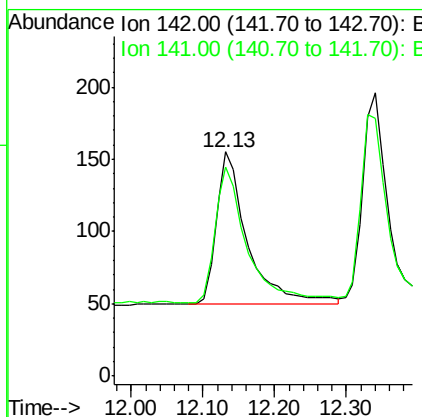
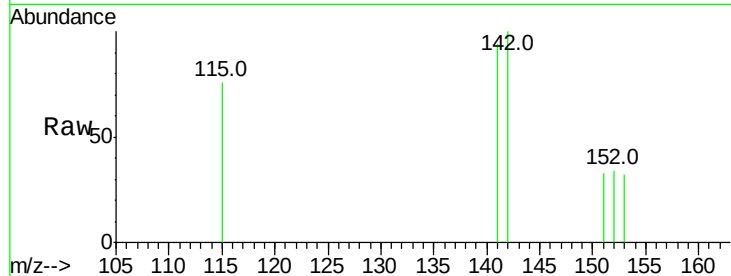
#5
2-Methylnaphthalene
Concen: 0.15 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.01 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Instrument :
BNA_M
ClientSampleId :
DA855DL

Tot Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
141 92.4 72.6 108.8

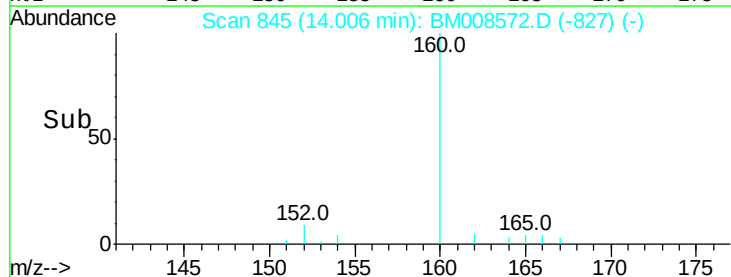
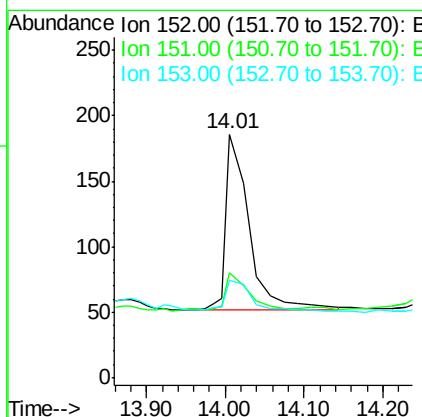
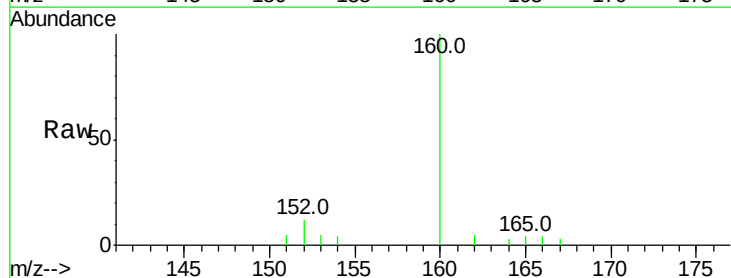
Manual Integrations
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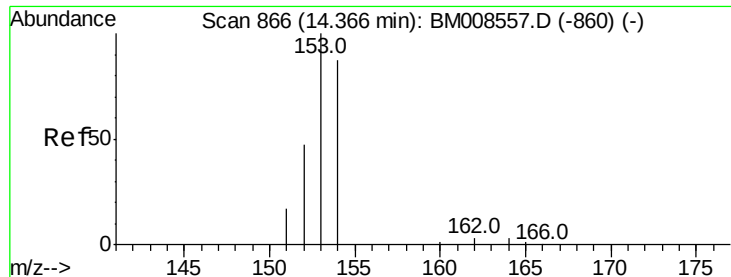
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#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.02 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Tgt Ion:152 Resp: 263
Ion Ratio Lower Upper
152 100
151 43.0 17.1 25.7#
153 39.8 12.8 19.2#





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

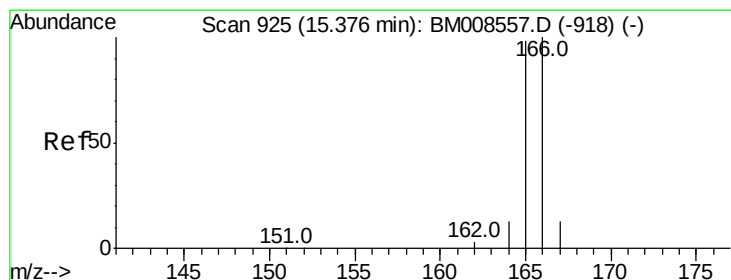
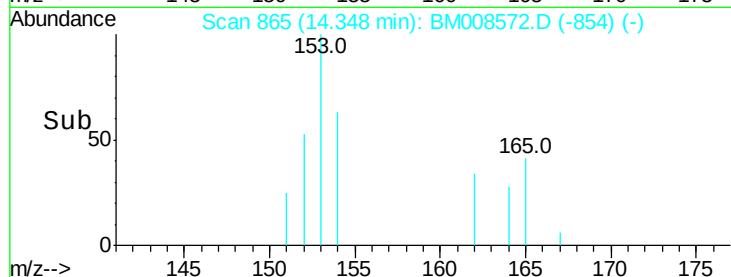
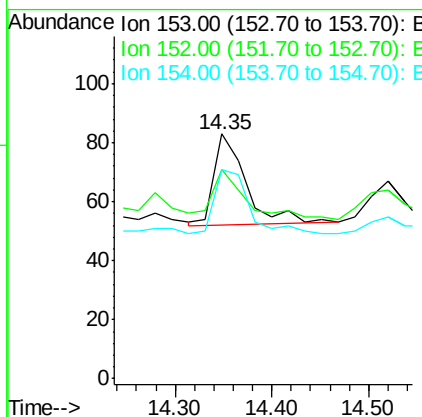
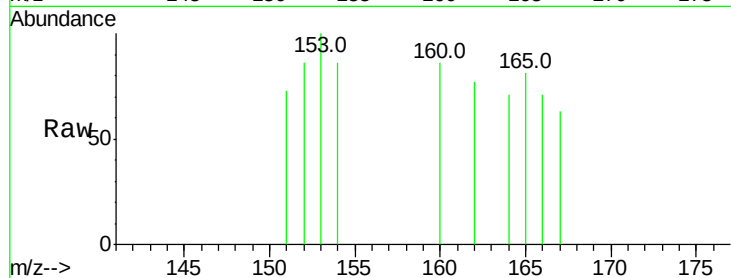
ClientSampled :

DA855DL

Tot Ion:	153	Resp:	71
Ion	Ratio	Lower	Upper
153	100		
152	85.5	40.3	60.5#
154	85.5	71.4	107.2

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#9

Fluorene

Concen: 0.06 ng/ul

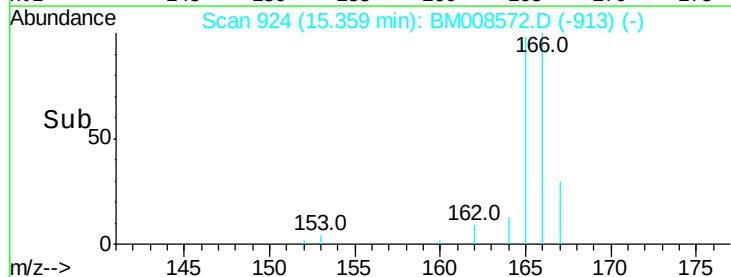
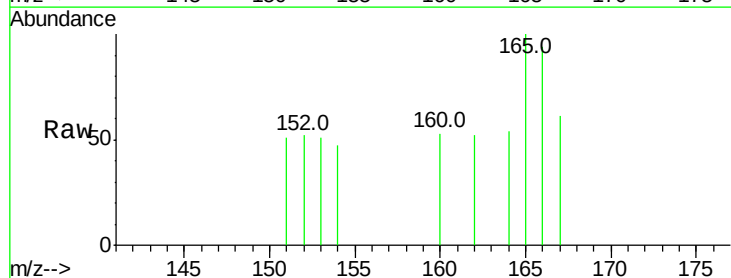
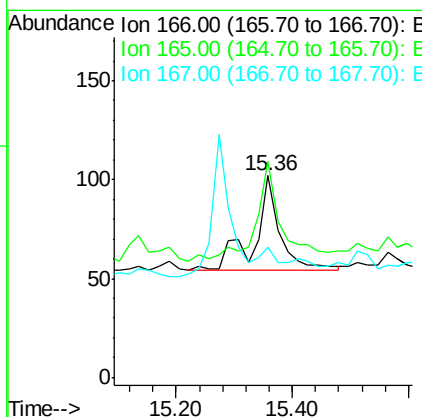
RT: 15.36 min Scan# 924

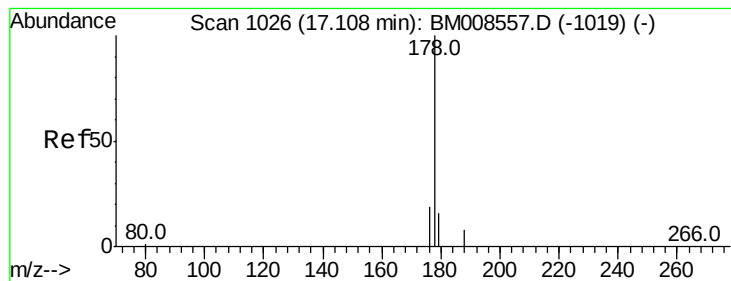
Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Tgt Ion:	166	Resp:	151
Ion	Ratio	Lower	Upper
166	100		
165	106.9	73.4	110.2
167	64.7	14.6	22.0#





#12

Phenanthrene

Concen: 0.29 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

Tot Ion:178 Resp: 1099

Ion Ratio Lower Upper

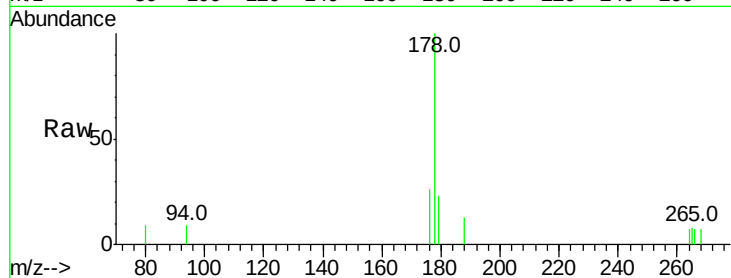
178 100

176 26.2 18.4 27.6

179 22.9 13.6 20.4#

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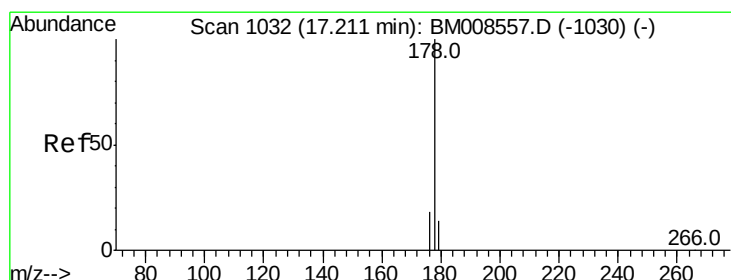
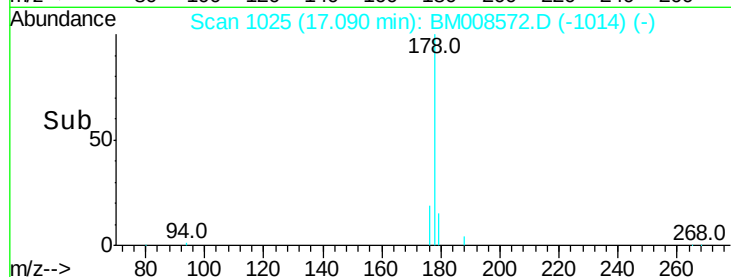
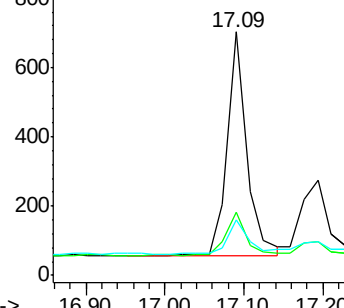
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.14 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Tgt Ion:178 Resp: 516

Ion Ratio Lower Upper

178 100

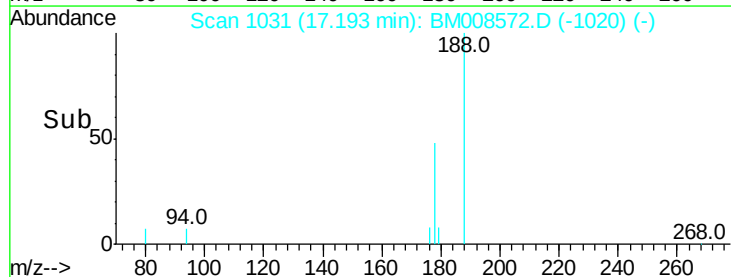
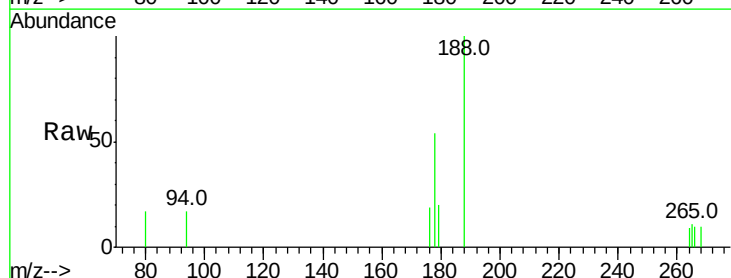
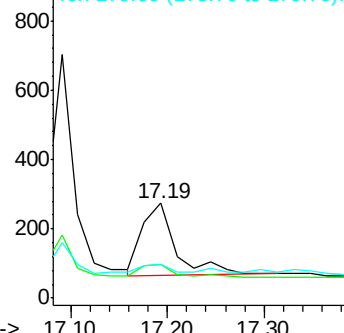
176 35.2 18.1 27.1#

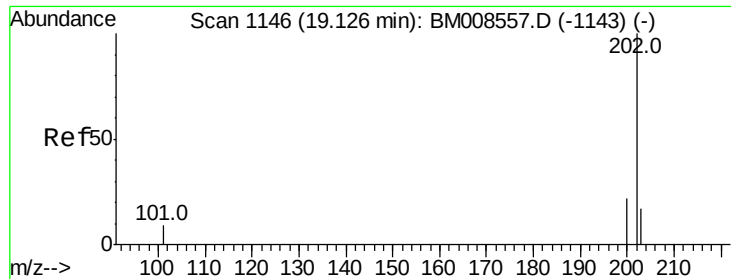
179 36.3 14.7 22.1#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





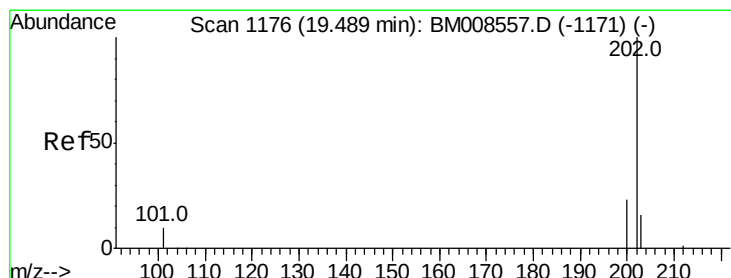
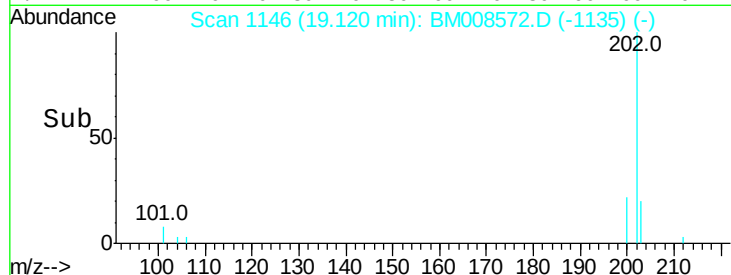
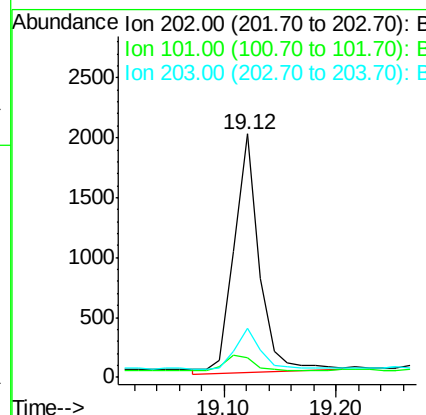
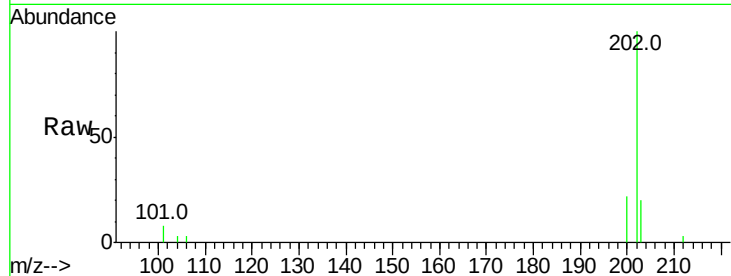
#15
Fluoranthene
 Concen: 0.68 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BM008572.D
 Acq: 23 Dec 2016 01:04

Instrument :
 BNA_M
 ClientSampleId :
 DA855DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3127		
101	7.9		0.0	30.3
203	20.0		0.0	39.5

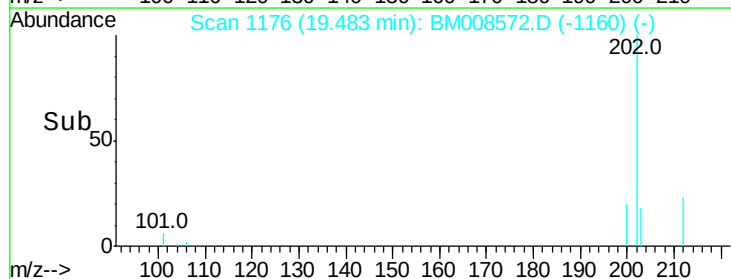
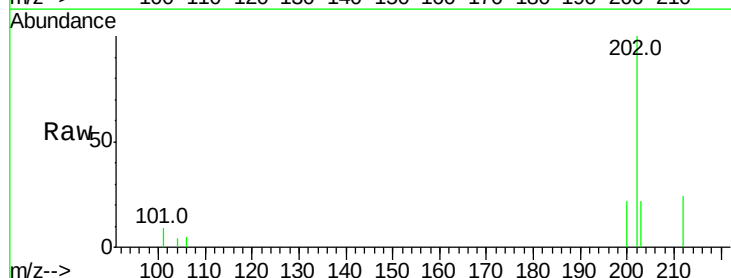
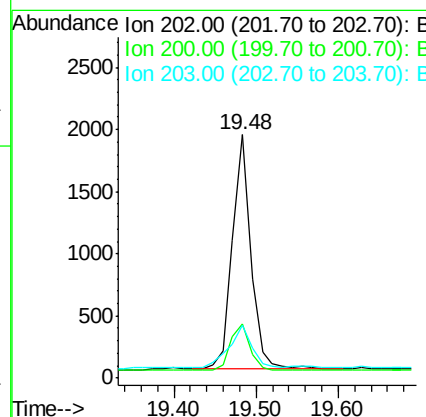
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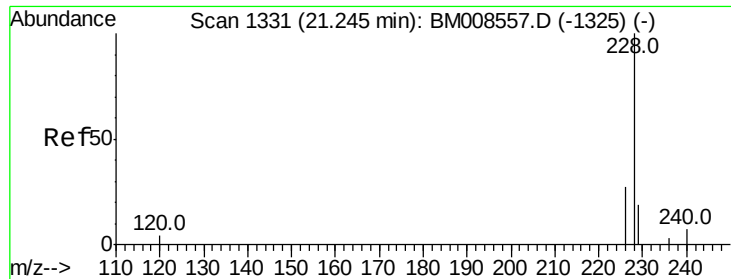
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#17
Pyrene
 Concen: 0.61 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BM008572.D
 Acq: 23 Dec 2016 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2998		
200	22.4		18.2	27.4
203	21.5		15.6	23.4





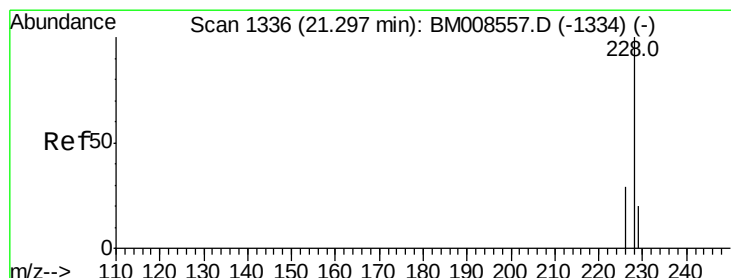
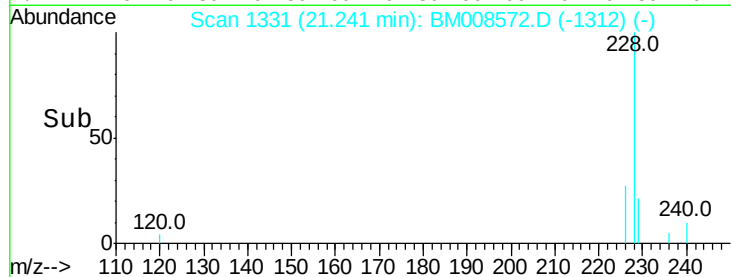
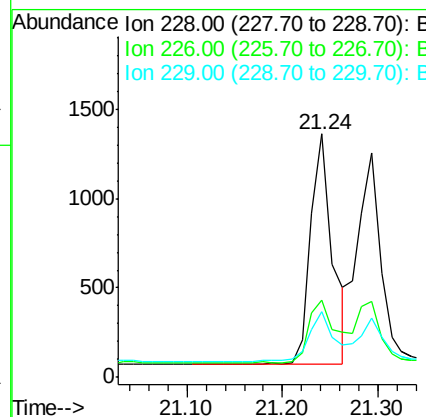
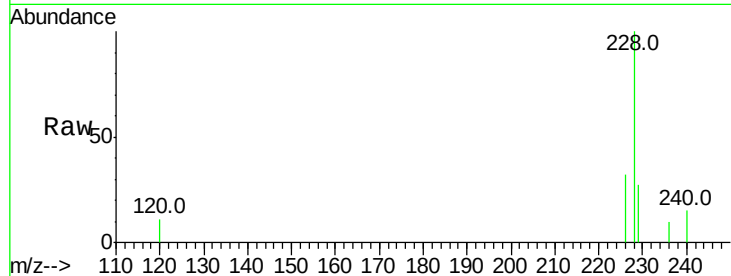
#18
Benzo(a)anthracene
Concen: 0.50 ng/ul
RT: 21.24 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Instrument :
BNA_M
ClientSampleId :
DA855DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.8	34.2
229	27.1	17.0	25.6

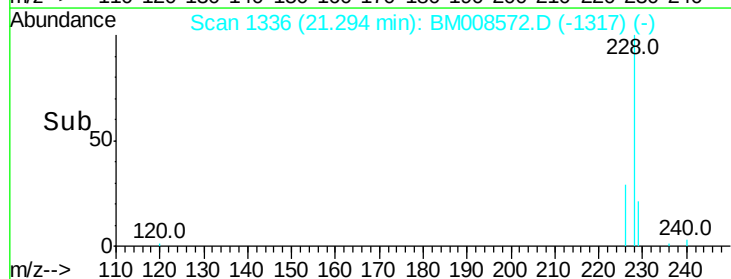
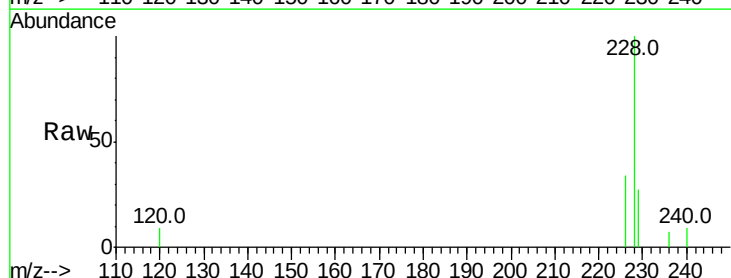
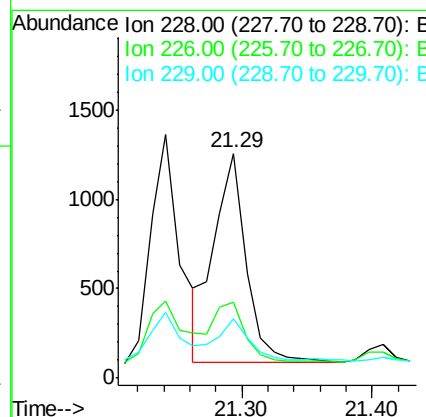
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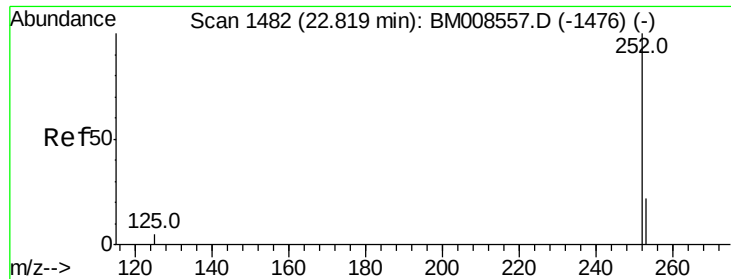
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#19
Chrysene
Concen: 0.44 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.0
229	26.5	17.7	26.5





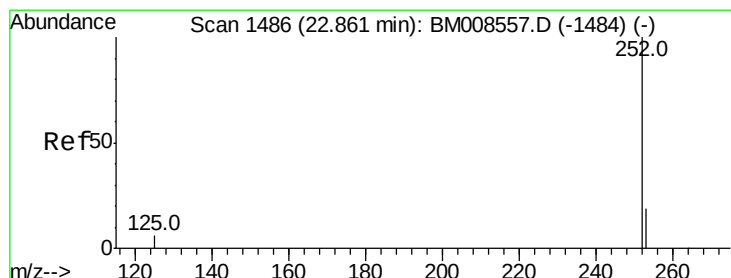
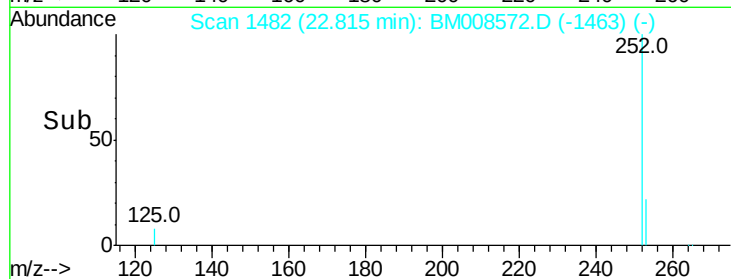
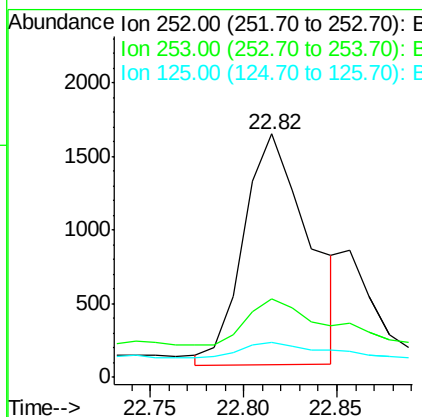
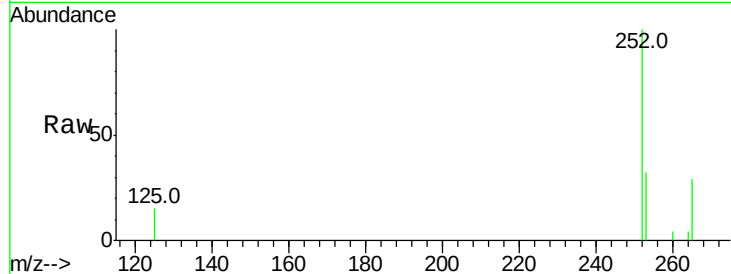
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Benzo(b)fluoranthene
Concen: 0.72 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Instrument :
BNA_M
ClientSampleId :
DA855DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	64.2
125	14.6	0.0	35.0

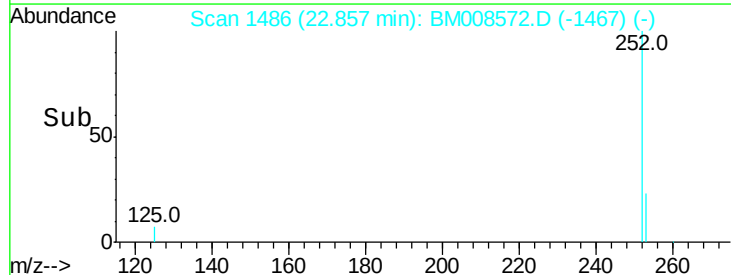
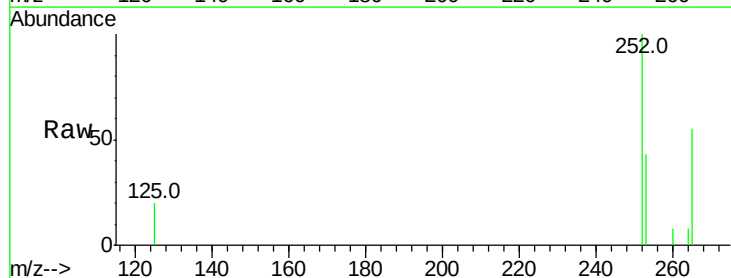
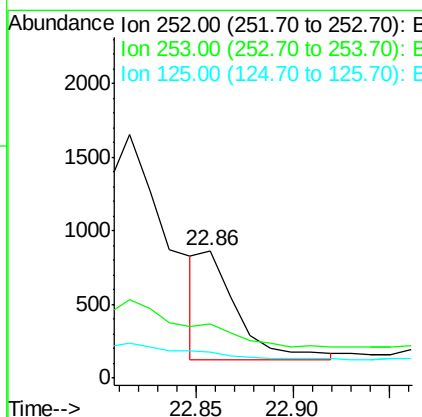
Manual Integrations
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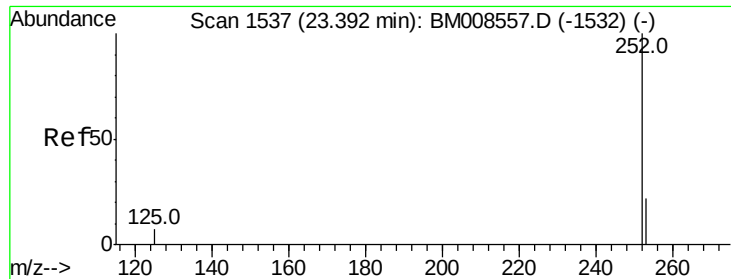
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#22
Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.7	24.5	36.7#
125	20.3	13.7	20.5





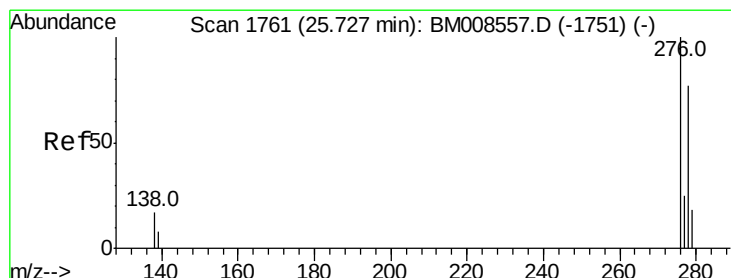
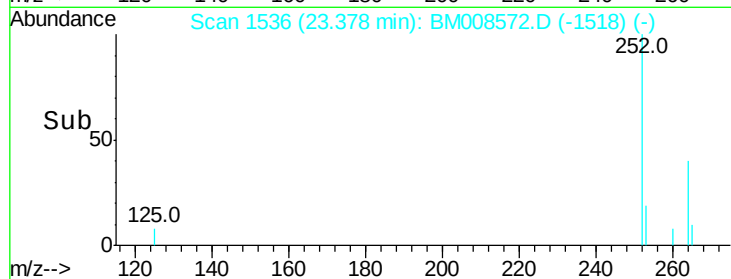
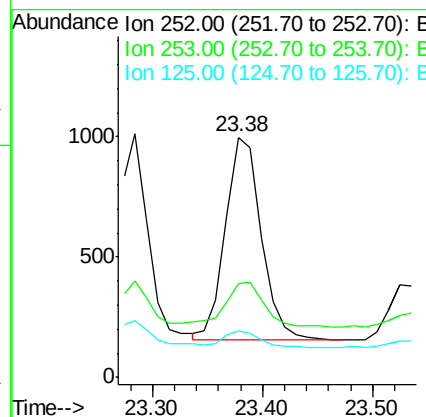
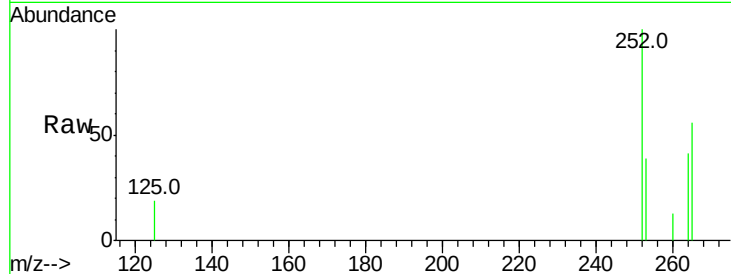
#23
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.38 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Instrument :
BNA_M
ClientSampled :
DA855DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.3	28.5	42.7
125	19.4	18.1	27.1

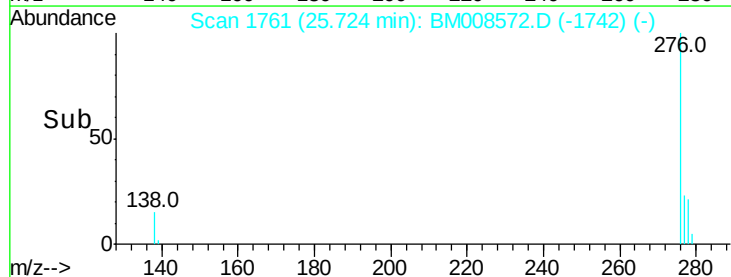
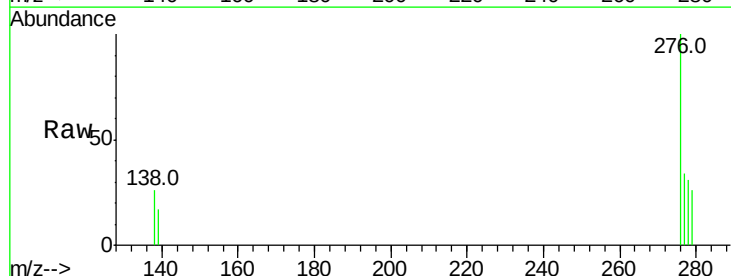
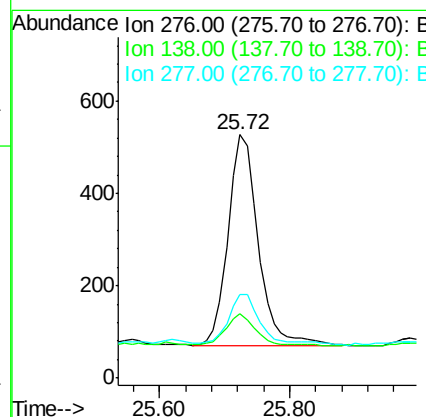
Manual Integrations
APPROVED

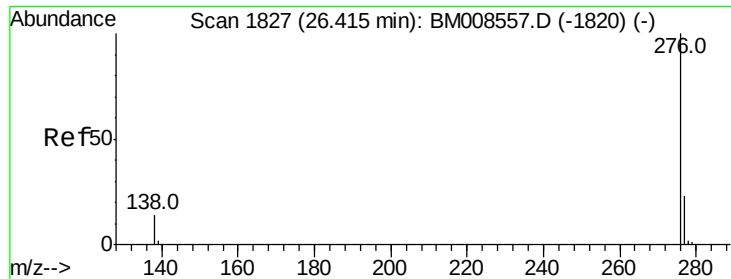
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.72 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BM008572.D
Acq: 23 Dec 2016 01:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	19.1	28.7#
277	24.7	19.6	29.4





#26
 Benzo(a,h,i)perylene
 Concen: 0.28 ng/ul
 RT: 26.41 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM008572.D
 Acq: 23 Dec 2016 01:04

Instrument :
 BNA_M
 ClientSampleId :
 DA855DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	36.4	21.8	32.8#
138	27.6	20.5	30.7

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:11:59 PM

