

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008058.D
 Acq On : 24 Nov 2016 05:34
 Operator : UM/SJ
 Sample : H5694-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS8

Manual Integrations
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Quant Time: Nov 24 06:26:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	674	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2248	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1334	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2536	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2577	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2594	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	412	0.13	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1017	0.14	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.54	128	246	0.04	ng/ul#	45
5) 2-Methylnaphthalene	12.17	142	155	0.04	ng/ul	100
7) Acenaphthylene	14.06	152	298	0.05	ng/ul#	61
12) Phenanthrene	17.12	178	2227	0.28	ng/ul	96
13) Anthracene	17.23	178	488m	0.07	ng/ul	
15) Fluoranthene	19.16	202	5772	0.57	ng/ul	97
17) Pyrene	19.52	202	5805	0.65	ng/ul	99
18) Benzo(a)anthracene	21.27	228	3132	0.40	ng/ul#	91
19) Chrysene	21.32	228	3528	0.36	ng/ul	93
21) Benzo(b)fluoranthene	22.86	252	4691m	0.45	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	1764m	0.17	ng/ul	
23) Benzo(a)pyrene	23.42	252	3340	0.34	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.78	276	2540	0.21	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.78	278	674	0.07	ng/ul#	21
26) Benzo(g,h,i)perylene	26.46	276	2668	0.25	ng/ul#	93

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

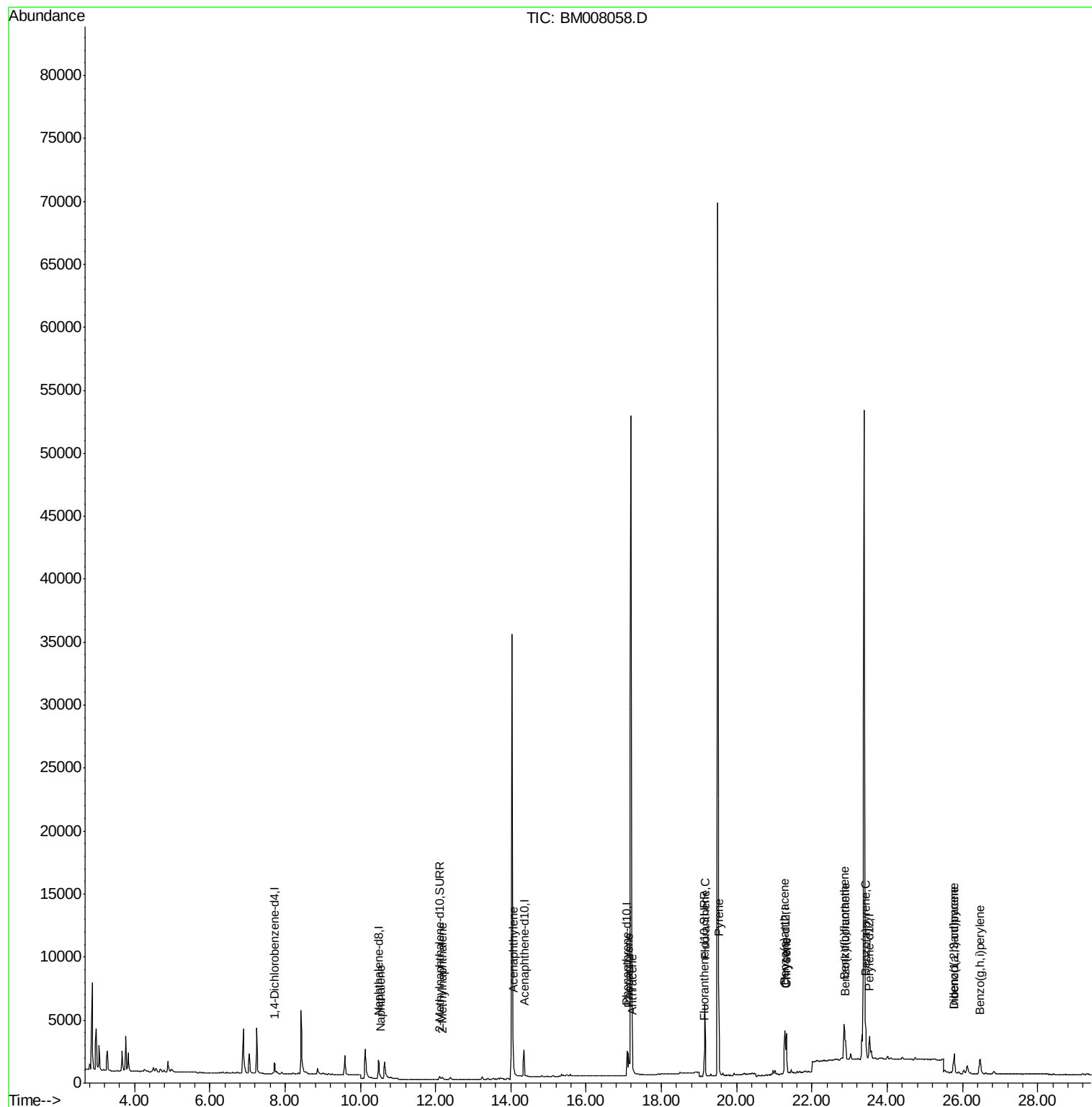
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008058.D
Acq On : 24 Nov 2016 05:34
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Sample : H5694-21
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ALS Vial : 25 Sample Multiplier: 1

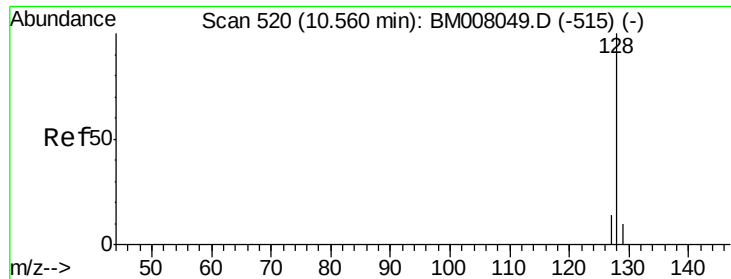
Instrument :
BNA_M
ClientSampleId :
JHSS8

Manual Integrations
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Quant Time: Nov 24 06:26:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 04:11:15 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008058.D

Acq: 24 Nov 2016 05:34

Instrument :

BNA_M

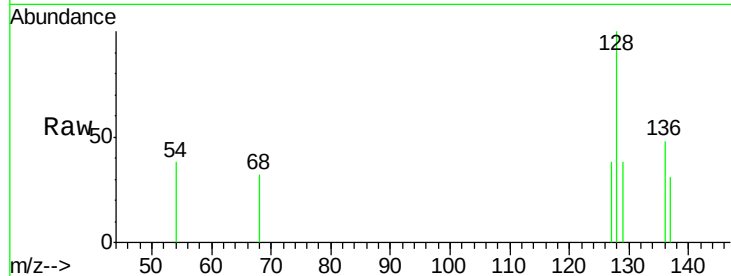
ClientSampleId :

JHSS8

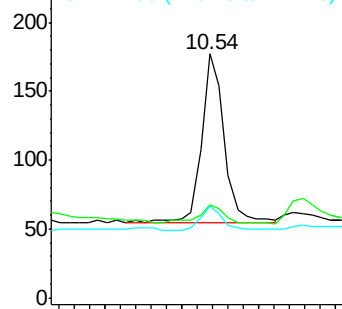
Tot Ion:	128	Resp:	246
Ion	Ratio	Lower	Upper
128	100		
129	38.4	11.3	16.9#
127	37.9	12.8	19.2#

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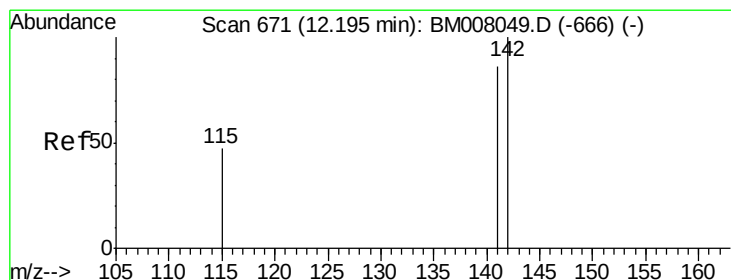
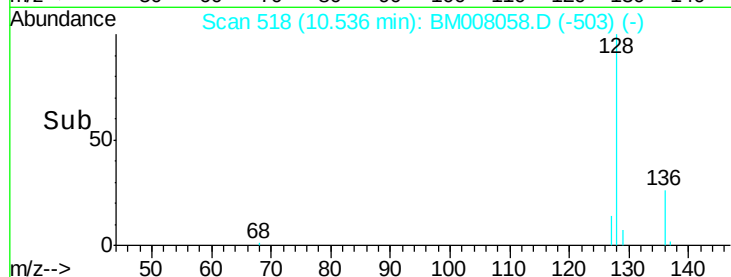
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

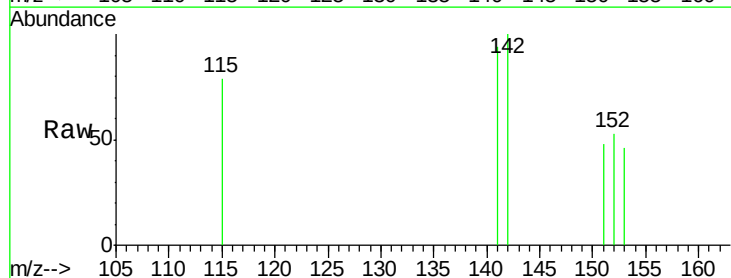
RT: 12.17 min Scan# 669

Delta R.T. -0.02 min

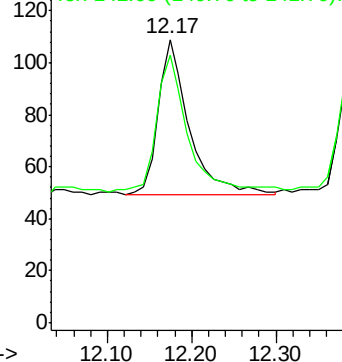
Lab File: BM008058.D

Acq: 24 Nov 2016 05:34

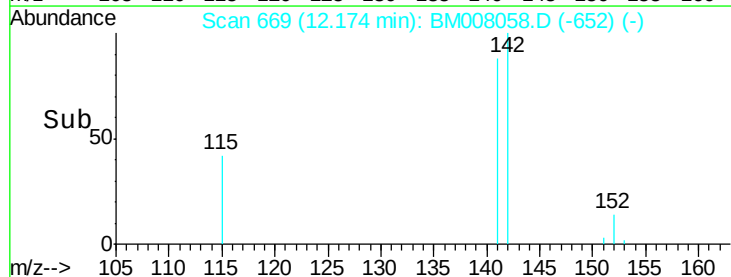
Tgt Ion:	142	Resp:	155
Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8

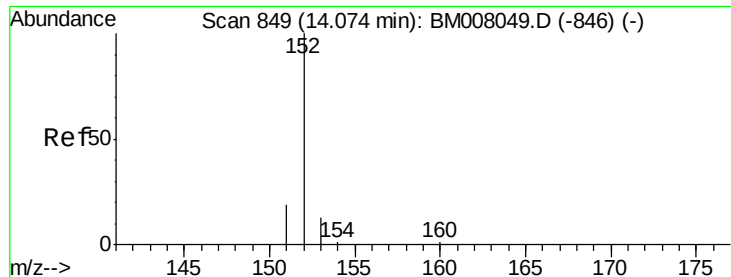


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008058.D

Acq: 24 Nov 2016 05:34

Instrument :

BNA_M

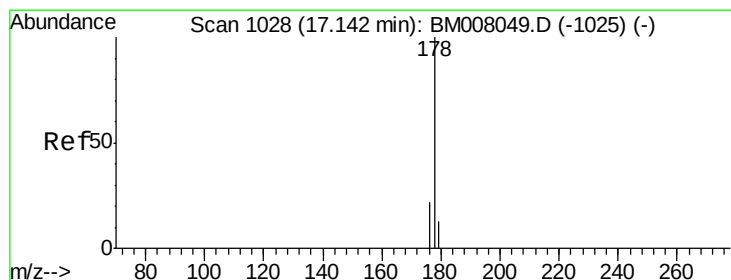
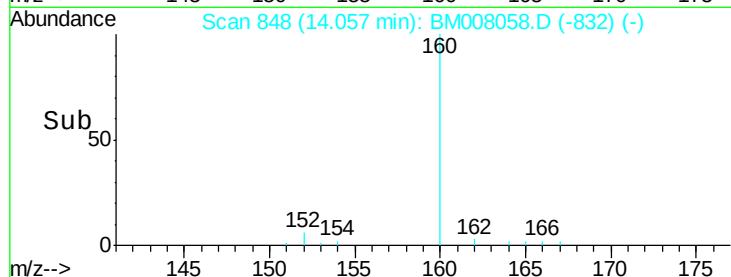
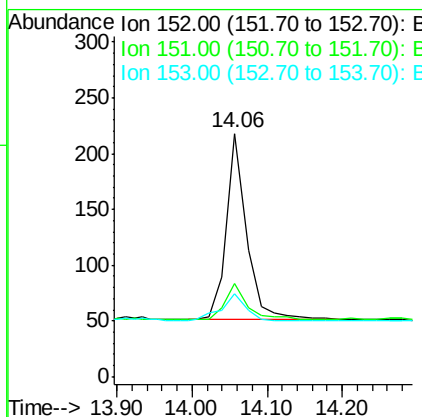
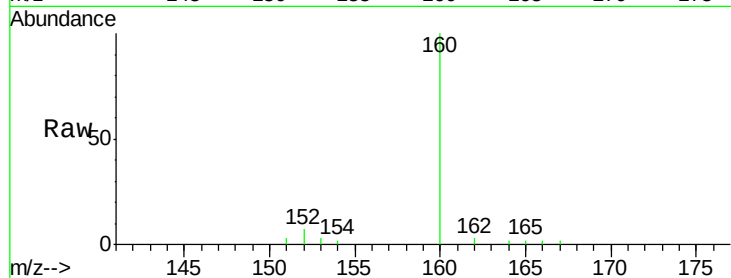
ClientSampleId :

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Tot Ion:	152	Resp:	298
Ion Ratio	Lower	Upper	
152	100		
151	38.5	17.1	25.7#
153	33.9	12.8	19.2#

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#12

Phenanthrene

Concen: 0.28 ng/ul

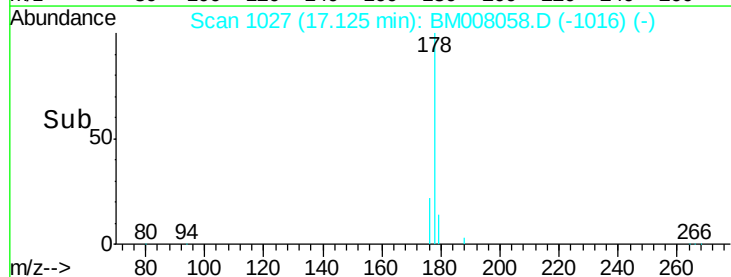
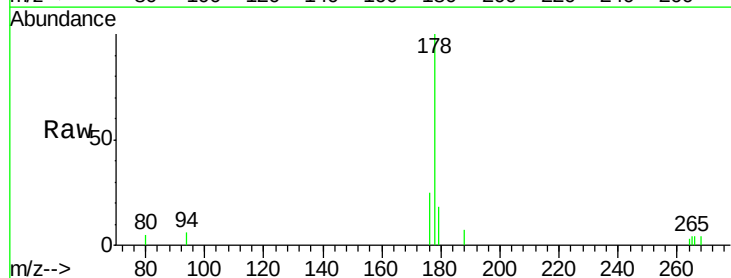
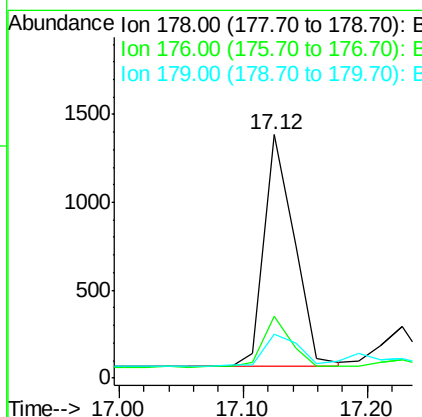
RT: 17.12 min Scan# 1027

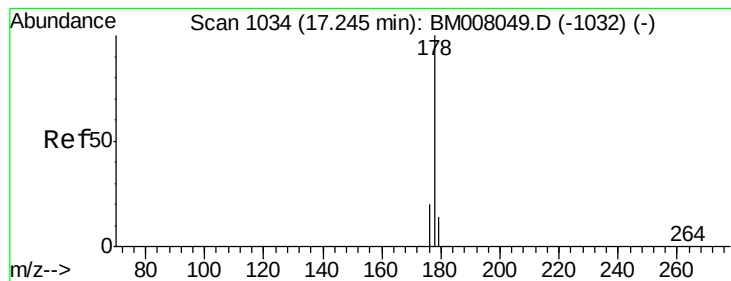
Delta R.T. -0.02 min

Lab File: BM008058.D

Acq: 24 Nov 2016 05:34

Tgt Ion:	178	Resp:	2227
Ion Ratio	Lower	Upper	
178	100		
176	25.4	18.4	27.6
179	18.0	13.6	20.4





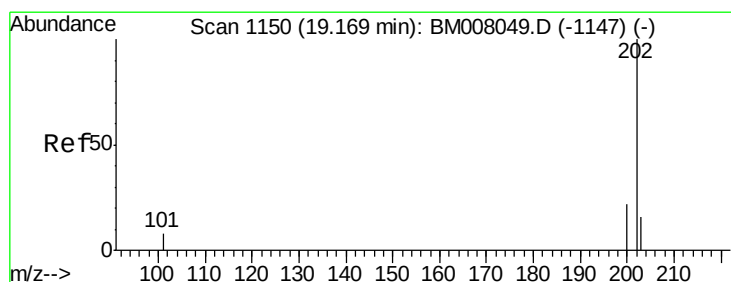
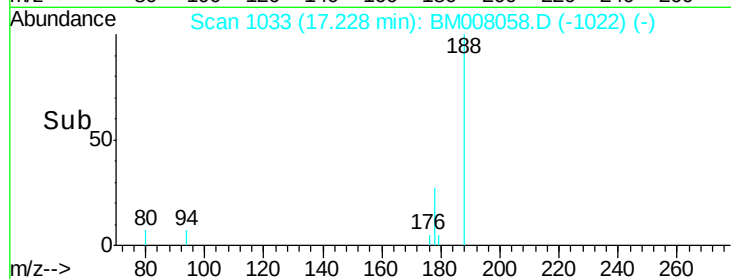
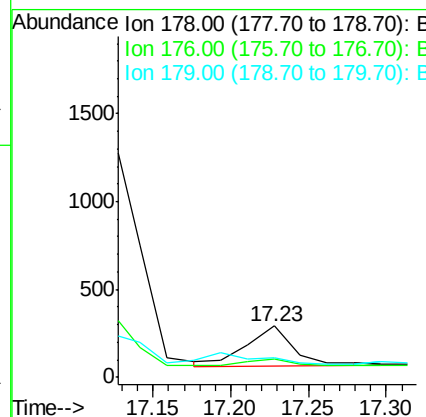
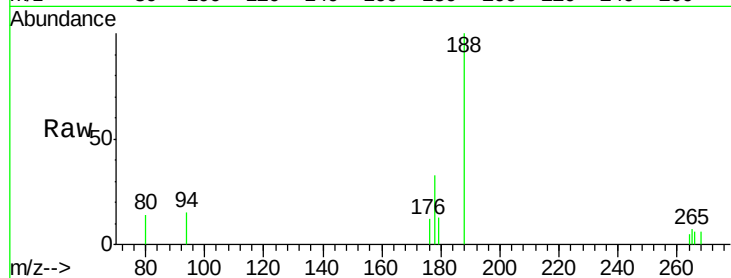
#13
 Anthracene
 Concen: 0.07 ng/ul m
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BM008058.D
 Acq: 24 Nov 2016 05:34

Instrument :
 BNA_M
 ClientSampleId :
 JHSS8

Tot Ion	Ratio	Lower	Upper
178	100		
176	35.6	18.1	27.1#
179	38.4	14.7	22.1#

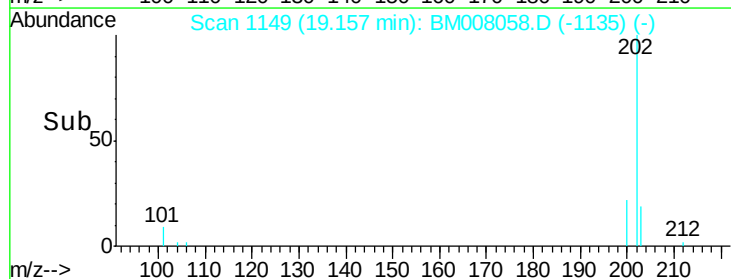
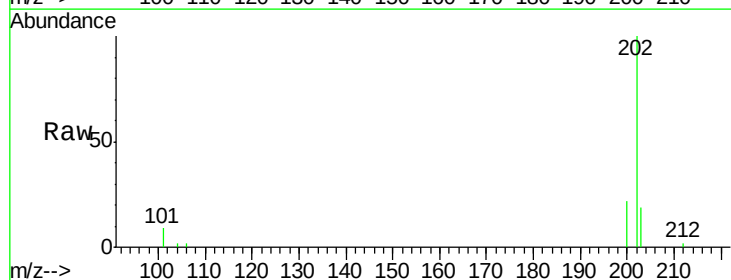
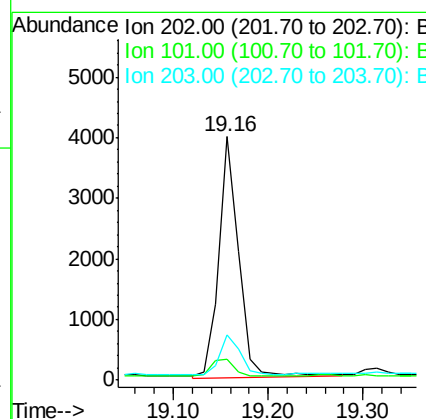
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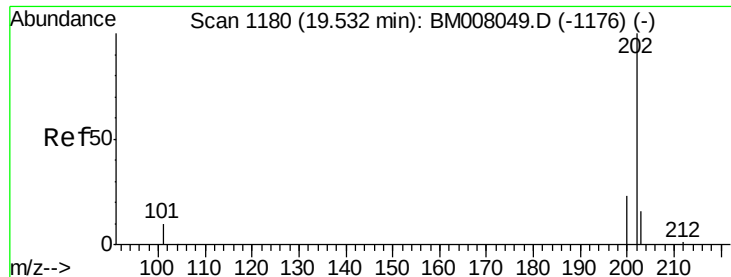
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#15
 Fluoranthene
 Concen: 0.57 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008058.D
 Acq: 24 Nov 2016 05:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.3
203	18.6	0.0	39.5





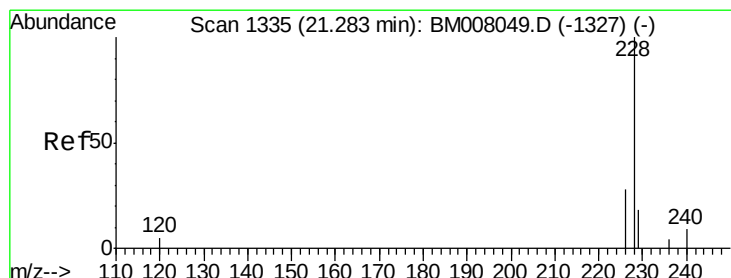
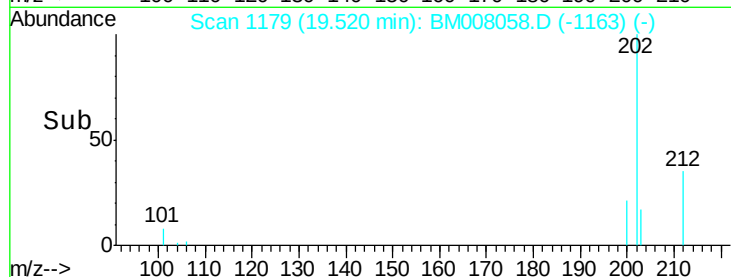
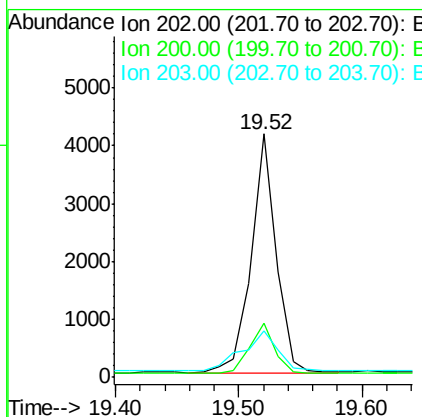
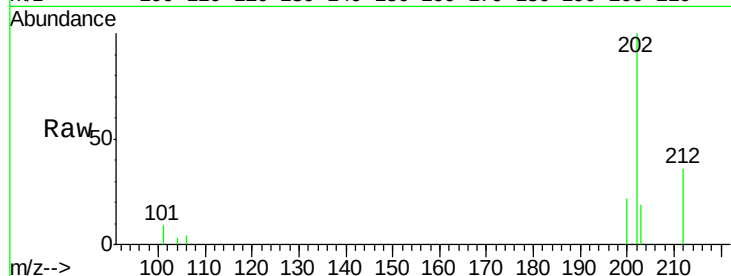
#17
Pvrene
Concen: 0.65 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008058.D
Acq: 24 Nov 2016 05:34

Instrument :
BNA_M
ClientSampled :
JHSS8

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.4
203	19.2	15.6	23.4

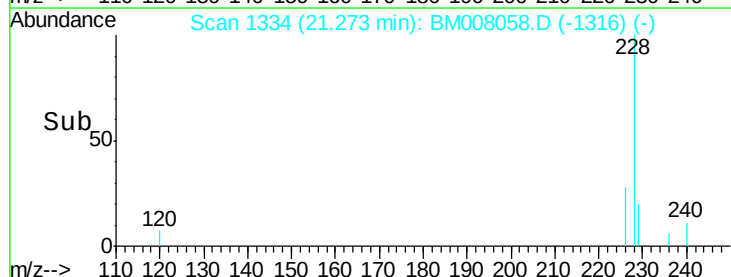
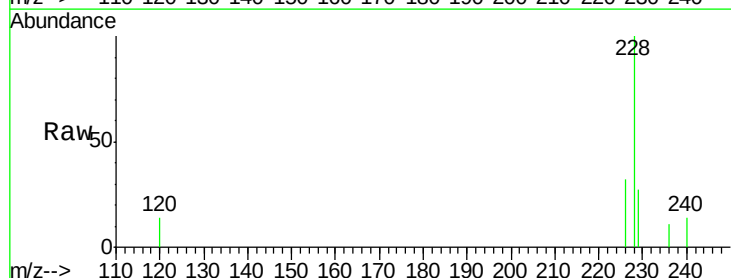
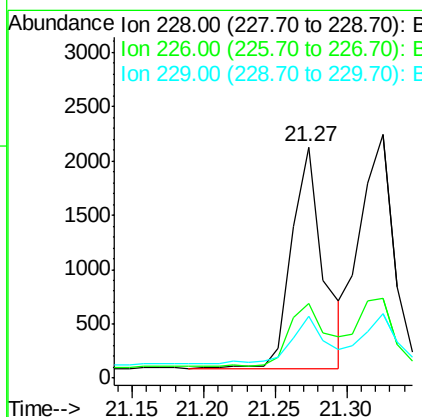
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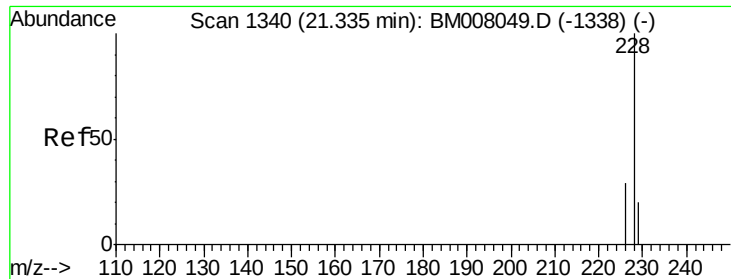
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#18
Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008058.D
Acq: 24 Nov 2016 05:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.8	34.2
229	26.6	17.0	25.6





#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008058.D

Acq: 24 Nov 2016 05:34

Instrument :

BNA_M

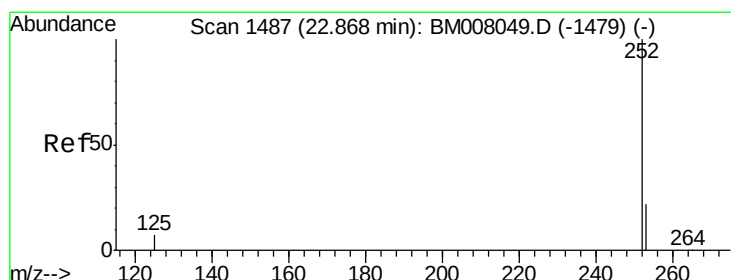
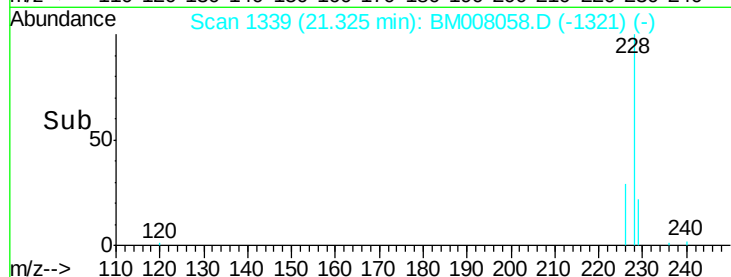
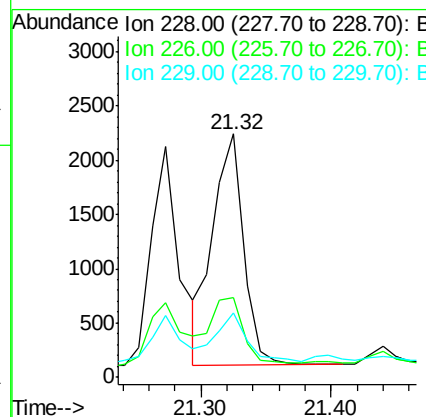
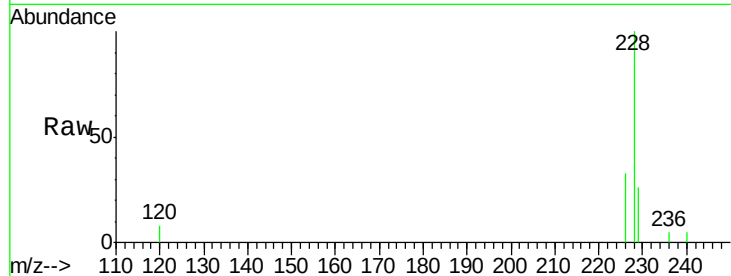
ClientSampled :

JHSS8

Tot Ion:	228	Resp:	3528
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.4	35.0
229	26.4	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.45 ng/ul m

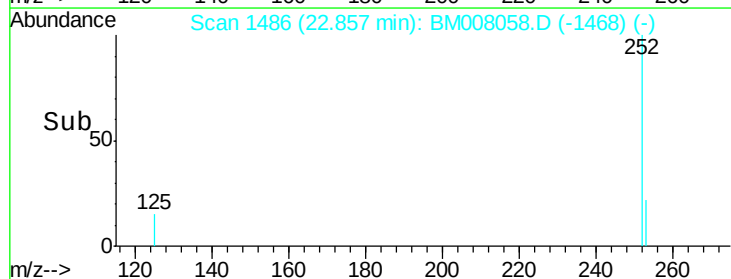
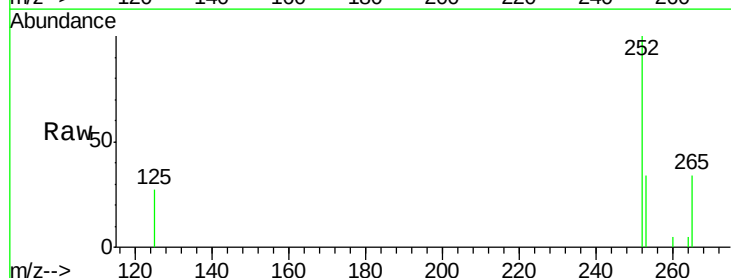
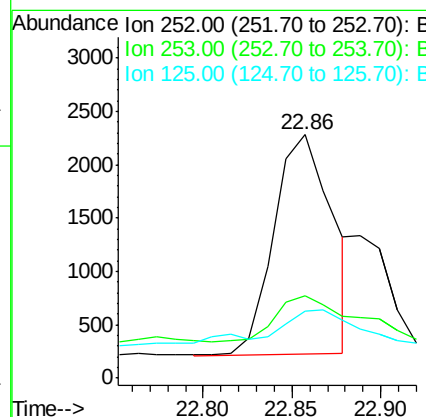
RT: 22.86 min Scan# 1486

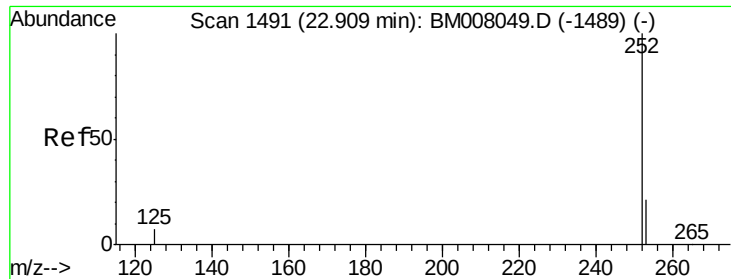
Delta R.T. -0.01 min

Lab File: BM008058.D

Acq: 24 Nov 2016 05:34

Tgt Ion:	252	Resp:	4691
Ion Ratio	Lower	Upper	
252	100		
253	34.1	0.0	64.2
125	27.5	0.0	35.0





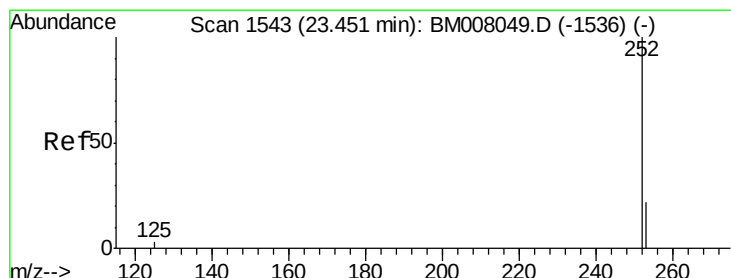
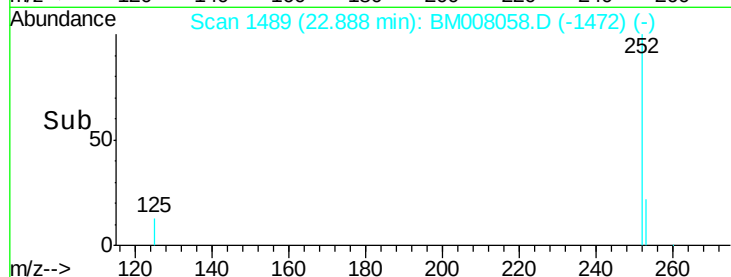
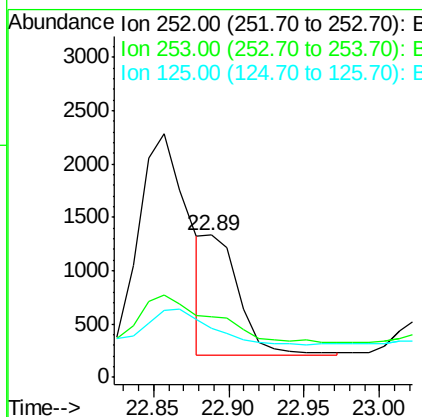
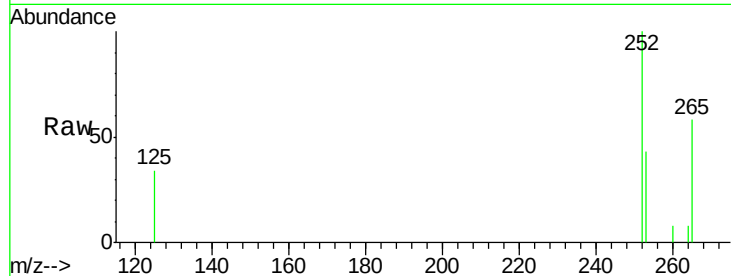
#22
Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BM008058.D
Acq: 24 Nov 2016 05:34

Instrument :
BNA_M
ClientSampleId :
JHSS8

Tot Ion	Ratio	Lower	Upper
252	100		
253	42.8	24.5	36.7#
125	34.3	13.7	20.5#

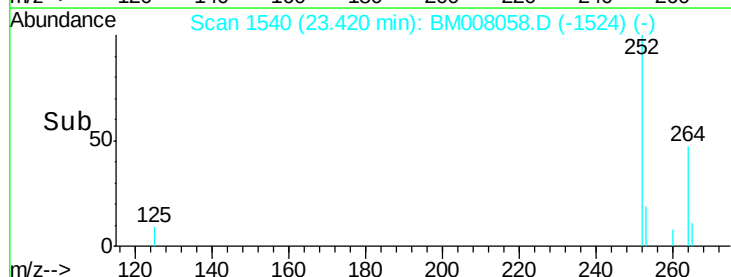
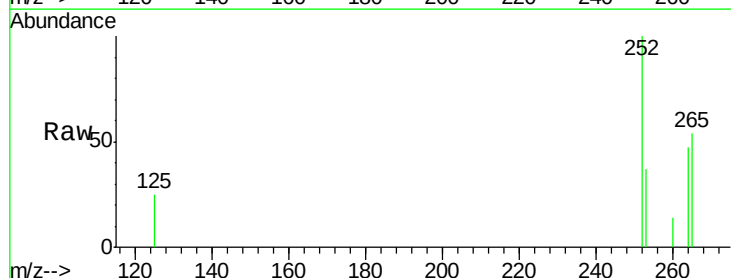
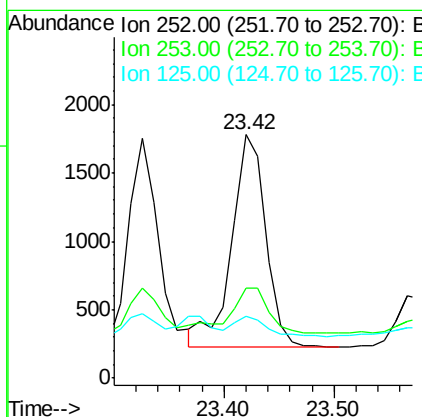
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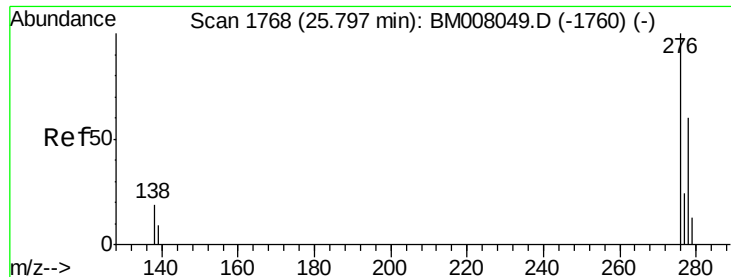
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#23
Benzo(a)pyrene
Concen: 0.34 ng/ul
RT: 23.42 min Scan# 1540
Delta R.T. -0.03 min
Lab File: BM008058.D
Acq: 24 Nov 2016 05:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.7	28.5	42.7
125	25.3	18.1	27.1





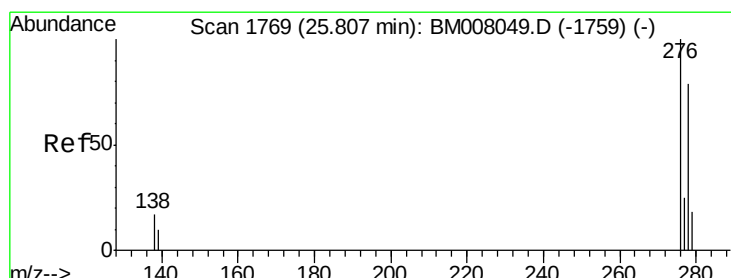
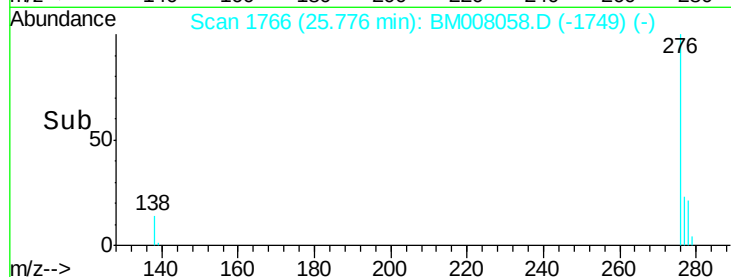
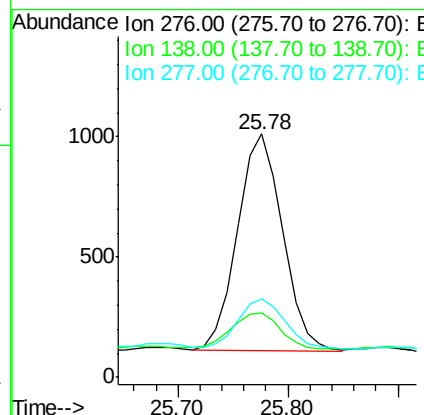
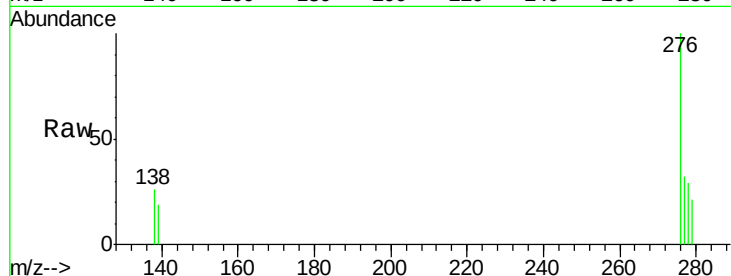
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.21 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.02 min
 Lab File: BM008058.D
 Acq: 24 Nov 2016 05:34

Instrument :
 BNA_M
 ClientSampleId :
 JHSS8

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	19.1	28.7#
277	24.6	19.6	29.4

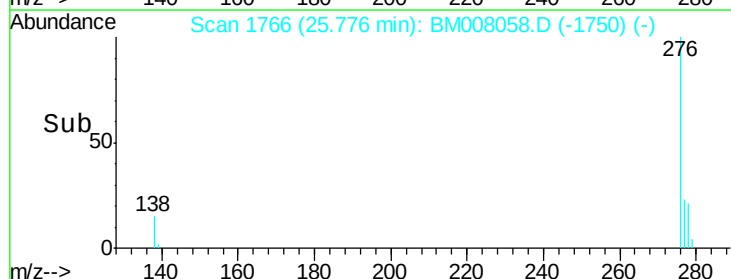
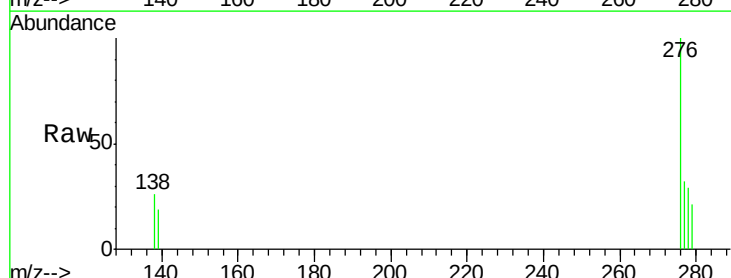
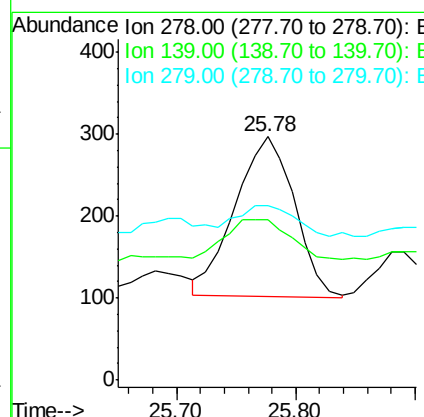
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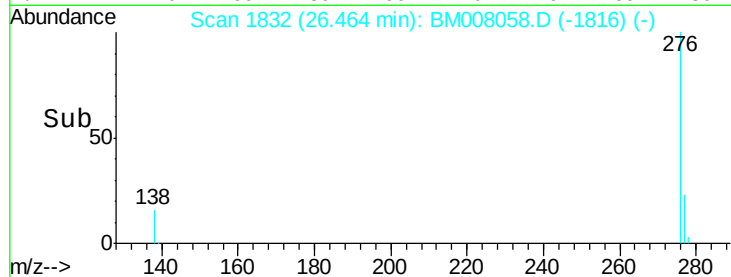
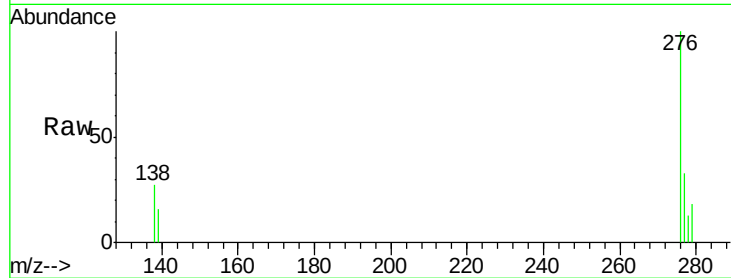
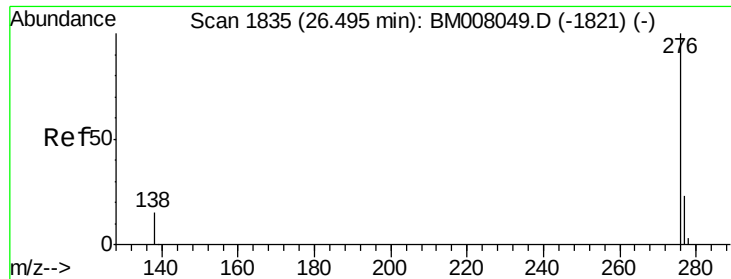
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.07 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.03 min
 Lab File: BM008058.D
 Acq: 24 Nov 2016 05:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	66.0	17.4	26.0#
279	71.7	25.9	38.9#





#26
Benzo(a,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.46 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BM008058.D
Acq: 24 Nov 2016 05:34

Tot Ion	Ratio	Lower	Upper
276	100		
277	33.5	21.8	32.8#
138	26.8	20.5	30.7

Instrument :
BNA_M
ClientSampleId :
JHSS8

Manual Integrations
APPROVED

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