

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008524.D
 Acq On : 21 Dec 2016 19:24
 Operator : UM/SJ
 Sample : H6040-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X2

Manual Integrations
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 12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:57:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	417	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.44	136	1370	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	854	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1584m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1521	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1345m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	590	0.28	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1552m	0.36	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.49	128	928	0.24	ng/ul#	84
5) 2-Methylnaphthalene	12.11	142	800	0.31	ng/ul	99
12) Phenanthrene	17.09	178	1941m	0.40	ng/ul	
15) Fluoranthene	19.12	202	1684	0.28	ng/ul	90
17) Pyrene	19.48	202	1547	0.26	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.72	276	437m	0.07	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	512m	0.10	ng/ul	

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

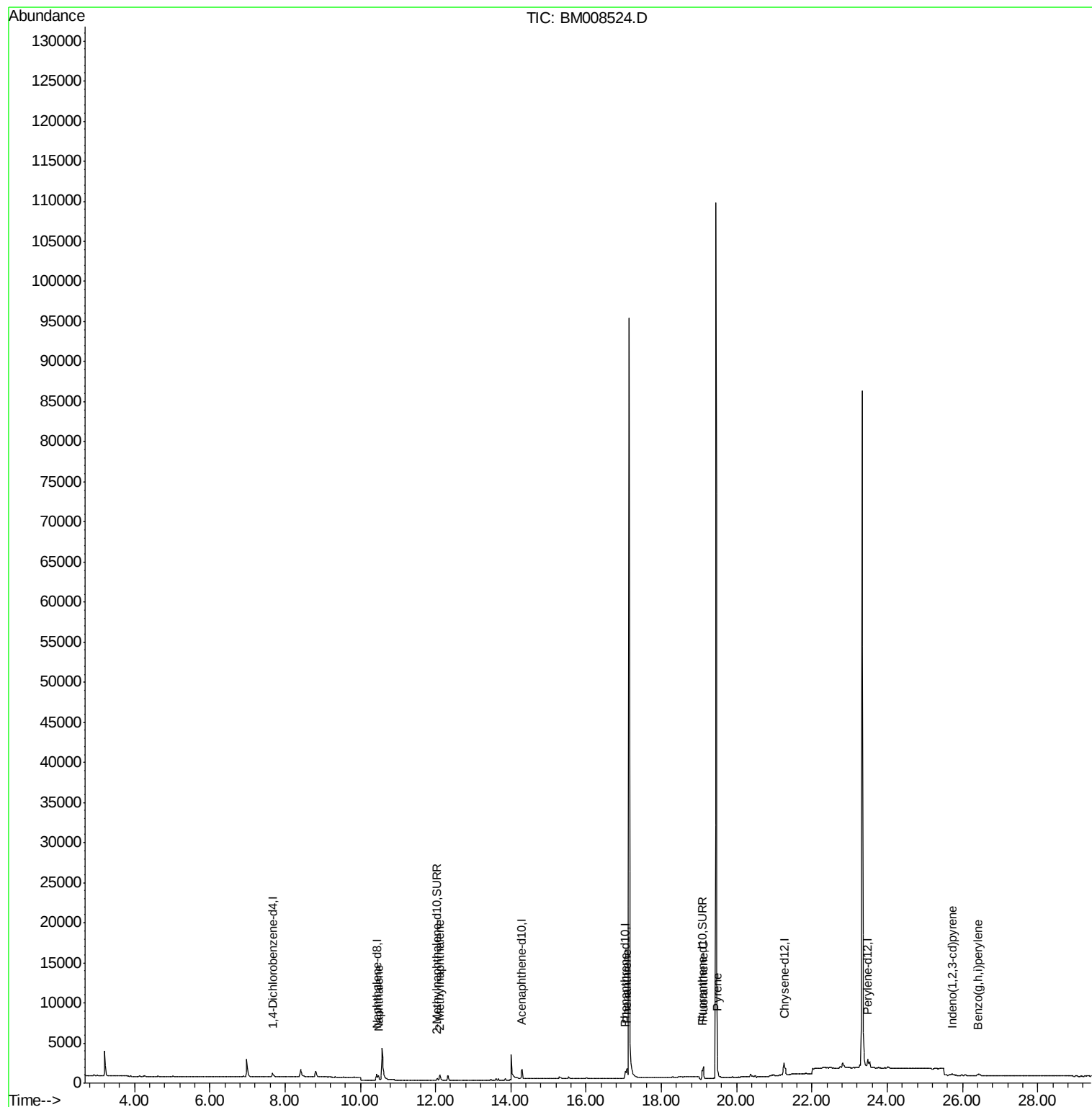
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
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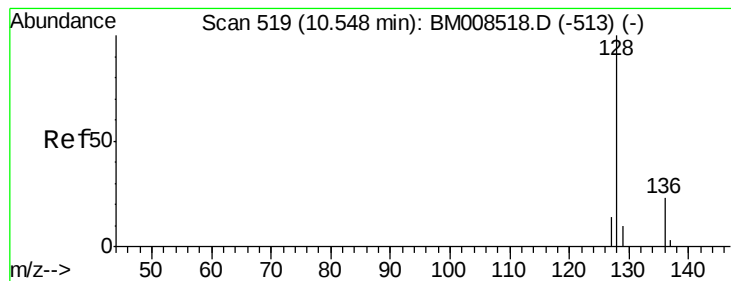
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#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.06 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Instrument :

BNA_M

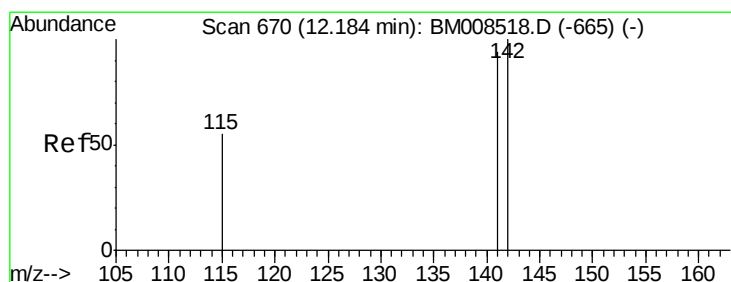
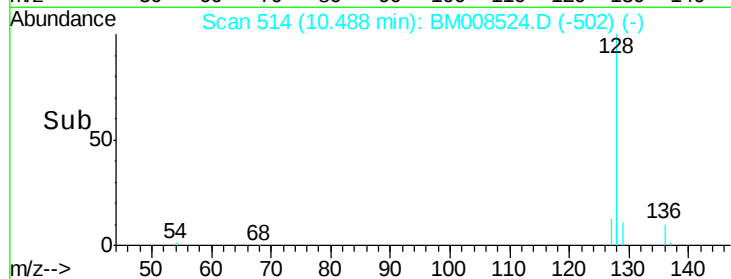
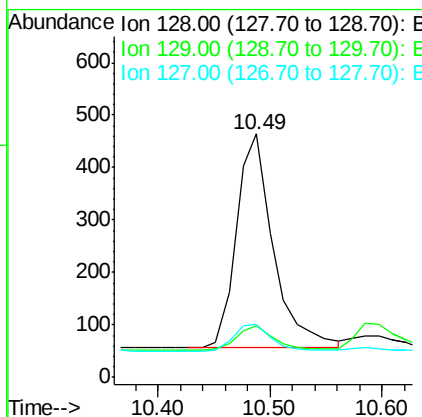
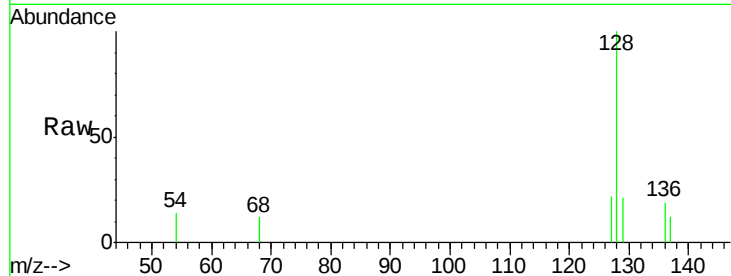
ClientSampleId :

DA8X2

Tgt Ion:	128	Resp:	928
Ion Ratio	Lower	Upper	
128	100		
129	21.3	11.3	16.9#
127	21.8	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.31 ng/ul

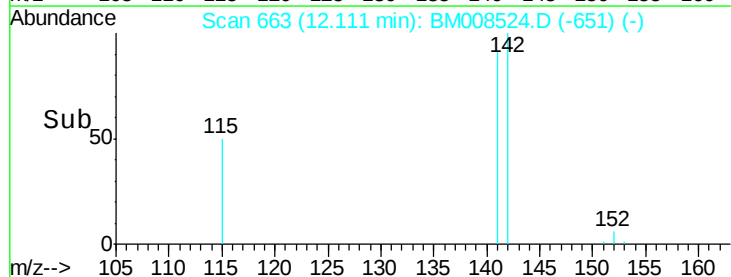
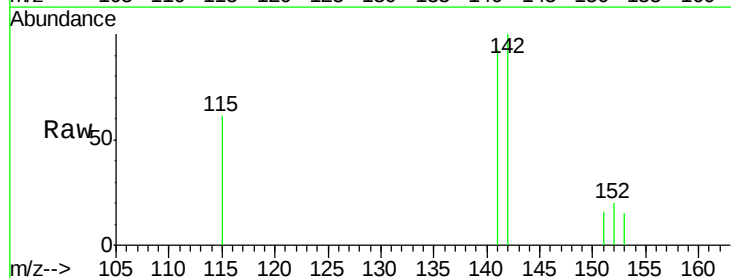
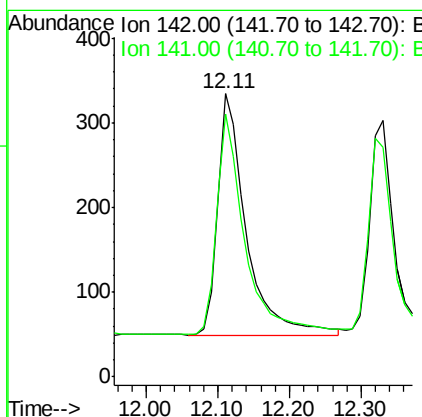
RT: 12.11 min Scan# 663

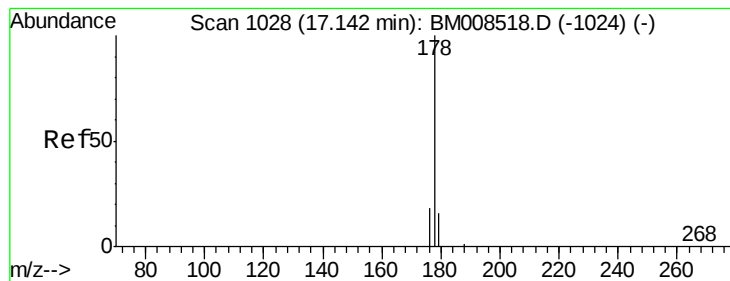
Delta R.T. -0.07 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Tgt Ion:	142	Resp:	800
Ion Ratio	Lower	Upper	
142	100		
141	89.9	72.6	108.8





#12

Phenanthrene

Concen: 0.40 ng/ul m

RT: 17.09 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Instrument :

BNA_M

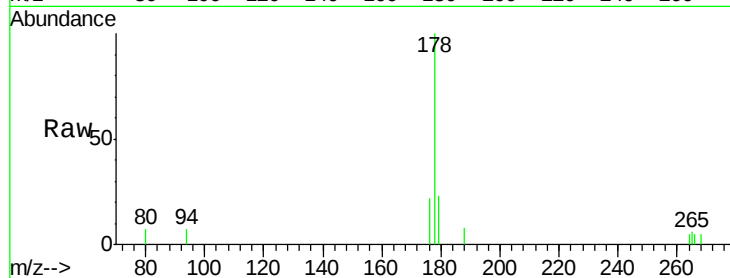
ClientSampleId :

DA8X2

Tgt Ion:	178	Resp:	1941
Ion Ratio	Lower	Upper	
178	100		
176	21.6	18.4	27.6
179	22.5	13.6	20.4#

Manual Integrations
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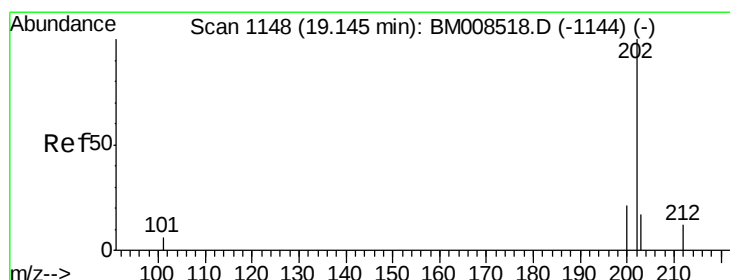
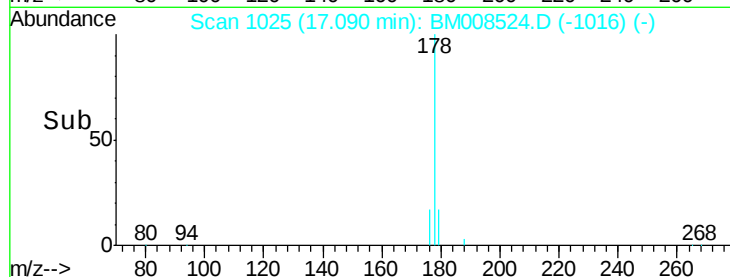
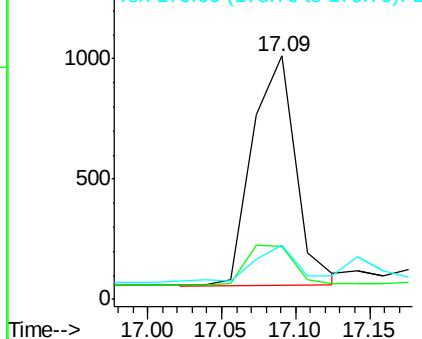
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.28 ng/ul

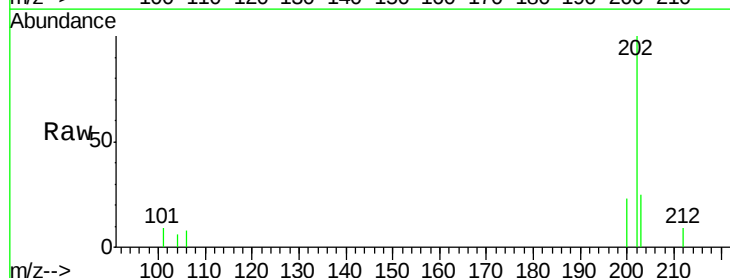
RT: 19.12 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

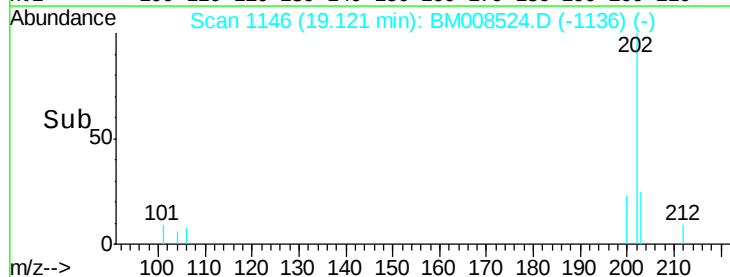
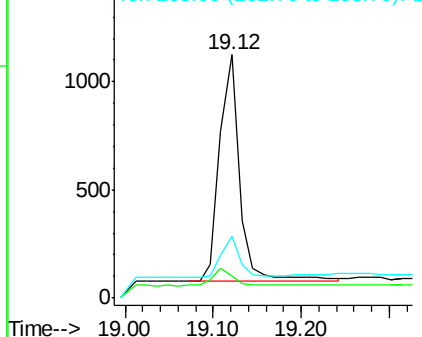
Tgt Ion:	202	Resp:	1684
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	30.3
203	25.4	0.0	39.5

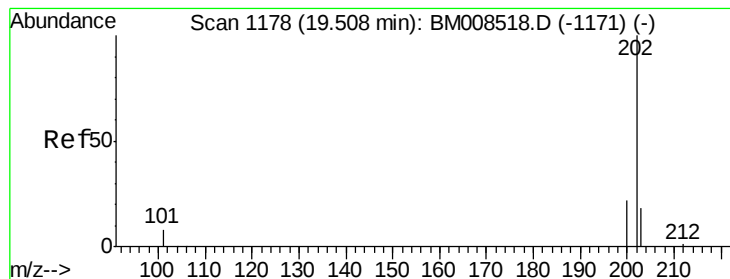


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.26 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM008524.D

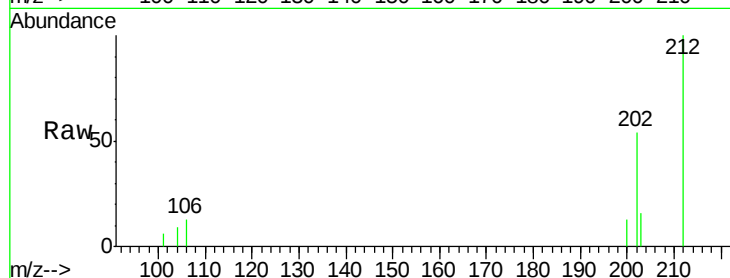
Acq: 21 Dec 2016 19:24

Instrument :

BNA_M

ClientSampleId :

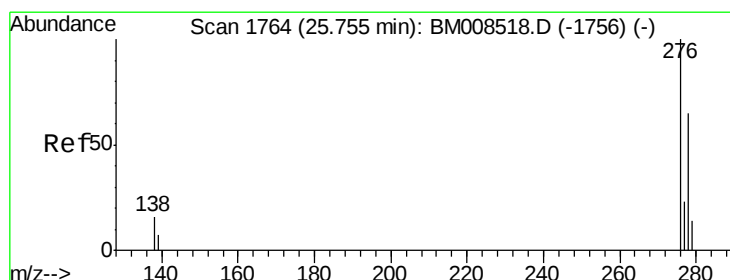
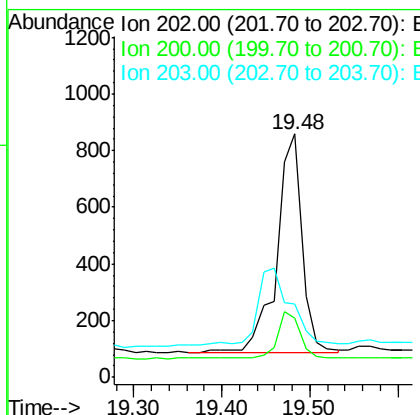
DA8X2



Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.2	27.4
203	30.0	15.6	23.4

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#24

Indeno(1,2,3-cd)pyrene

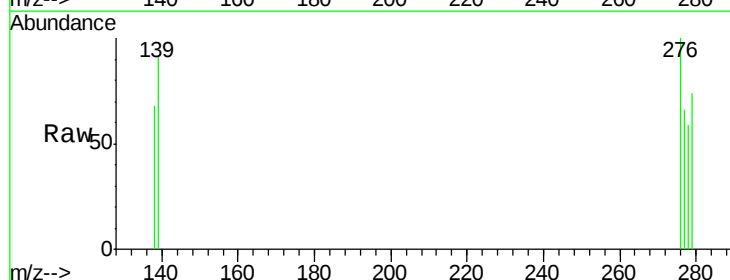
Concen: 0.07 ng/ul m

RT: 25.72 min Scan# 1761

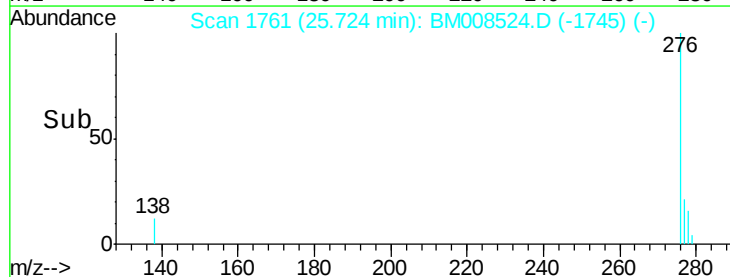
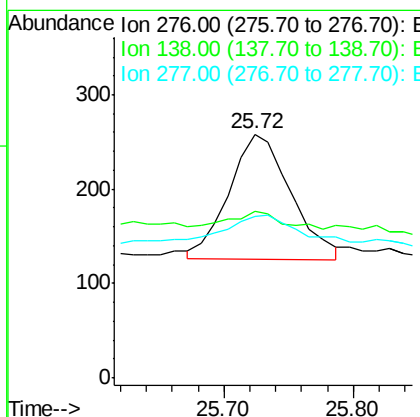
Delta R.T. -0.03 min

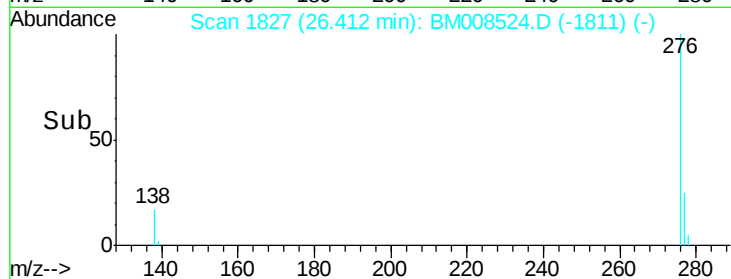
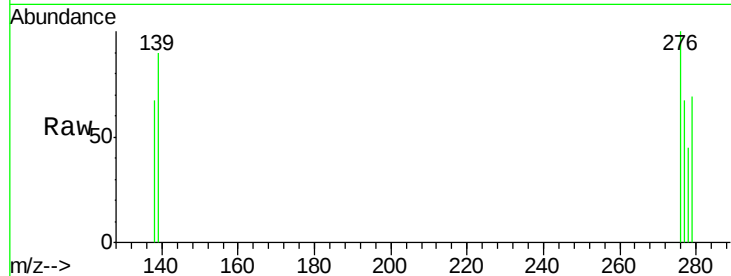
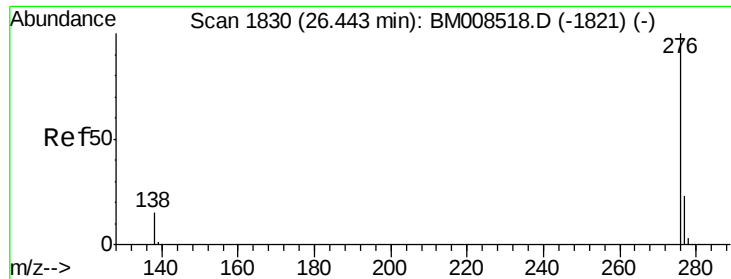
Lab File: BM008524.D

Acq: 21 Dec 2016 19:24



Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7
277	0.0	19.6	29.4





#26

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul m

RT: 26.41 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Instrument :

BNA_M

ClientSampleId :

DA8X2

Tgt Ion:	276	Resp:	512
Ion Ratio	Lower	Upper	
276	100		
277	66.8	21.8	32.8#
138	66.8	20.5	30.7#

Manual Integrations
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