

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004780.D
 Acq On : 25 Mar 2016 16:39
 Operator : UM/SJ
 Sample : H1909-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T38

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:44 PM

Quant Time: Apr 05 18:55:48 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1783	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	7607	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	4319	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	8525m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	5433	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	4391m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	6293	7.83	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2405	0.23	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3933	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	1147	0.06	ng/ul#	82
9) Acenaphthylene	14.18	152	605	0.03	ng/ul#	78
14) Phenanthrene	17.24	178	4934m	0.21	ng/ul	
15) Anthracene	17.33	178	1000	0.04	ng/ul#	79
17) Fluoranthene	19.27	202	11495	0.42	ng/ul	97
19) Pyrene	19.63	202	10885	0.59	ng/ul	96
20) Benzo(a)anthracene	21.38	228	4100	0.25	ng/ul#	89
21) Chrysene	21.43	228	4811	0.30	ng/ul	94
23) Benzo(b)fluoranthene	22.99	252	7109m	0.48	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	1815m	0.13	ng/ul	
25) Benzo(a)pyrene	23.58	252	5105m	0.38	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	3077m	0.25	ng/ul	
27) Dibenzo(a,h)anthracene	26.02	278	797m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.71	276	3028m	0.29	ng/ul	

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

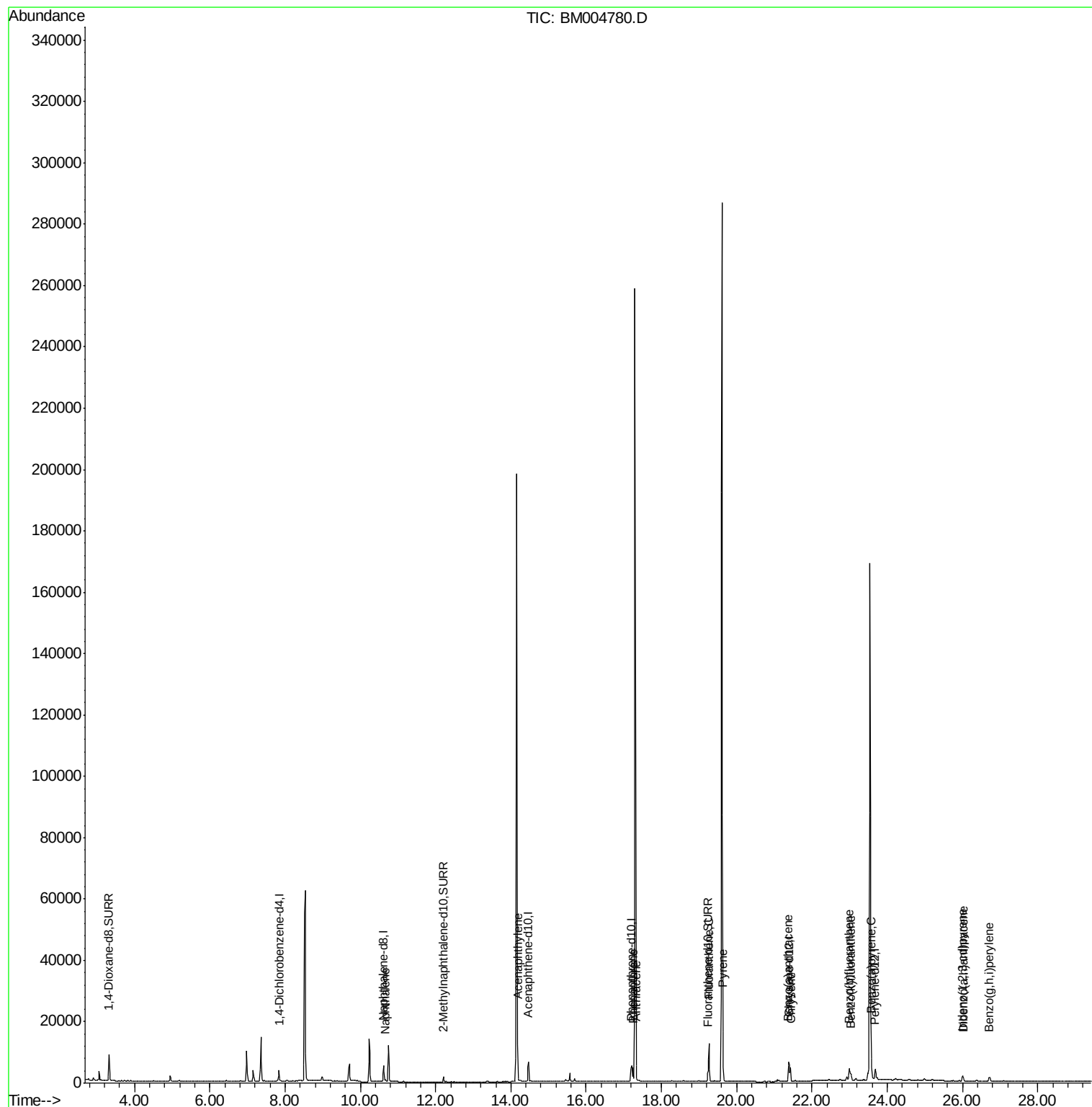
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
Data File : BM004780.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

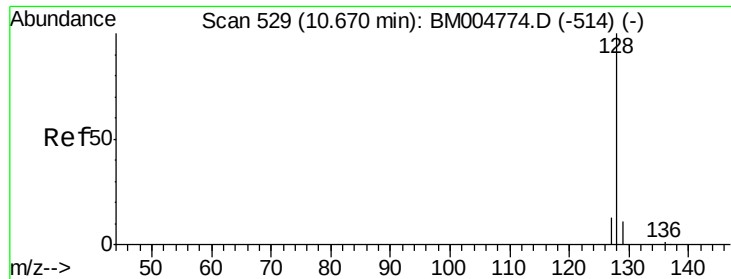
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.06 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Instrument :

BNA_M

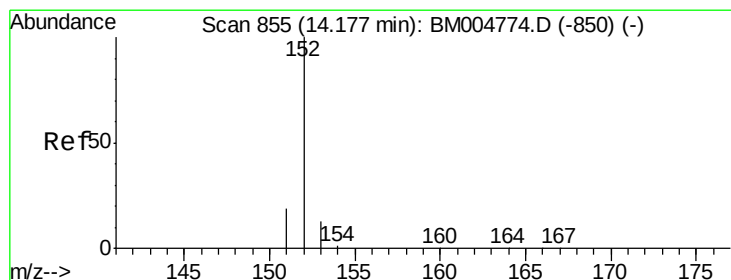
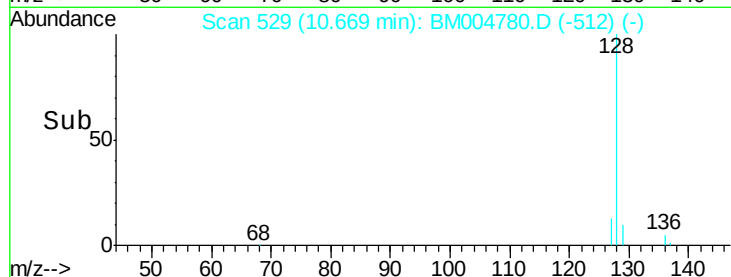
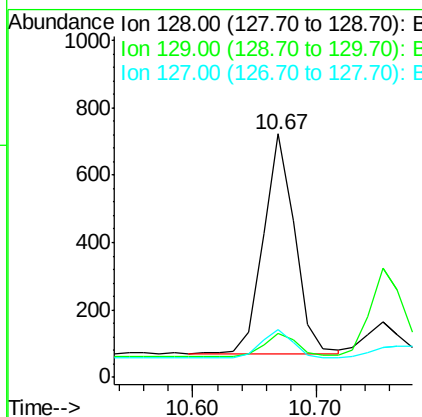
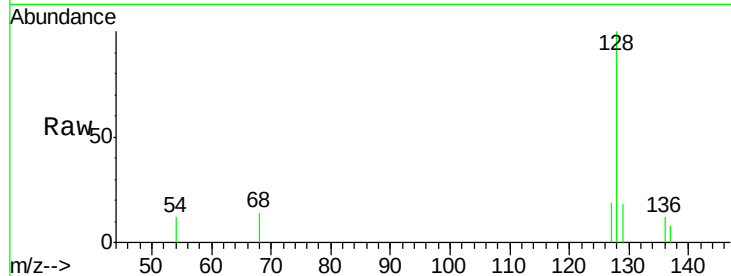
ClientSampleId :

A4T38

Tot Ion:	128	Resp:	1147
Ion Ratio	Lower	Upper	
128	100		
129	18.0	9.0	13.6#
127	19.4	9.6	14.4#

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#9

Acenaphthylene

Concen: 0.03 ng/ul

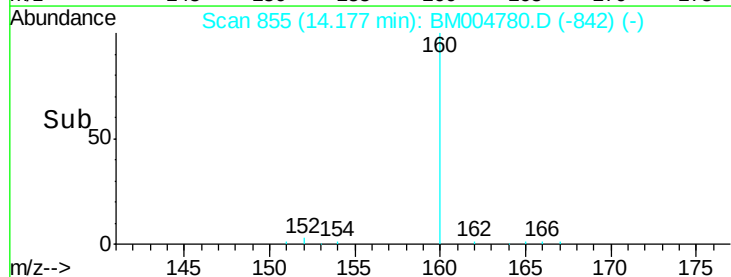
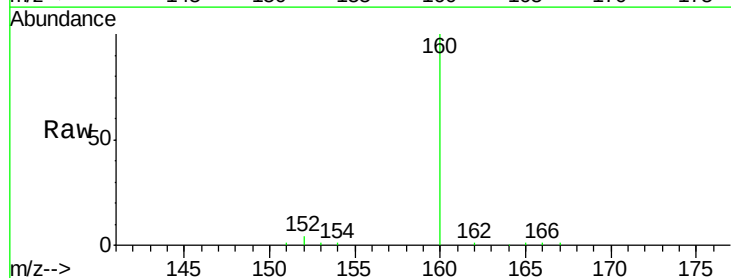
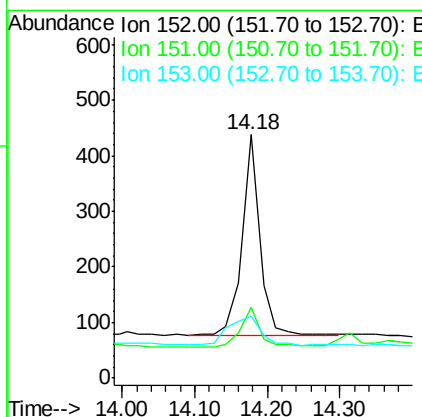
RT: 14.18 min Scan# 855

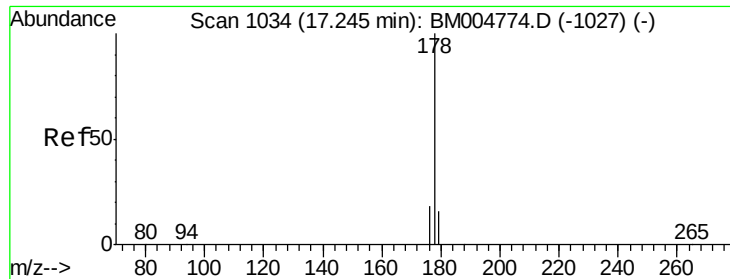
Delta R.T. -0.00 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Tgt Ion:	152	Resp:	605
Ion Ratio	Lower	Upper	
152	100		
151	29.0	17.6	26.4#
153	25.3	9.7	14.5#





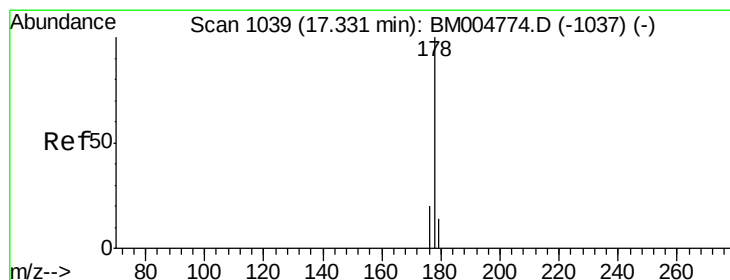
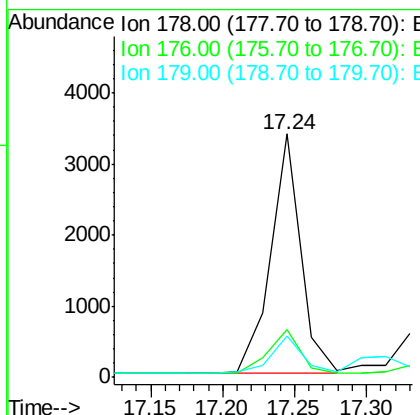
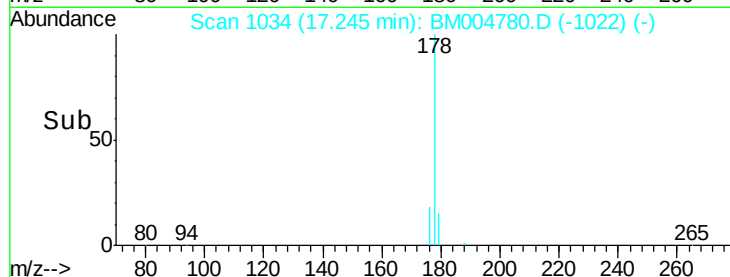
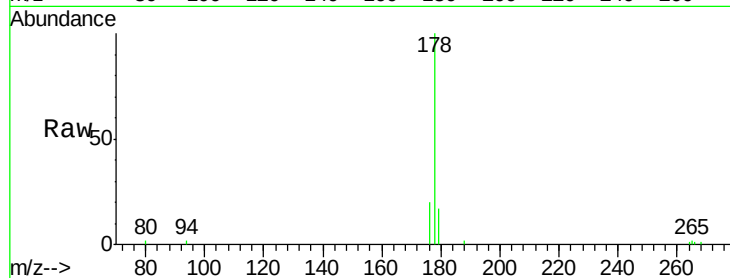
#14
Phenanthrene
Concen: 0.21 ng/ul m
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004780.D
Acq: 25 Mar 2016 16:39

Instrument :
BNA_M
ClientSampleId :
A4T38

Tot Ion:178 Resp: 4934
Ion Ratio Lower Upper
178 100
176 19.6 13.0 19.4#
179 17.1 14.2 21.2

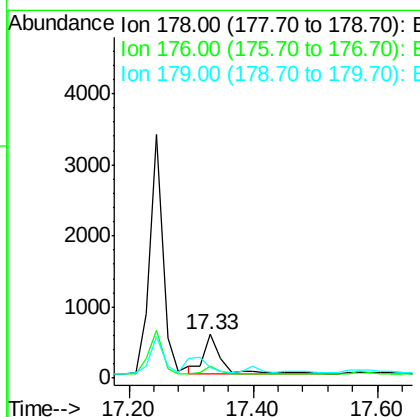
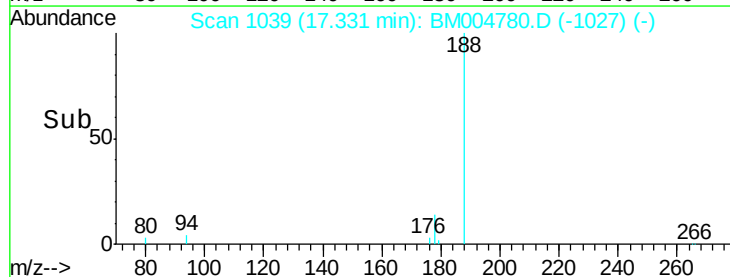
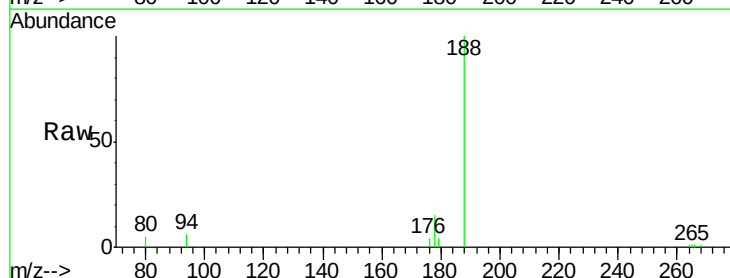
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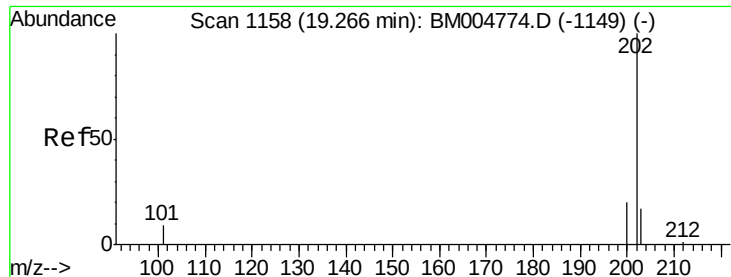
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#15
Anthracene
Concen: 0.04 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004780.D
Acq: 25 Mar 2016 16:39

Tgt Ion:178 Resp: 1000
Ion Ratio Lower Upper
178 100
176 26.7 14.0 21.0#
179 24.8 12.9 19.3#





#17

Fluoranthene

Concen: 0.42 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Instrument :

BNA_M

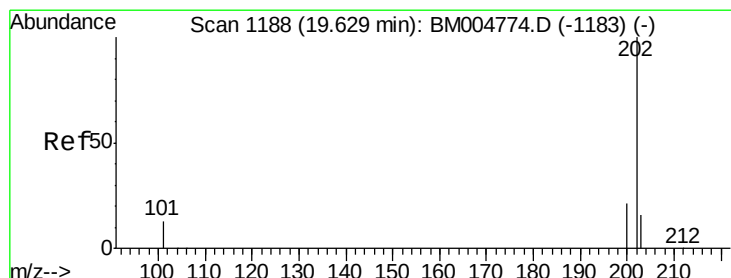
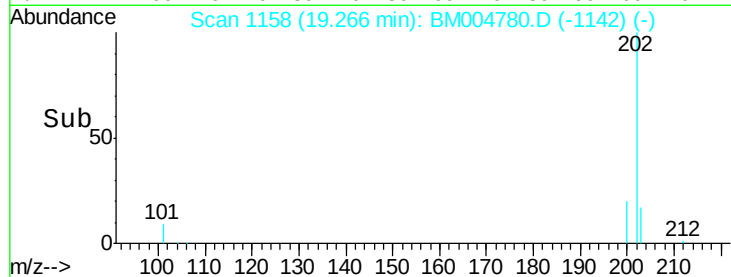
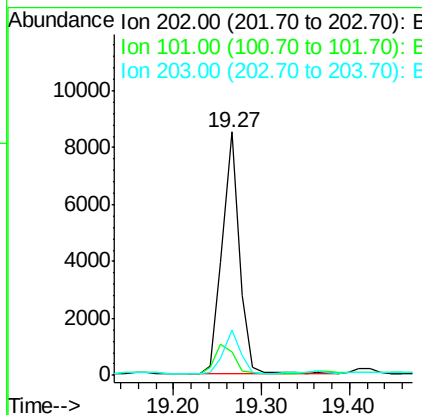
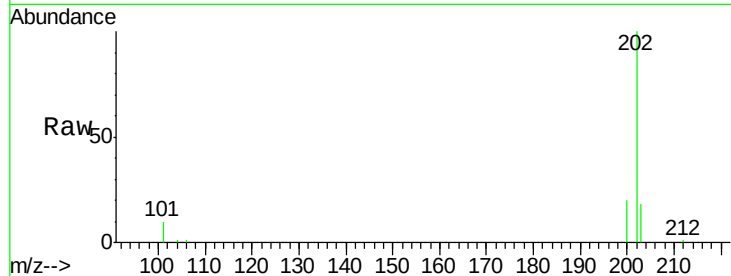
ClientSampled :

A4T38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		11495		
101	9.8	0.0	29.6		
203	18.5	0.0	36.3		

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#19

Pyrene

Concen: 0.59 ng/ul

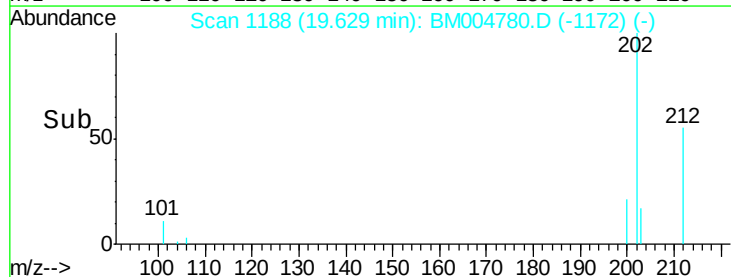
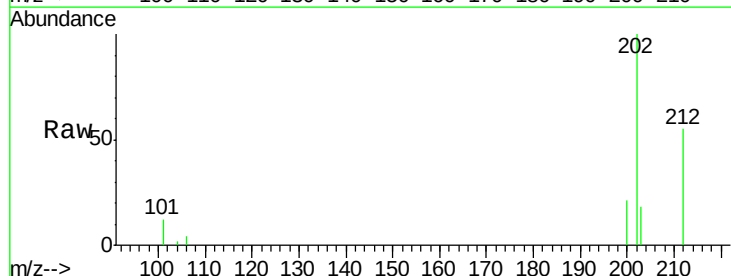
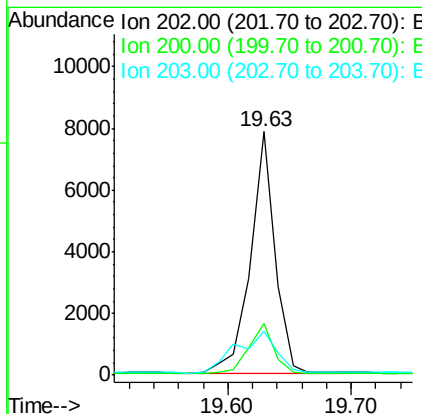
RT: 19.63 min Scan# 1188

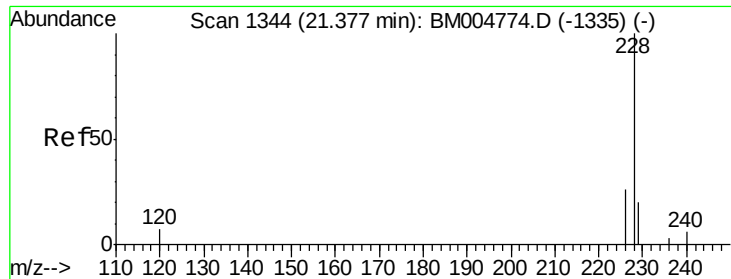
Delta R.T. -0.00 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		10885		
200	21.2	17.8	26.8		
203	18.3	12.8	19.2		





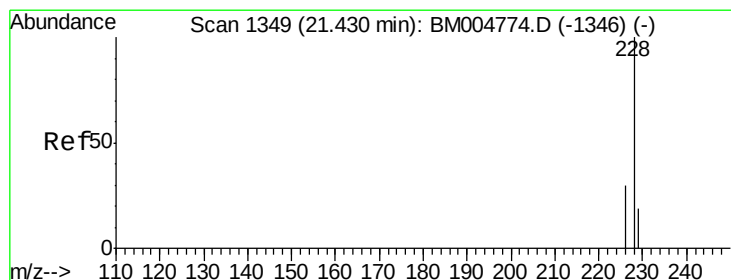
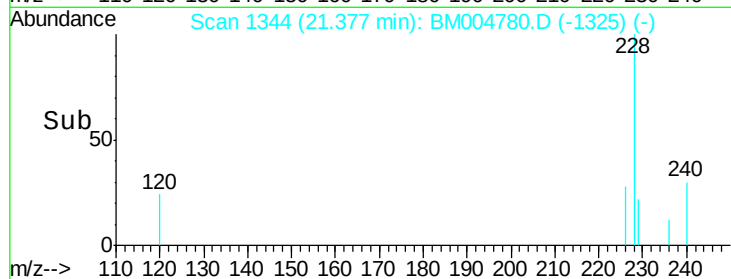
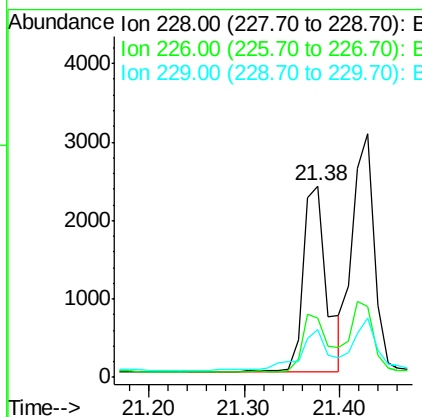
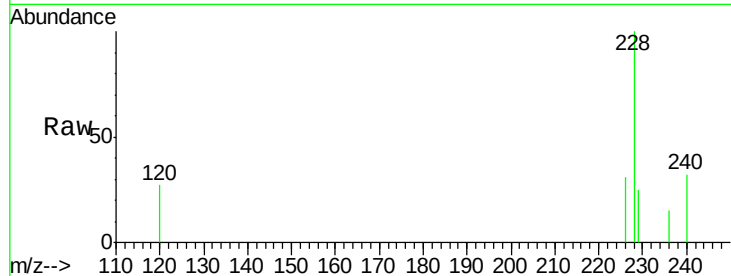
#20
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004780.D
Acq: 25 Mar 2016 16:39

Instrument :
BNA_M
ClientSampleId :
A4T38

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	18.8	28.2
229	25.2	17.1	25.7

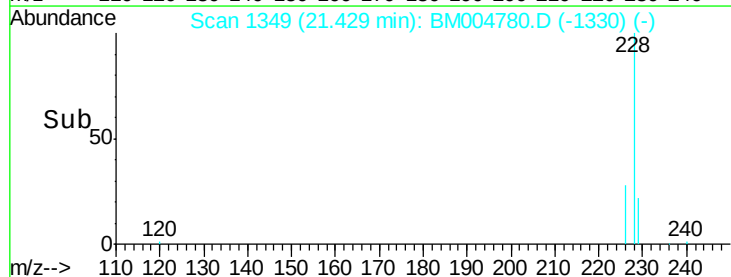
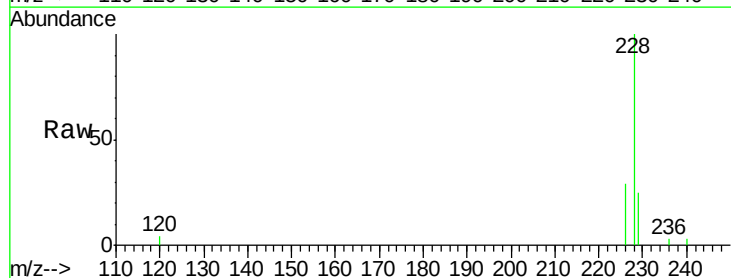
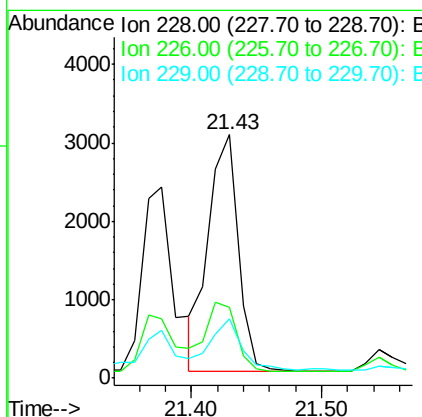
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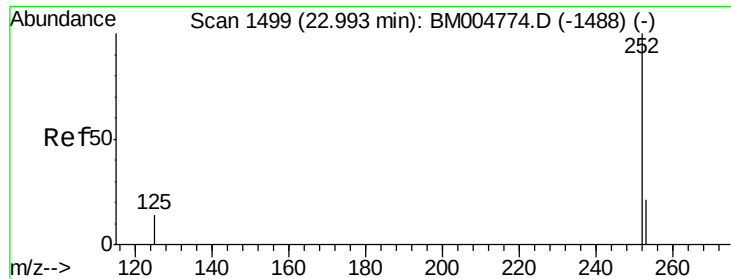
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#21
Chrysene
Concen: 0.30 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BM004780.D
Acq: 25 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.2	31.8
229	24.5	17.0	25.6





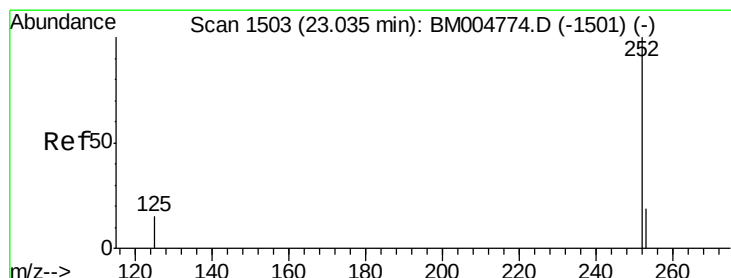
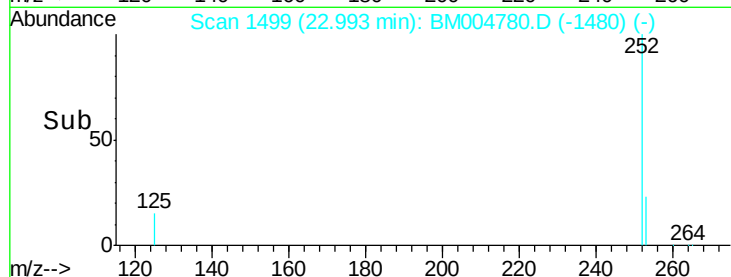
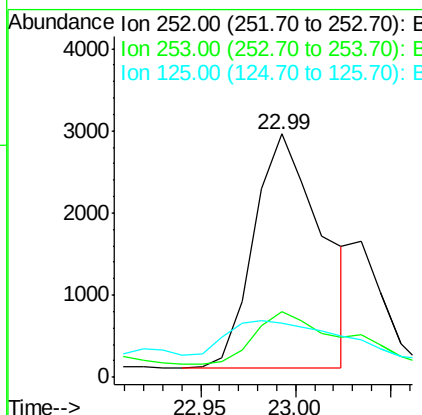
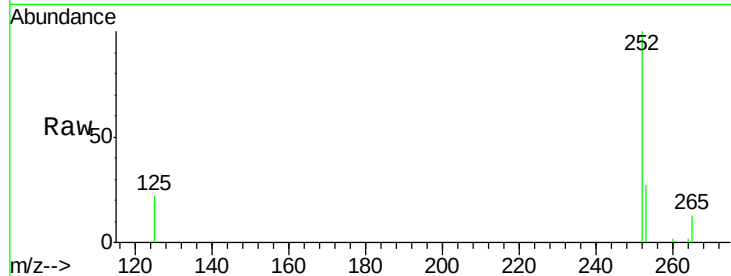
#23
Benzo(b)fluoranthene
Concen: 0.48 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM004780.D
Acq: 25 Mar 2016 16:39

Instrument :
BNA_M
ClientSampleId :
A4T38

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	45.4
125	22.4	0.0	28.8

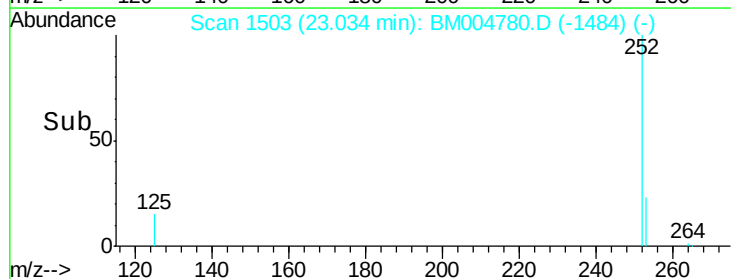
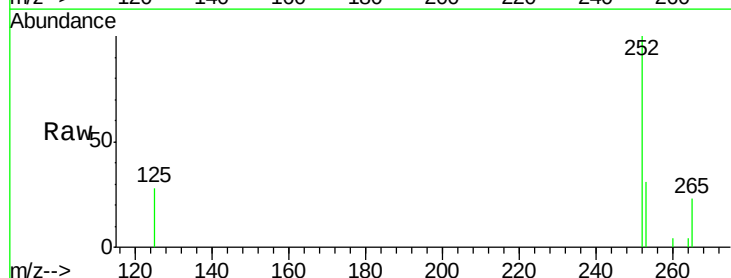
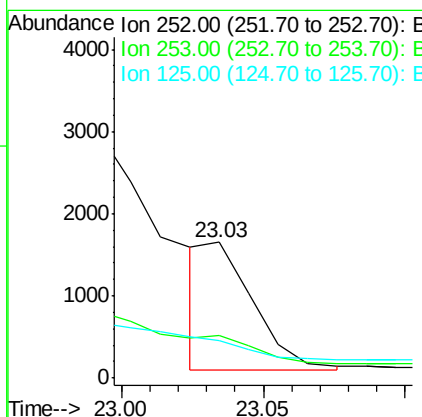
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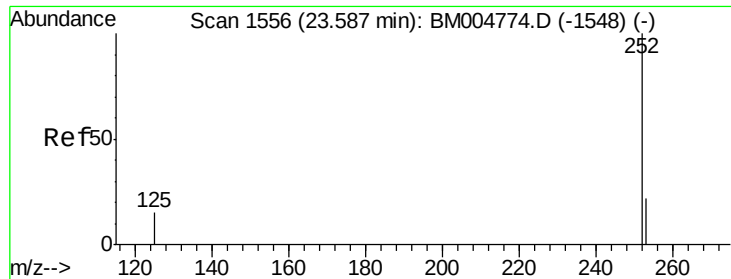
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#24
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 23.03 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BM004780.D
Acq: 25 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	19.8	29.8#
125	27.8	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.38 ng/ul m

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004780.D

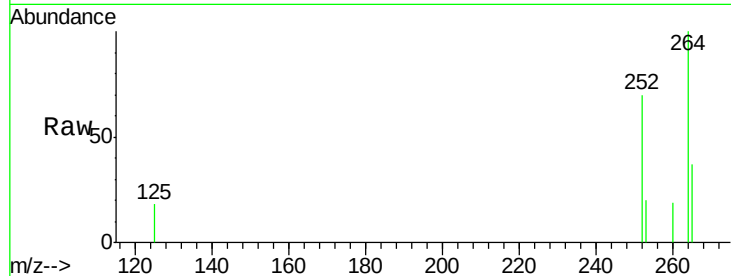
Acq: 25 Mar 2016 16:39

Instrument :

BNA_M

ClientSampleId :

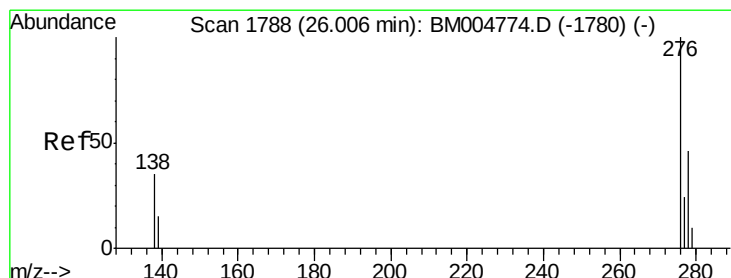
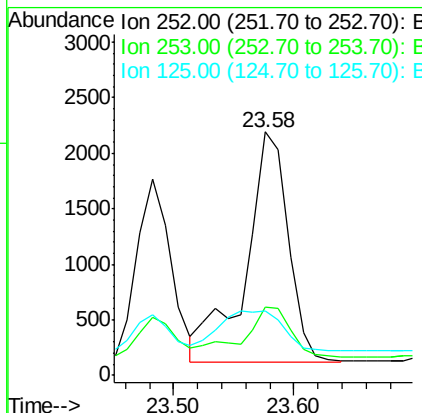
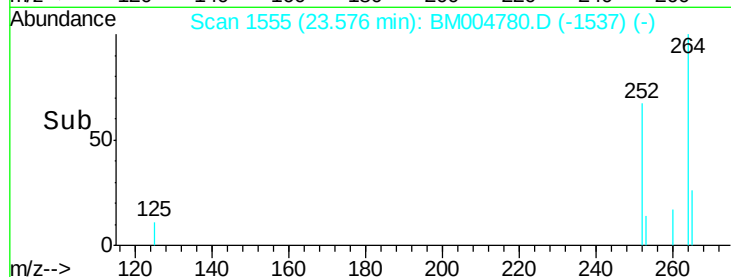
A4T38



Tot Ion:	252	Resp:	5105
Ion Ratio	Lower	Upper	
252	100		
253	28.0	19.4	29.2
125	26.4	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.25 ng/ul m

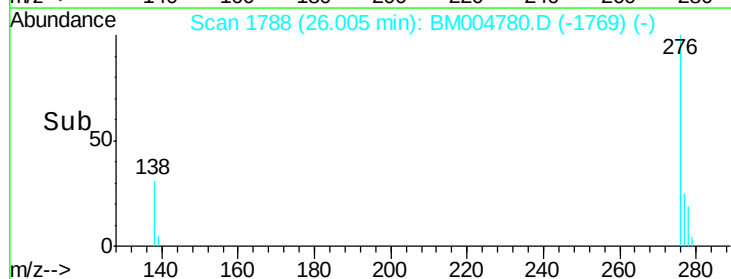
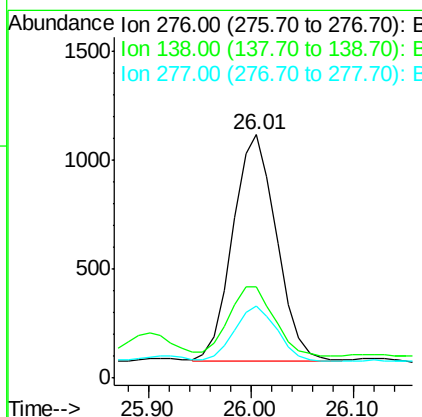
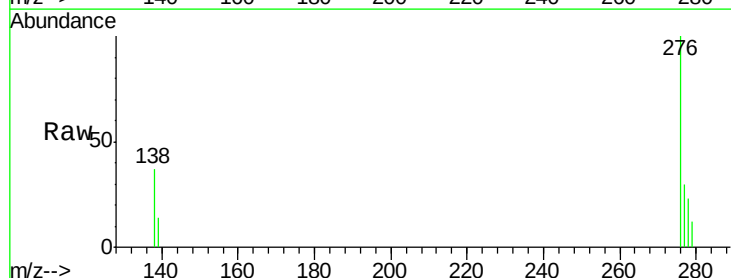
RT: 26.01 min Scan# 1788

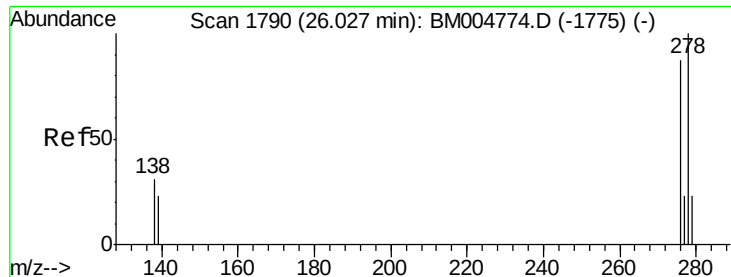
Delta R.T. -0.00 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Tgt Ion:	276	Resp:	3077
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#





#27

Dibenzo(a,h)anthracene

Concen: 0.08 ng/ul m

RT: 26.02 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Instrument :

BNA_M

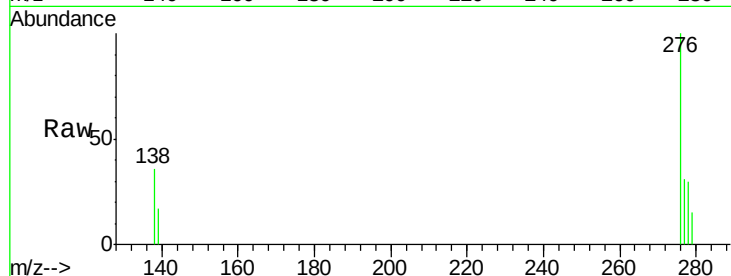
ClientSampleId :

A4T38

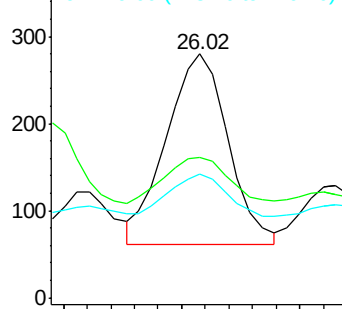
Tot Ion:278	Resp:	797
Ion Ratio	Lower	Upper
278	100	
139	57.5	16.4 24.6#
279	50.7	20.2 30.2#

Manual Integrations
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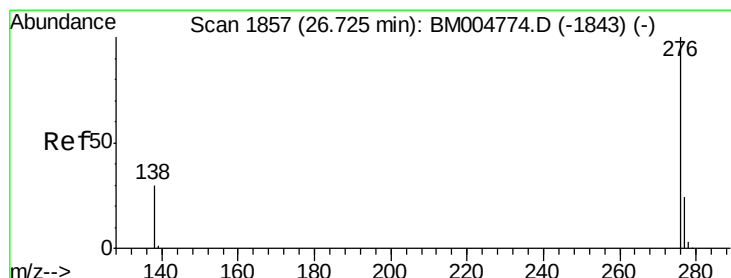
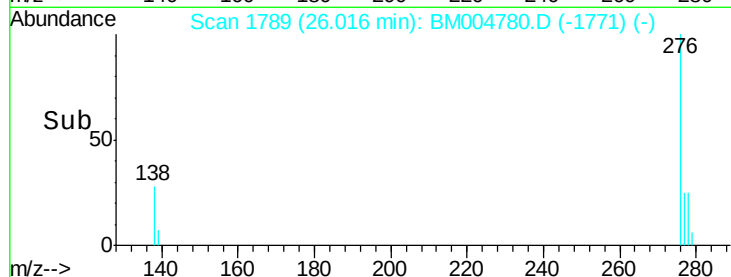
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#28

Benzo(g,h,i)perylene

Concen: 0.29 ng/ul m

RT: 26.71 min Scan# 1856

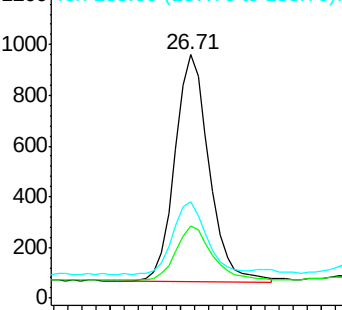
Delta R.T. -0.01 min

Lab File: BM004780.D

Acq: 25 Mar 2016 16:39

Tgt Ion:276	Resp:	3028
Ion Ratio	Lower	Upper
276	100	
277	29.7	18.9 28.3#
138	39.6	22.5 33.7#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

