

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002028.D
 Acq On : 23 Jul 2015 22:14
 Operator : TP/UM
 Sample : G3000-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B1RE

Manual Integrations
 APPROVED

apatel
 7/24/2015 4:49:48 PM

Quant Time: Jul 24 04:01:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	92146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	354497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	184131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	369046	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	394485	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	413098	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3232	1.72	ng/uL	0.00
5) Phenol-d5	6.79	99	87330	11.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	49216	12.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	75611	12.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	67017	10.85	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	32890	12.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	29957	10.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	72268	12.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	76872	12.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	203289	13.69	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	224750	12.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	25445	10.12	ng/ul	0.00
57) Fluorene-d10	15.27	176	152174	11.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	2319	0.97	ng/ul	0.00
70) Anthracene-d10	17.13	188	223768	12.92	ng/ul	0.00
78) Pyrene-d10	19.43	212	229193	12.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	234108	11.21	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.44	105	16698	1.71	ng/ul#	91
44) Dimethylphthalate	13.74	163	166063	10.99	ng/ul	99
69) Phenanthrene	17.07	178	38553	1.93	ng/ul	98
71) Anthracene	17.16	178	25007	1.21	ng/ul	98
76) Fluoranthene	19.09	202	129461	5.54	ng/ul	98
79) Pyrene	19.46	202	113966	4.83	ng/ul	99
82) Benzo(a)anthracene	21.21	228	57530	2.45	ng/ul	95
84) Chrysene	21.26	228	61633m	2.80	ng/ul	
87) Benzo(b)fluoranthene	22.77	252	72724	2.87	ng/ul#	85
88) Benzo(k)fluoranthene	22.82	252	26410m	1.09	ng/ul	
90) Benzo(a)pyrene	23.34	252	51712	2.17	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.67	276	35321	1.41	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	32155	1.57	ng/ul#	83

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

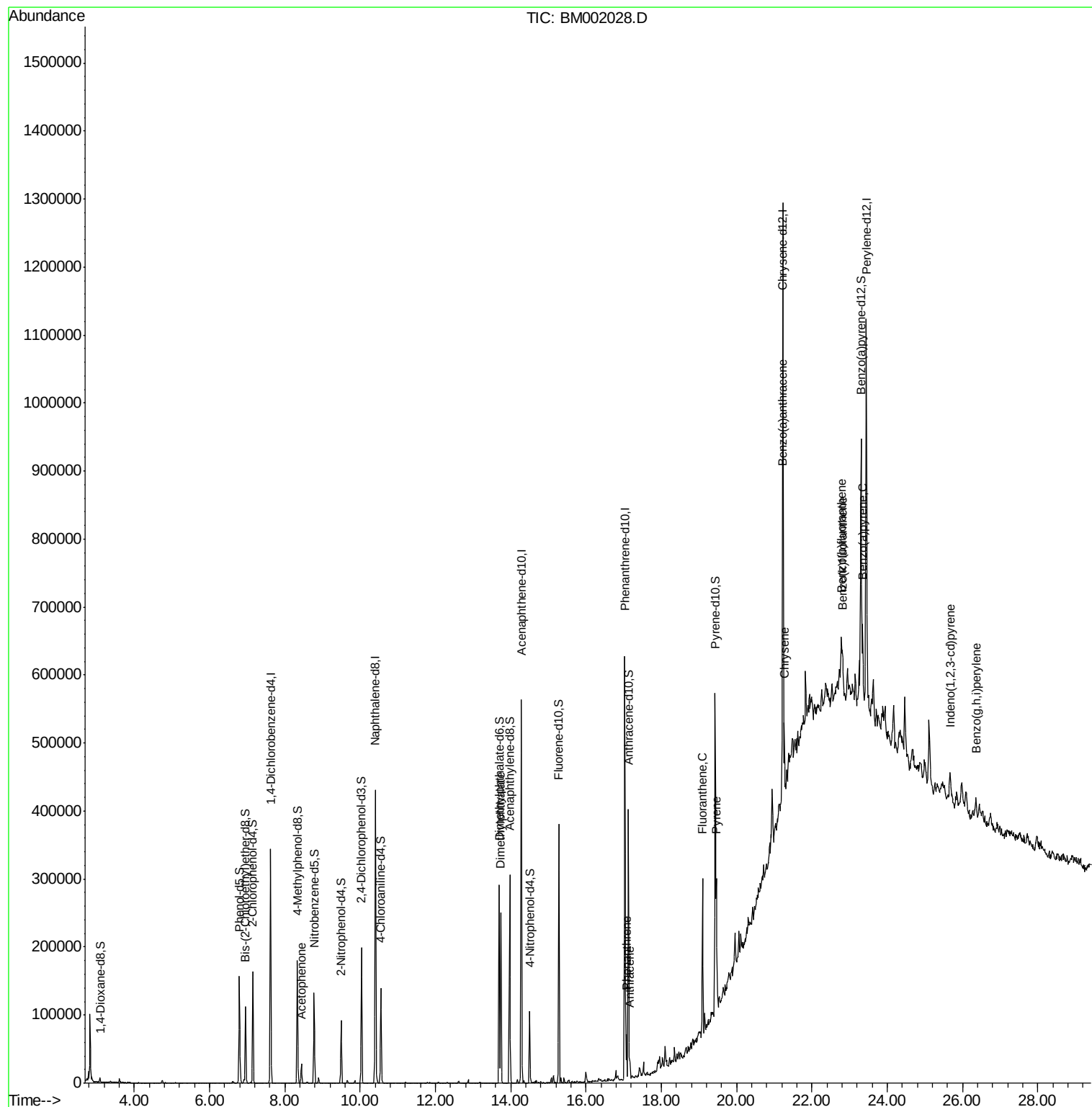
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002028.D
Acq On : 23 Jul 2015 22:14
Operator : TP/UM
Sample : G3000-05RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

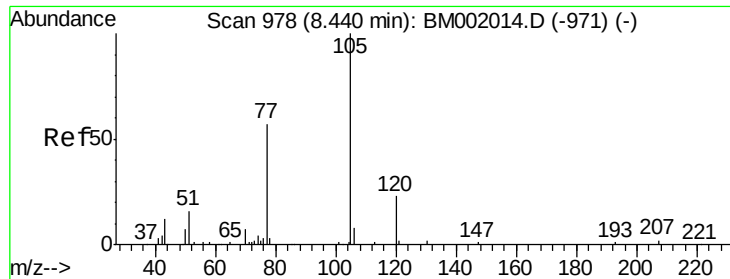
Instrument :
BNA_M
ClientSampleId :
C02B1RE

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Quant Time: Jul 24 04:01:18 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration





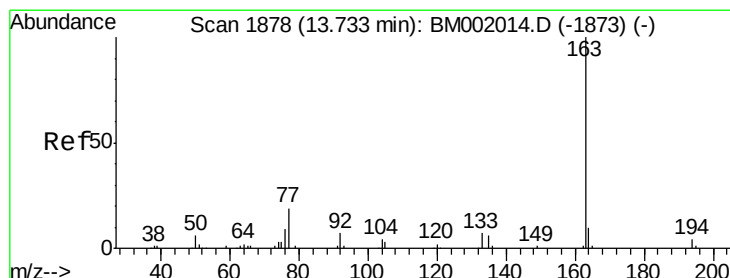
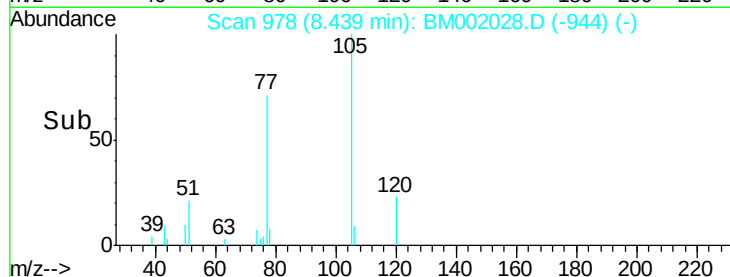
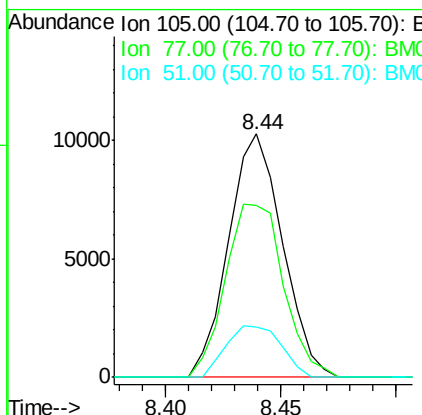
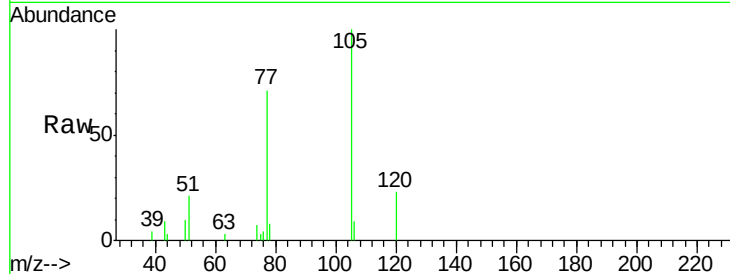
#14
Acetophenone
Concen: 1.71 ng/ul
RT: 8.44 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM002028.D
Acq: 23 Jul 2015 22:14

Instrument :
BNA_M
ClientSampleId :
C02B1RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	70.8	62.2	93.4
51	20.8	21.4	32.0

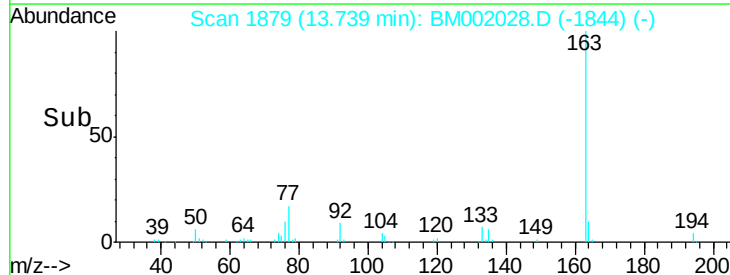
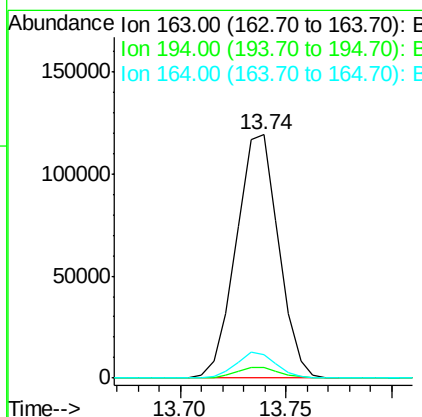
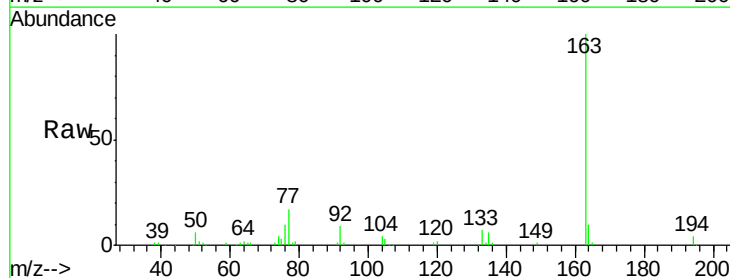
Manual Integrations
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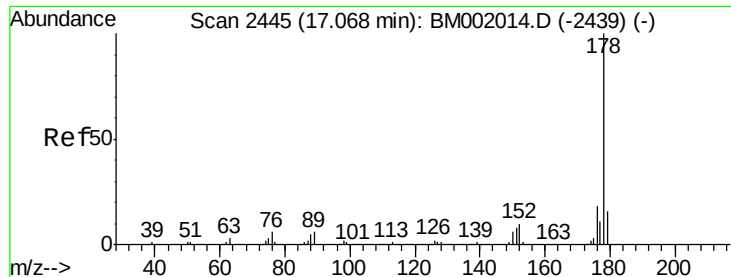
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#44
Dimethylphthalate
Concen: 10.99 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002028.D
Acq: 23 Jul 2015 22:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.5	5.3
164	9.7	8.2	12.4





#69

Phenanthrene

Concen: 1.93 ng/ul

RT: 17.07 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

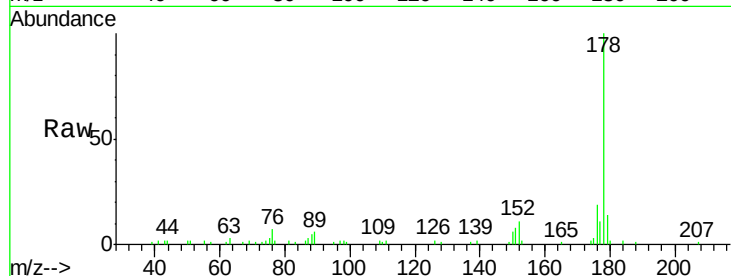
ClientSampleId :

C02B1RE

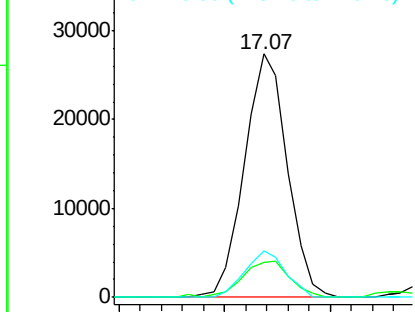
Tgt Ion:	178	Resp:	38553
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.1	18.1
176	19.1	14.6	21.8

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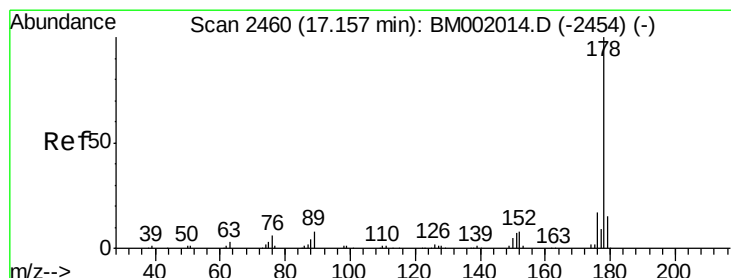
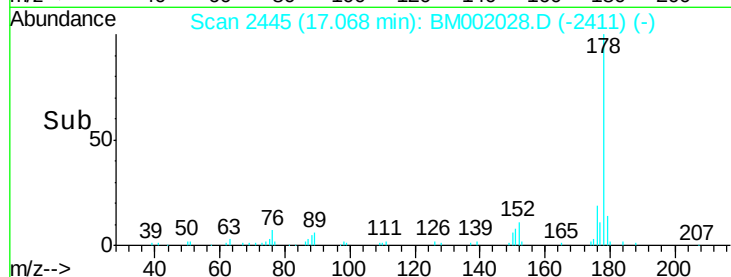
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.00 17.05 17.10



#71

Anthracene

Concen: 1.21 ng/ul

RT: 17.16 min Scan# 2461

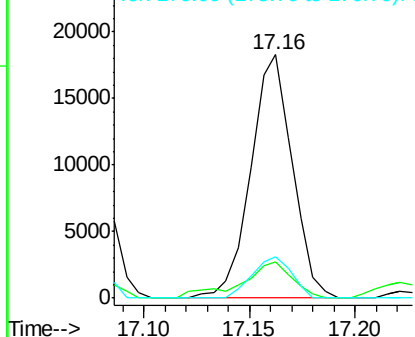
Delta R.T. 0.01 min

Lab File: BM002028.D

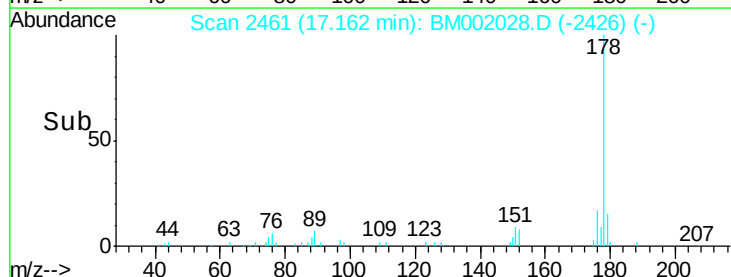
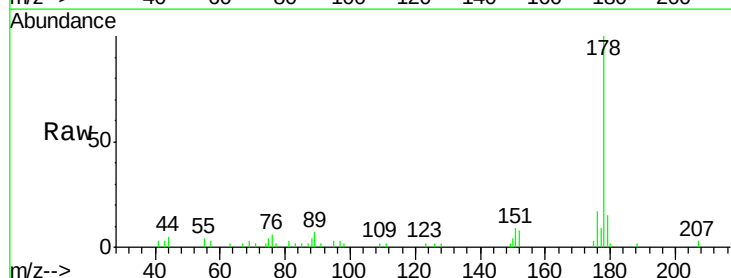
Acq: 23 Jul 2015 22:14

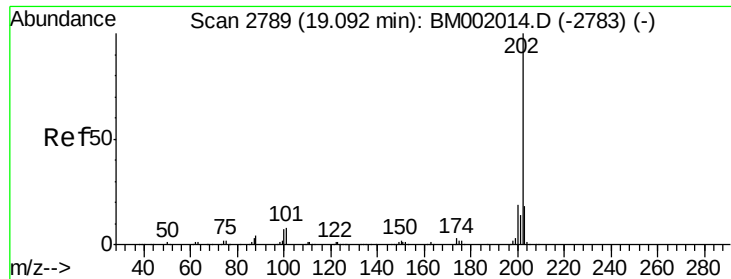
Tgt Ion:	178	Resp:	25007
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	17.0	14.3	21.5

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.10 17.15 17.20





#76

Fluoranthene

Concen: 5.54 ng/ul

RT: 19.09 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

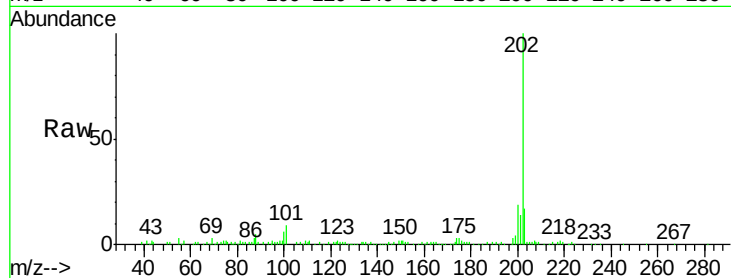
ClientSampleId :

C02B1RE

Tgt Ion:	202	Resp:	129461
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.3	9.5
100	6.5	5.0	7.4

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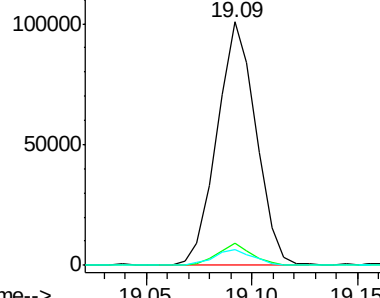
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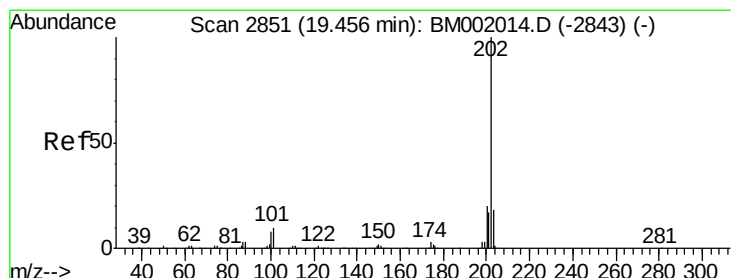
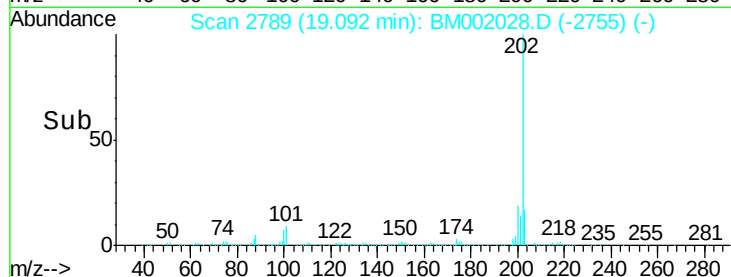
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 4.83 ng/ul

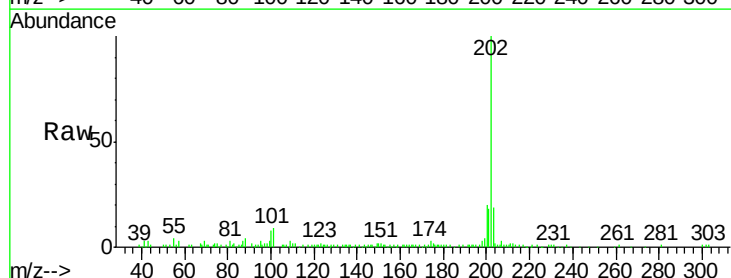
RT: 19.46 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

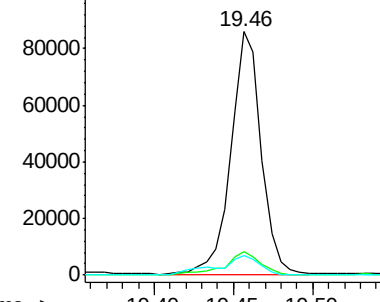
Tgt Ion:	202	Resp:	113966
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.3	10.9
100	8.2	6.2	9.4



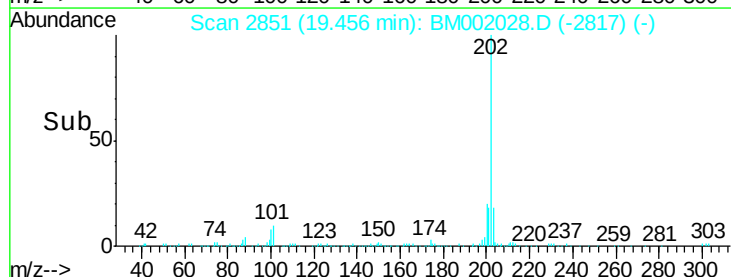
Abundance Ion 202.00 (201.70 to 202.70): E

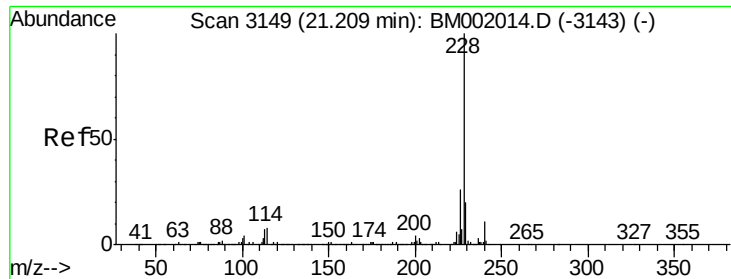
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





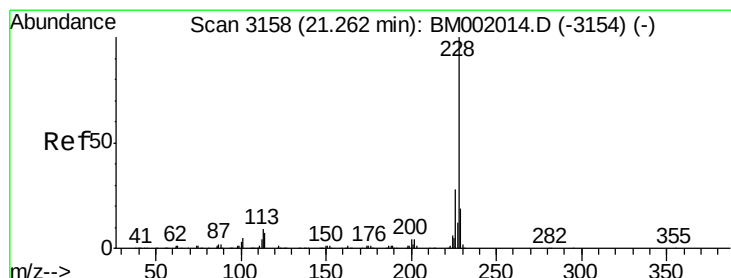
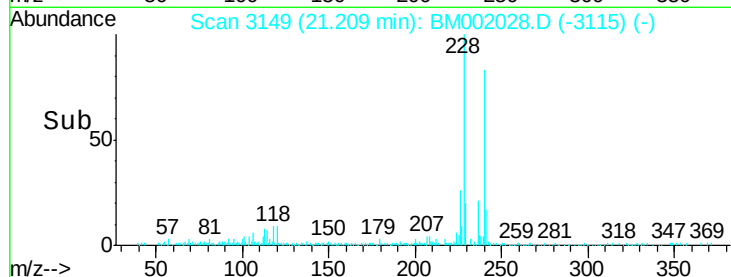
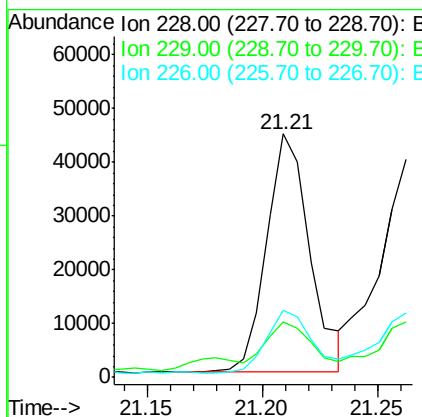
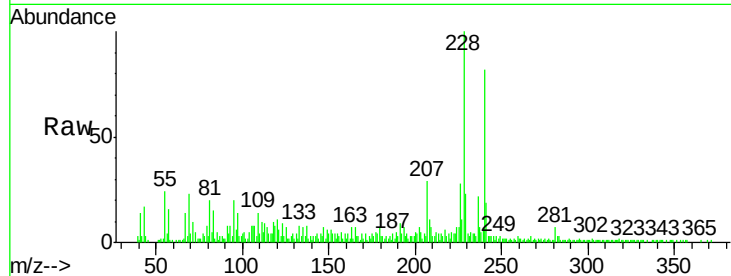
#82
Benzo(a)anthracene
Concen: 2.45 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BM002028.D
Acq: 23 Jul 2015 22:14

Instrument :
BNA_M
ClientSampleId :
C02B1RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.4	23.2
226	27.6	20.7	31.1

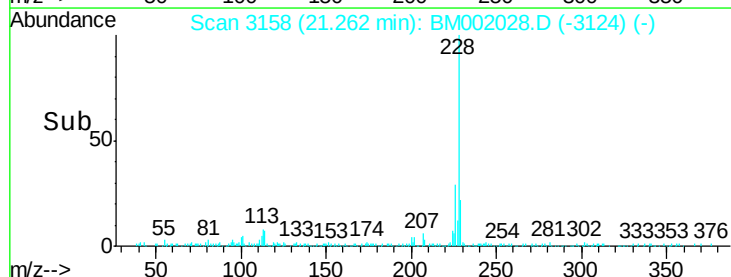
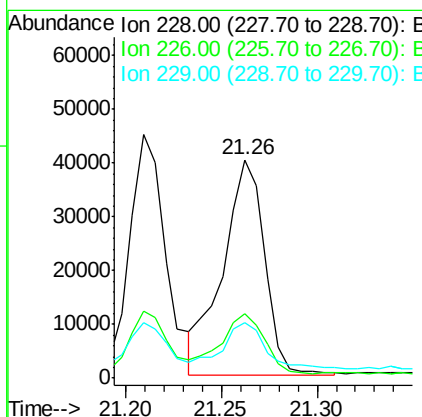
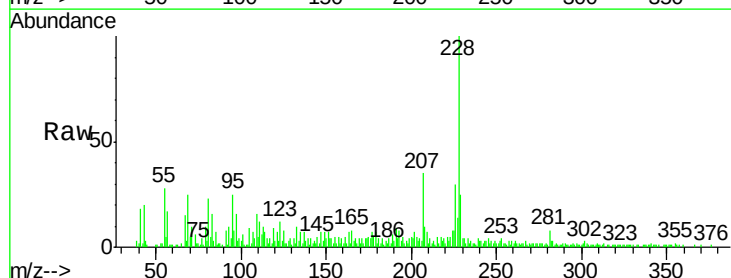
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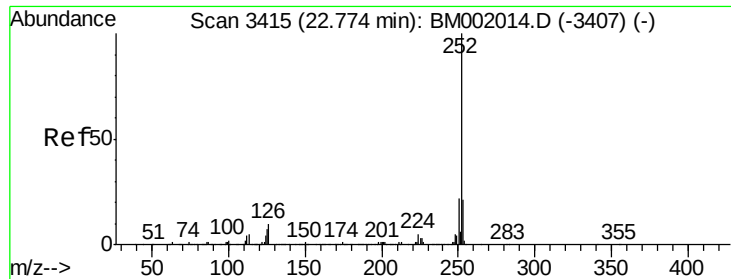
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#84
Chrysene
Concen: 2.80 ng/ul m
RT: 21.26 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BM002028.D
Acq: 23 Jul 2015 22:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	25.2	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BM002028.D

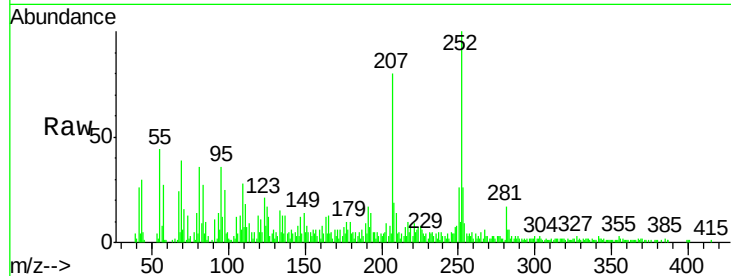
Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

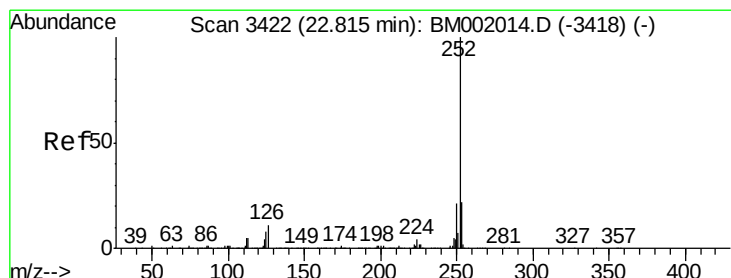
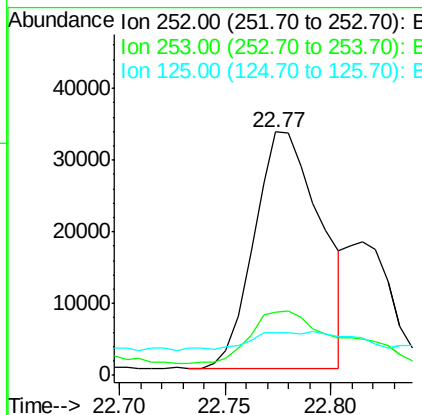
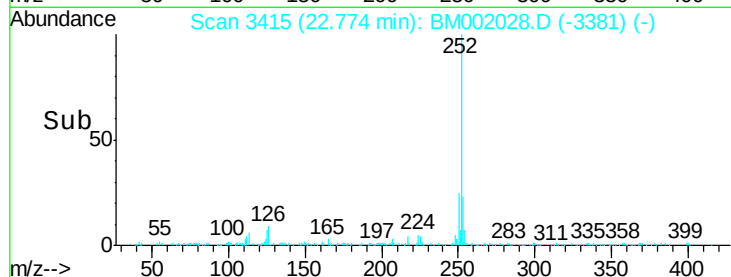
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	17.4	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

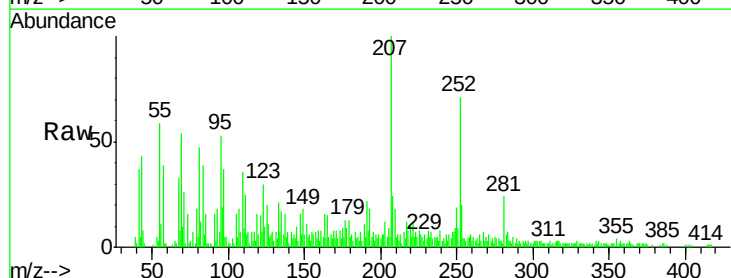
Concen: 1.09 ng/ul m

RT: 22.82 min Scan# 3422

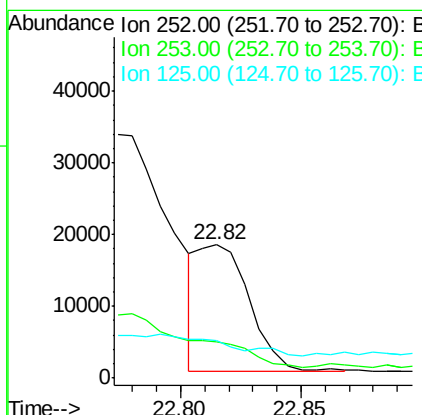
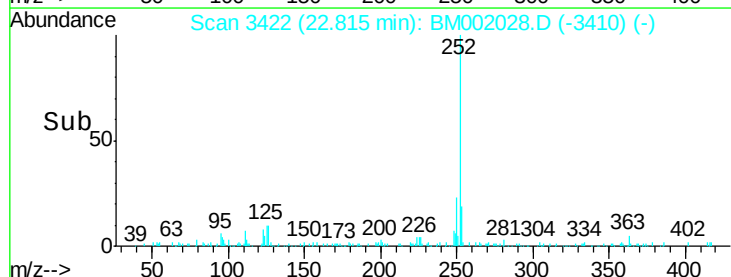
Delta R.T. -0.00 min

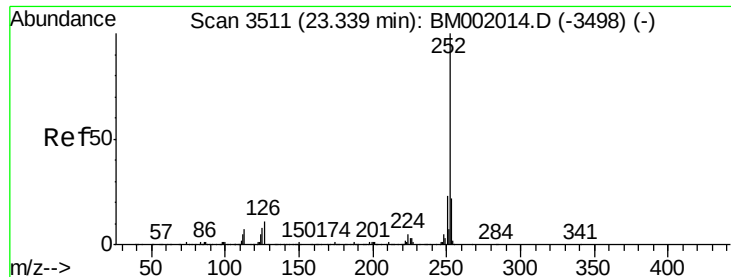
Lab File: BM002028.D

Acq: 23 Jul 2015 22:14



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.4	26.2#
125	28.1	5.1	7.7#





#90

Benzo(a)pyrene

Concen: 2.17 ng/ul

RT: 23.34 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BM002028.D

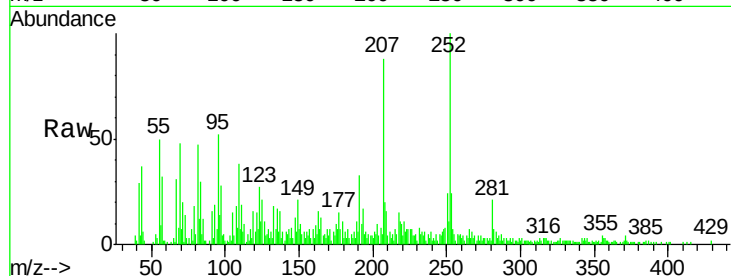
Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

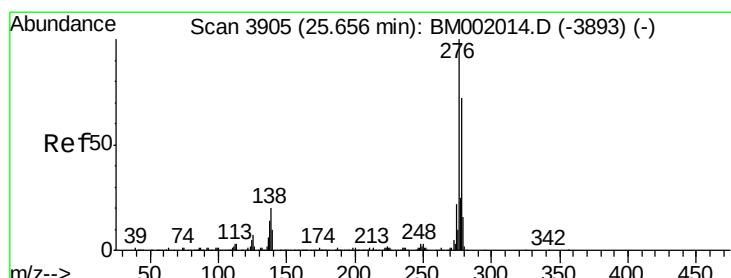
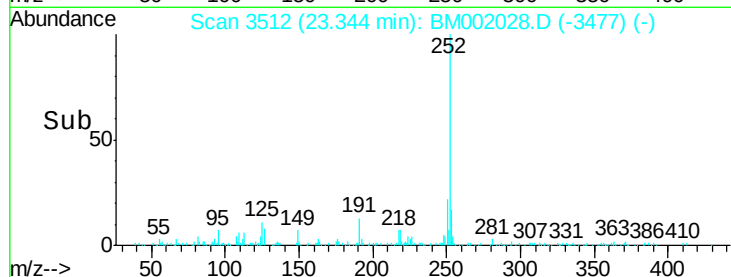
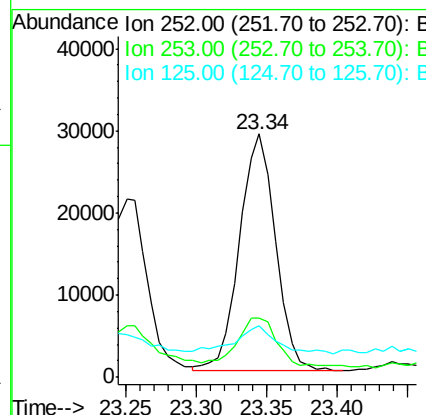
C02B1RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	21.4	6.0	9.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng/ul

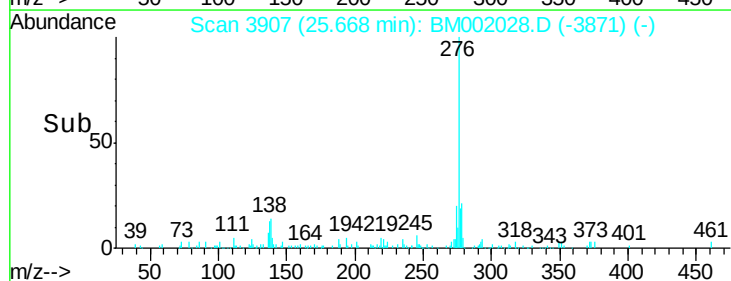
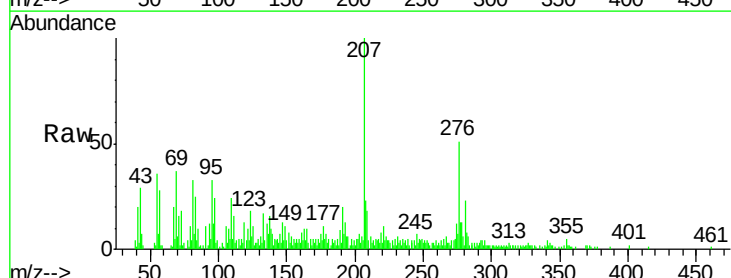
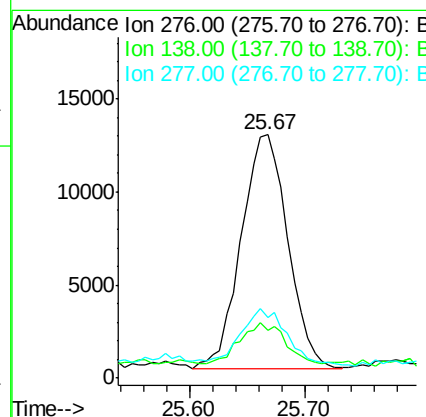
RT: 25.67 min Scan# 3907

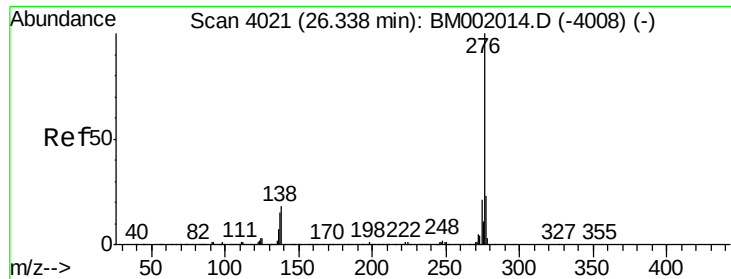
Delta R.T. 0.01 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.2	22.8
277	25.1	20.1	30.1





#93

Benzo(g,h,i)perylene

Concen: 1.57 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM002028.D

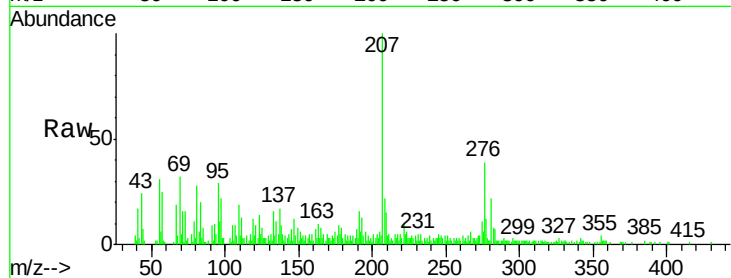
Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

C02B1RE



Tgt Ion:	276	Resp:	32155
Ion Ratio	Lower	Upper	
276	100		
138	24.2	12.7	19.1#
277	30.5	18.6	28.0#

Manual Integrations
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