

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006639.D
 Acq On : 23 Jul 2016 00:17
 Operator : UM/SJ
 Sample : H4076-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YQ4

Manual Integrations

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Quant Time: Jul 23 01:16:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	179045	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	813408	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	458503	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1011631	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1010963	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	1062623	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	10424	2.35	ng/uL	0.00
3) Phenol-d5	6.80	99	431969	28.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	266190	28.21	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	335984	27.60	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	183416	15.53	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	169986	27.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	182615	27.89	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	319215	25.80	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	226344	16.61	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	997554	27.75	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1277077	27.83	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	168920	27.05	ng/ul	0.02
21) Fluorene-d10	15.27	176	903268	28.09	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	44048	8.39	ng/ul	0.01
26) Anthracene-d10	17.13	188	1316259	27.40	ng/ul	0.01
30) Pyrene-d10	19.43	212	1419865	30.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1282109	26.23	ng/ul	0.02

Target Compounds

					Qvalue
25) Phenanthrene	17.07	178	184749	3.25 ng/ul	99
28) Fluoranthene	19.09	202	429896	6.43 ng/ul	99
31) Pyrene	19.46	202	372154	6.08 ng/ul	97
32) Benzo(a)anthracene	21.21	228	217063	3.54 ng/ul	96
33) Chrysene	21.26	228	221481m	3.92 ng/ul	
35) Benzo(b)fluoranthene	22.77	252	353374	5.55 ng/ul#	94
36) Benzo(k)fluoranthene	22.81	252	108339m	1.76 ng/ul	
38) Benzo(a)pyrene	23.34	252	206005	3.32 ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	25.65	276	179522	2.50 ng/ul	94

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

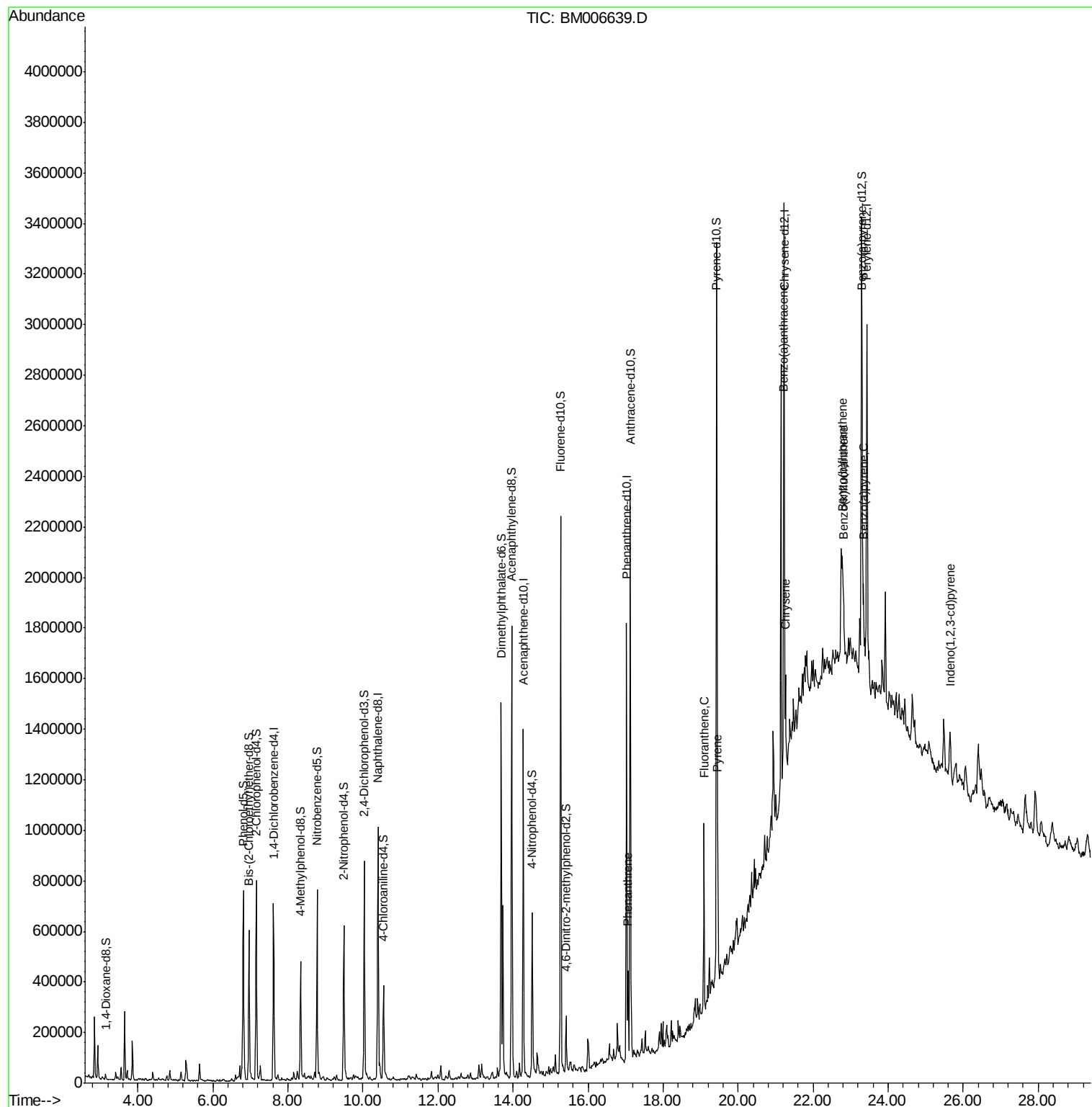
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006639.D
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ALS Vial : 22 Sample Multiplier: 1

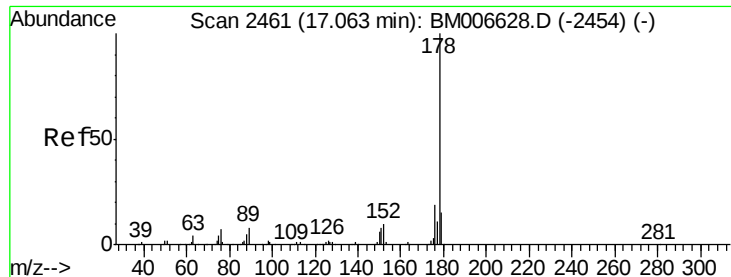
Instrument :
BNA_M
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Quant Time: Jul 23 01:16:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
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#25

Phenanthrene

Concen: 3.25 ng/ul

RT: 17.07 min Scan# 2462

Delta R.T. 0.01 min

Lab File: BM006639.D

Acq: 23 Jul 2016 00:17

Instrument :

BNA_M

ClientSampleId :

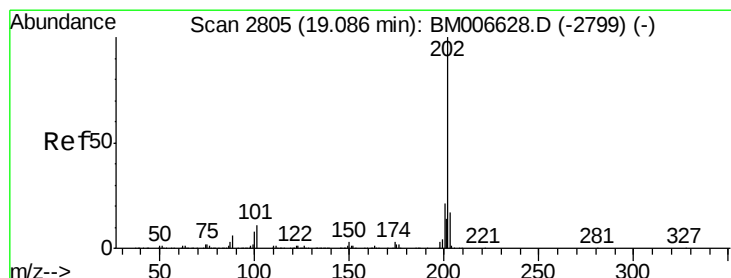
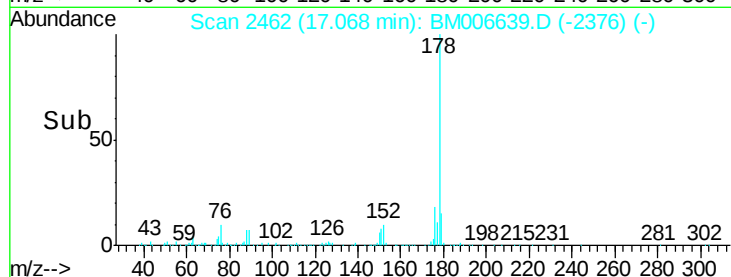
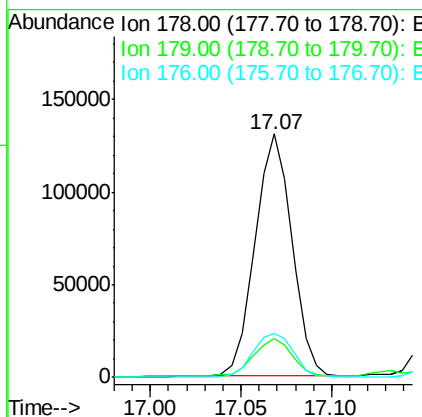
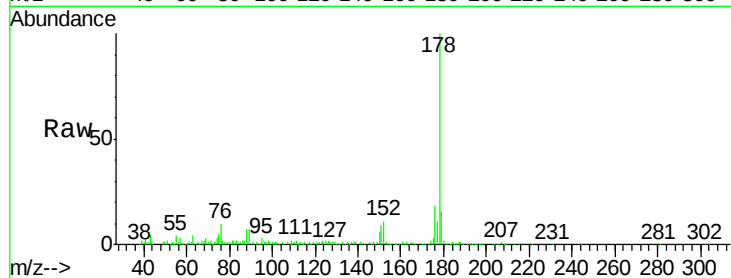
D9YQ4

Tgt Ion:	178	Resp:	184749
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.8	17.8
176	18.2	14.8	22.2

Manual Integrations

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#28

Fluoranthene

Concen: 6.43 ng/ul

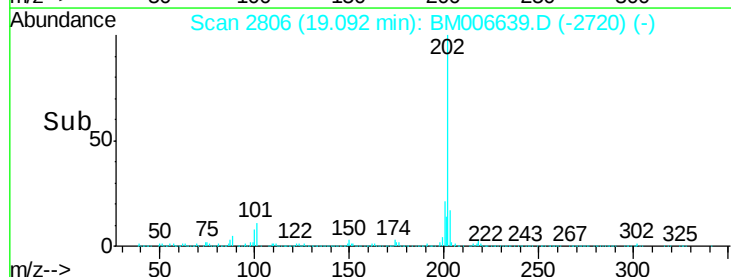
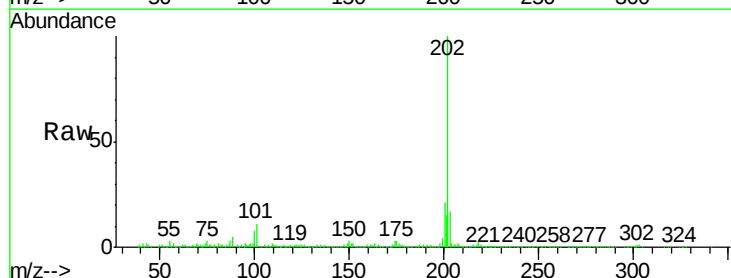
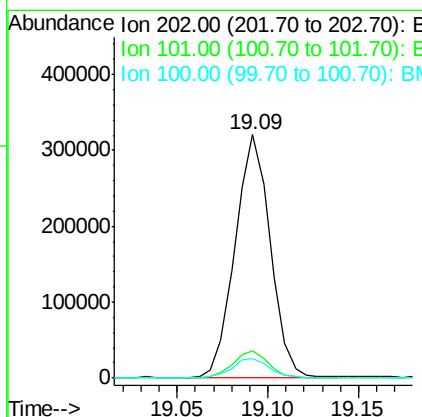
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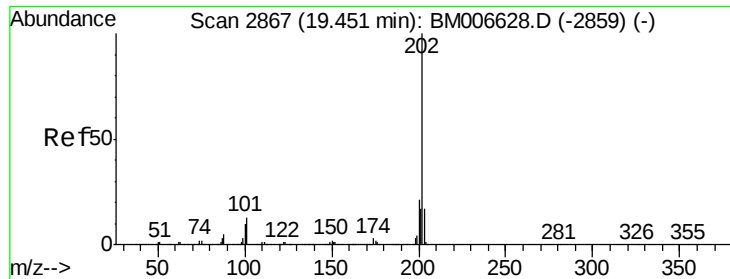
Delta R.T. 0.01 min

Lab File: BM006639.D

Acq: 23 Jul 2016 00:17

Tgt Ion:	202	Resp:	429896
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.9	13.3
100	7.9	7.0	10.4





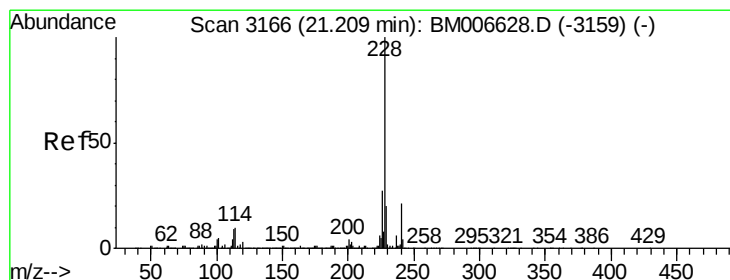
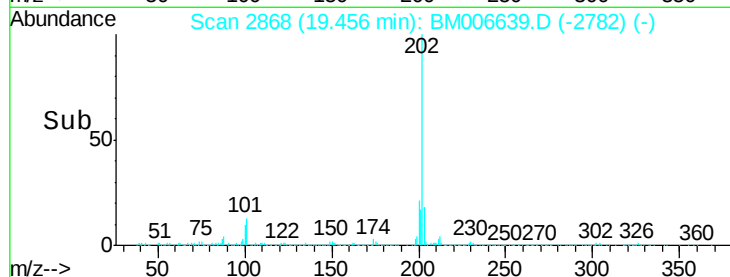
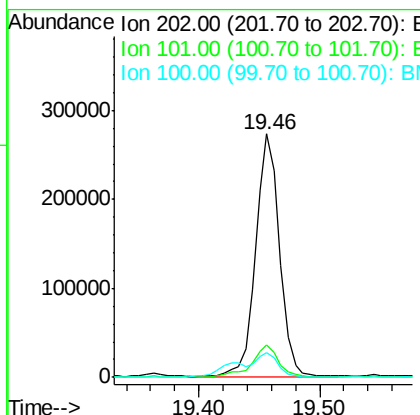
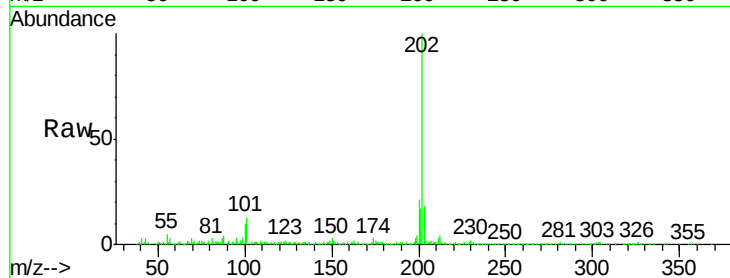
#31
 Pyrene
 Concen: 6.08 ng/ul
 RT: 19.46 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BM006639.D
 Acq: 23 Jul 2016 00:17

Instrument :
 BNA_M
 ClientSampleId :
 D9YQ4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	372154		
101	13.3	9.8	14.8	
100	10.4	9.3	13.9	

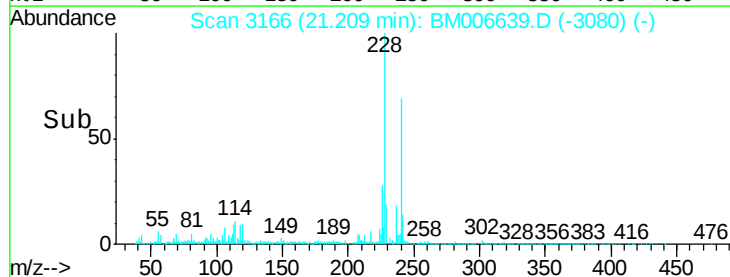
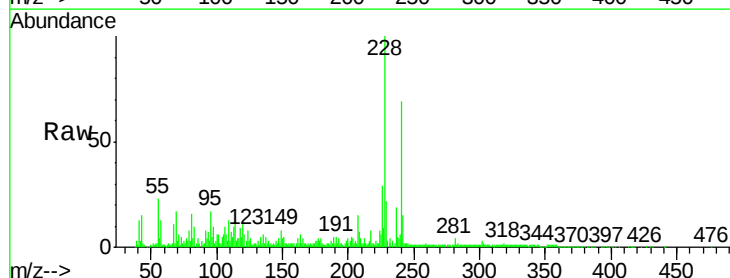
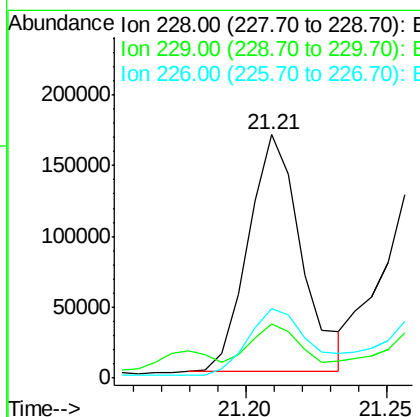
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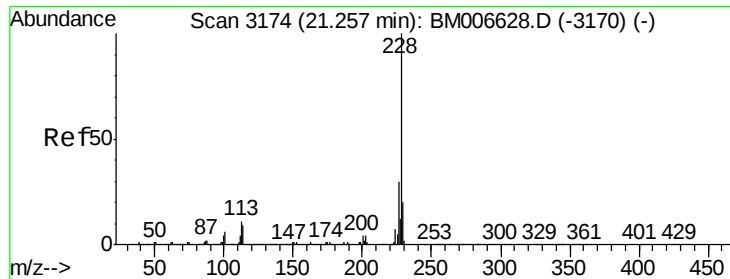
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#32
 Benzo(a)anthracene
 Concen: 3.54 ng/ul
 RT: 21.21 min Scan# 3166
 Delta R.T. 0.01 min
 Lab File: BM006639.D
 Acq: 23 Jul 2016 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	217063		
229	22.2	16.6	25.0	
226	28.8	21.0	31.4	





#33

Chrysene

Concen: 3.92 ng/ul m

RT: 21.26 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BM006639.D

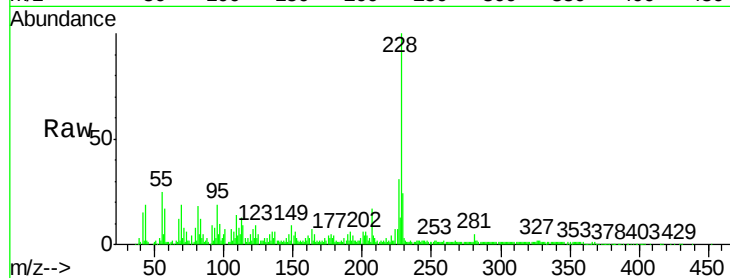
Acq: 23 Jul 2016 00:17

Instrument :

BNA_M

ClientSampleId :

D9YQ4



Tgt Ion: 228 Resp: 221481

Ion Ratio Lower Upper

228 100

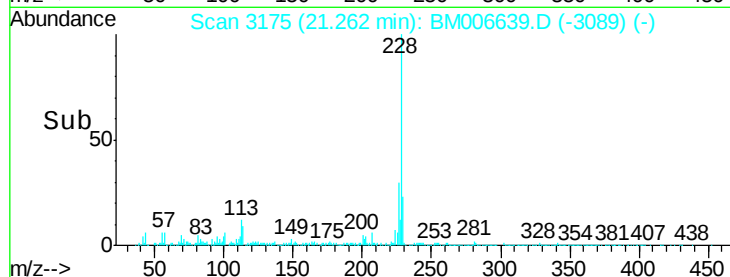
226 30.6 23.4 35.2

229 24.3 16.2 24.2#

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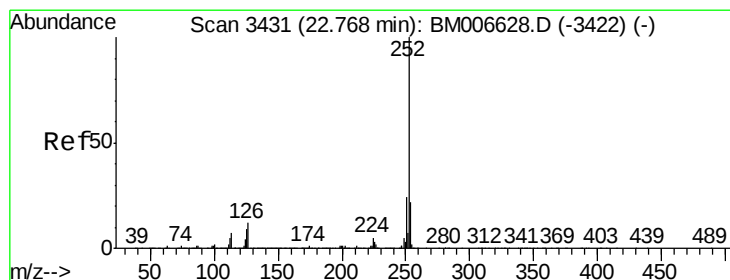
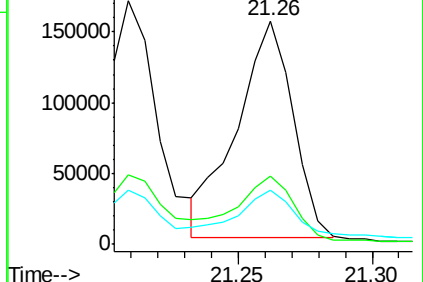
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 5.55 ng/ul

RT: 22.77 min Scan# 3432

Delta R.T. 0.01 min

Lab File: BM006639.D

Acq: 23 Jul 2016 00:17

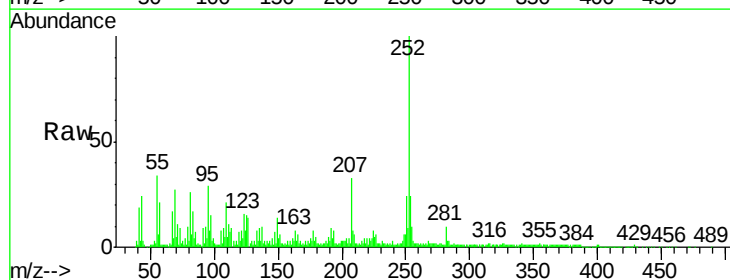
Tgt Ion: 252 Resp: 353374

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

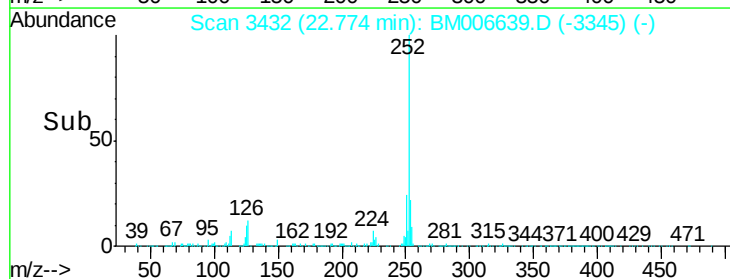
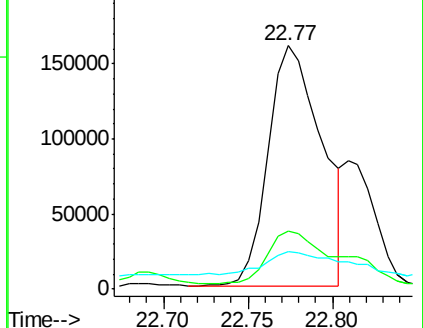
125 15.2 7.6 11.4#

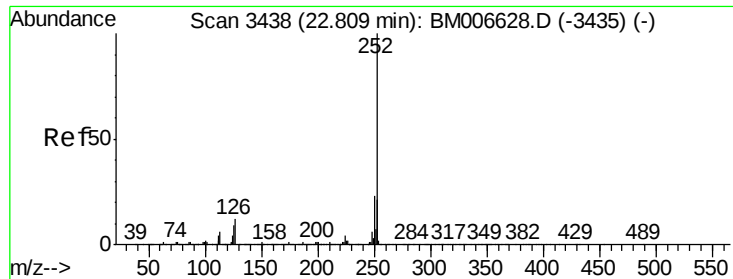


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





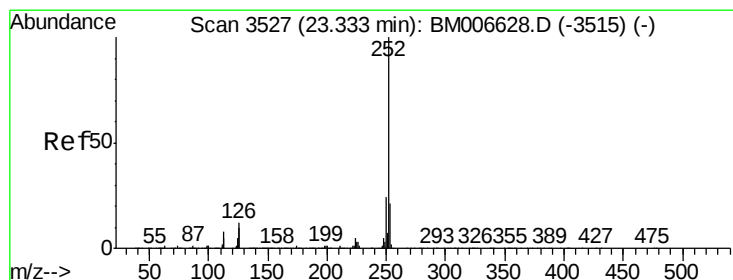
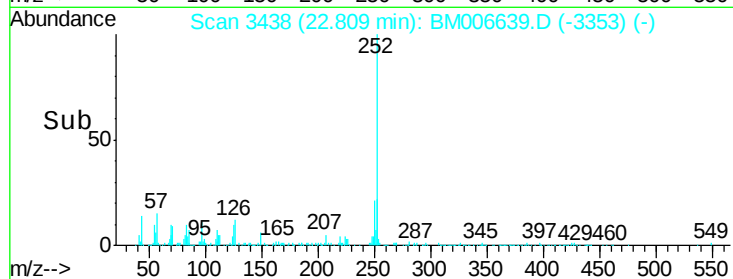
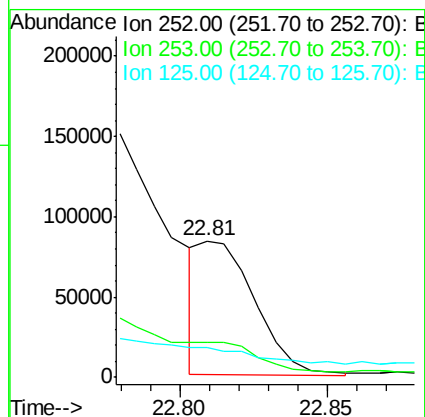
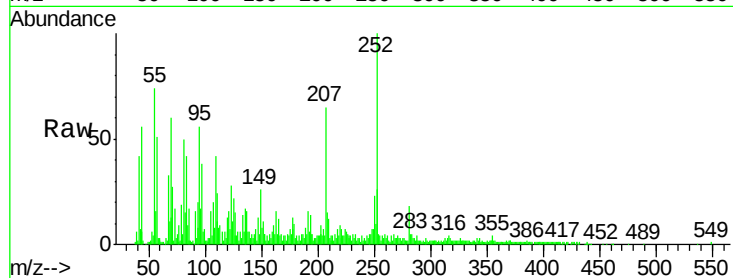
#36
Benzo(k)fluoranthene
Concen: 1.76 ng/ul m
RT: 22.81 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM006639.D
Acq: 23 Jul 2016 00:17

Instrument :
BNA_M
ClientSampleId :
D9YQ4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	21.5	7.7	11.5#

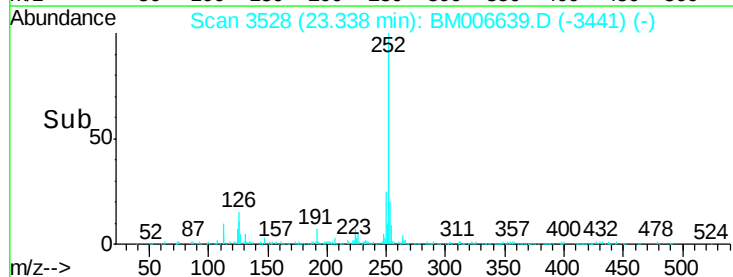
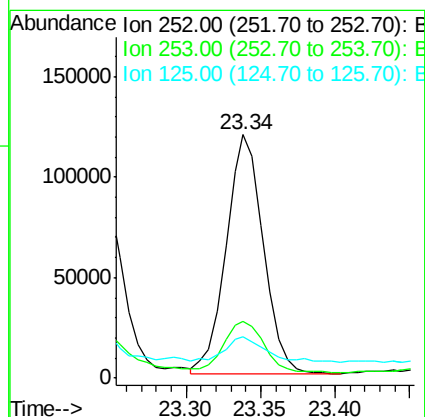
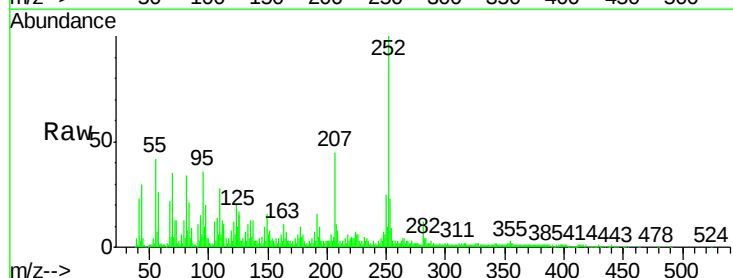
Manual Integrations

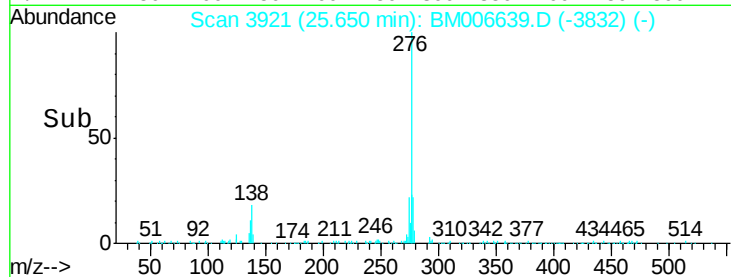
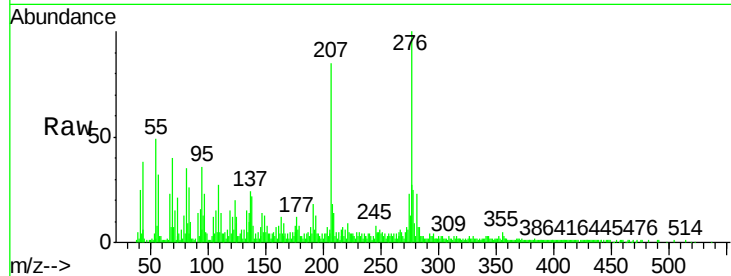
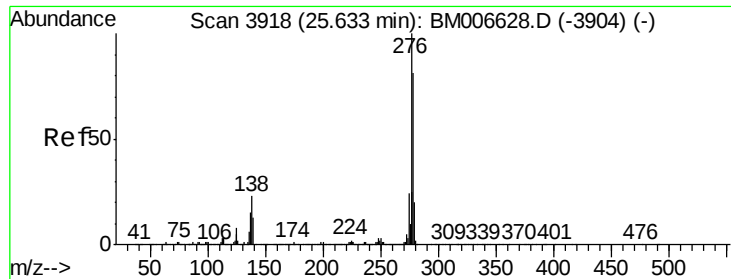
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#38
Benzo(a)pyrene
Concen: 3.32 ng/ul
RT: 23.34 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BM006639.D
Acq: 23 Jul 2016 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	17.1	8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.50 ng/ul

RT: 25.65 min Scan# 3921

Delta R.T. 0.02 min

Lab File: BM006639.D

Acq: 23 Jul 2016 00:17

Instrument :

BNA_M

ClientSampleId :

D9YQ4

Tgt Ion: 276 Resp: 179522

Ion Ratio Lower Upper

276 100

138 22.3 15.8 23.6

277 26.6 19.0 28.6

Manual Integrations

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