

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
 Data File : BM006610.D
 Acq On : 22 Jul 2016 05:31
 Operator : UM/SJ
 Sample : H4077-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YR4

Manual Integrations

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Quant Time: Jul 22 07:51:34 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 22 01:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	191702	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	804245	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	446402	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1004469	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1120652	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1175831	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	7529	1.59	ng/uL	0.00
3) Phenol-d5	6.79	99	291198	17.85	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	190241	18.83	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	236777	18.17	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	202238	15.99	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	115768	19.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	123754	19.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	228180	18.65	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	234173	17.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	663505	18.96	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	866345	19.39	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	83074	13.67	ng/ul	0.01
21) Fluorene-d10	15.26	176	601157	19.20	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	57152	10.96	ng/ul	0.00
26) Anthracene-d10	17.12	188	917657	19.24	ng/ul	0.00
30) Pyrene-d10	19.42	212	1027822	20.13	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1042617	19.28	ng/ul	0.00

Target Compounds

						Ovalue
25) Phenanthrene	17.06	178	174840	3.10	ng/ul	98
28) Fluoranthene	19.08	202	321117	4.84	ng/ul	99
31) Pyrene	19.44	202	279292	4.12	ng/ul	98
32) Benzo(a)anthracene	21.20	228	157633	2.32	ng/ul	96
33) Chrysene	21.25	228	180372	2.88	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	276641	3.92	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	85513m	1.25	ng/ul	
38) Benzo(a)pyrene	23.31	252	172528	2.51	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.61	276	139584	1.76	ng/ul	97
41) Benzo(g,h,i)perylene	26.29	276	150722	2.21	ng/ul#	95

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

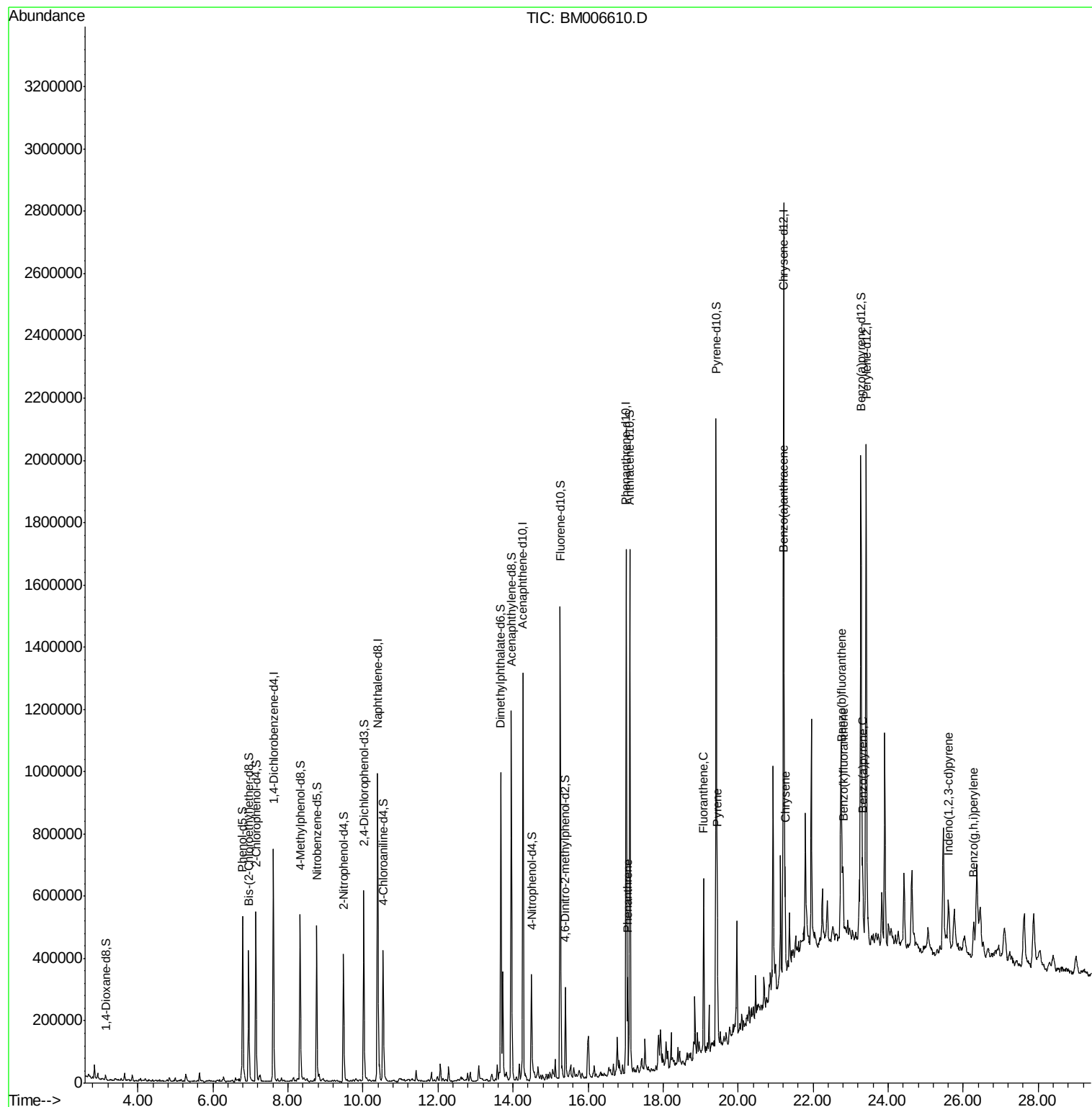
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006610.D
Acq On : 22 Jul 2016 05:31
Operator : UM/SJ
Sample : H4077-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

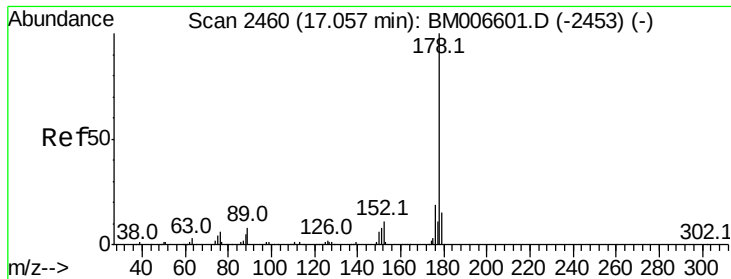
Instrument :
BNA_M
ClientSampleId :
D9YR4

Manual Integrations

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Quant Time: Jul 22 07:51:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 3.10 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM006610.D

Acq: 22 Jul 2016 05:31

Instrument :

BNA_M

ClientSampleId :

D9YR4

Tot Ion:178 Resp: 174840

Ion Ratio Lower Upper

178 100

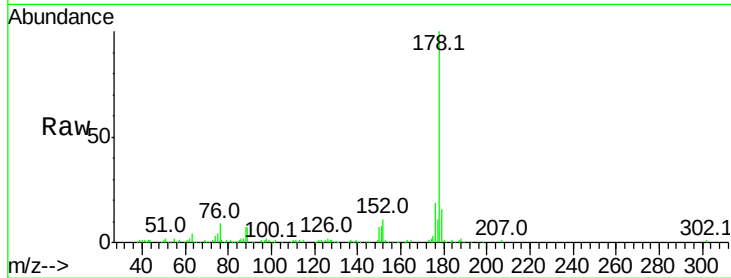
179 16.0 11.8 17.8

176 18.9 14.8 22.2

Manual Integrations

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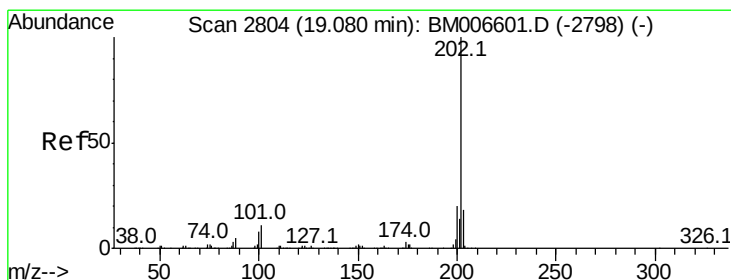
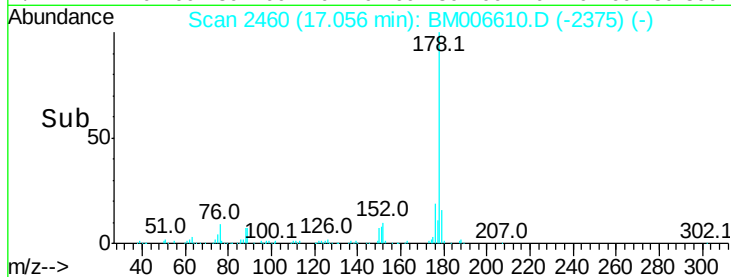
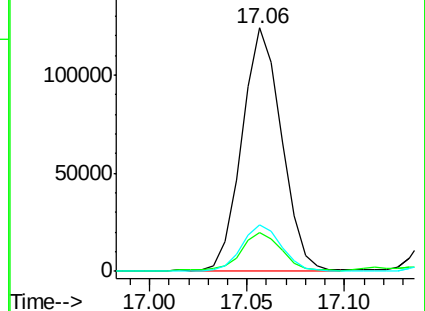
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 4.84 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006610.D

Acq: 22 Jul 2016 05:31

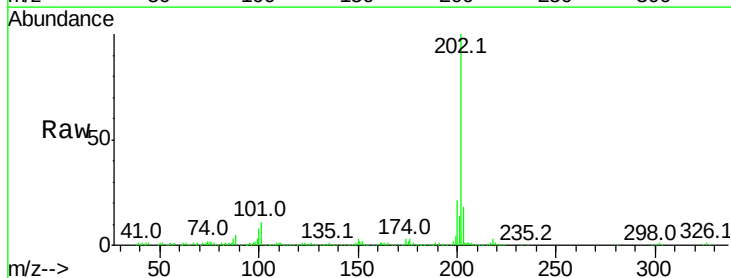
Tgt Ion:202 Resp: 321117

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

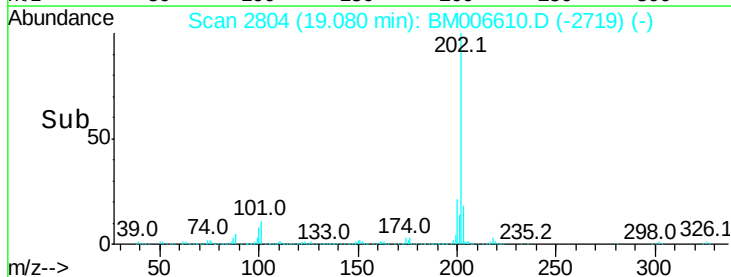
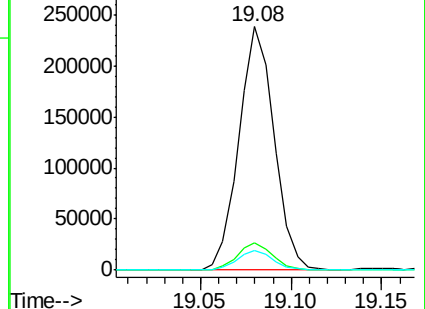
100 7.8 7.0 10.4

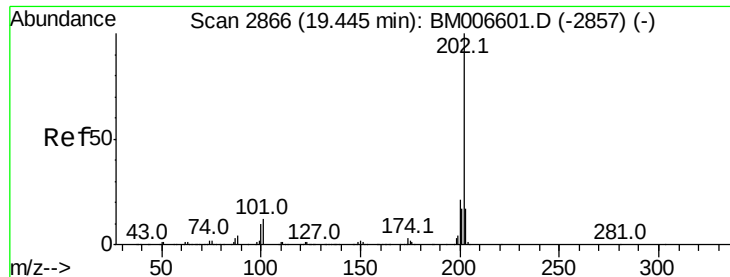


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





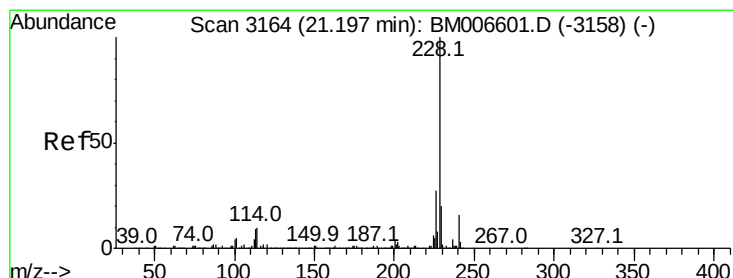
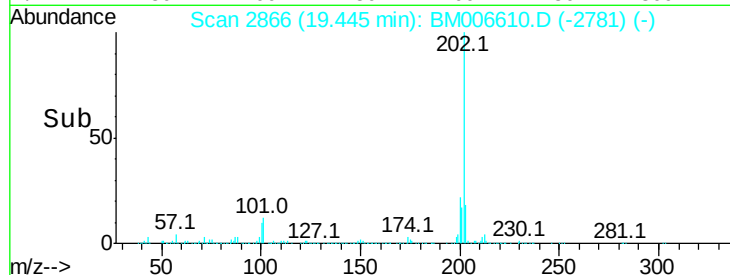
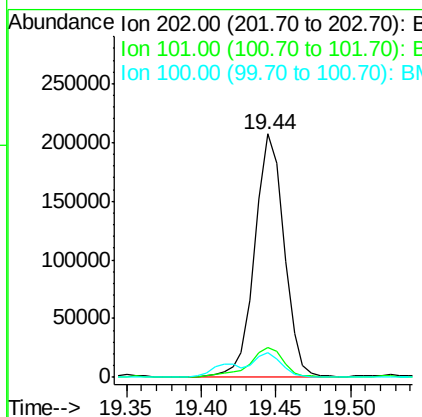
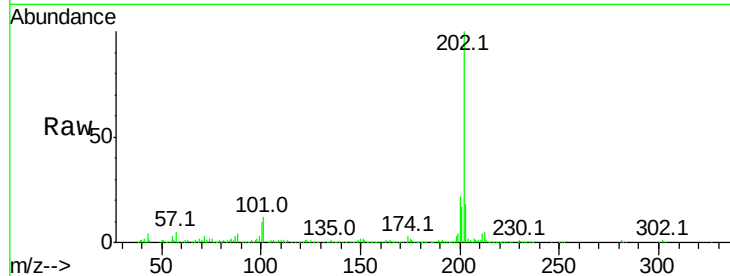
#31
 Pvrene
 Concen: 4.12 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BM006610.D
 Acq: 22 Jul 2016 05:31

Instrument :
 BNA_M
 ClientSampled :
 D9YR4

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	10.2	9.3	13.9

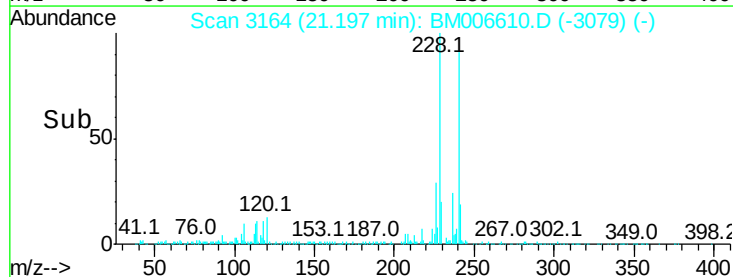
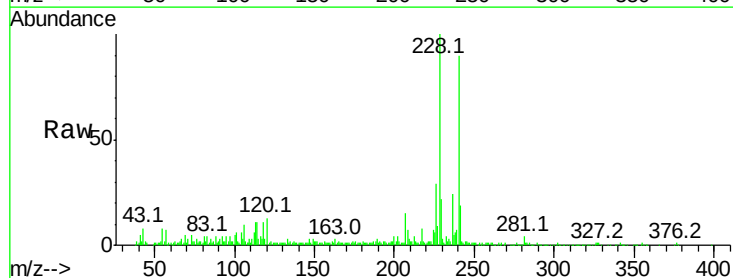
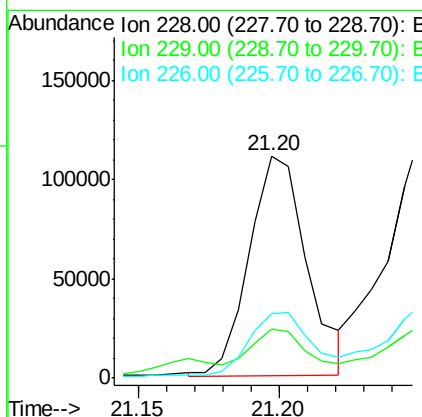
Manual Integrations

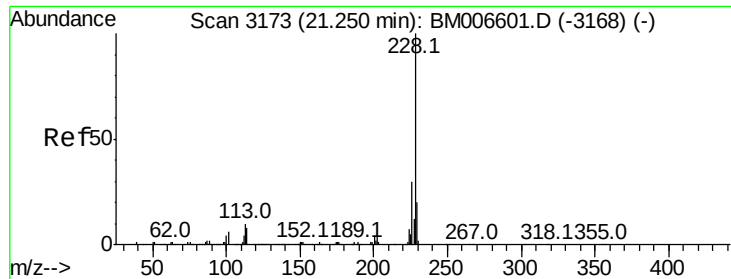
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#32
 Benzo(a)anthracene
 Concen: 2.32 ng/ul
 RT: 21.20 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BM006610.D
 Acq: 22 Jul 2016 05:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.6	25.0
226	29.1	21.0	31.4





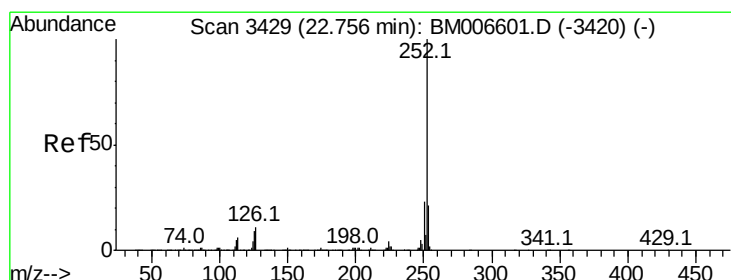
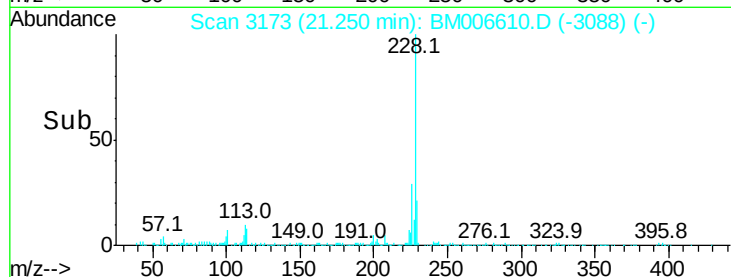
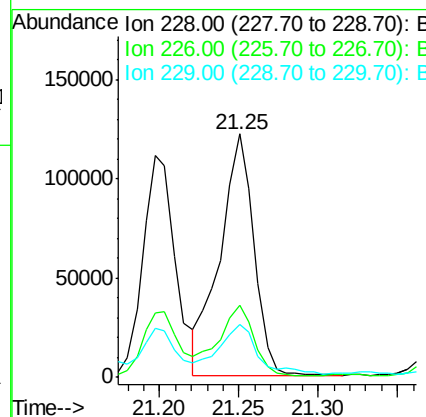
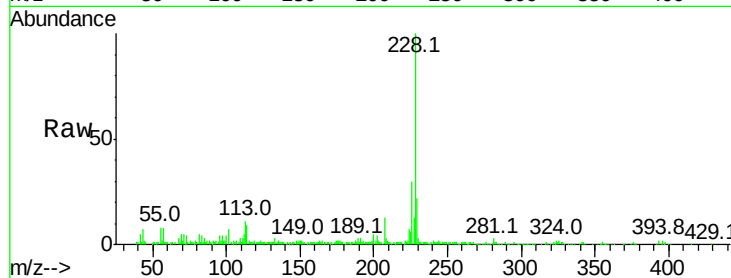
#33
 Chrysene
 Concen: 2.88 ng/ul
 RT: 21.25 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BM006610.D
 Acq: 22 Jul 2016 05:31

Instrument :
 BNA_M
 ClientSampleId :
 D9YR4

Tot Ion:	228	Resp:	180372
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	21.9	16.2	24.2

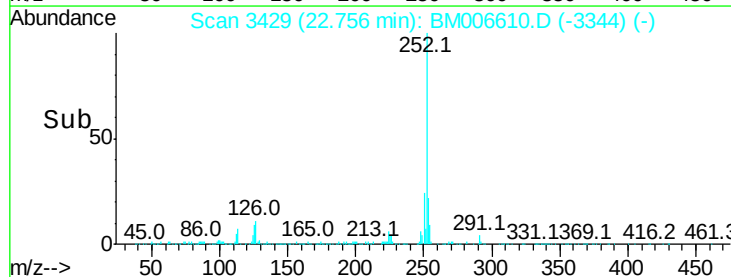
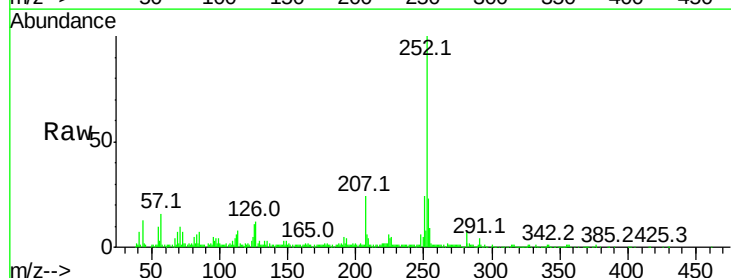
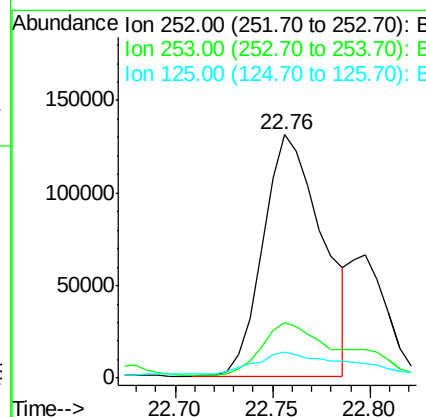
Manual Integrations

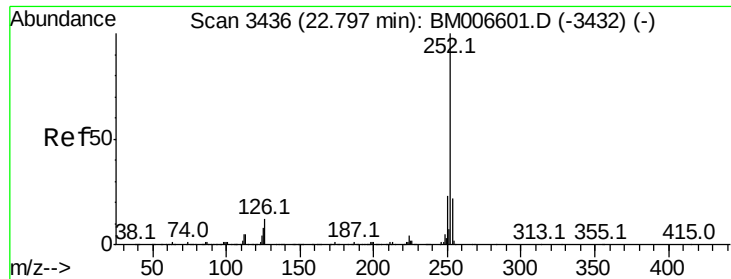
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#35
 Benzo(b)fluoranthene
 Concen: 3.92 ng/ul
 RT: 22.76 min Scan# 3429
 Delta R.T. 0.00 min
 Lab File: BM006610.D
 Acq: 22 Jul 2016 05:31

Tgt Ion:	252	Resp:	276641
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	10.6	7.6	11.4





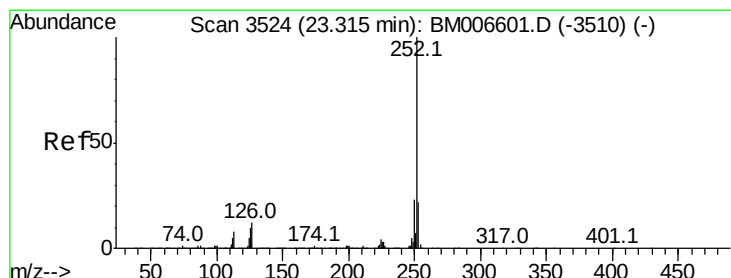
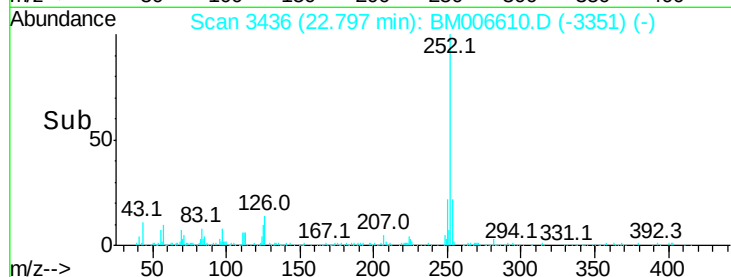
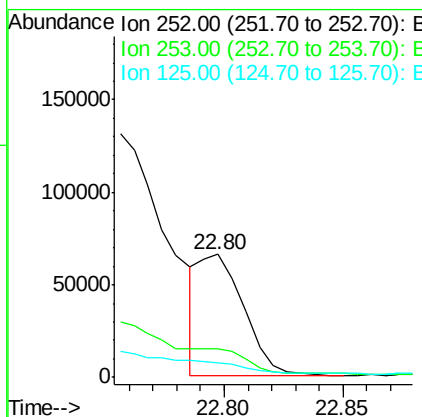
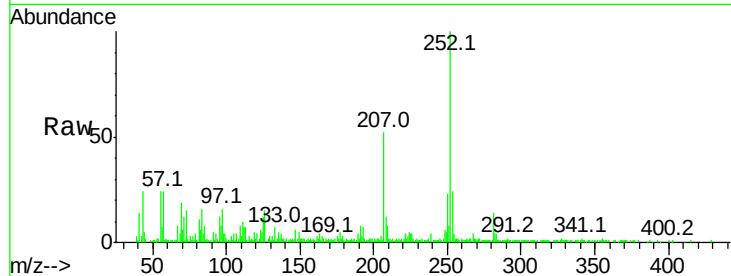
#36
Benzo(k)fluoranthene
Concen: 1.25 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Instrument :
BNA_M
ClientSampled :
D9YR4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.9	7.7	11.5

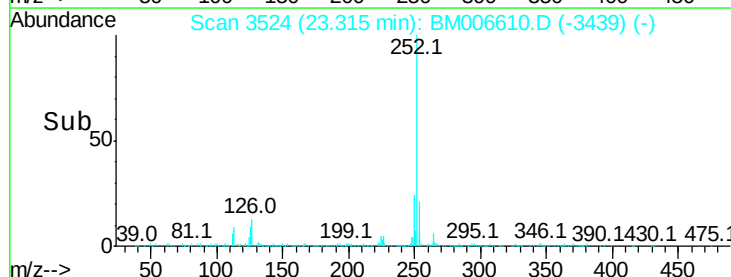
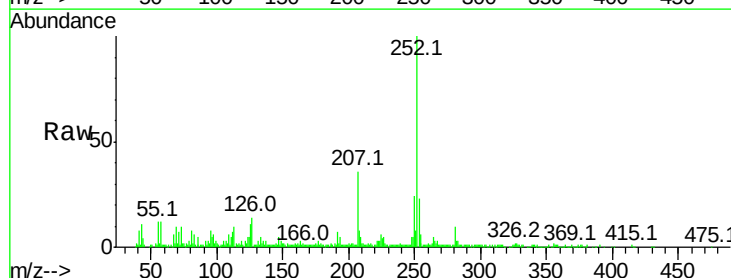
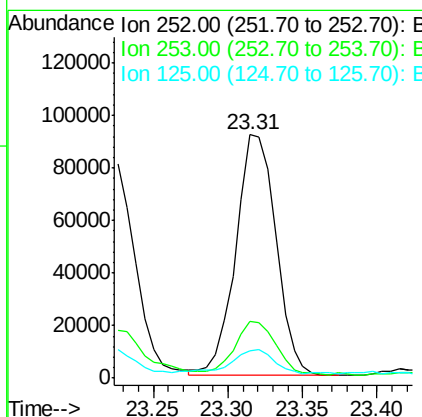
Manual Integrations

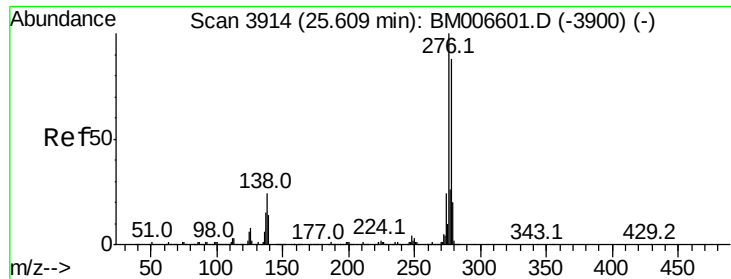
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#38
Benzo(a)pyrene
Concen: 2.51 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.2	8.2	12.2





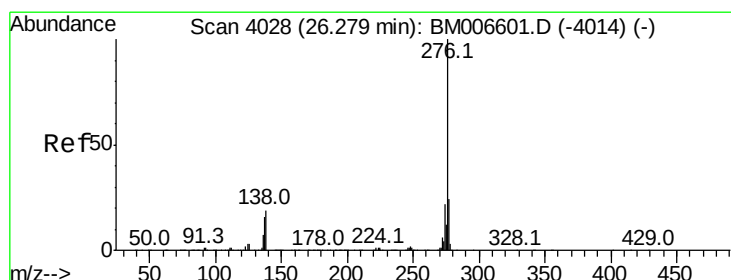
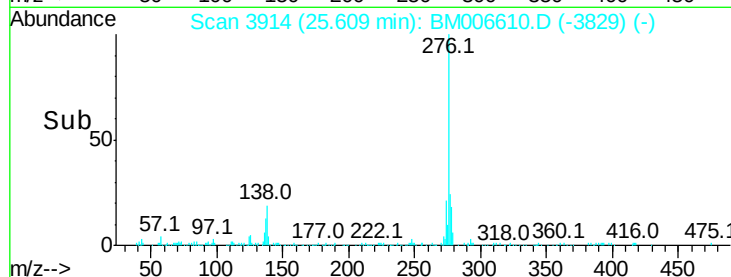
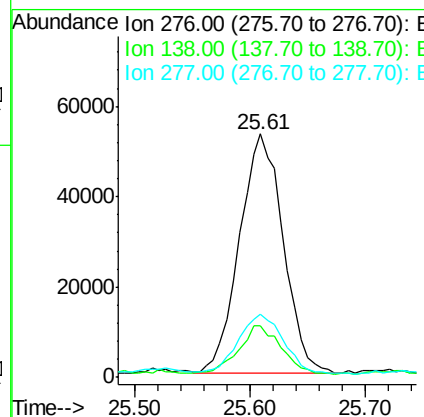
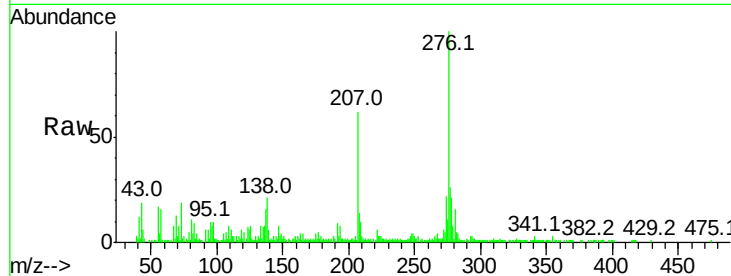
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.76 ng/ul
 RT: 25.61 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: BM006610.D
 Acq: 22 Jul 2016 05:31

Instrument :
 BNA_M
 ClientSampleId :
 D9YR4

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.8	23.6
277	25.7	19.0	28.6

Manual Integrations

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#41
 Benzo(g,h,i)perylene
 Concen: 2.21 ng/ul
 RT: 26.29 min Scan# 4029
 Delta R.T. 0.01 min
 Lab File: BM006610.D
 Acq: 22 Jul 2016 05:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	13.9	20.9#
277	25.4	19.8	29.6

