

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
 Data File : BM006607.D
 Acq On : 22 Jul 2016 03:42
 Operator : UM/SJ
 Sample : H4077-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YS8

Manual Integrations

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Quant Time: Jul 22 07:42:10 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	173942	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	739276	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	401990	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	909314	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1078455	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1143940	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7983	1.86	ng/uL	0.00
3) Phenol-d5	6.79	99	311793	21.07	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	200429	21.86	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	252952	21.39	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	215708	18.80	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	125562	22.44	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	130816	21.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	235736	20.96	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	275938	22.28	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	699126	22.18	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	923169	22.95	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	90547	16.54	ng/ul	0.00
21) Fluorene-d10	15.26	176	632721	22.45	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	61546	13.04	ng/ul	0.00
26) Anthracene-d10	17.12	188	956312	22.15	ng/ul	0.00
30) Pyrene-d10	19.42	212	1127953	22.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1193885	22.69	ng/ul	0.00

Target Compounds

						Ovalue
11) Naphthalene	10.44	128	47065	1.23	ng/ul	98
19) Acenaphthene	14.33	153	30389	1.10	ng/ul	96
25) Phenanthrene	17.06	178	338572	6.62	ng/ul	98
27) Anthracene	17.14	178	62480	1.19	ng/ul	99
28) Fluoranthene	19.08	202	549428	9.15	ng/ul	99
31) Pyrene	19.44	202	462644	7.08	ng/ul	97
32) Benzo(a)anthracene	21.20	228	265894	4.07	ng/ul	97
33) Chrysene	21.25	228	280102	4.65	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	459329	6.70	ng/ul	99
36) Benzo(k)fluoranthene	22.79	252	130895m	1.97	ng/ul	
38) Benzo(a)pyrene	23.31	252	300584	4.50	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.60	276	244941	3.17	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	224769	3.39	ng/ul	98

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

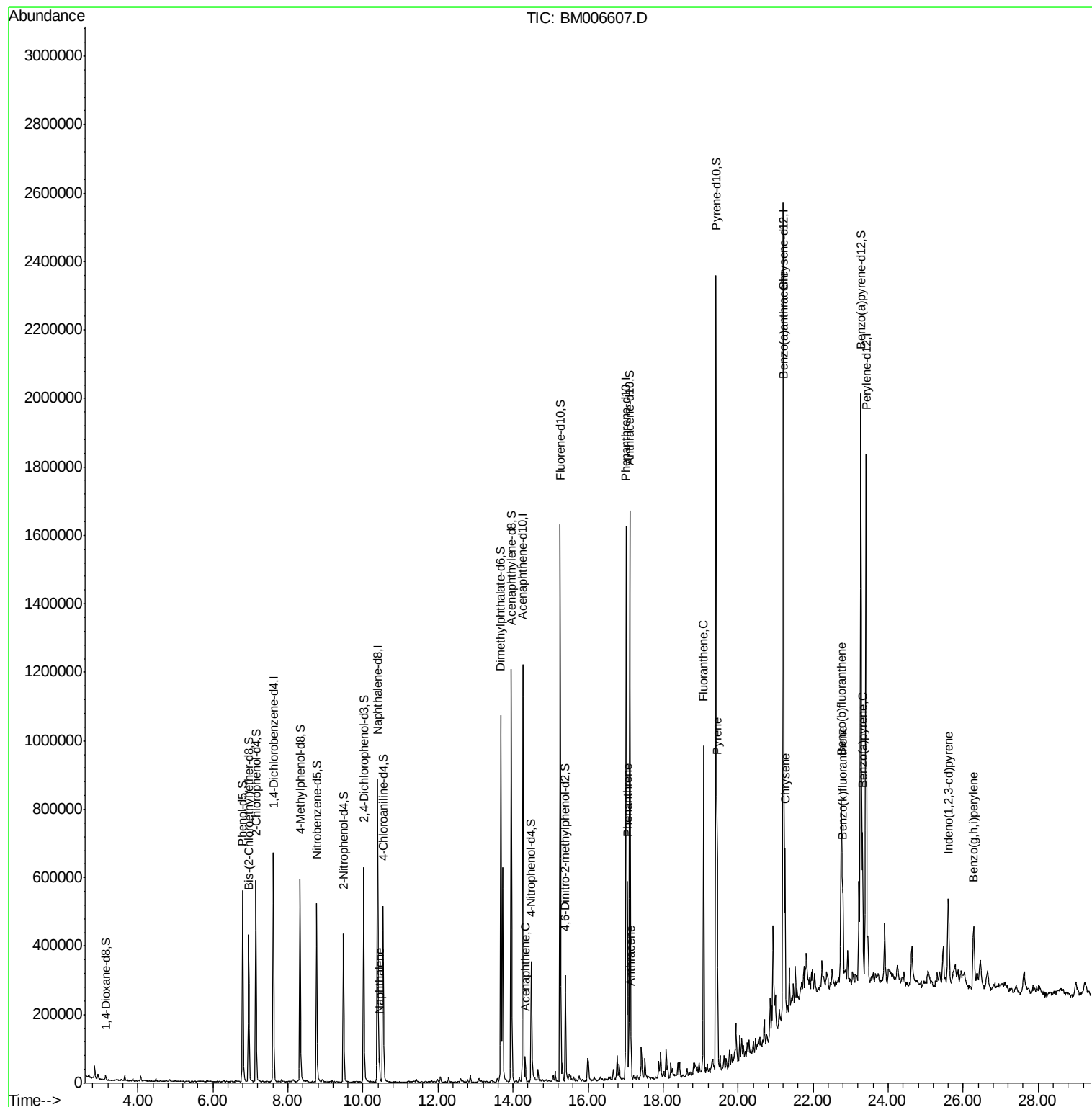
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006607.D
Acq On : 22 Jul 2016 03:42
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Sample : H4077-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

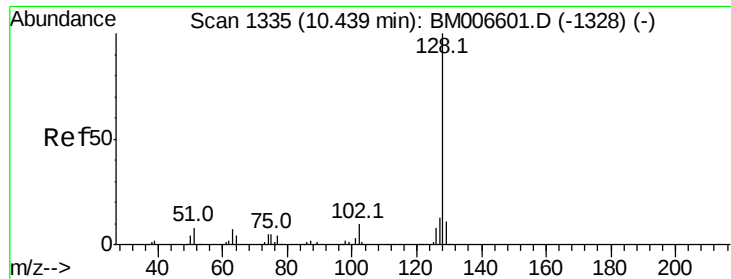
Instrument :
BNA_M
ClientSampleId :
D9YS8

Manual Integrations

Quant Time: Jul 22 07:42:10 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
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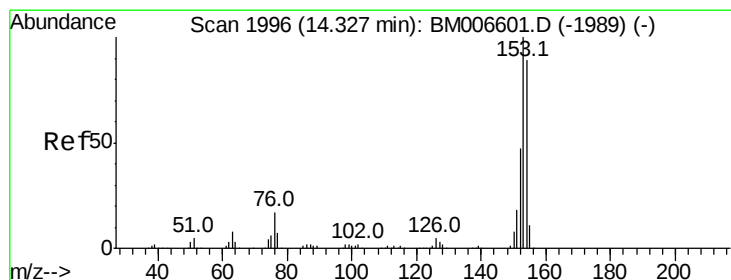
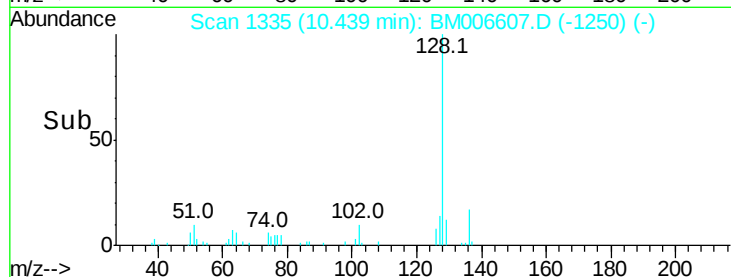
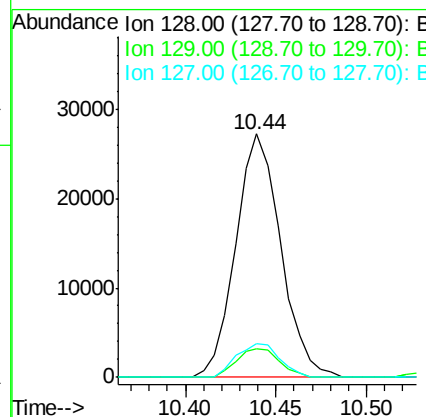
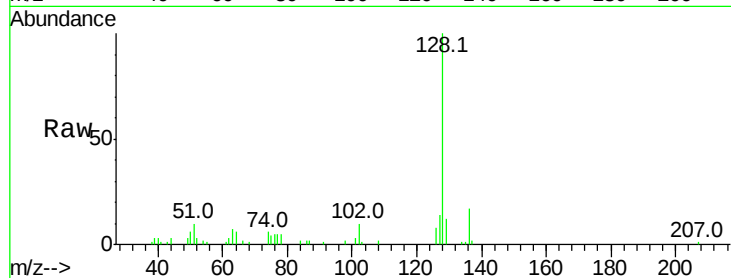
#11
Naphthalene
Concen: 1.23 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Instrument :
BNA_M
ClientSampleId :
D9YS8

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.3	12.5
127	13.9	10.8	16.2

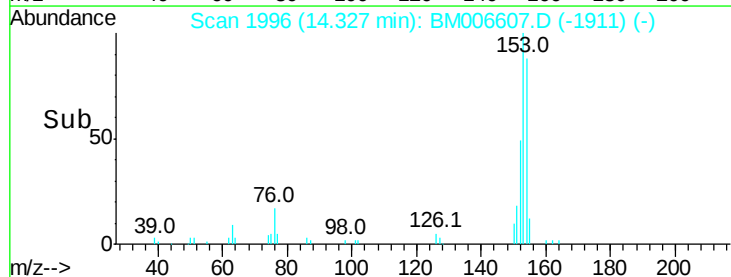
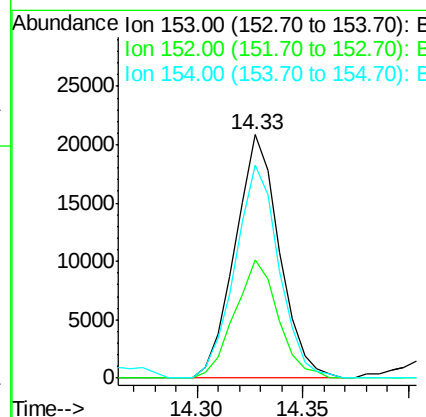
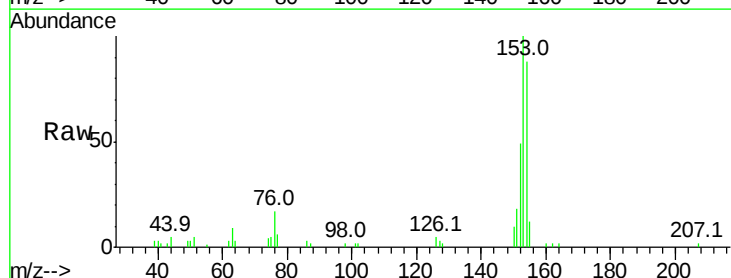
Manual Integrations

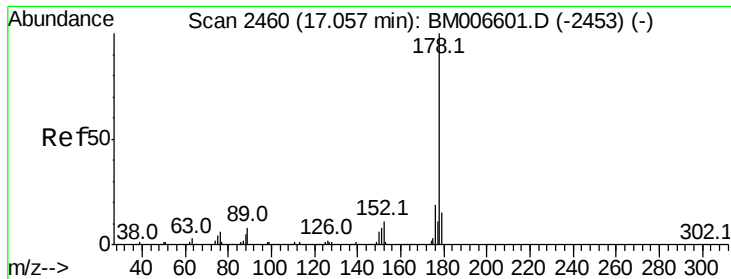
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#19
Acenaphthene
Concen: 1.10 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.5	54.7
154	87.6	67.3	100.9





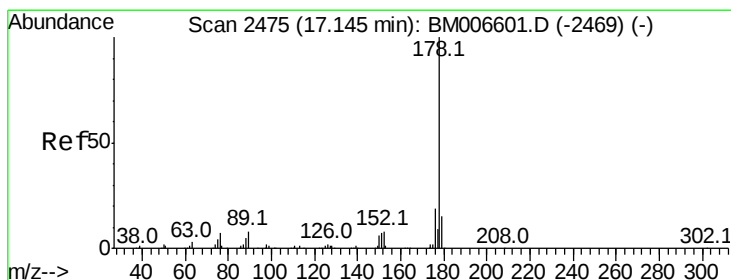
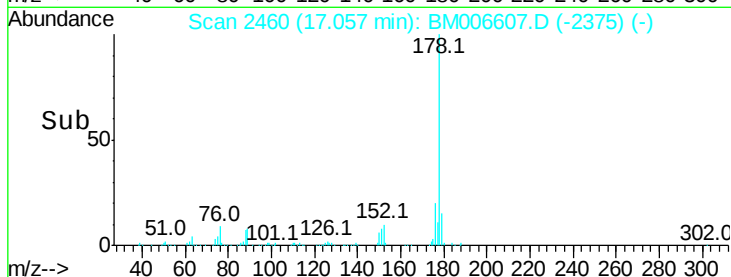
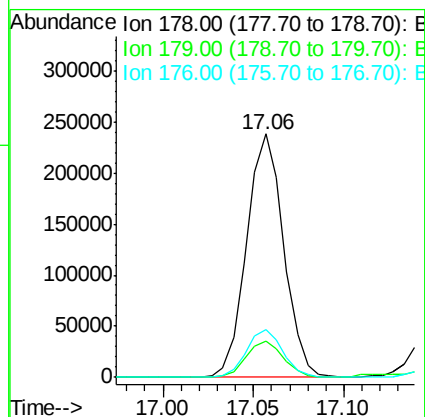
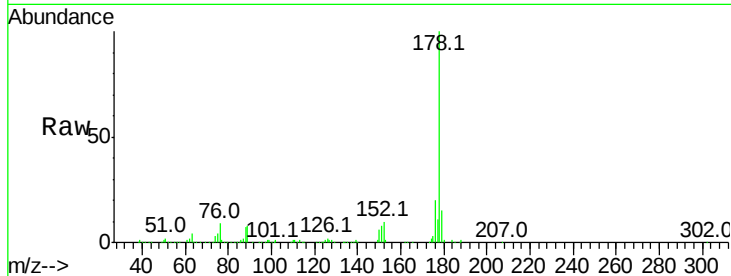
#25
Phenanthrene
Concen: 6.62 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Instrument :
BNA_M
ClientSampleId :
D9YS8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	19.7	14.8	22.2

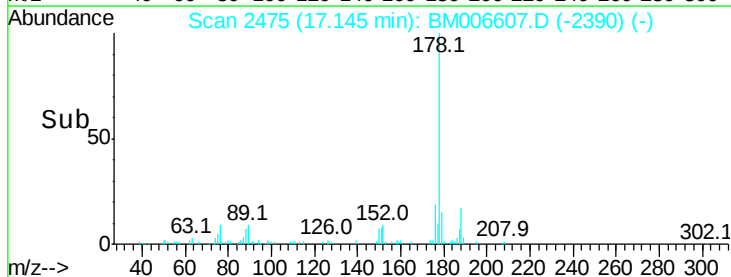
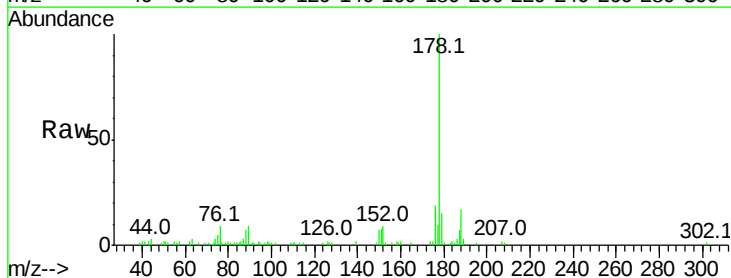
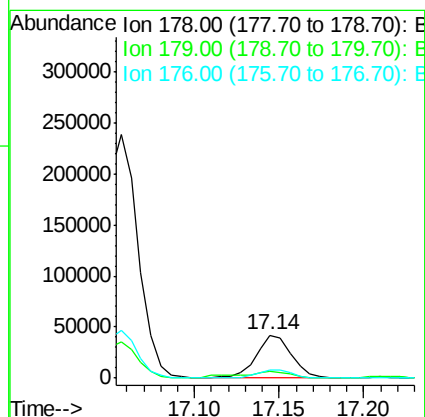
Manual Integrations

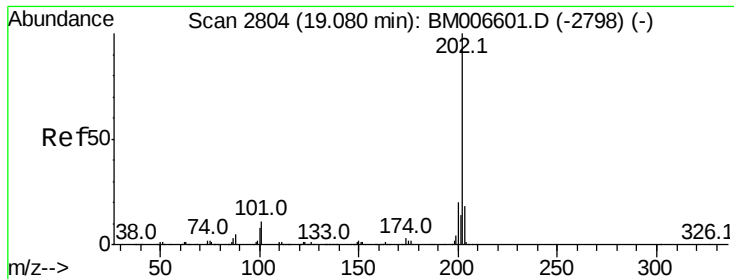
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#27
Anthracene
Concen: 1.19 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	19.3	15.6	23.4





#28

Fluoranthene

Concen: 9.15 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006607.D

Acq: 22 Jul 2016 03:42

Instrument :

BNA_M

ClientSampleId :

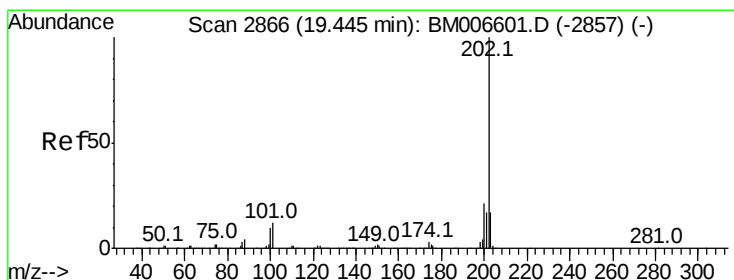
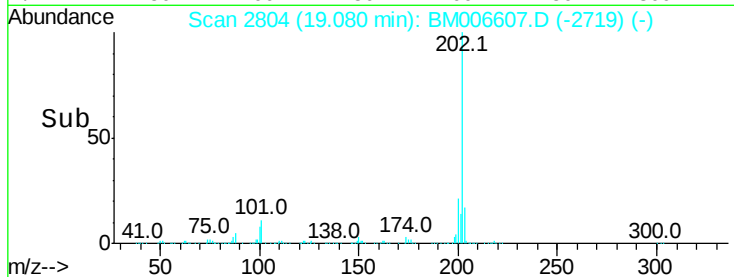
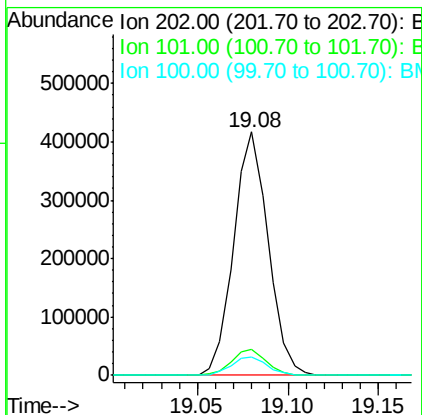
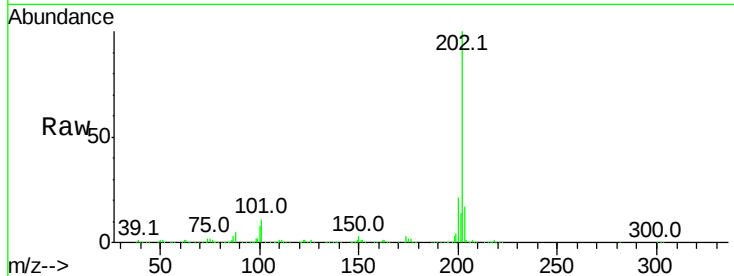
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Tot Ion:	202	Resp:	549428
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.9	13.3
100	7.8	7.0	10.4

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#31

Pyrene

Concen: 7.08 ng/ul

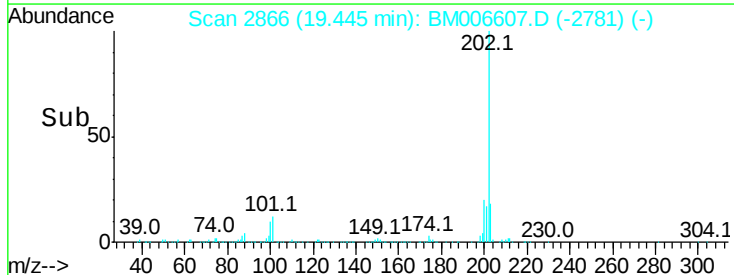
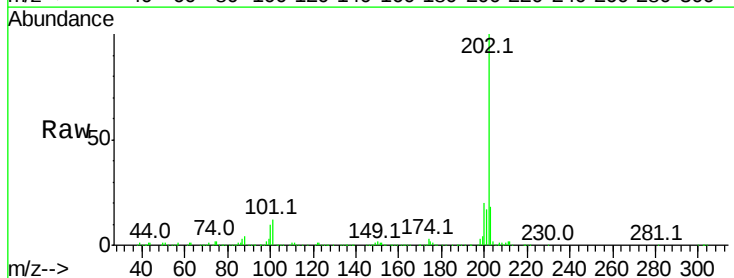
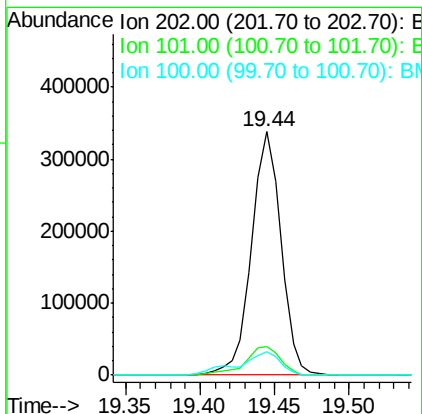
RT: 19.44 min Scan# 2866

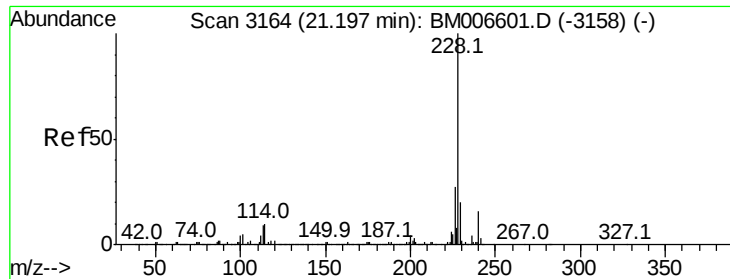
Delta R.T. 0.00 min

Lab File: BM006607.D

Acq: 22 Jul 2016 03:42

Tgt Ion:	202	Resp:	462644
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.8	14.8
100	9.7	9.3	13.9





#32

Benzo(a)anthracene

Concen: 4.07 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BM006607.D

Acq: 22 Jul 2016 03:42

Instrument :

BNA_M

ClientSampled :

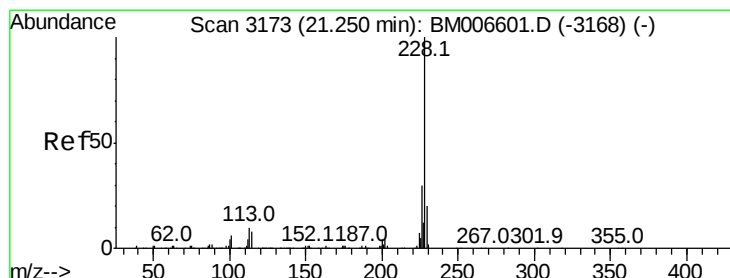
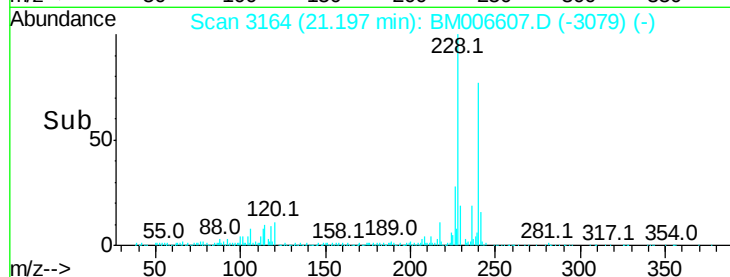
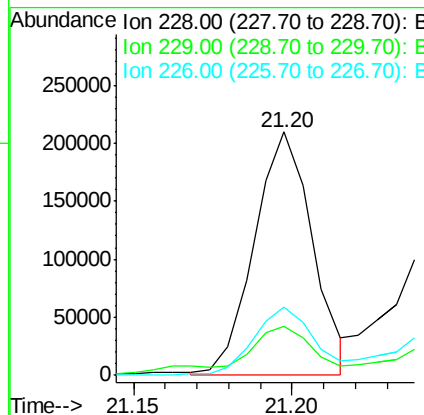
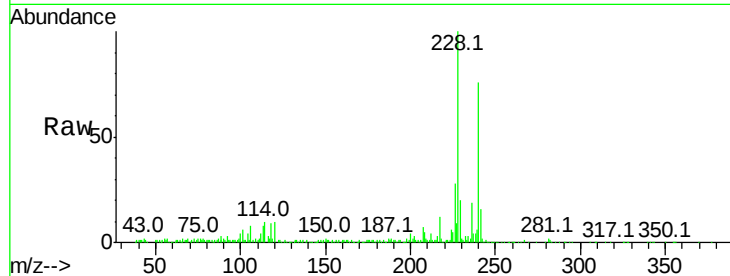
D9YS8

Tot Ion:	228	Resp:	265894
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.6	25.0
226	28.0	21.0	31.4

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#33

Chrysene

Concen: 4.65 ng/ul

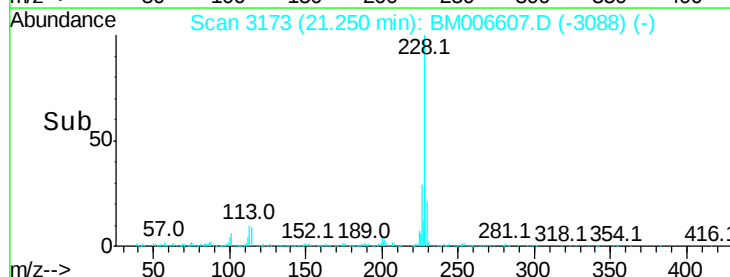
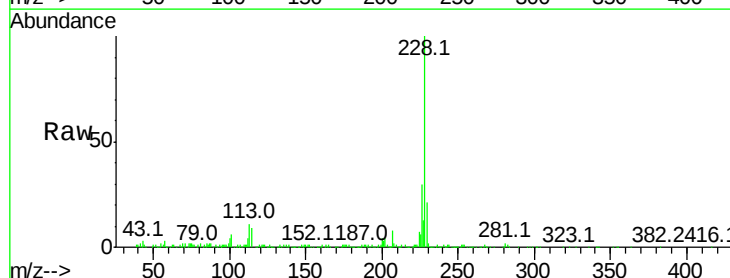
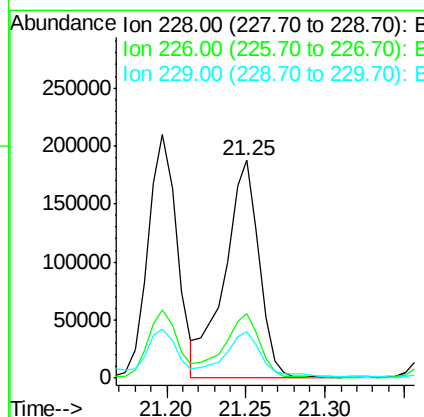
RT: 21.25 min Scan# 3173

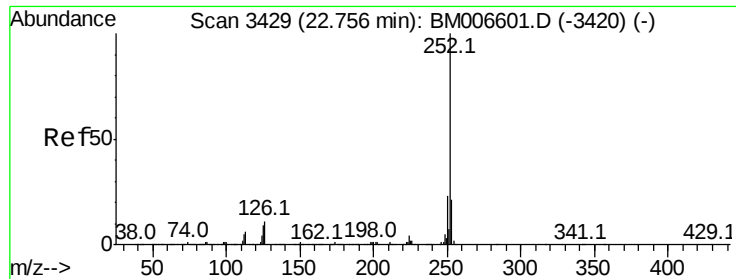
Delta R.T. 0.00 min

Lab File: BM006607.D

Acq: 22 Jul 2016 03:42

Tgt Ion:	228	Resp:	280102
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	21.4	16.2	24.2





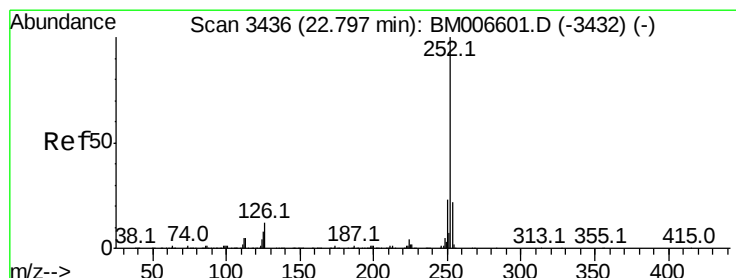
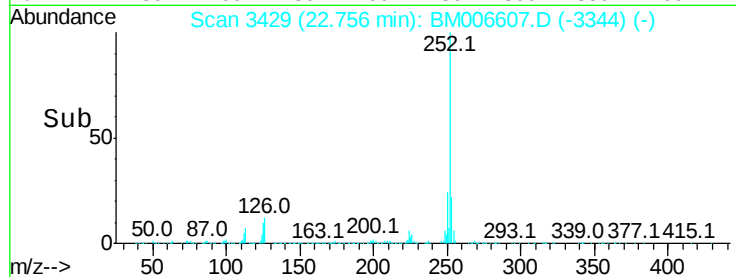
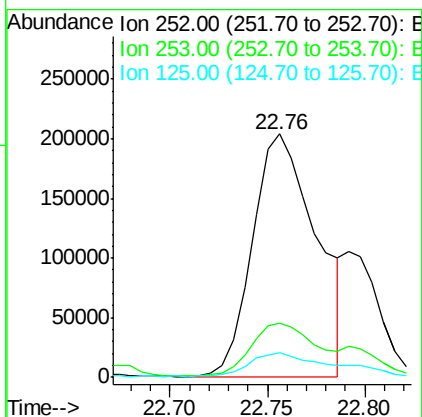
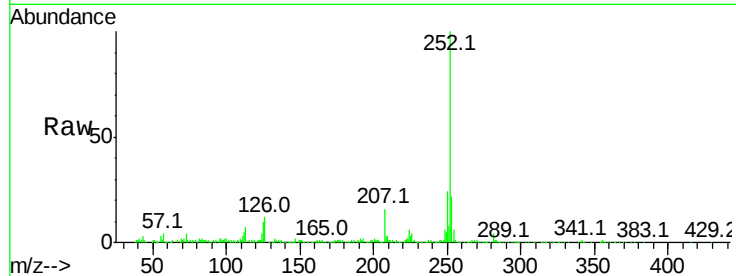
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Benzo(b)fluoranthene
Concen: 6.70 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Instrument :
BNA_M
ClientSampled :
D9YS8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.1	7.6	11.4

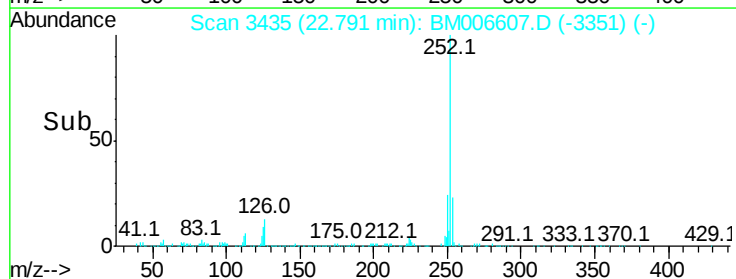
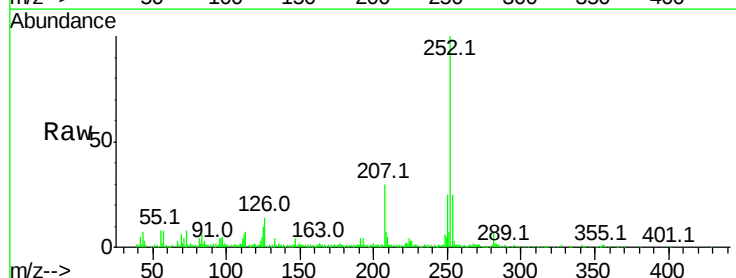
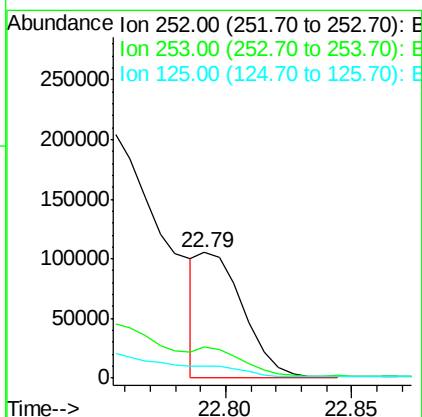
Manual Integrations

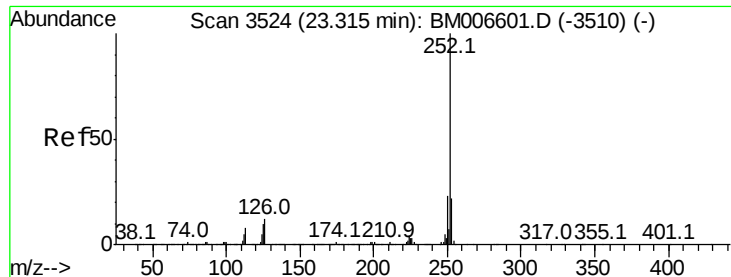
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#36
Benzo(k)fluoranthene
Concen: 1.97 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	9.8	7.7	11.5





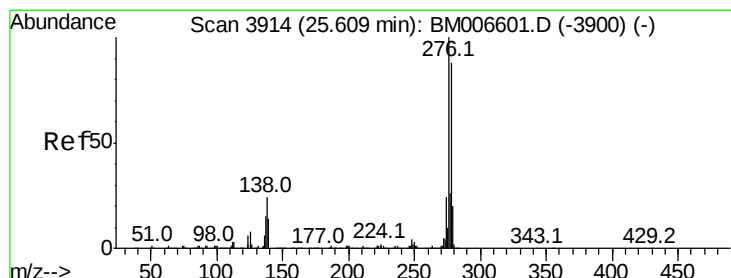
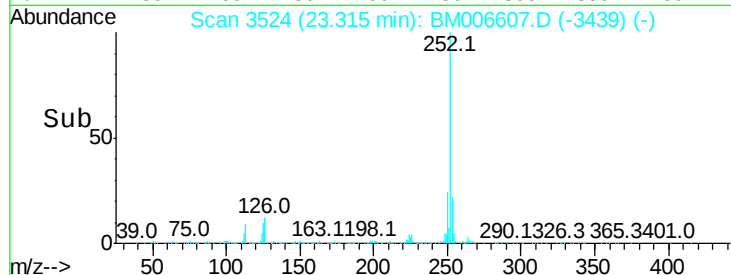
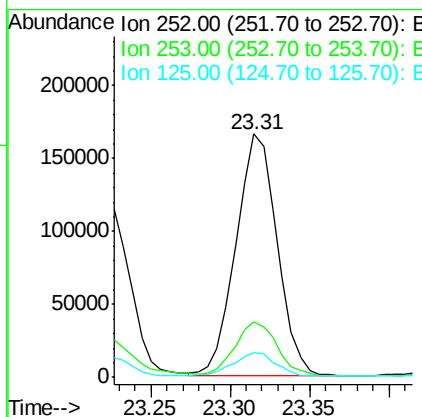
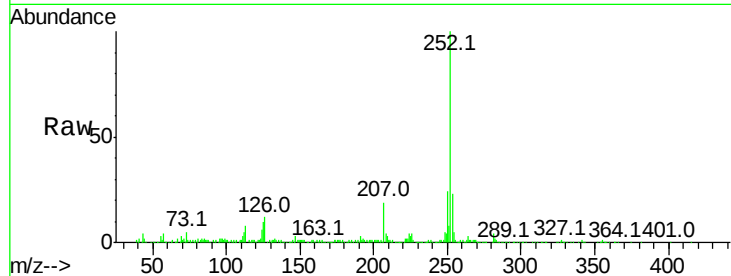
#38
Benzo(a)pyrene
Concen: 4.50 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Instrument :
BNA_M
ClientSampleId :
D9YS8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	10.1	8.2	12.2

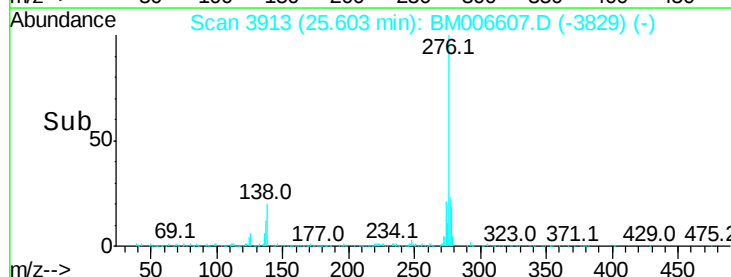
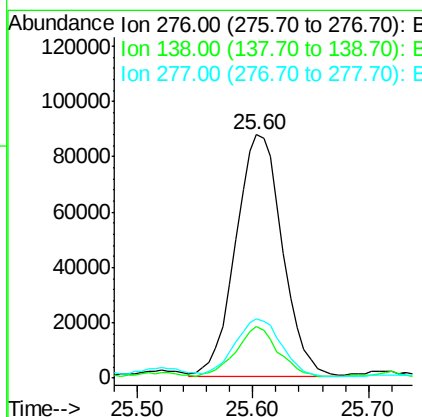
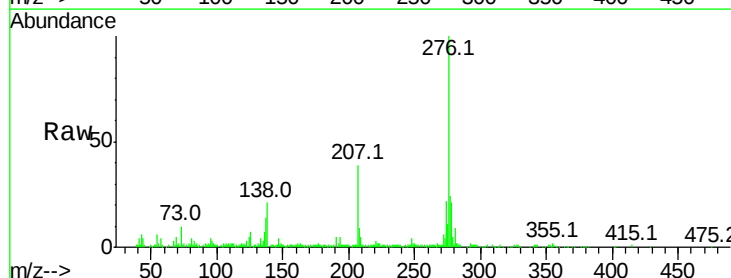
Manual Integrations

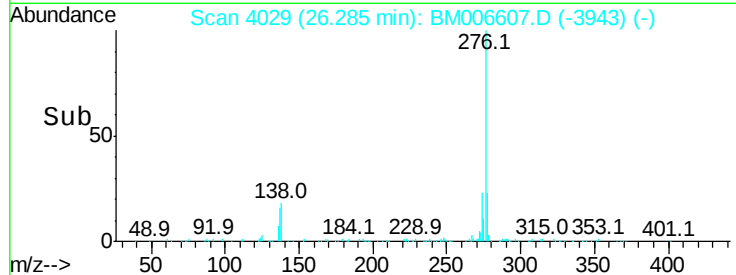
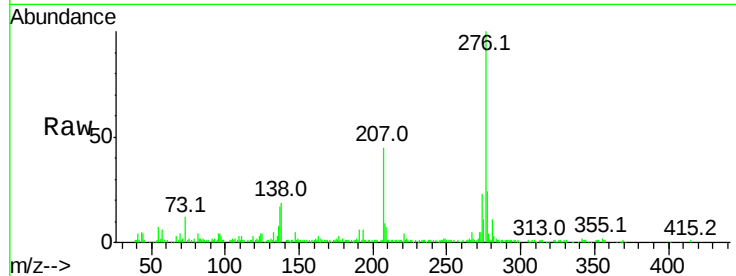
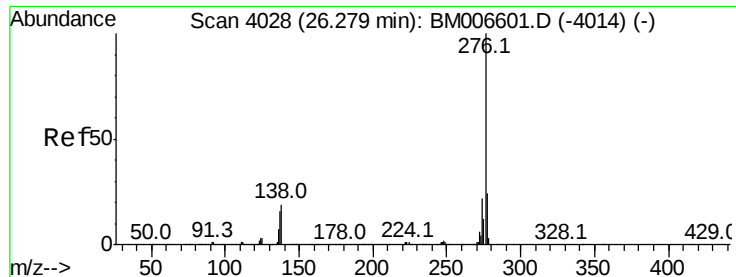
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#39
Indeno(1,2,3-cd)pyrene
Concen: 3.17 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.8	23.6
277	24.4	19.0	28.6





#41
Benzo(a,h,i)perylene
Concen: 3.39 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. 0.01 min
Lab File: BM006607.D
Acq: 22 Jul 2016 03:42

Tot Ion:	276	Resp:	224769
Ion Ratio	Lower	Upper	
276	100		
138	18.9	13.9	20.9
277	24.2	19.8	29.6

Instrument :
BNA_M
ClientSampleId :
D9YS8

Manual Integrations

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