

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006630.D
 Acq On : 22 Jul 2016 18:36
 Operator : UM/SJ
 Sample : H4076-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YP7

Manual Integrations

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Quant Time: Jul 23 00:58:38 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	184091	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	811995	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	458536	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1026412	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1068192	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1099397	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	8944	1.96	ng/uL	0.00
3) Phenol-d5	6.80	99	411600	26.28	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	241357	24.88	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	313043	25.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	328598	27.05	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	151623	24.67	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	169108	25.87	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	319287	25.85	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	264017	19.41	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	941751	26.19	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1225977	26.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	161683	25.89	ng/ul	0.00
21) Fluorene-d10	15.27	176	858018	26.68	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	91812	17.23	ng/ul	0.00
26) Anthracene-d10	17.12	188	1327635	27.24	ng/ul	0.00
30) Pyrene-d10	19.43	212	1440485	29.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1406214	27.81	ng/ul	0.01

Target Compounds

						Qvalue
11) Naphthalene	10.45	128	57310	1.37	ng/ul	98
13) 2-Methylnaphthalene	12.07	142	32442	1.06	ng/ul	100
18) Acenaphthylene	13.99	152	58263	1.19	ng/ul	99
25) Phenanthrene	17.06	178	317204	5.50	ng/ul	98
27) Anthracene	17.16	178	93774	1.58	ng/ul	99
28) Fluoranthene	19.09	202	579882	8.55	ng/ul	99
31) Pyrene	19.46	202	509634	7.88	ng/ul#	97
32) Benzo(a)anthracene	21.21	228	322099	4.98	ng/ul	95
33) Chrysene	21.26	228	350174	5.87	ng/ul	95
35) Benzo(b)fluoranthene	22.77	252	578982	8.79	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	177902m	2.79	ng/ul	
38) Benzo(a)pyrene	23.33	252	368107	5.74	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.64	276	321433	4.33	ng/ul	97
40) Dibenzo(a,h)anthracene	25.63	278	85749	1.39	ng/ul#	83
41) Benzo(g,h,i)perylene	26.31	276	315300	4.95	ng/ul	96

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

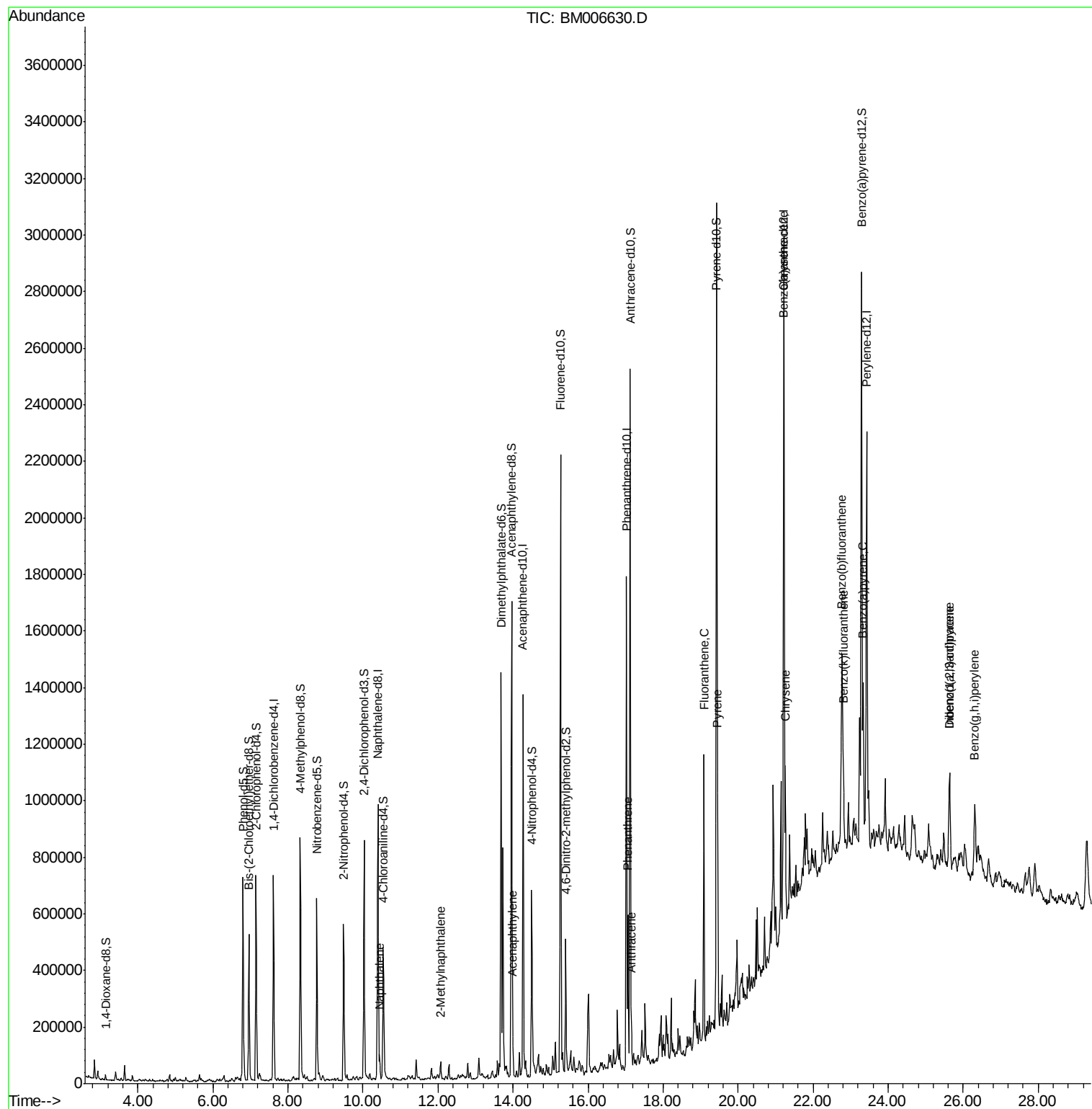
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006630.D
Acq On : 22 Jul 2016 18:36
Operator : UM/SJ
Sample : H4076-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

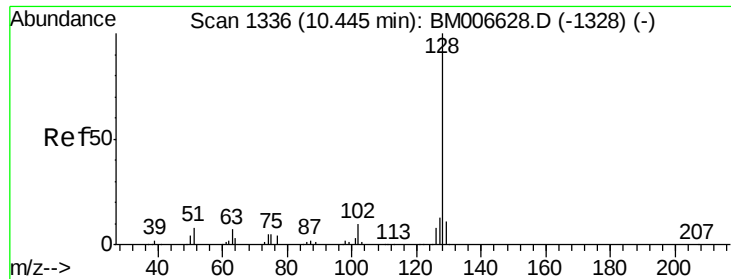
Instrument :
BNA_M
ClientSampleId :
D9YP7

Quant Time: Jul 23 00:58:38 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

Manual Integrations

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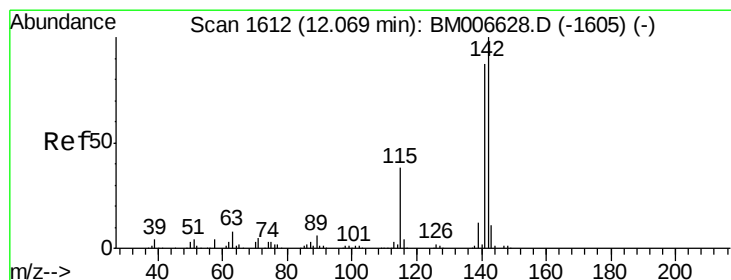
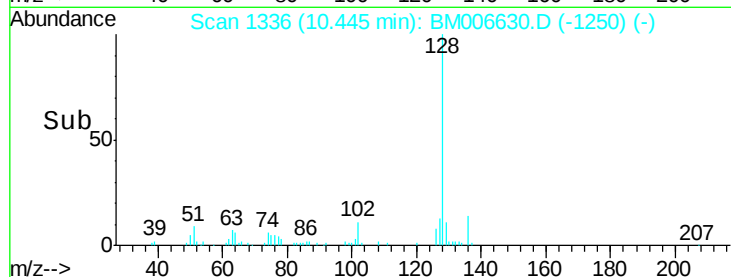
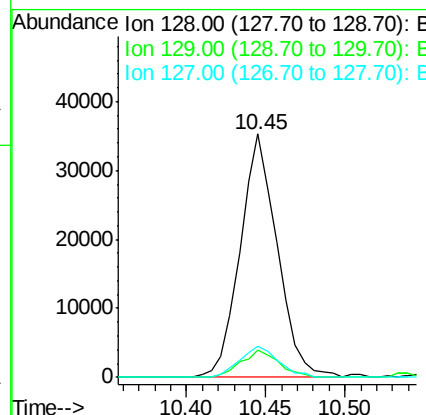
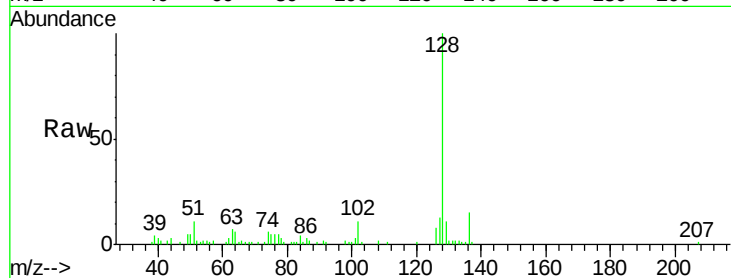
#11
Naphthalene
Concen: 1.37 ng/ul
RT: 10.45 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :
D9YP7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	12.6	10.8	16.2

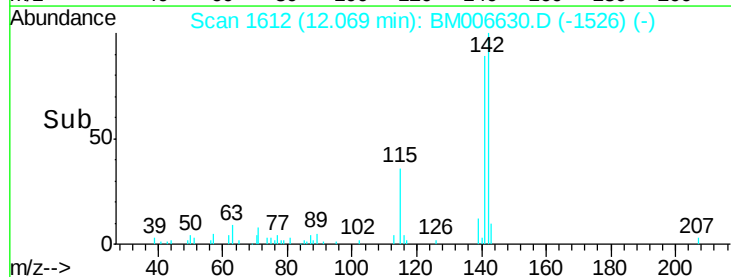
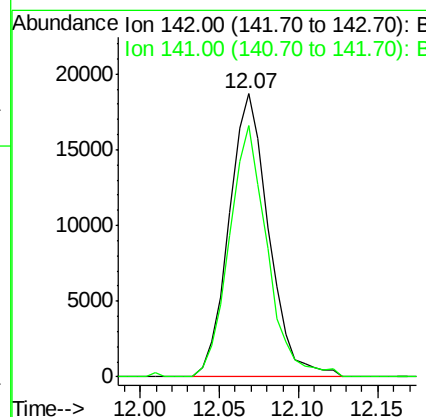
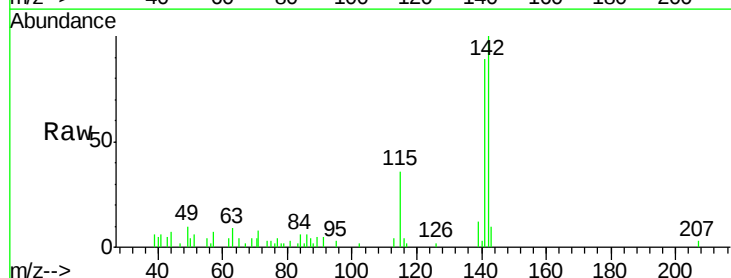
Manual Integrations

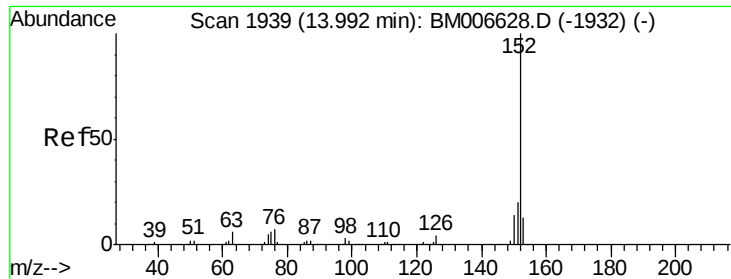
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#13
2-Methylnaphthalene
Concen: 1.06 ng/ul
RT: 12.07 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9





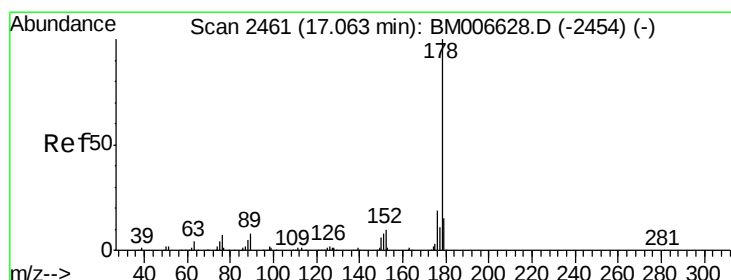
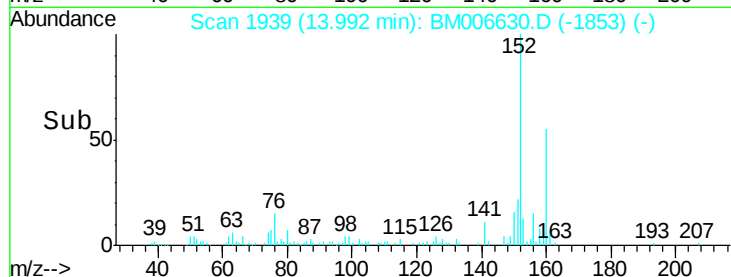
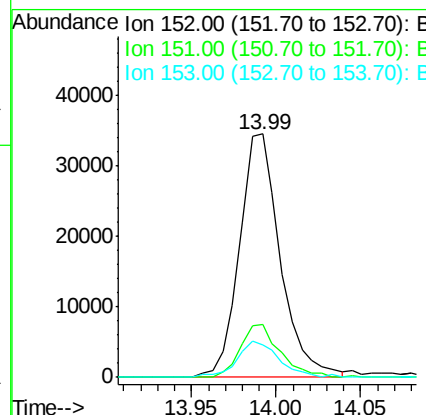
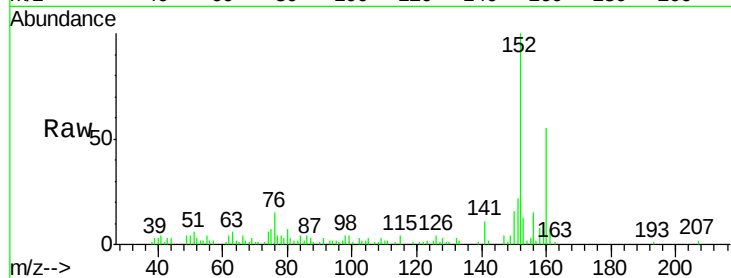
#18
Acenaphthylene
Concen: 1.19 ng/ul
RT: 13.99 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :
D9YP7

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.3	25.9
153	13.4	11.1	16.7

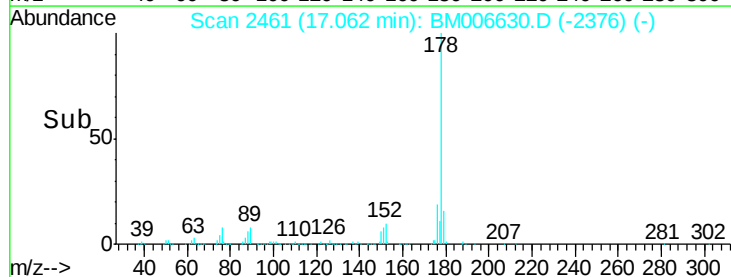
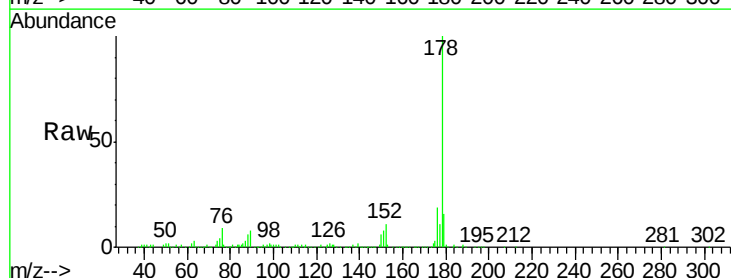
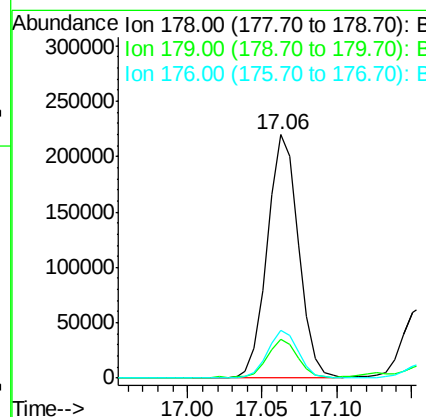
Manual Integrations

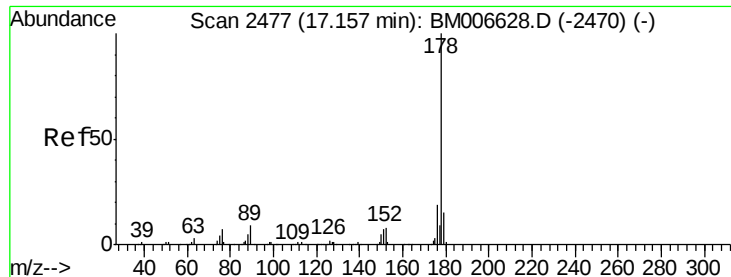
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#25
Phenanthrene
Concen: 5.50 ng/ul
RT: 17.06 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.4	14.8	22.2





#27

Anthracene

Concen: 1.58 ng/ul

RT: 17.16 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BM006630.D

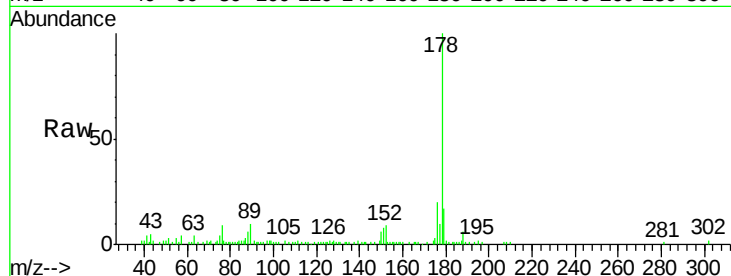
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Instrument :

BNA_M

ClientSampled :

D9YP7

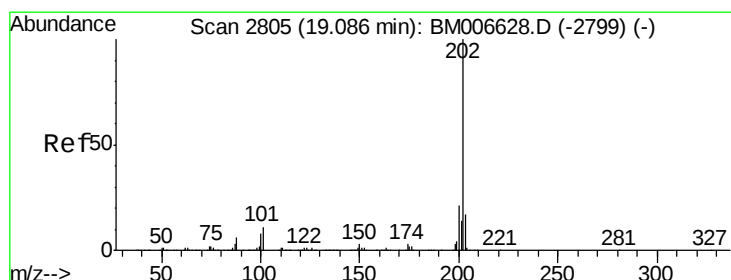
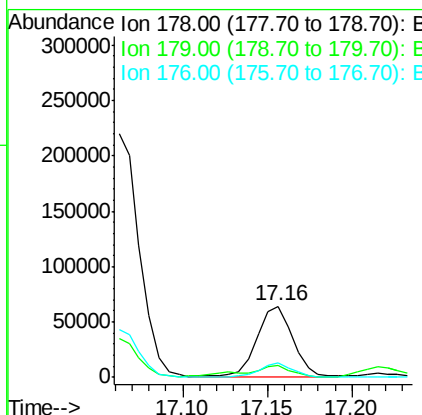
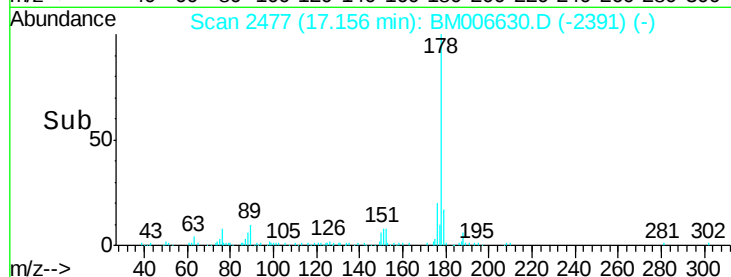


Tgt Ion:	178	Resp:	93774
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.9	19.3
176	19.9	15.6	23.4

Manual Integrations

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#28

Fluoranthene

Concen: 8.55 ng/ul

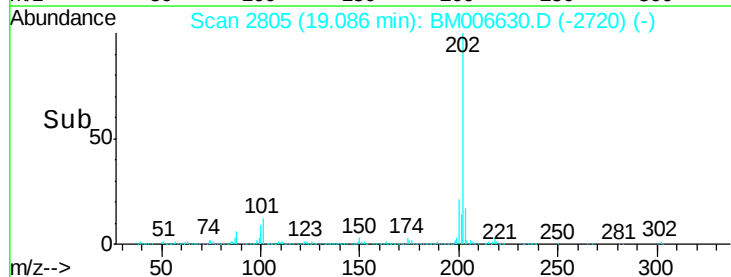
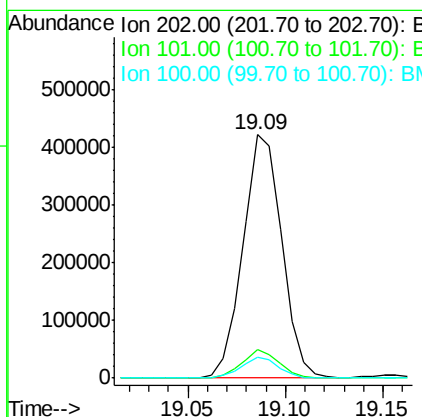
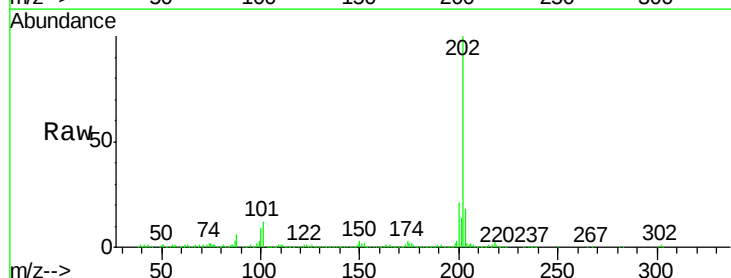
RT: 19.09 min Scan# 2805

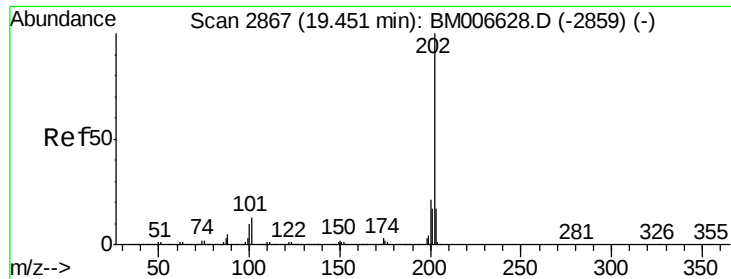
Delta R.T. -0.00 min

Lab File: BM006630.D

Acq: 22 Jul 2016 18:36

Tgt Ion:	202	Resp:	579882
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.9	13.3
100	8.6	7.0	10.4





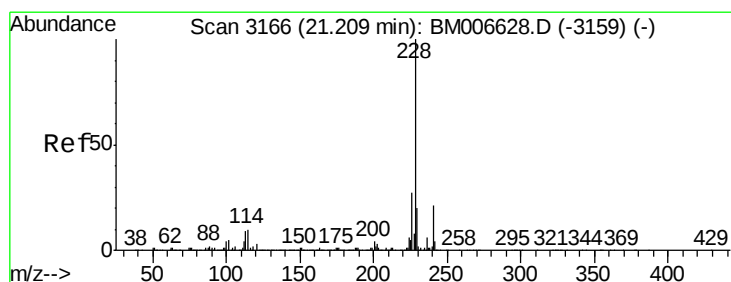
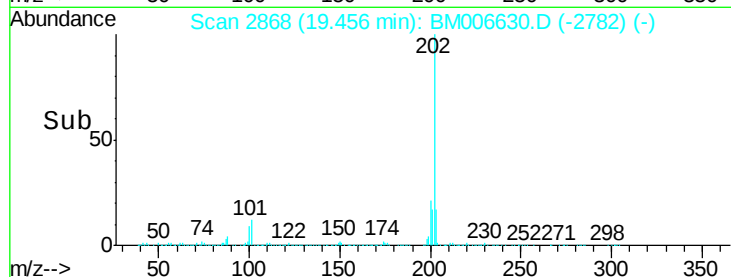
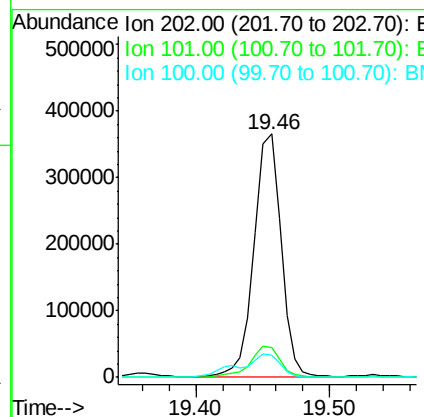
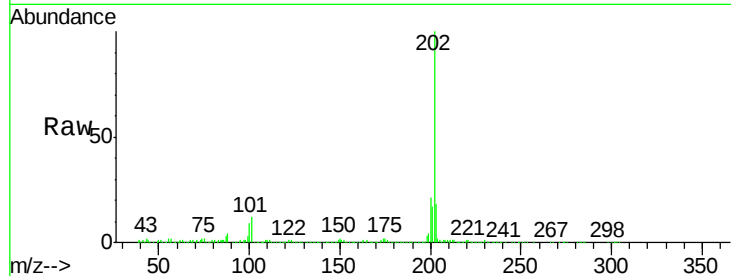
#31
 Pyrene
 Concen: 7.88 ng/ul
 RT: 19.46 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BM006630.D
 Acq: 22 Jul 2016 18:36

Instrument :
 BNA_M
 ClientSampleId :
 D9YP7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	9.8	14.8
100	9.2	9.3	13.9

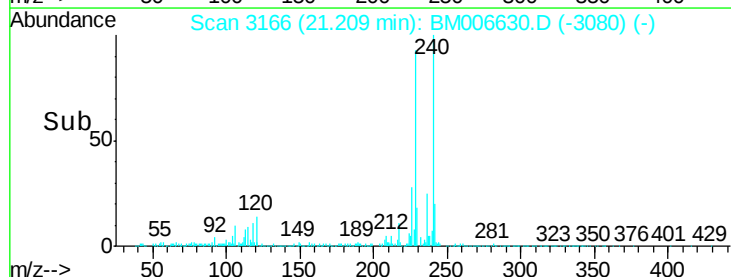
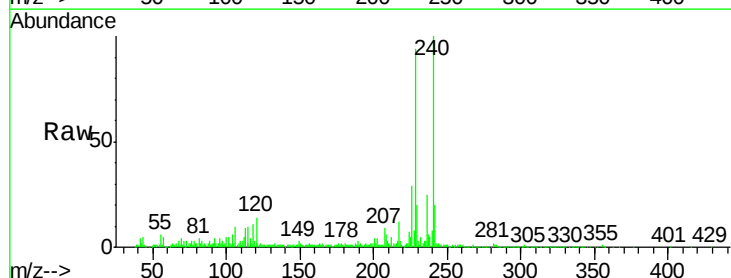
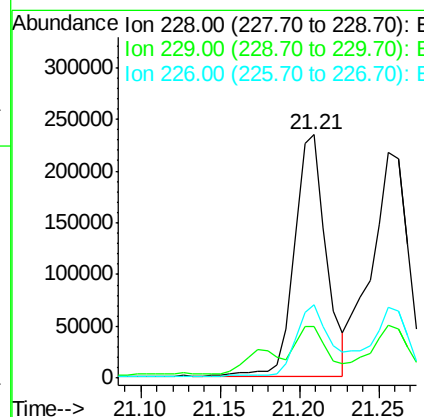
Manual Integrations

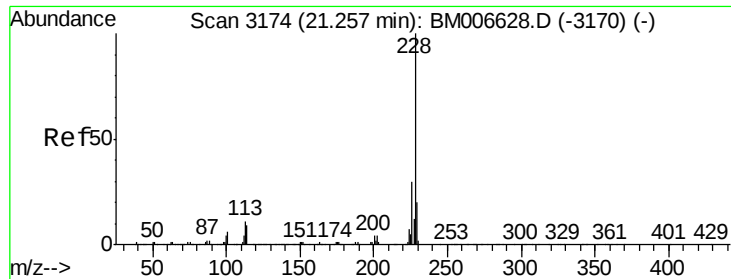
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#32
 Benzo(a)anthracene
 Concen: 4.98 ng/ul
 RT: 21.21 min Scan# 3166
 Delta R.T. 0.01 min
 Lab File: BM006630.D
 Acq: 22 Jul 2016 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	16.6	25.0
226	30.4	21.0	31.4





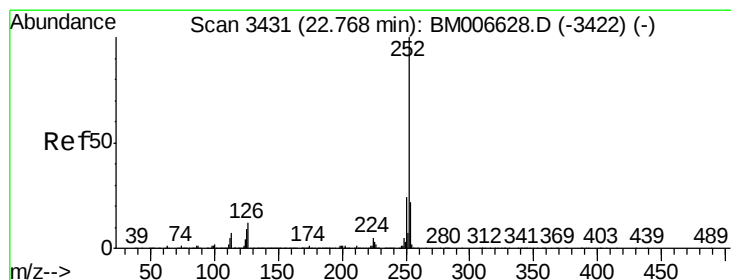
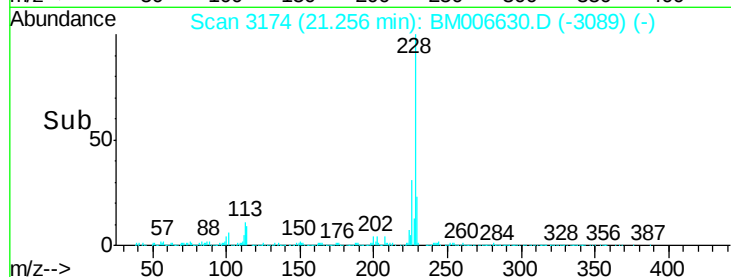
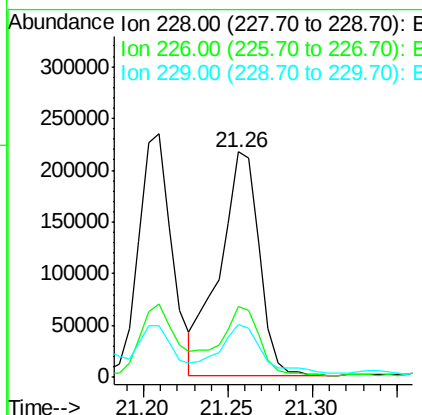
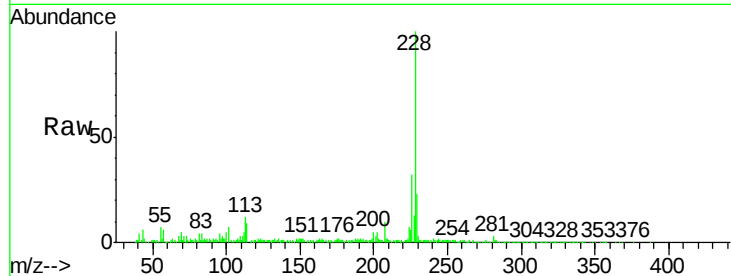
#33
Chrysene
Concen: 5.87 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :
D9YP7

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	23.5	16.2	24.2

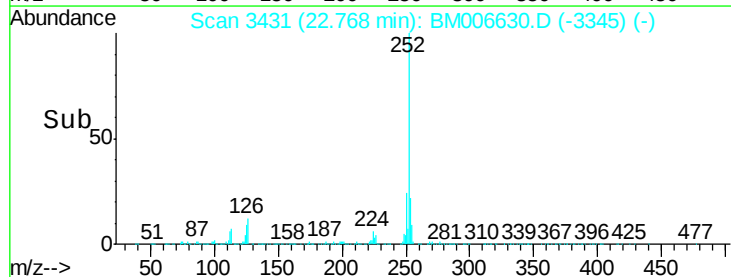
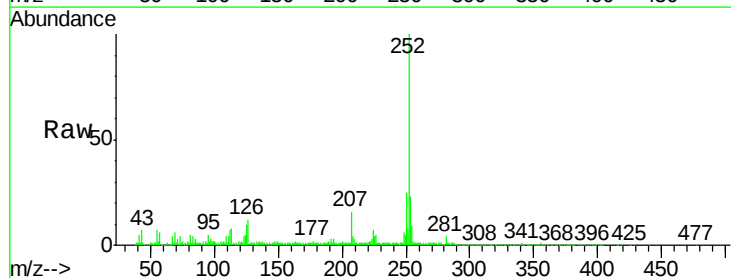
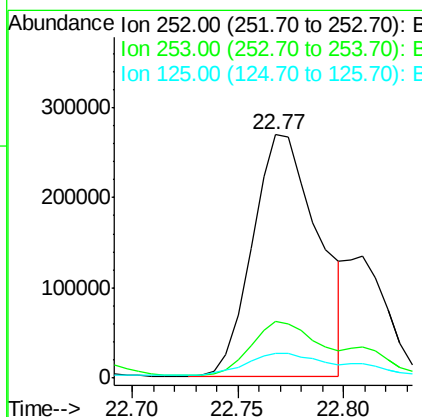
Manual Integrations

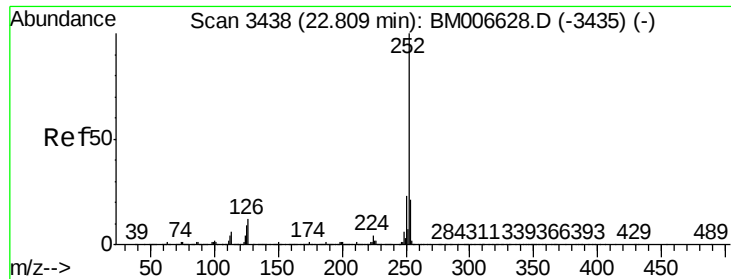
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#35
Benzo(b)fluoranthene
Concen: 8.79 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.3	7.6	11.4





#36

Benzo(k)fluoranthene

Concen: 2.79 ng/ul m

RT: 22.81 min Scan# 3438

Delta R.T. -0.00 min

Lab File: BM006630.D

Acq: 22 Jul 2016 18:36

Instrument :

BNA_M

ClientSampleId :

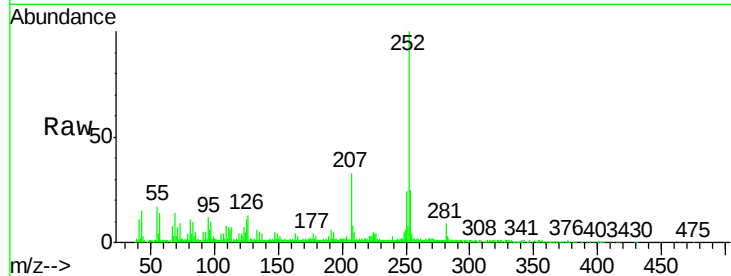
D9YP7

Tgt Ion:	252	Resp:	177902
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.8	26.8
125	11.4	7.7	11.5

Manual Integrations

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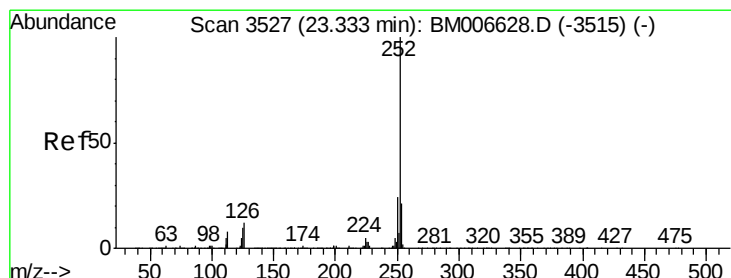
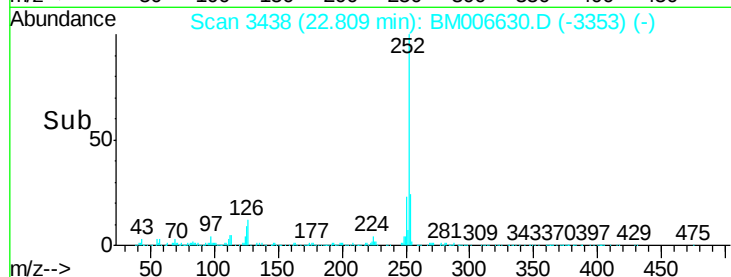
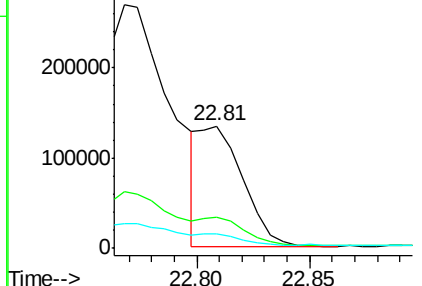
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 5.74 ng/ul

RT: 23.33 min Scan# 3527

Delta R.T. 0.01 min

Lab File: BM006630.D

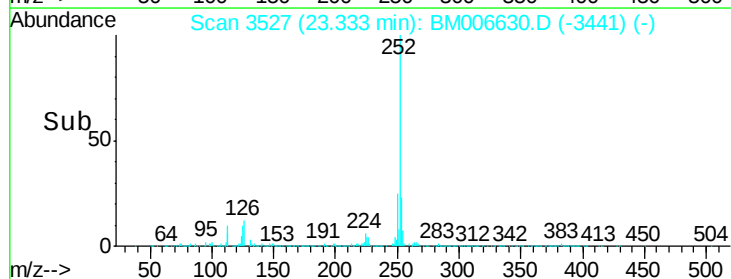
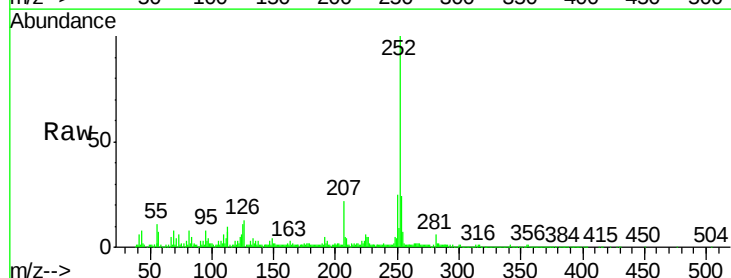
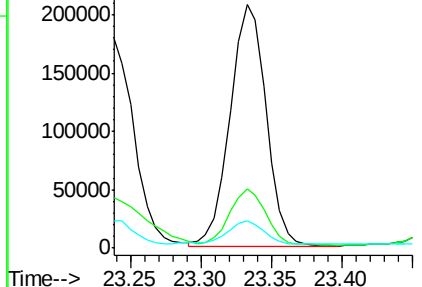
Acq: 22 Jul 2016 18:36

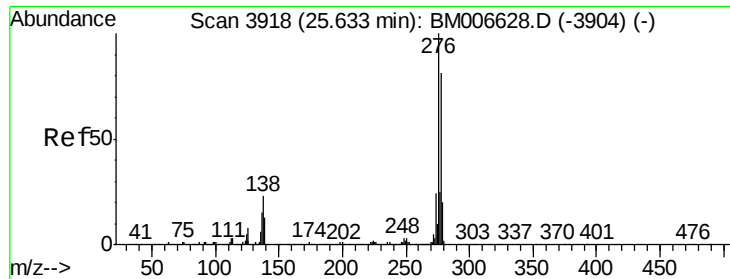
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Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.0
125	11.0	8.2	12.2

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





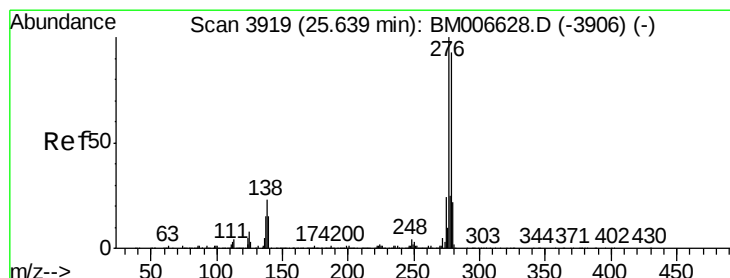
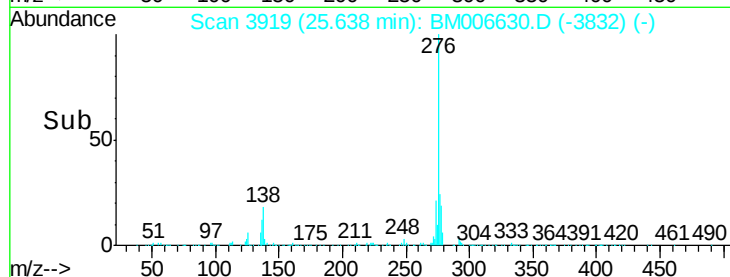
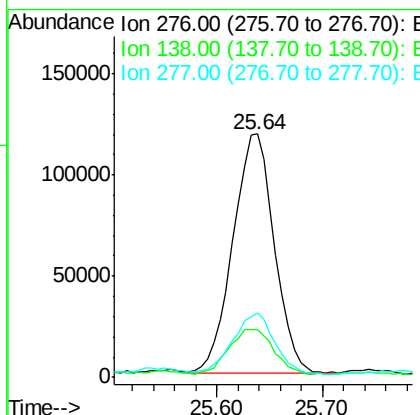
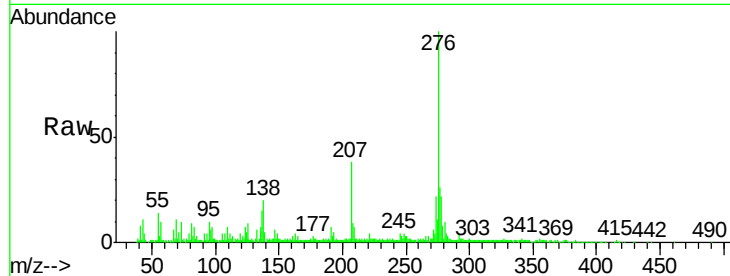
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.33 ng/ul
RT: 25.64 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :
D9YP7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.8	23.6
277	26.2	19.0	28.6

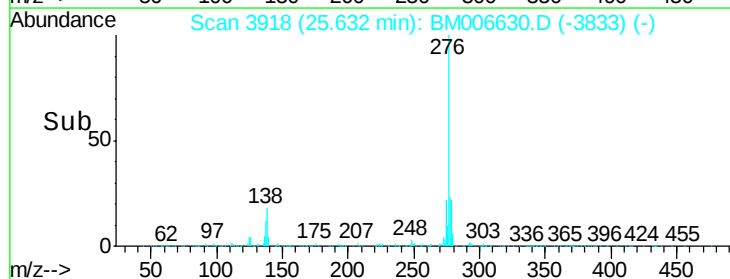
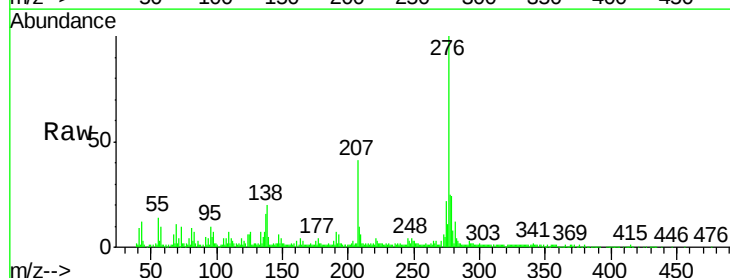
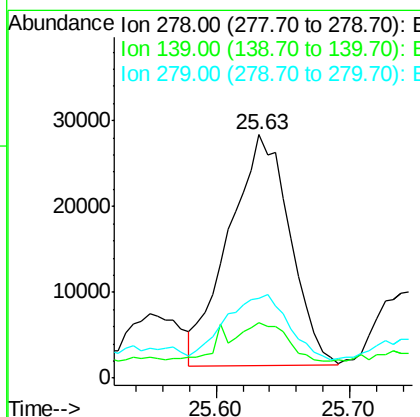
Manual Integrations

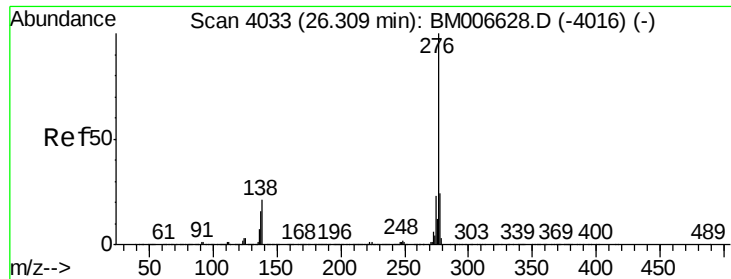
sohil
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#40
Dibenzo(a,h)anthracene
Concen: 1.39 ng/ul
RT: 25.63 min Scan# 3918
Delta R.T. -0.00 min
Lab File: BM006630.D
Acq: 22 Jul 2016 18:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	12.1	18.1#
279	32.9	19.8	29.8#





#41
 Benzo(g,h,i)perylene
 Concen: 4.95 ng/ul
 RT: 26.31 min Scan# 4033
 Delta R.T. 0.01 min
 Lab File: BM006630.D
 Acq: 22 Jul 2016 18:36

Instrument :
 BNA_M
 ClientSampleId :
 D9YP7

Tgt	Ion	276	Resp:	315300
	Ratio	100	Lower	Upper
	276	100		
	138	20.3	13.9	20.9
	277	25.9	19.8	29.6

Manual Integrations

sohil
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