

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009616.D
 Acq On : 07 Apr 2017 04:35
 Operator : SJ/MA
 Sample : I2525-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB366

Manual Integrations
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 4/7/2017 2:11:03 PM

Quant Time: Apr 07 05:15:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	191890	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	752806	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	433078	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	968342	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1222744	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1178503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	260729	22.52	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1418002	33.41	ng/ul	0.00
10) Fluorene-d10	15.48	176	977176	32.01	ng/ul	0.00
15) Anthracene-d10	17.33	188	1508290m	32.56	ng/ul	0.00
19) Pyrene-d10	19.63	212	1805525	35.93	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1769238	34.00	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.21	152	86676	2.04	ng/ul	94
9) Acenaphthene	14.55	153	32955	1.12	ng/ul#	90
11) Fluorene	15.53	166	36267	1.01	ng/ul	86
14) Phenanthrene	17.28	178	870442	15.99	ng/ul	97
16) Anthracene	17.37	178	205899	3.66	ng/ul	96
17) Fluoranthene	19.30	202	1950525	28.77	ng/ul	95
20) Pyrene	19.66	202	1902203	28.57	ng/ul	96
21) Benzo(a)anthracene	21.40	228	1152499	16.67	ng/ul	99
22) Chrysene	21.46	228	1113424	17.57	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1675320	22.99	ng/ul#	93
25) Benzo(k)fluoranthene	23.09	252	504624m	7.27	ng/ul	
27) Benzo(a)pyrene	23.64	252	1120841	16.17	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.11	276	809585	10.42	ng/ul	96
29) Dibenzo(a,h)anthracene	26.11	278	243467m	3.69	ng/ul	
30) Benzo(a,h,i)perylene	26.84	276	775394	12.11	ng/ul#	92

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

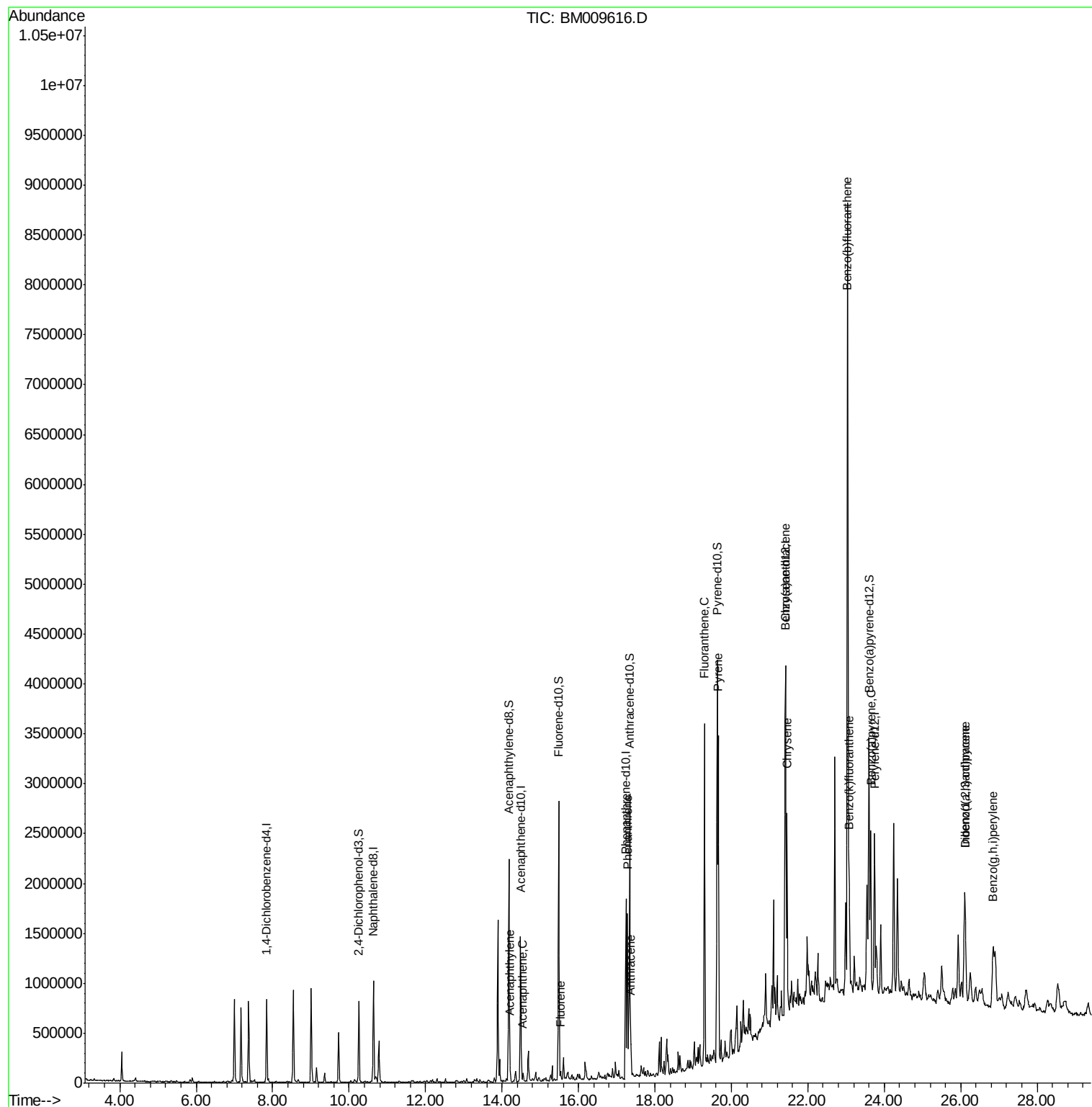
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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ALS Vial : 33 Sample Multiplier: 1

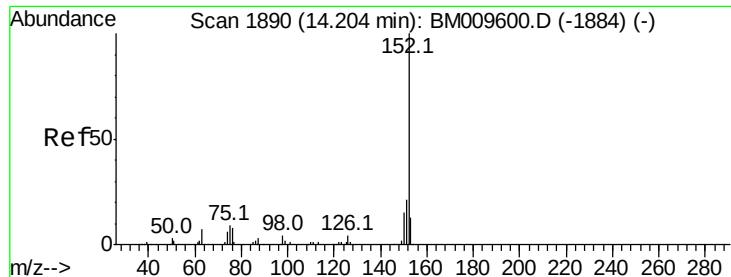
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 2.04 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM009616.D

Acq: 07 Apr 2017 04:35

Instrument :

BNA_M

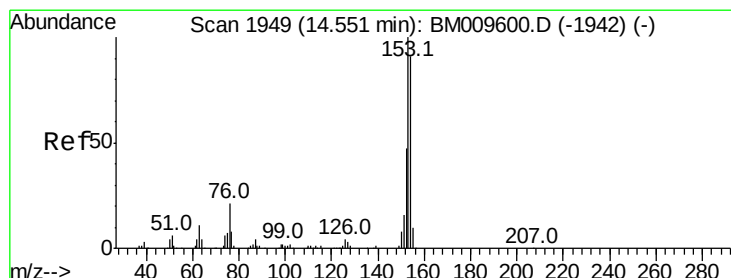
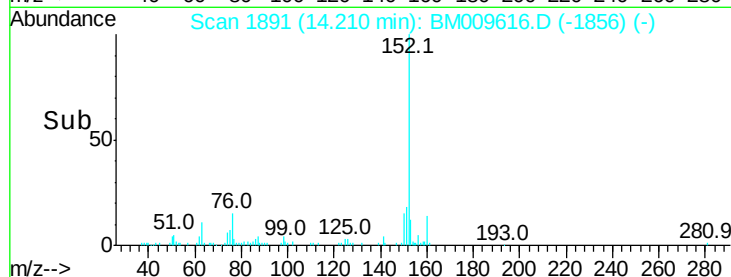
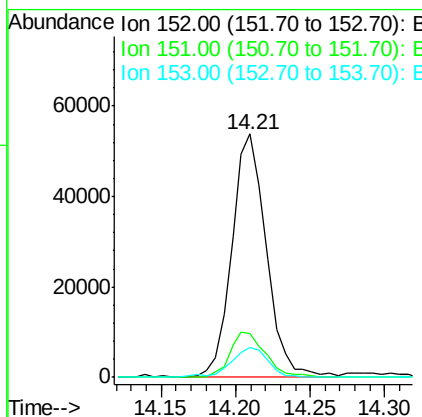
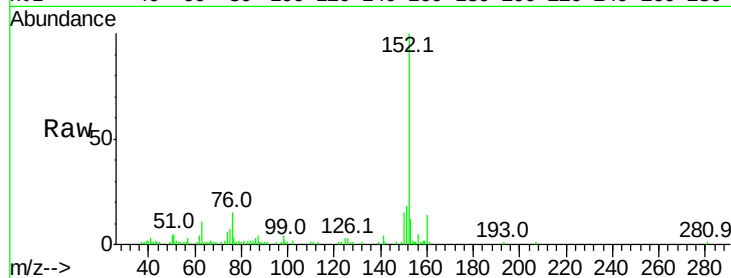
ClientSampleId :

CB366

Tot Ion:	152	Resp:	86676
Ion	Ratio	Lower	Upper
152	100		
151	18.2	17.5	26.3
153	12.1	10.6	16.0

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#9

Acenaphthene

Concen: 1.12 ng/ul

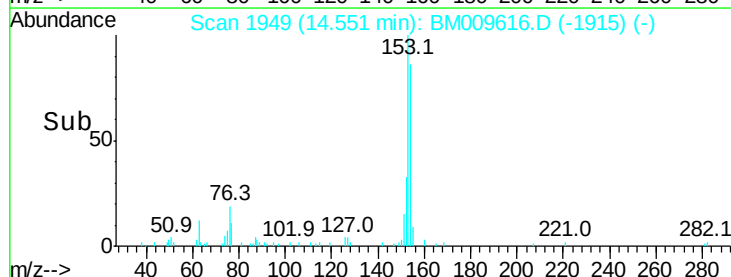
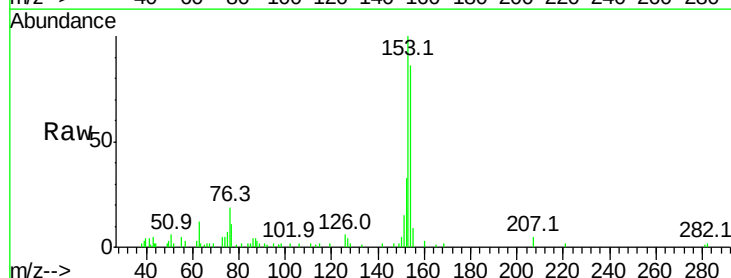
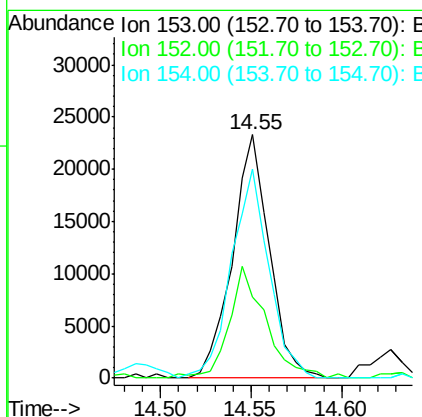
RT: 14.55 min Scan# 1949

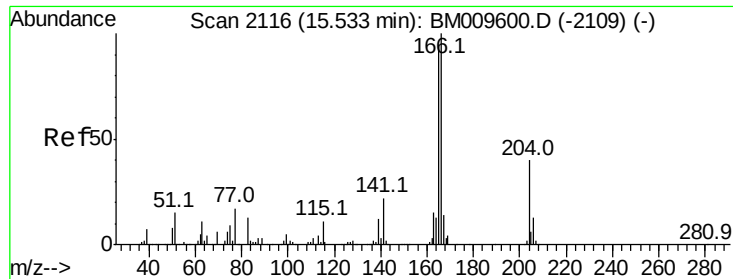
Delta R.T. 0.00 min

Lab File: BM009616.D

Acq: 07 Apr 2017 04:35

Tgt Ion:	153	Resp:	32955
Ion	Ratio	Lower	Upper
153	100		
152	33.0	37.9	56.9#
154	86.1	71.6	107.4





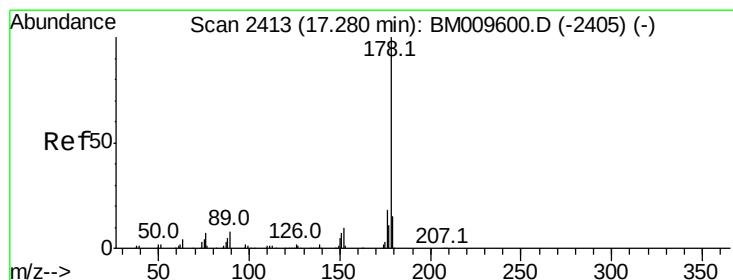
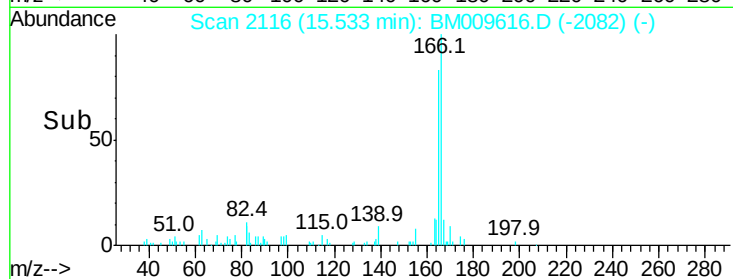
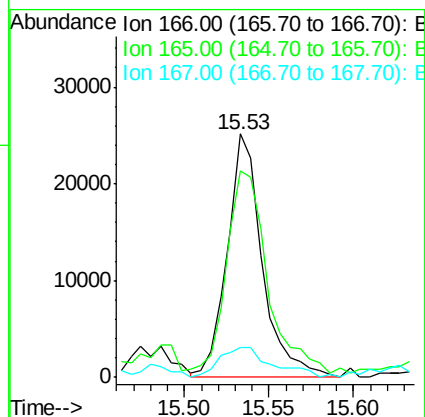
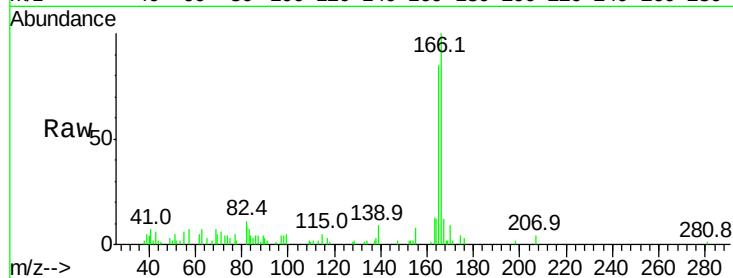
#11
Fluorene
Concen: 1.01 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM009616.D
Acq: 07 Apr 2017 04:35

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	85.0	80.0	120.0
167	12.2	11.6	17.4

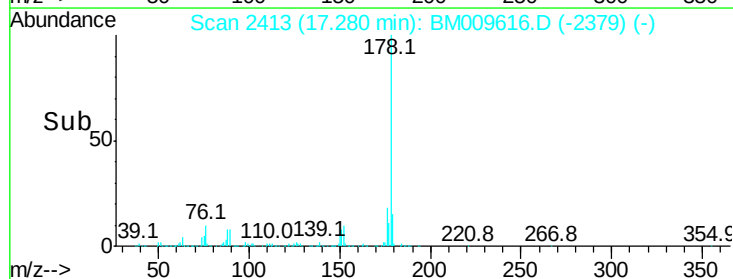
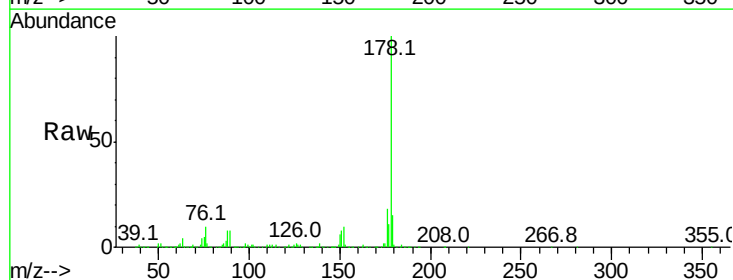
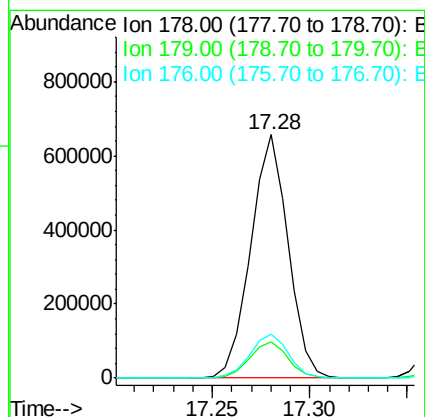
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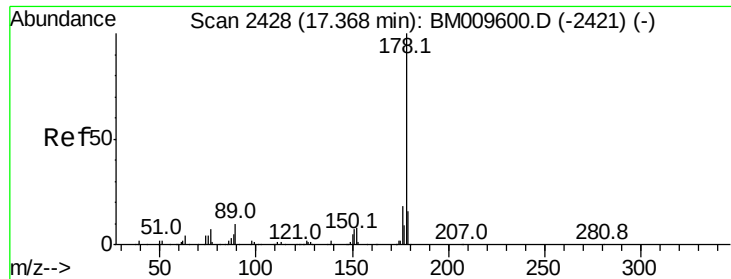
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#14
Phenanthrene
Concen: 15.99 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009616.D
Acq: 07 Apr 2017 04:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	18.3	16.4	24.6





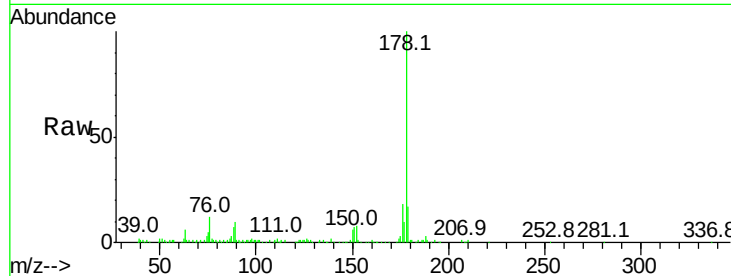
#16
 Anthracene
 Concen: 3.66 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM009616.D
 Acq: 07 Apr 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 CB366

Tot Ion	Ratio	Resp	Lower	Upper
178	100	205899		
179	17.1		12.7	19.1
176	17.6		15.8	23.8

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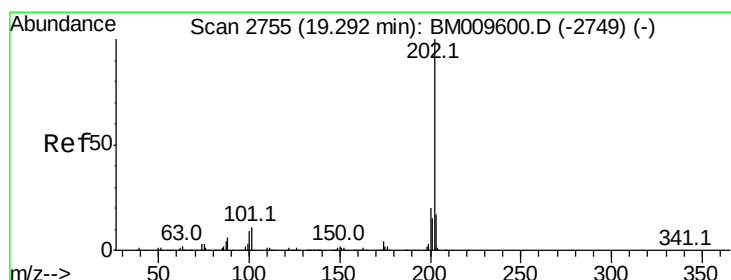
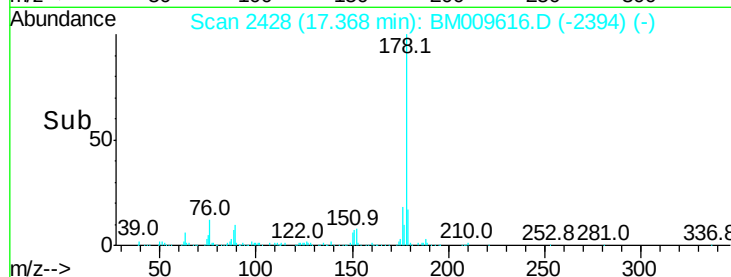
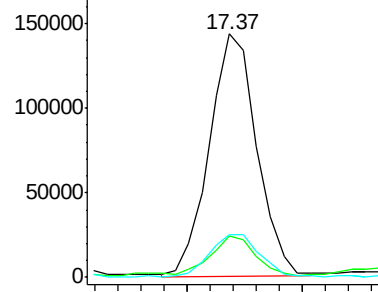


Abundance

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



#17
 Fluoranthene
 Concen: 28.77 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. 0.01 min
 Lab File: BM009616.D
 Acq: 07 Apr 2017 04:35

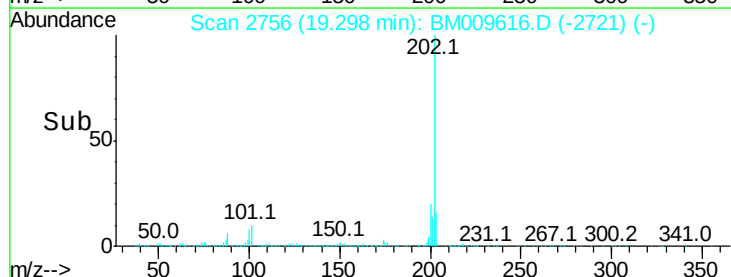
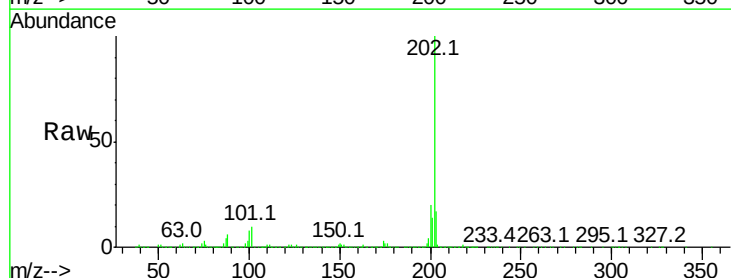
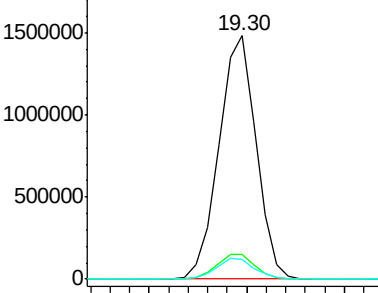
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1950525		
101	9.9		9.8	14.8
100	7.9		7.5	11.3

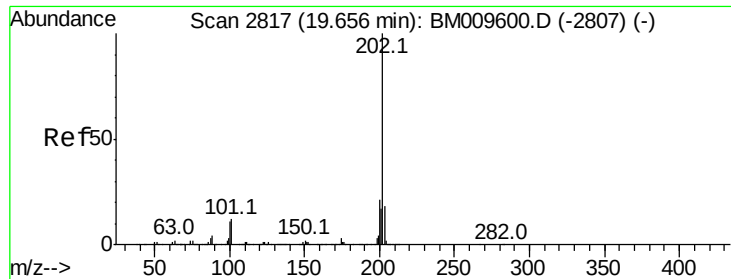
Abundance

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





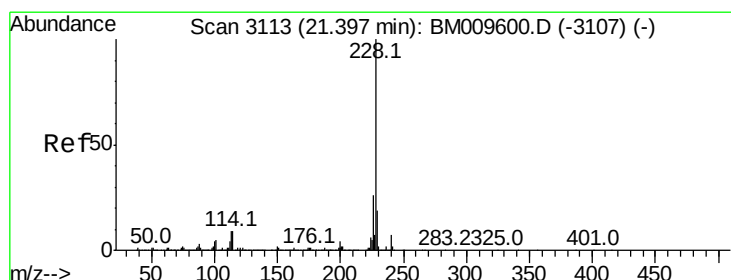
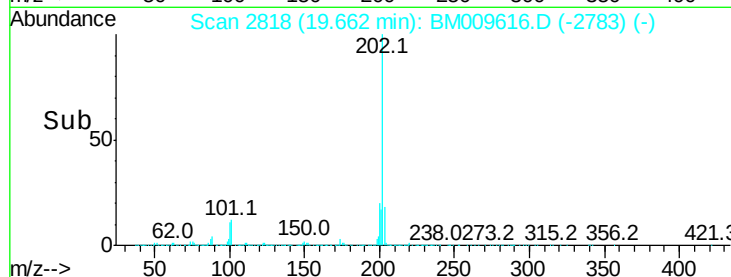
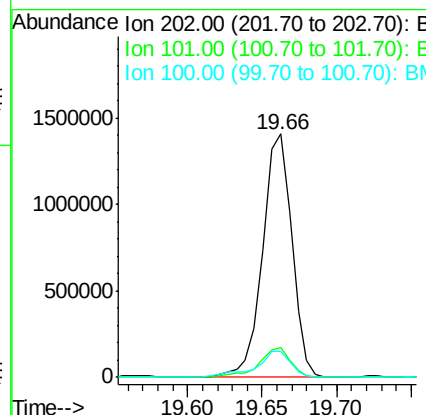
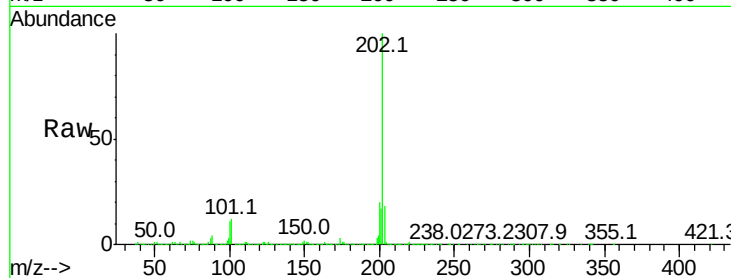
#20
Pvrene
Concen: 28.57 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009616.D
Acq: 07 Apr 2017 04:35

Instrument :
BNA_M
ClientSampleId :
CB366

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.2	16.8
100	10.8	9.8	14.6

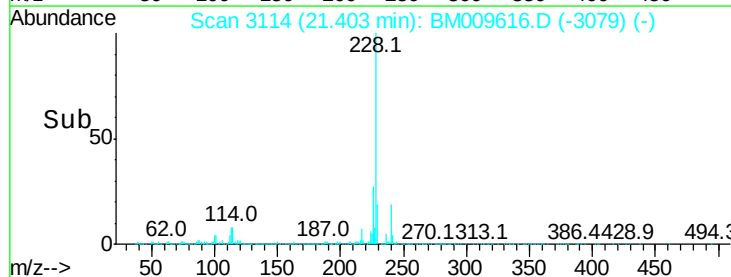
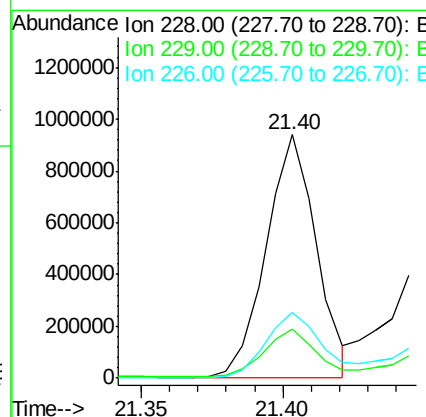
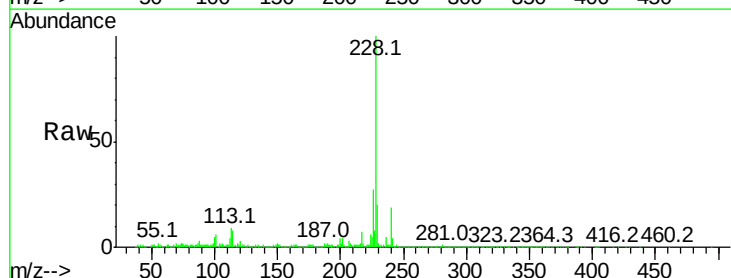
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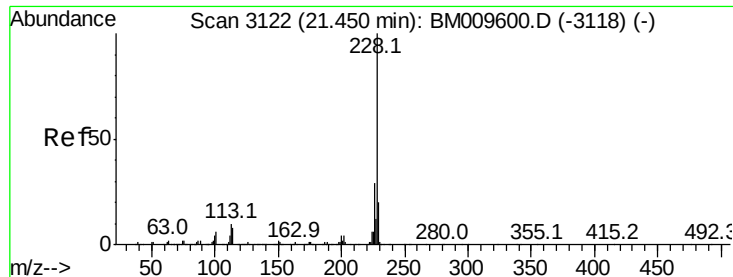
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#21
Benzo(a)anthracene
Concen: 16.67 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009616.D
Acq: 07 Apr 2017 04:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	27.0	22.1	33.1





#22

Chrysene

Concen: 17.57 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM009616.D

Acq: 07 Apr 2017 04:35

Instrument :

BNA_M

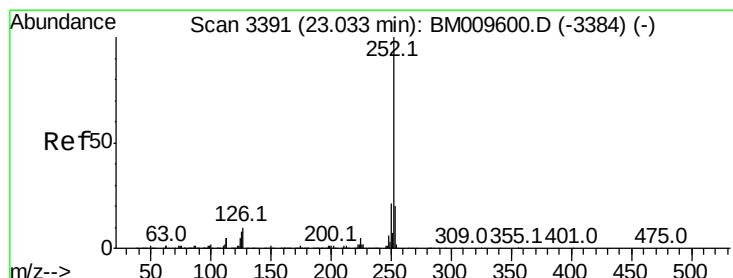
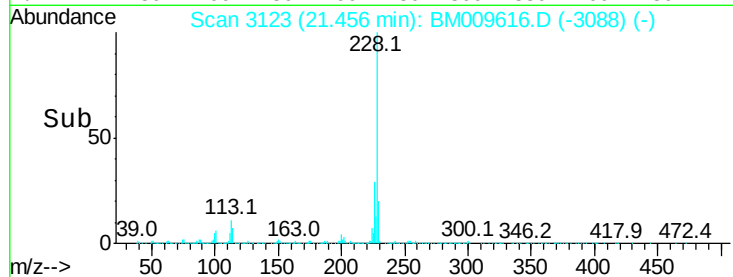
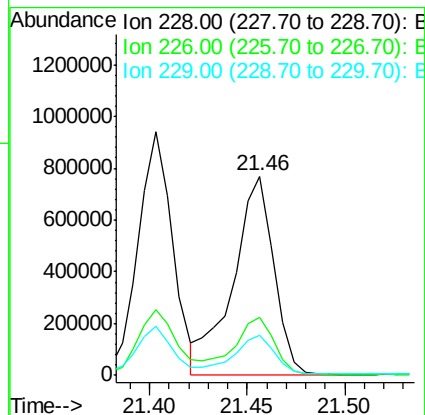
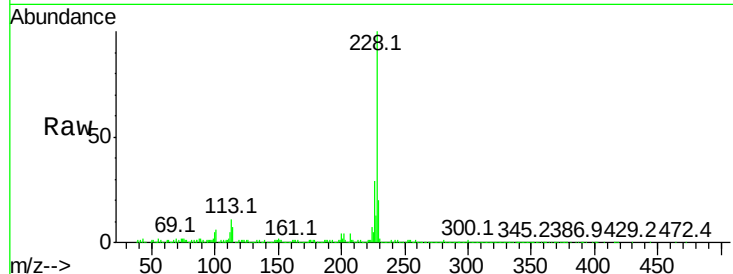
ClientSampleId :

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Tot Ion:	228	Resp:	1113424
Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.0	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 22.99 ng/ul

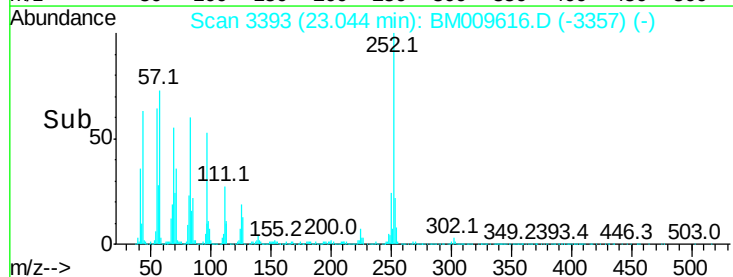
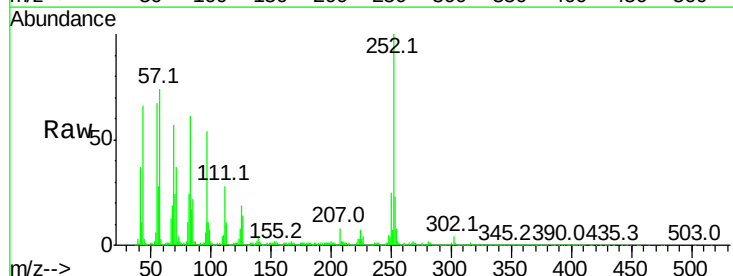
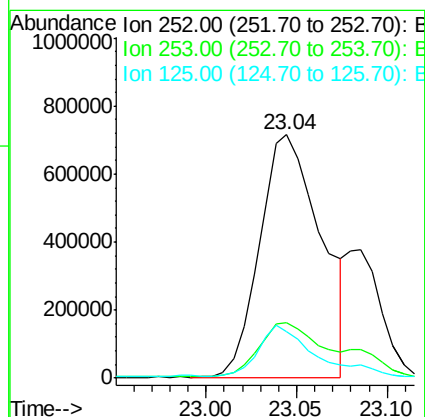
RT: 23.04 min Scan# 3393

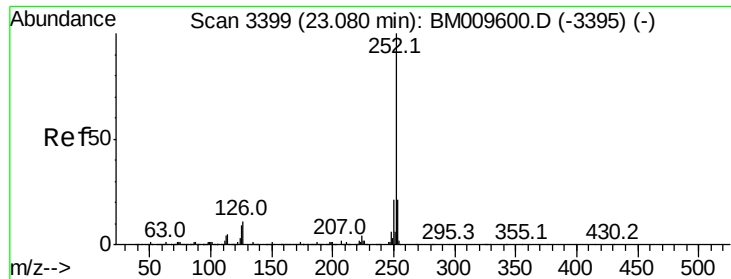
Delta R.T. 0.01 min

Lab File: BM009616.D

Acq: 07 Apr 2017 04:35

Tgt Ion:	252	Resp:	1675320
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	19.3	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 7.27 ng/ul m

RT: 23.09 min Scan# 3400

Delta R.T. 0.01 min

Lab File: BM009616.D

Acq: 07 Apr 2017 04:35

Instrument :

BNA_M

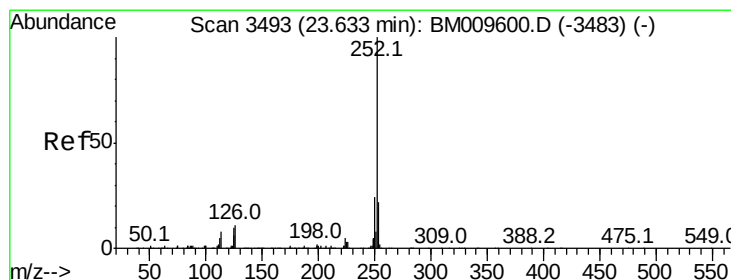
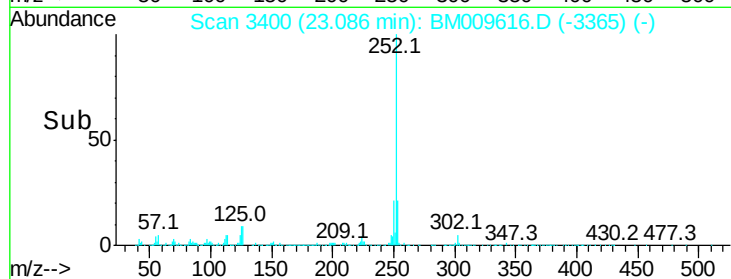
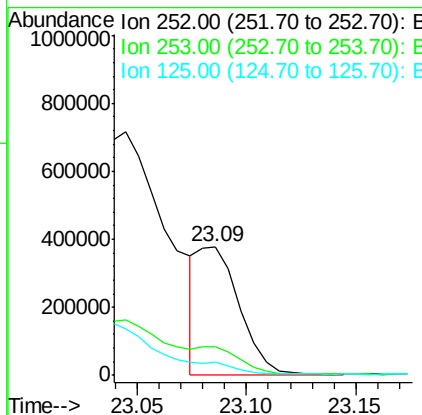
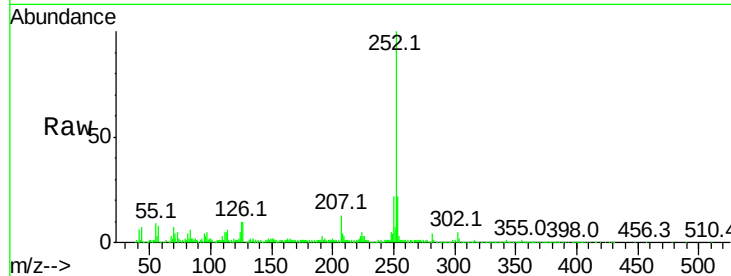
ClientSampled :

CB366

Tot Ion:	252	Resp:	504624
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	9.8	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 16.17 ng/ul

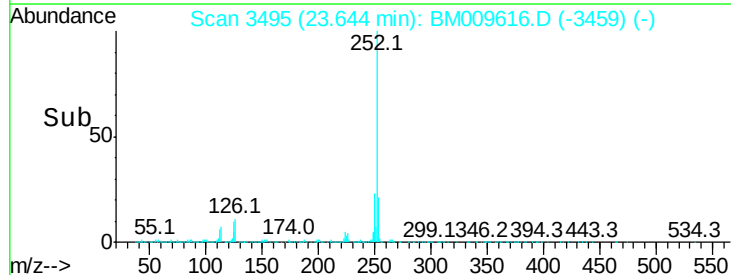
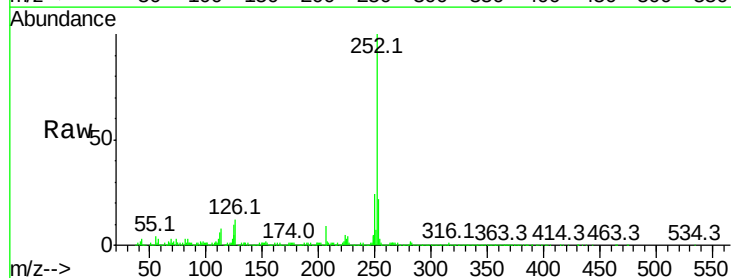
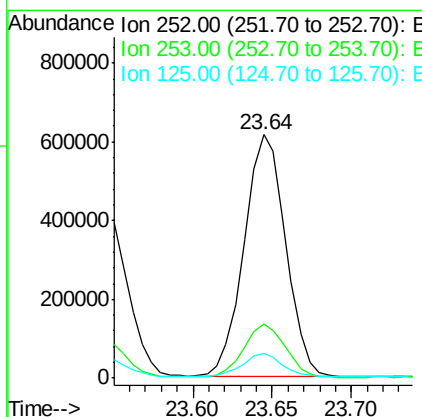
RT: 23.64 min Scan# 3495

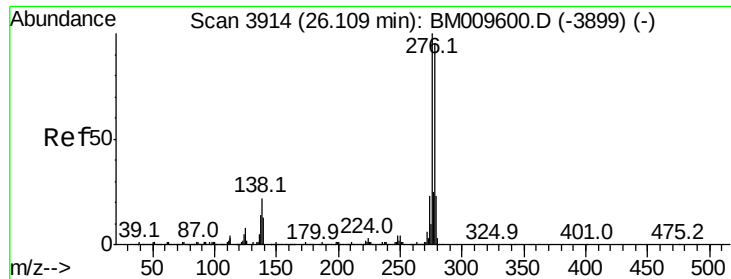
Delta R.T. 0.01 min

Lab File: BM009616.D

Acq: 07 Apr 2017 04:35

Tgt Ion:	252	Resp:	1120841
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	10.0	9.4	14.2





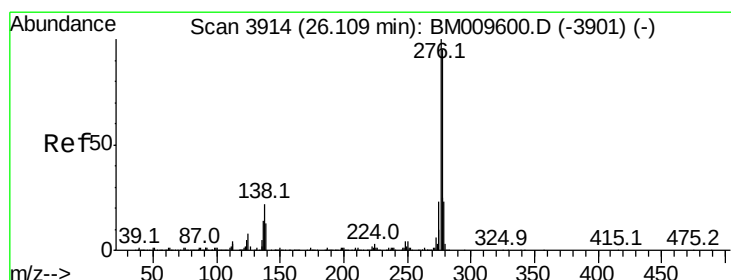
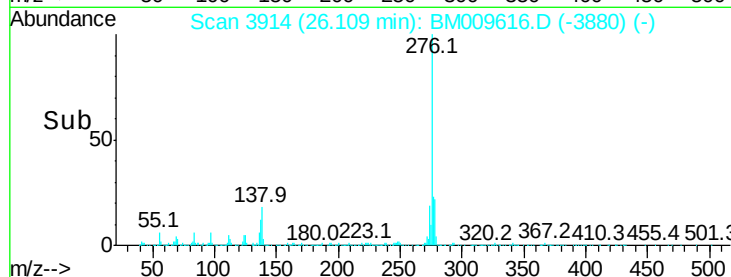
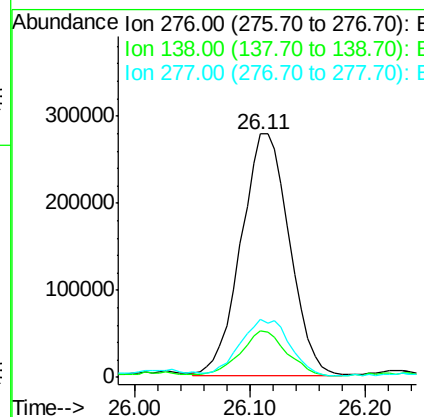
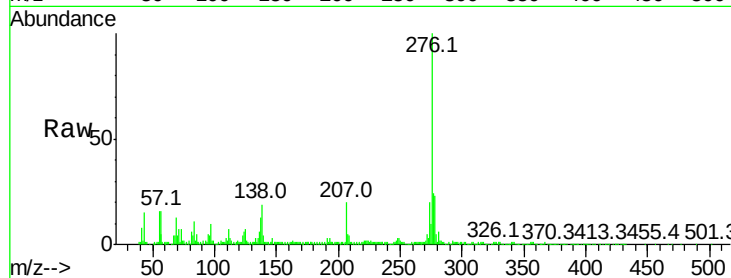
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 10.42 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: BM009616.D
 Acq: 07 Apr 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 CB366

Tot Ion	Ratio	Resp	Lower	Upper
276	100	809585		
138	19.0		17.8	26.6
277	23.8		19.4	29.0

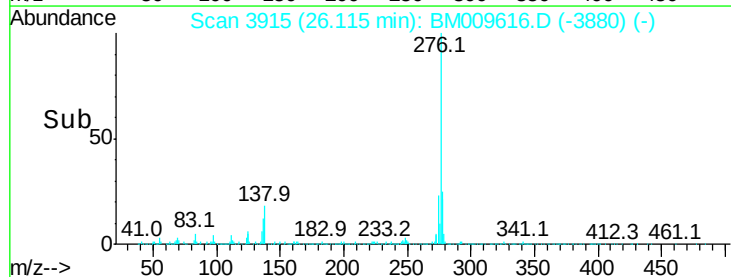
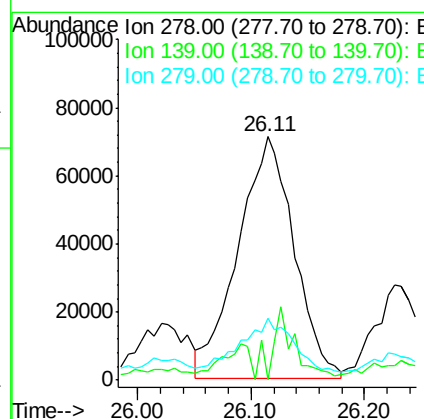
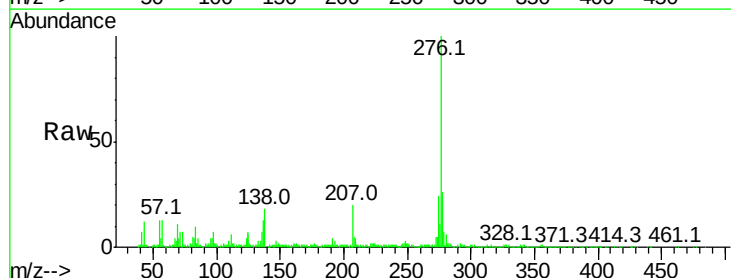
Manual Integrations
 APPROVED

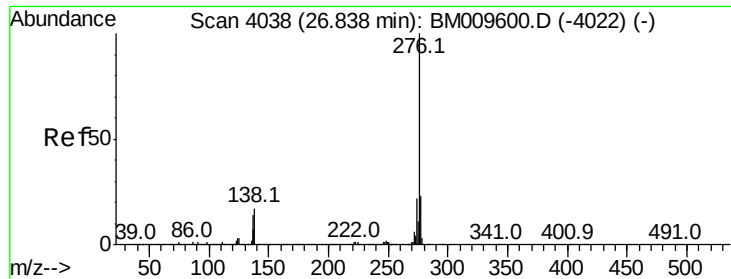
mohammad
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#29
 Dibenzo(a,h)anthracene
 Concen: 3.69 ng/ul m
 RT: 26.11 min Scan# 3915
 Delta R.T. 0.01 min
 Lab File: BM009616.D
 Acq: 07 Apr 2017 04:35

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	243467		
139	0.0		14.0	21.0#
279	25.5		20.6	31.0





#30
 Benzo(a,h,i)perylene
 Concen: 12.11 ng/ul
 RT: 26.84 min Scan# 4039
 Delta R.T. 0.01 min
 Lab File: BM009616.D
 Acq: 07 Apr 2017 04:35

Instrument :
 BNA_M
 ClientSampleId :
 CB366

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	19.0	28.4#
277	23.0	19.7	29.5

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