

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008056.D
 Acq On : 24 Nov 2016 04:23
 Operator : UM/SJ
 Sample : H5694-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS6

Manual Integrations
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Quant Time: Nov 24 06:22:02 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	763	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2619	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1596	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3234m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2815	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2951	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	641	0.17	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	1444	0.16	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.54	128	970	0.13	ng/ul#	89
5) 2-Methylnaphthalene	12.16	142	508	0.11	ng/ul	99
7) Acenaphthylene	14.06	152	784	0.11	ng/ul#	84
8) Acenaphthene	14.40	153	292	0.05	ng/ul#	92
9) Fluorene	15.39	166	355	0.06	ng/ul#	69
12) Phenanthrene	17.12	178	9488	0.94	ng/ul	96
13) Anthracene	17.23	178	1638	0.17	ng/ul#	92
15) Fluoranthene	19.16	202	16333	1.26	ng/ul	94
17) Pyrene	19.52	202	16527	1.69	ng/ul	97
18) Benzo(a)anthracene	21.27	228	7582	0.88	ng/ul	97
19) Chrysene	21.32	228	7449	0.69	ng/ul	96
21) Benzo(b)fluoranthene	22.86	252	9592m	0.81	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	3485m	0.29	ng/ul	
23) Benzo(a)pyrene	23.42	252	7478	0.68	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.78	276	5077	0.37	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.78	278	1256	0.11	ng/ul#	45
26) Benzo(a,h,i)perylene	26.46	276	5167	0.43	ng/ul	96

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

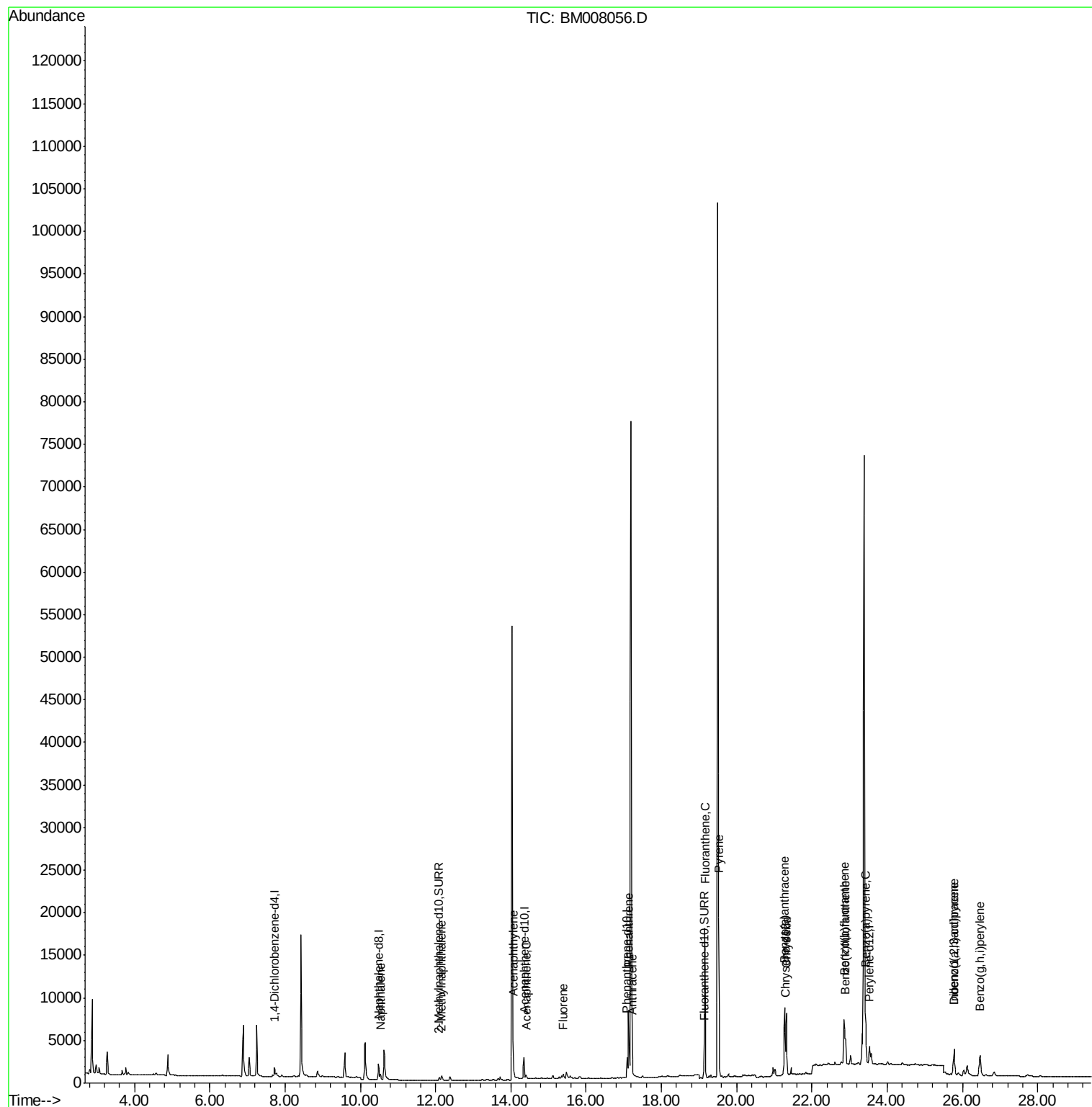
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
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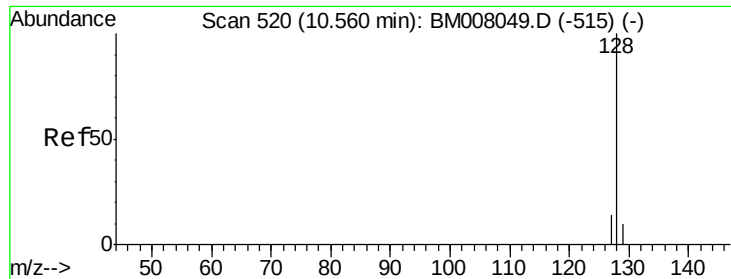
Instrument :
BNA_M
ClientSampleId :
JHSS6

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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#3

Naphthalene

Concen: 0.13 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Instrument :

BNA_M

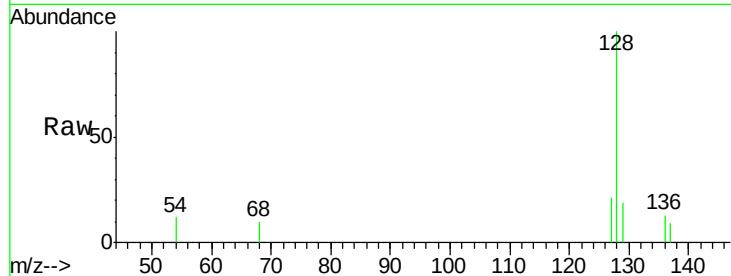
ClientSampleId :

JHSS6

Tot Ion:	128	Resp:	970
Ion	Ratio	Lower	Upper
128	100		
129	19.0	11.3	16.9#
127	20.7	12.8	19.2#

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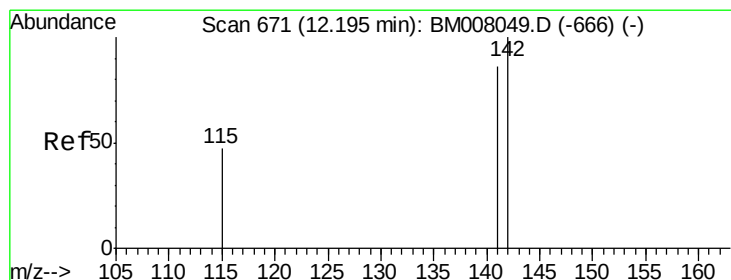
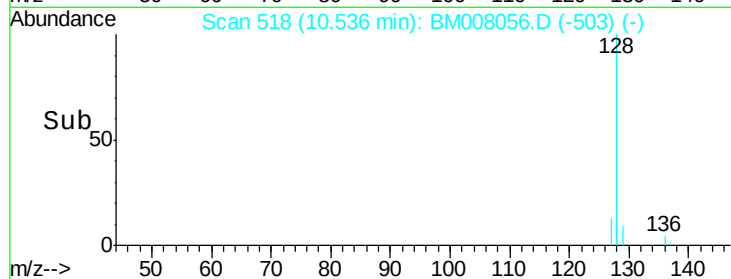
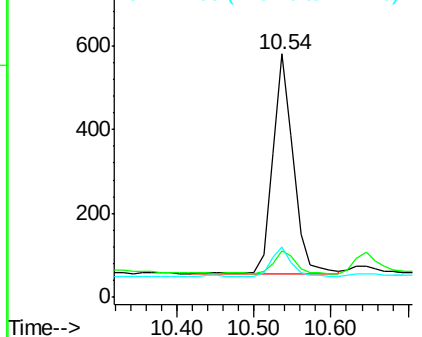


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

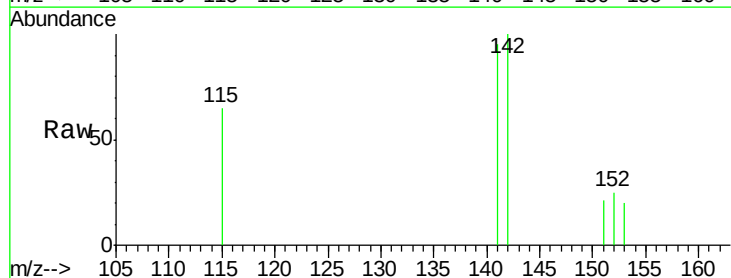
RT: 12.16 min Scan# 668

Delta R.T. -0.03 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

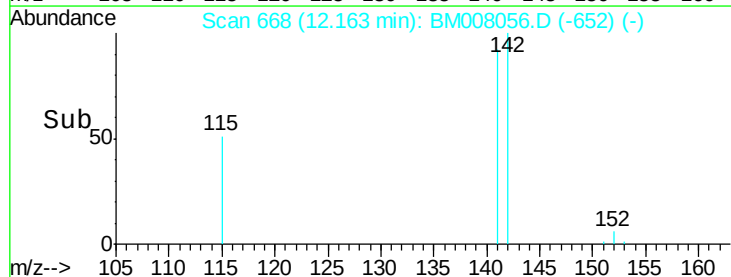
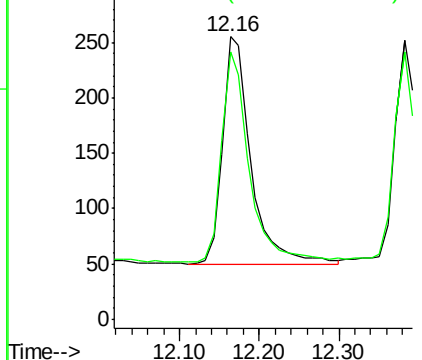
Tgt Ion:	142	Resp:	508
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8

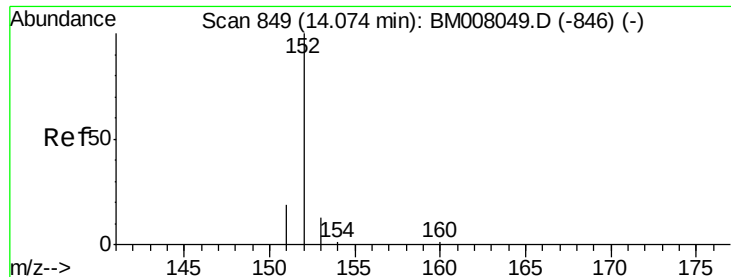


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Instrument :

BNA_M

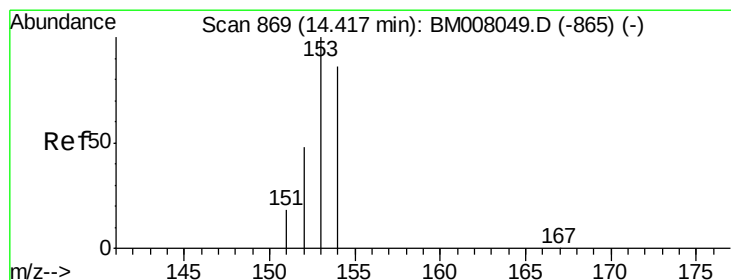
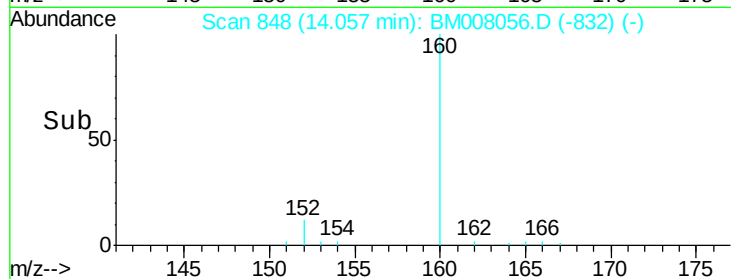
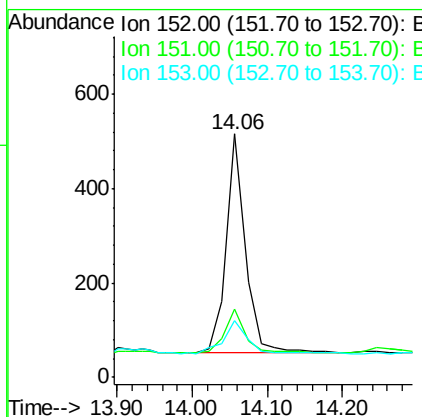
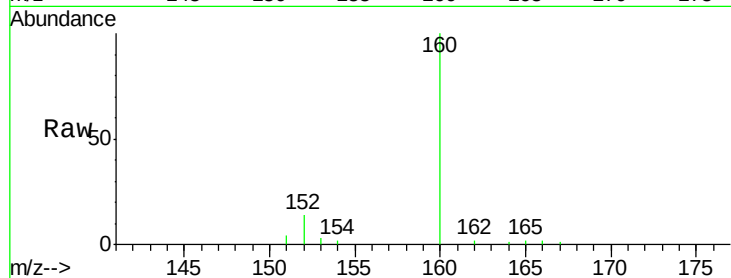
ClientSampleId :

JHSS6

Tot Ion:	152	Resp:	784
Ion Ratio	Lower	Upper	
152	100		
151	28.3	17.1	25.7#
153	23.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.05 ng/ul

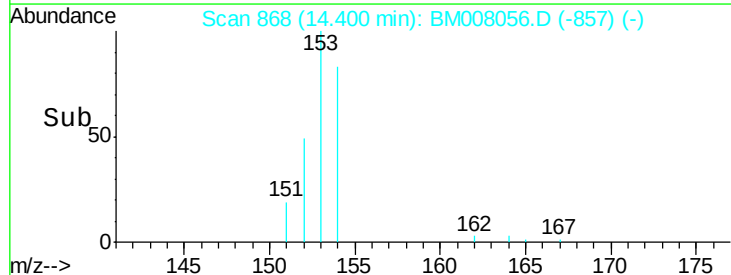
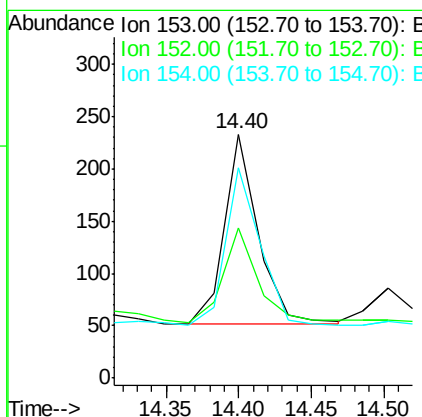
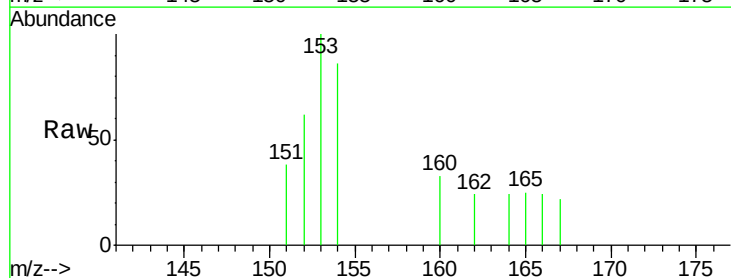
RT: 14.40 min Scan# 868

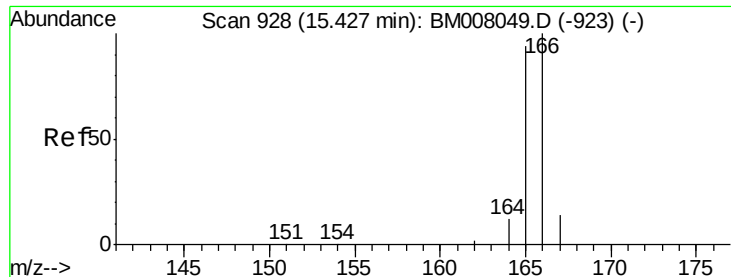
Delta R.T. -0.02 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Tgt Ion:	153	Resp:	292
Ion Ratio	Lower	Upper	
153	100		
152	61.8	40.3	60.5#
154	86.3	71.4	107.2





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.03 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Instrument :

BNA_M

ClientSampled :

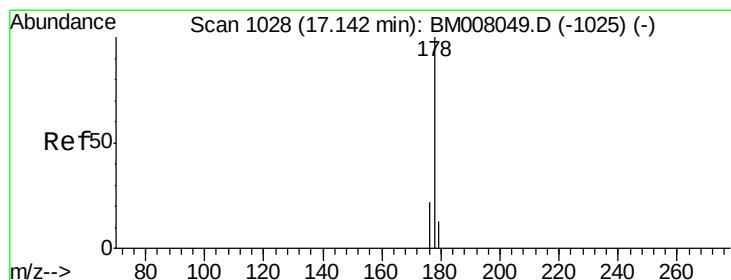
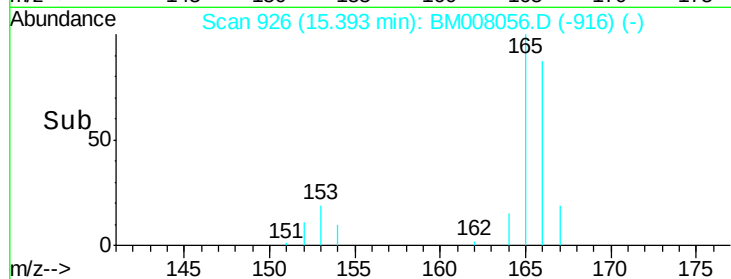
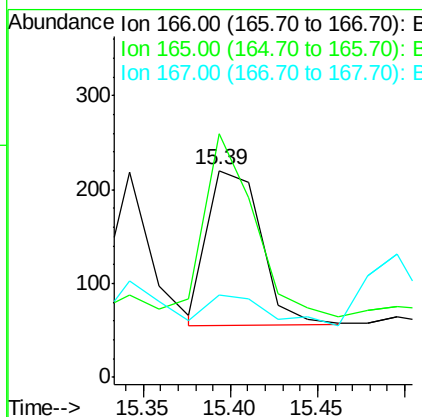
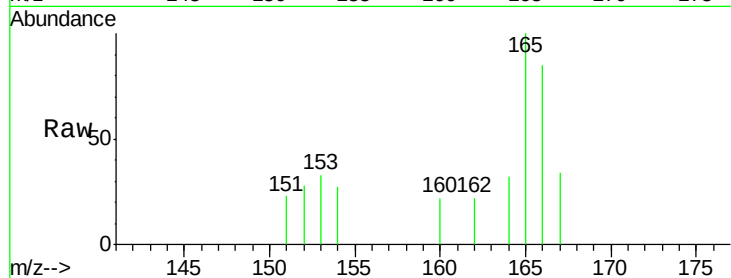
JHSS6

Tot Ion:166 Resp: 355

Ion	Ratio	Lower	Upper
166	100		
165	117.7	73.4	110.2#
167	40.0	14.6	22.0#

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#12

Phenanthrene

Concen: 0.94 ng/ul

RT: 17.12 min Scan# 1027

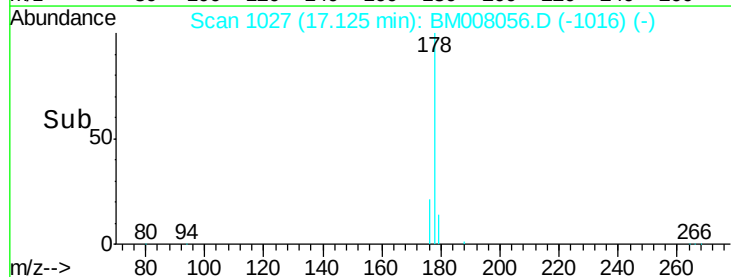
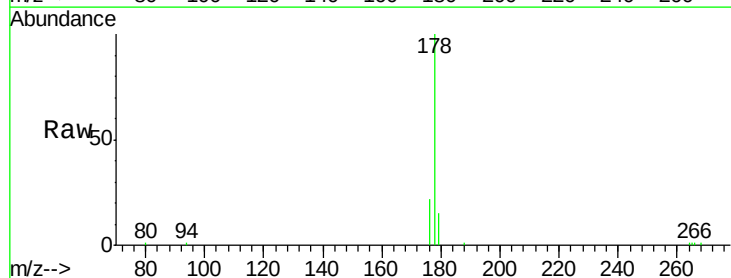
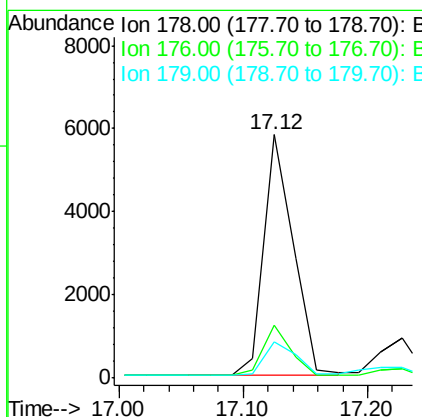
Delta R.T. -0.02 min

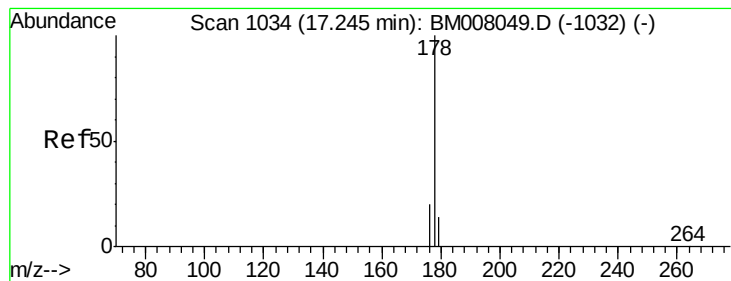
Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Tgt Ion:178 Resp: 9488

Ion	Ratio	Lower	Upper
178	100		
176	21.6	18.4	27.6
179	15.0	13.6	20.4





#13

Anthracene

Concen: 0.17 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Instrument :

BNA_M

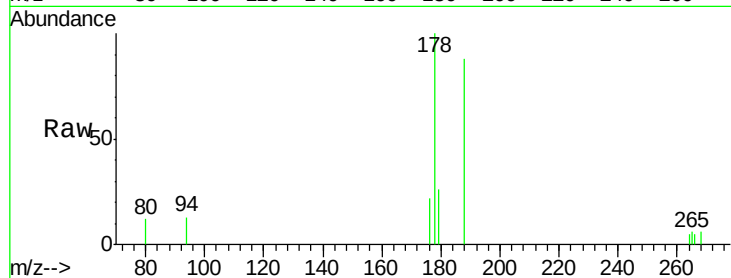
ClientSampleId :

JHSS6

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	18.1	27.1
179	25.8	14.7	22.1

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Abundance

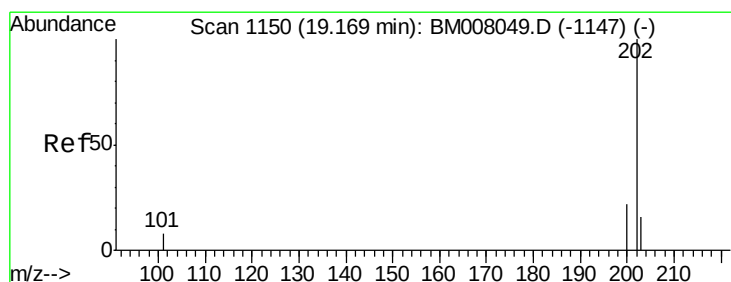
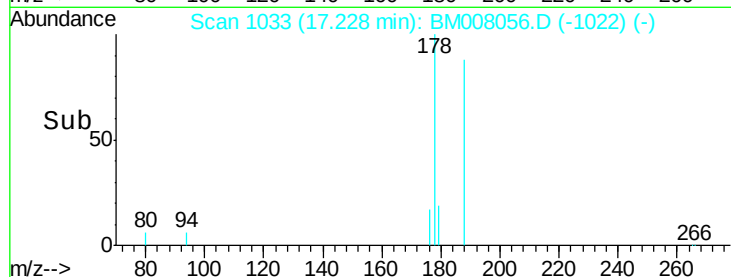
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.23

Time-->



#15

Fluoranthene

Concen: 1.26 ng/ul

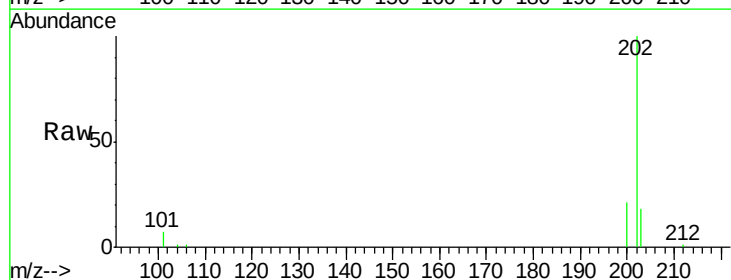
RT: 19.16 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	30.3
203	17.6	0.0	39.5



Abundance

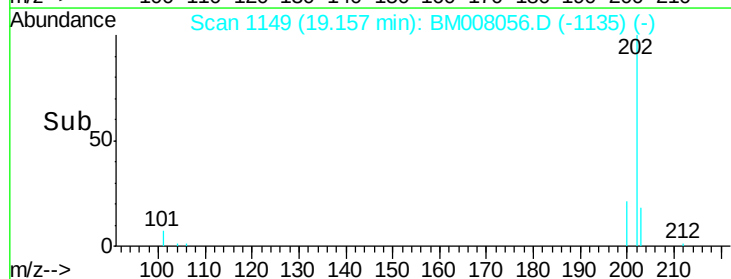
Ion 202.00 (201.70 to 202.70): E

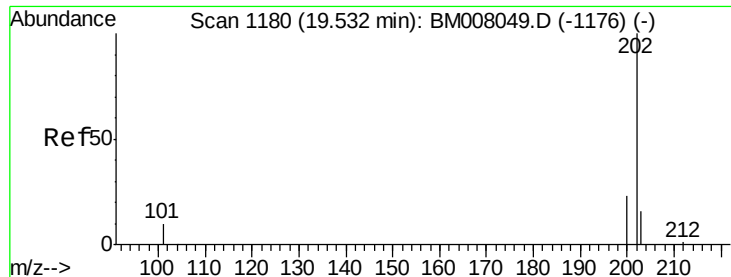
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.16

Time-->





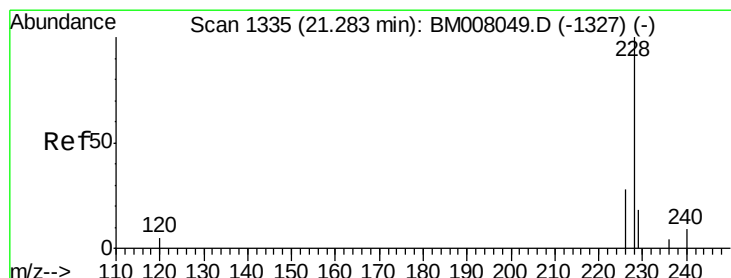
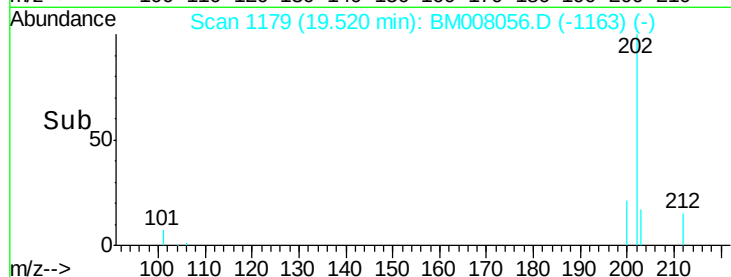
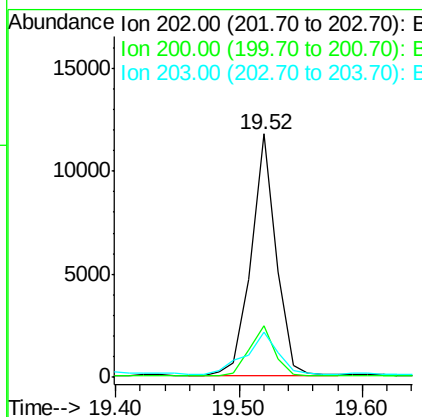
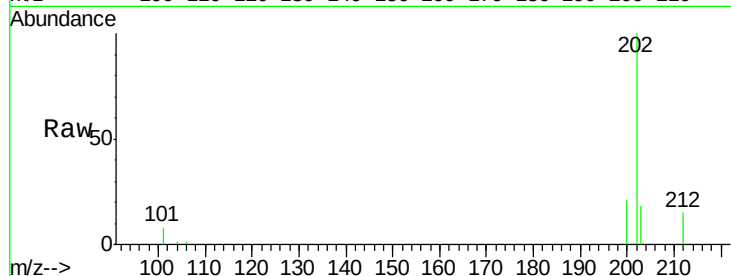
#17
Pvrene
Concen: 1.69 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008056.D
Acq: 24 Nov 2016 04:23

Instrument :
BNA_M
ClientSampleId :
JHSS6

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	18.3	15.6	23.4

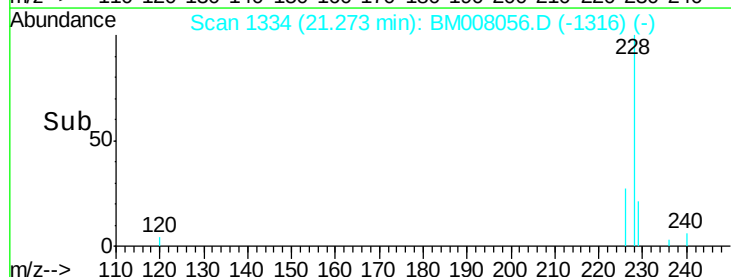
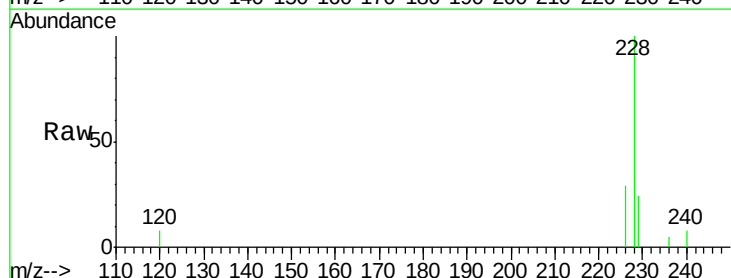
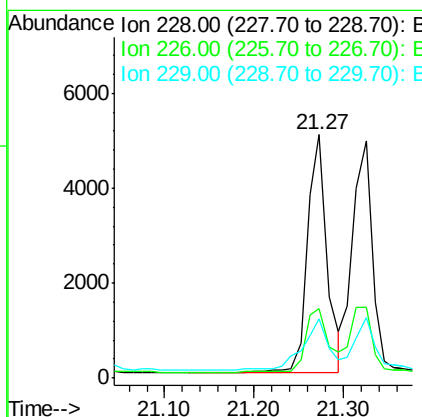
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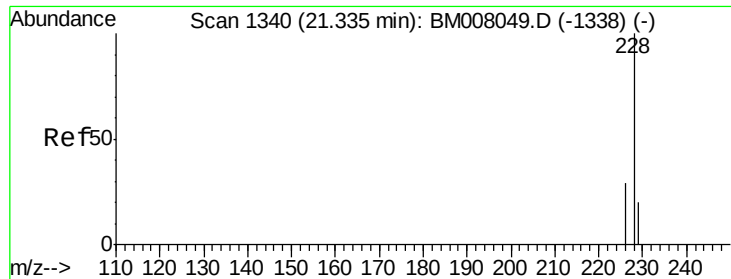
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#18
Benzo(a)anthracene
Concen: 0.88 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008056.D
Acq: 24 Nov 2016 04:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	24.3	17.0	25.6





#19

Chrysene

Concen: 0.69 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Instrument :

BNA_M

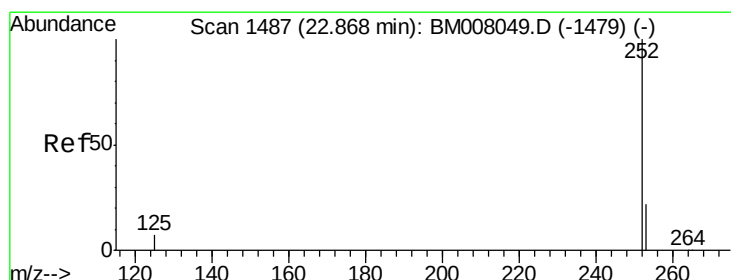
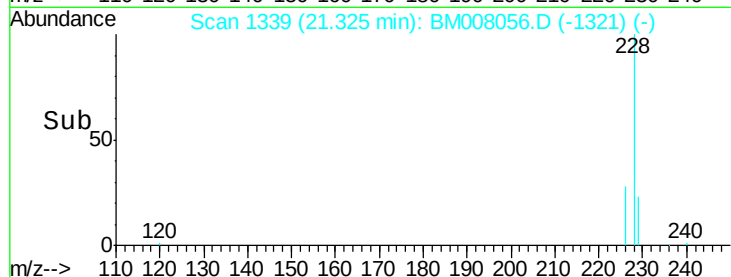
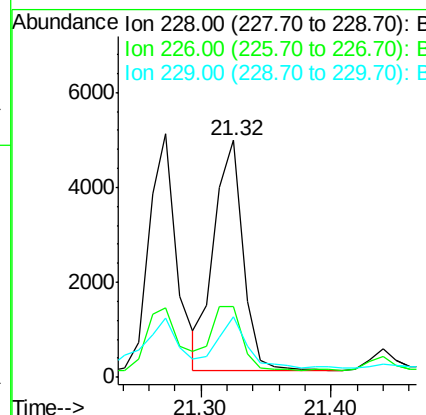
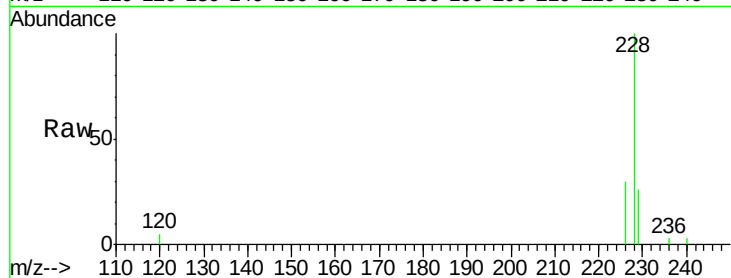
ClientSampleId :

JHSS6

Tot Ion:228	Resp:	7449
Ion Ratio	Lower	Upper
228 100		
226 30.1	23.4	35.0
229 25.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.81 ng/ul m

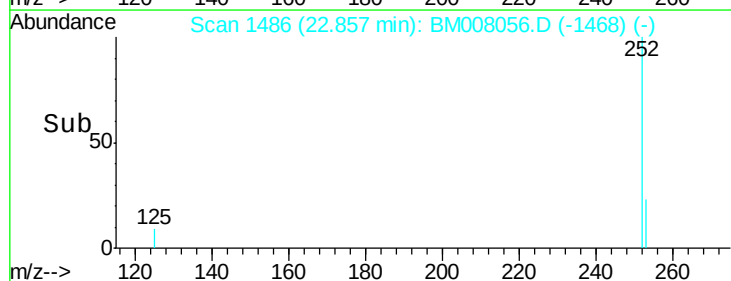
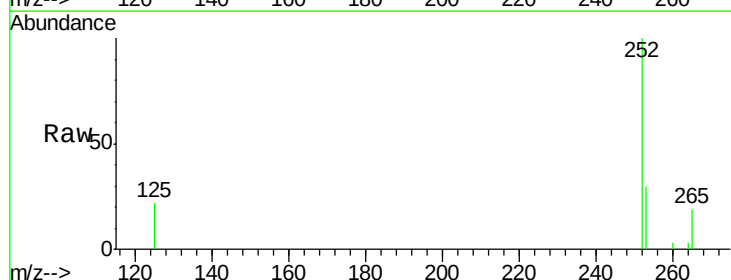
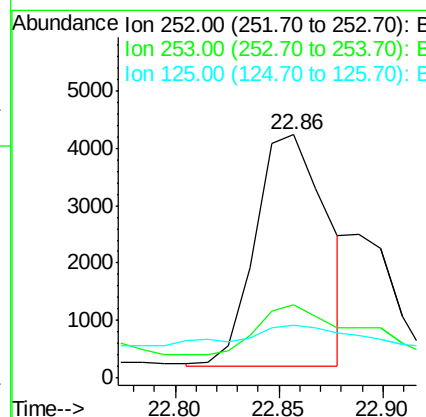
RT: 22.86 min Scan# 1486

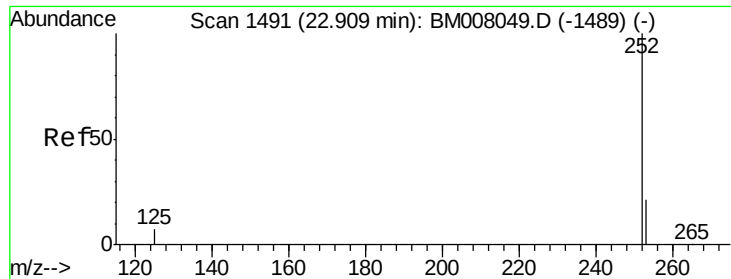
Delta R.T. -0.01 min

Lab File: BM008056.D

Acq: 24 Nov 2016 04:23

Tgt Ion:252	Resp:	9592
Ion Ratio	Lower	Upper
252 100		
253 30.2	0.0	64.2
125 21.6	0.0	35.0





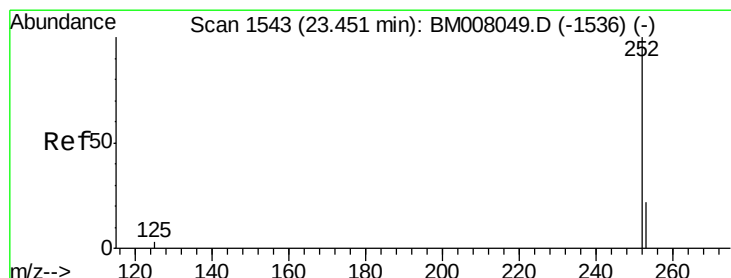
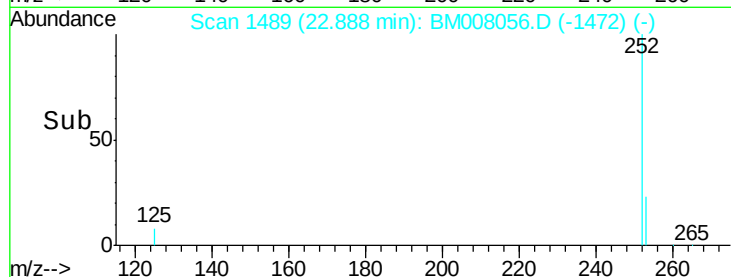
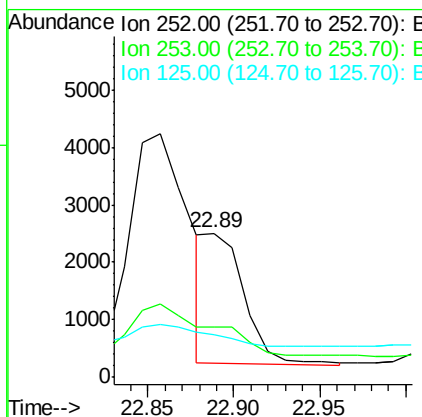
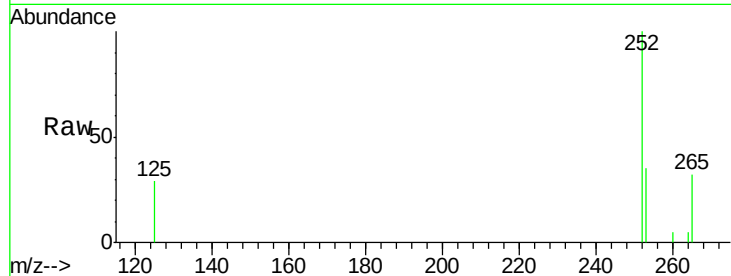
#22
Benzo(k)fluoranthene
Concen: 0.29 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BM008056.D
Acq: 24 Nov 2016 04:23

Instrument :
BNA_M
ClientSampled :
JHSS6

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.7	24.5	36.7
125	29.2	13.7	20.5

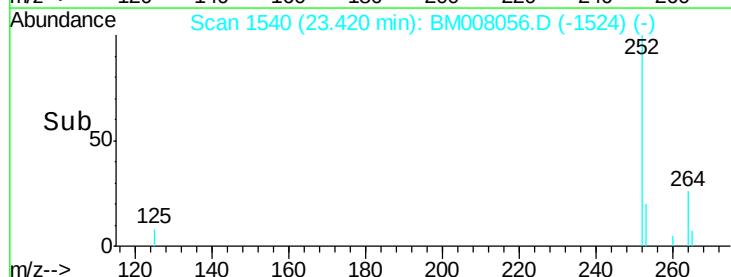
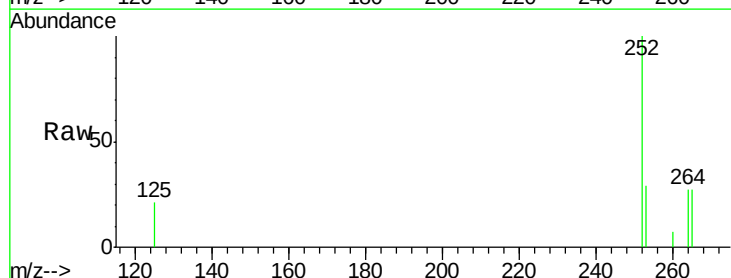
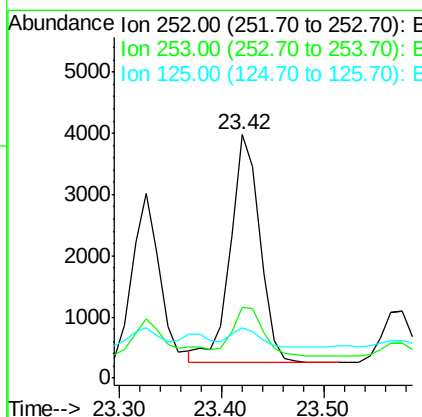
Manual Integrations
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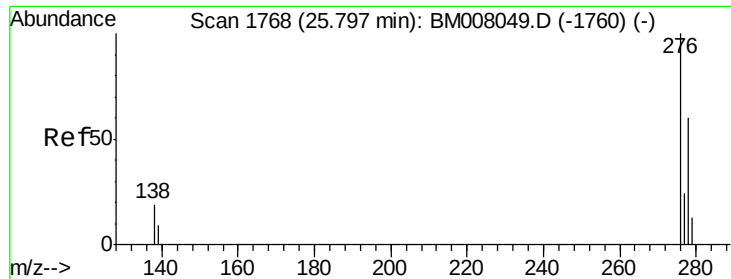
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#23
Benzo(a)pyrene
Concen: 0.68 ng/ul
RT: 23.42 min Scan# 1540
Delta R.T. -0.03 min
Lab File: BM008056.D
Acq: 24 Nov 2016 04:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	28.5	42.7
125	20.8	18.1	27.1





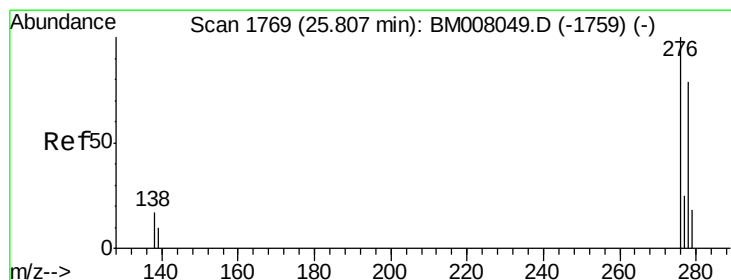
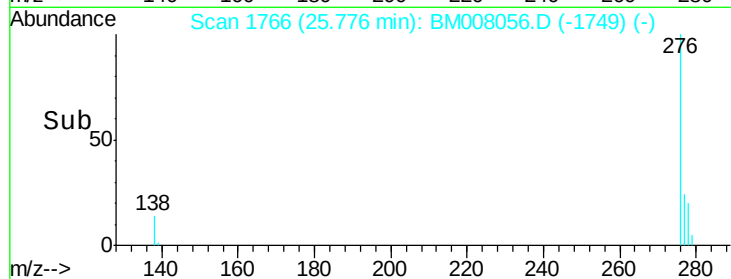
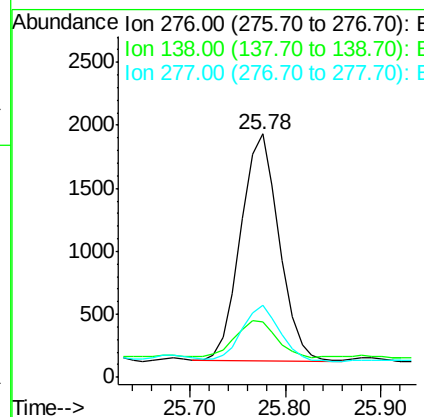
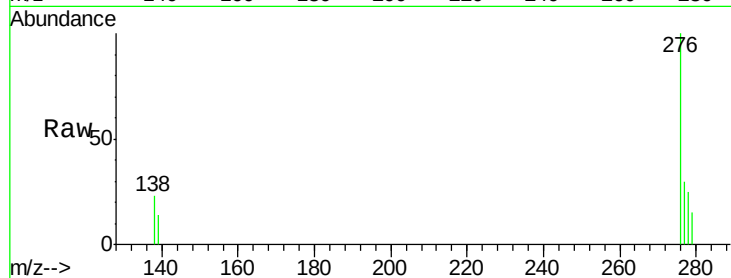
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.02 min
 Lab File: BM008056.D
 Acq: 24 Nov 2016 04:23

Instrument :
 BNA_M
 ClientSampleId :
 JHSS6

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	19.1	28.7#
277	24.2	19.6	29.4

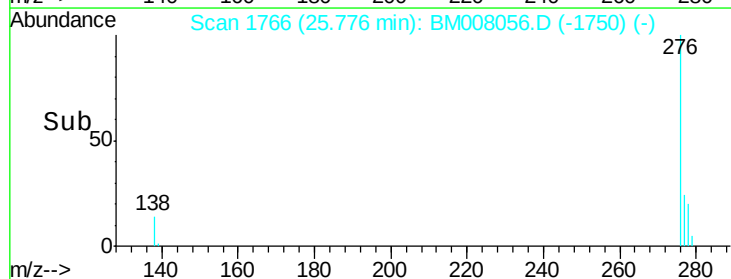
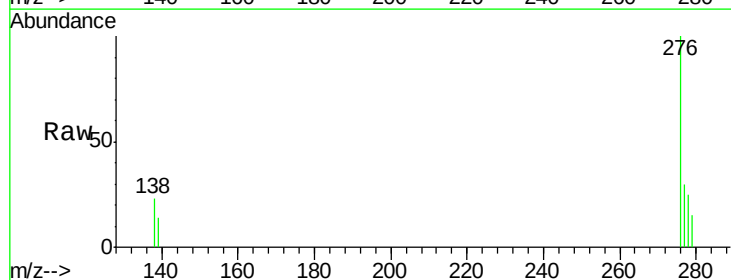
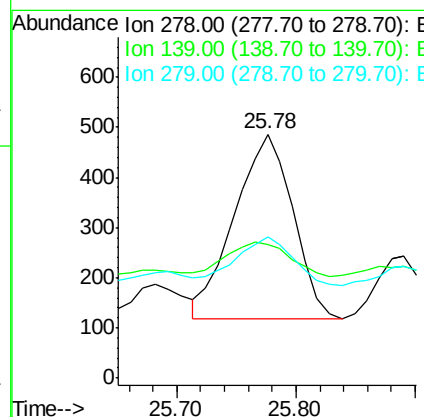
Manual Integrations
 APPROVED

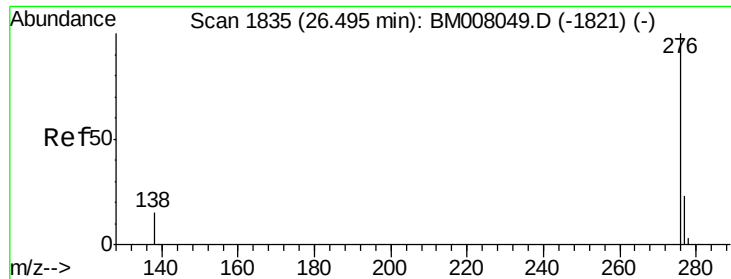
Umangi
 11/28/2016 5:28:21 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng/ul
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.03 min
 Lab File: BM008056.D
 Acq: 24 Nov 2016 04:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.7	17.4	26.0#
279	57.8	25.9	38.9#





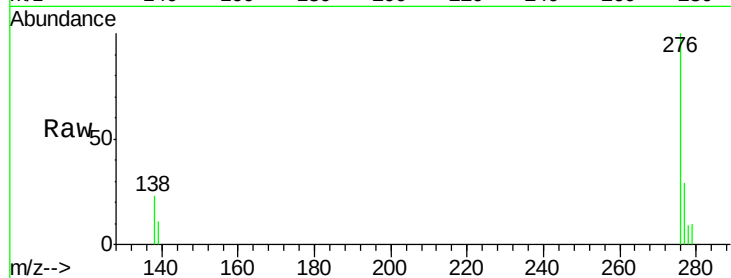
#26
 Benzo(a,h,i)perylene
 Concen: 0.43 ng/ul
 RT: 26.46 min Scan# 1832
 Delta R.T. -0.03 min
 Lab File: BM008056.D
 Acq: 24 Nov 2016 04:23

Instrument :
 BNA_M
 ClientSampleId :
 JHSS6

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.4	21.8	32.8
138	23.3	20.5	30.7

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:28:21 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

