

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002417.D
 Acq On : 15 Aug 2015 10:20
 Operator : UM/IZ
 Sample : G3219-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D99

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Quant Time: Aug 17 04:27:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:54:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	119646	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	586717	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	341203	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	725909	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	650845	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	528338	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	716865	20.55	ng/ul	0.00
10) Fluorene-d10	16.42	176	473545	19.33	ng/ul	0.00
14) Anthracene-d10	18.25	188	695703	19.87	ng/ul	0.00
18) Pyrene-d10	20.47	212	678302	23.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	481024	17.33	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.79	128	159559	5.33	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	41092	1.83	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	29032	1.31	ng/ul	99
9) Acenaphthene	15.51	153	82475	3.43	ng/ul	98
11) Fluorene	16.47	166	90609	3.29	ng/ul	99
13) Phenanthrene	18.20	178	1102077	26.29	ng/ul	100
15) Anthracene	18.29	178	253028	5.96	ng/ul	100
16) Fluoranthene	20.14	202	1648874	34.74	ng/ul	98
19) Pyrene	20.50	202	1393828	36.56	ng/ul	99
20) Benzo(a)anthracene	22.21	228	1043222	26.80	ng/ul	98
21) Chrysene	22.27	228	1206237	33.14	ng/ul	98
23) Benzo(b)fluoranthene	24.07	252	2085004	65.28	ng/ul	99
24) Benzo(k)fluoranthene	24.11	252	582830m	19.26	ng/ul	
26) Benzo(a)pyrene	24.78	252	1149243	37.67	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.71	276	986622	28.12	ng/ul	94
28) Dibenzo(a,h)anthracene	27.71	278	318772	10.87	ng/ul#	78
29) Benzo(g,h,i)perylene	28.59	276	887974	30.40	ng/ul	99

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

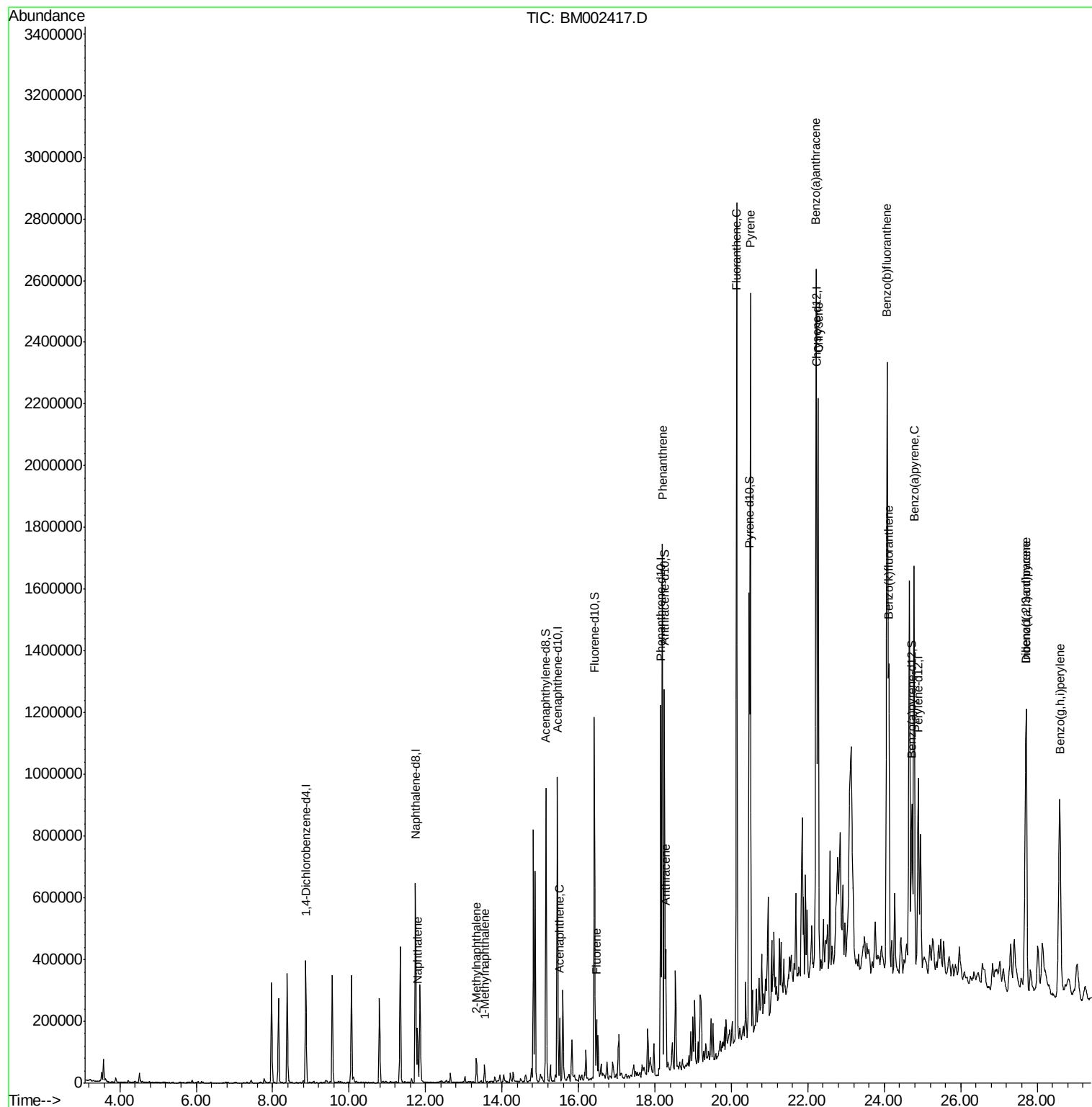
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002417.D
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ALS Vial : 24 Sample Multiplier: 1

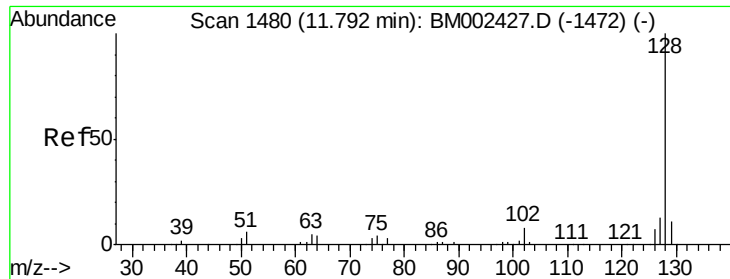
Instrument :
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Quant Time: Aug 17 04:27:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 5.33 ng/ul

RT: 11.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM002417.D

Acq: 15 Aug 2015 10:20

Instrument :

BNA_M

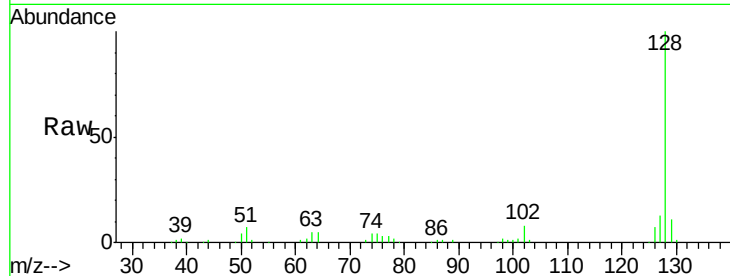
ClientSampleId :

D9D99

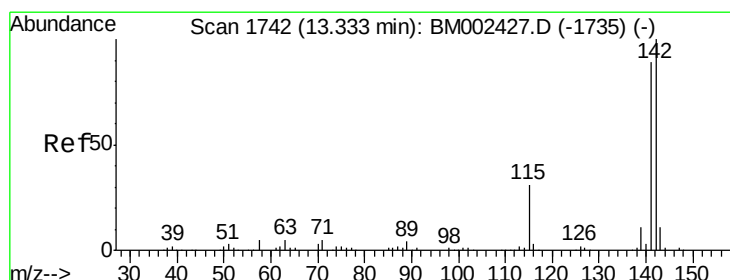
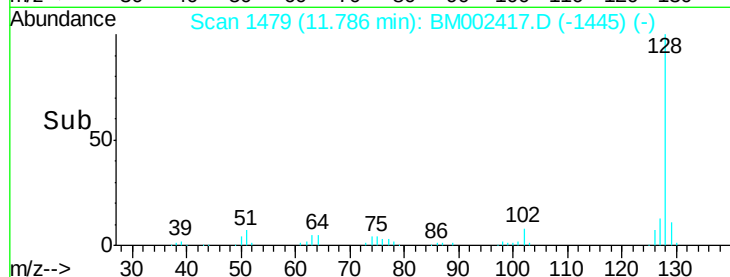
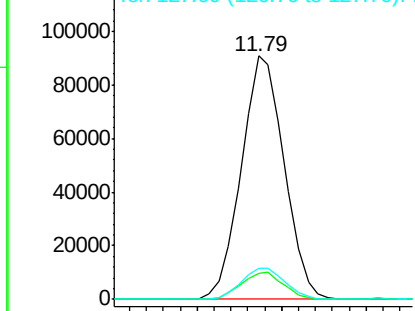
Tgt Ion:	128	Resp:	159559
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	12.7	10.4	15.6

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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



#4

2-Methylnaphthalene

Concen: 1.83 ng/ul

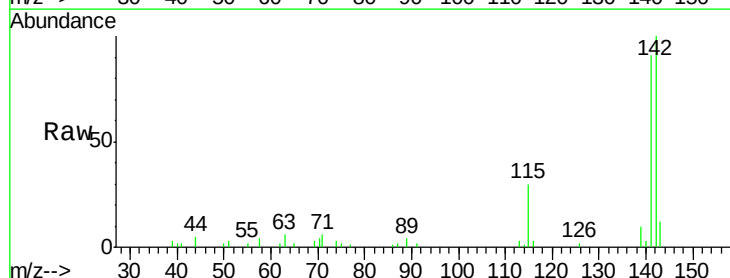
RT: 13.33 min Scan# 1741

Delta R.T. 0.00 min

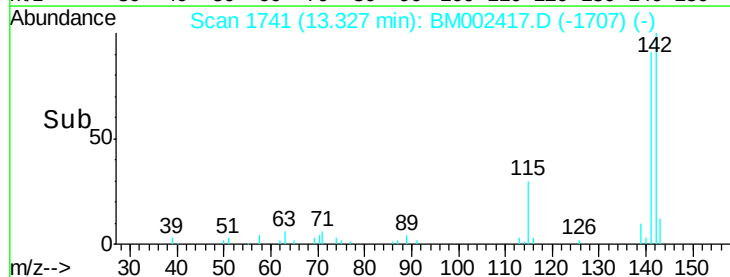
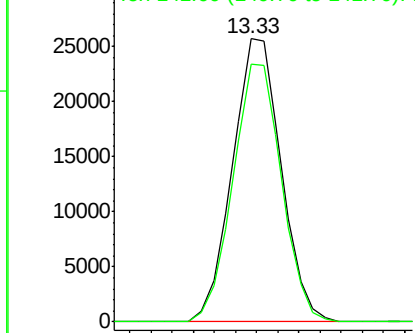
Lab File: BM002417.D

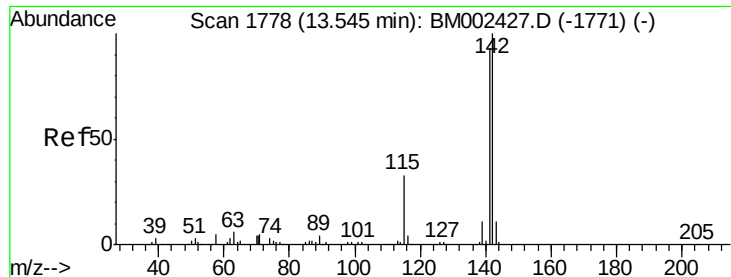
Acq: 15 Aug 2015 10:20

Tgt Ion:	142	Resp:	41092
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.2	108.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 1.31 ng/ul

RT: 13.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BM002417.D

Acq: 15 Aug 2015 10:20

Instrument :

BNA_M

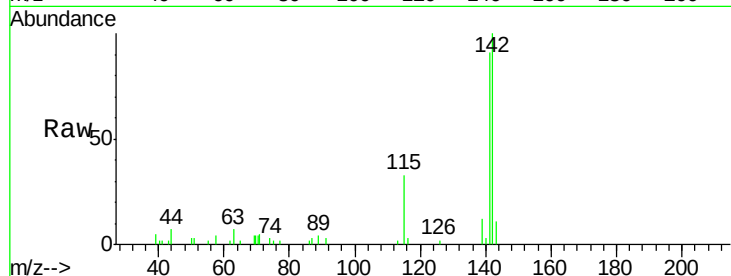
ClientSampleId :

D9D99

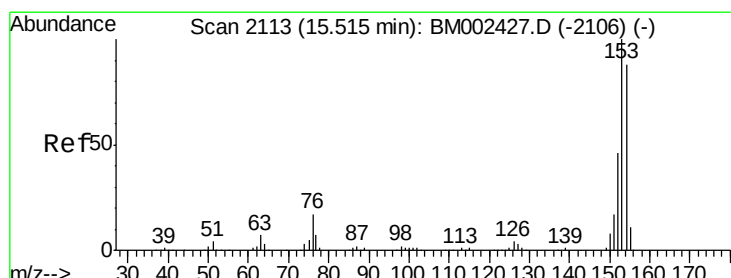
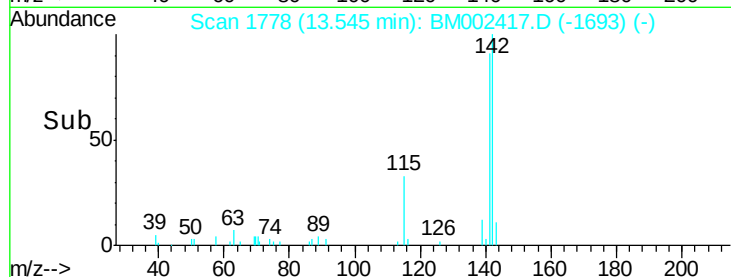
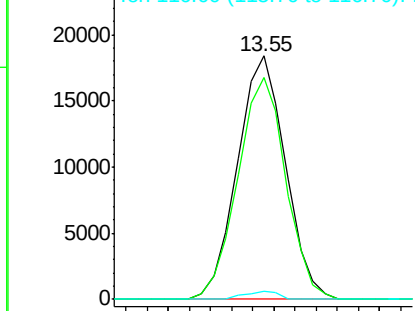
Tgt Ion:	142	Resp:	29032
Ion Ratio	Lower	Upper	
142	100		
141	91.3	73.9	110.9
116	3.3	3.0	4.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#9

Acenaphthene

Concen: 3.43 ng/ul

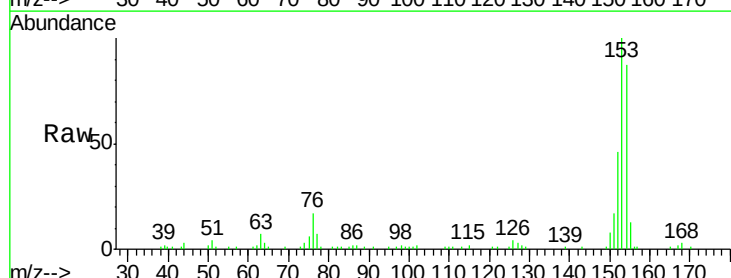
RT: 15.51 min Scan# 2112

Delta R.T. 0.00 min

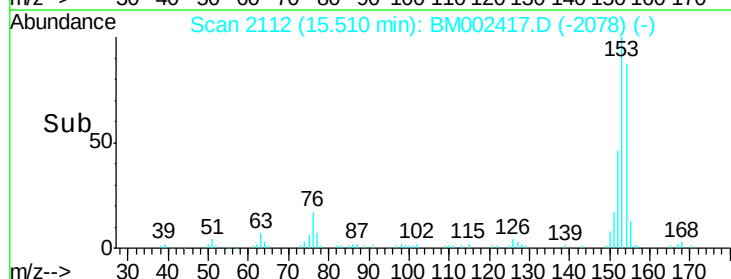
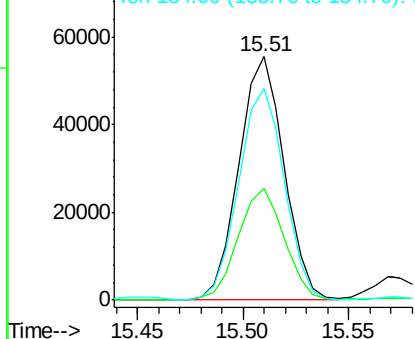
Lab File: BM002417.D

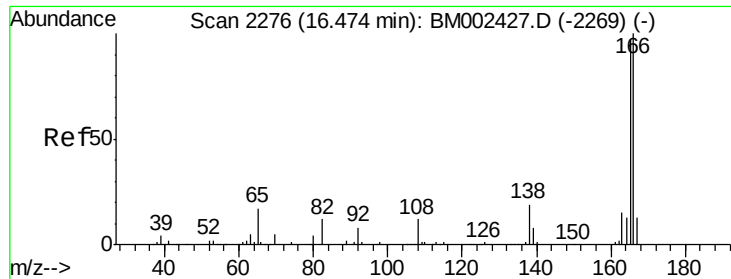
Acq: 15 Aug 2015 10:20

Tgt Ion:	153	Resp:	82475
Ion Ratio	Lower	Upper	
153	100		
152	46.1	36.9	55.3
154	86.7	71.3	106.9



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





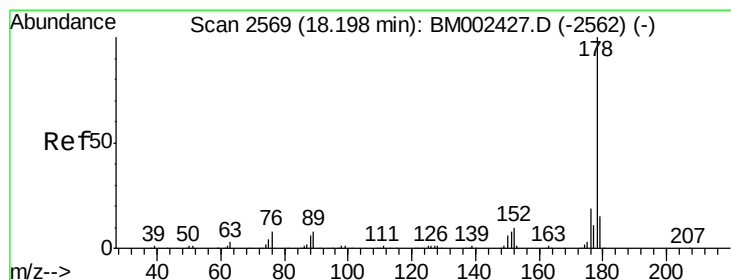
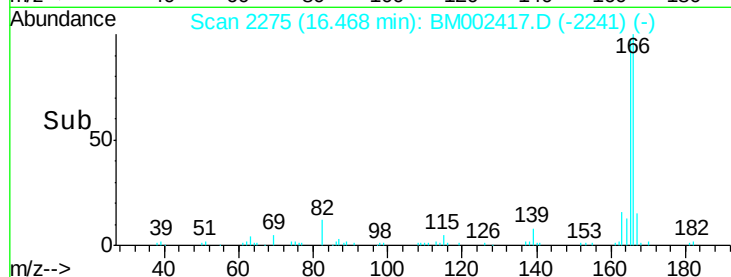
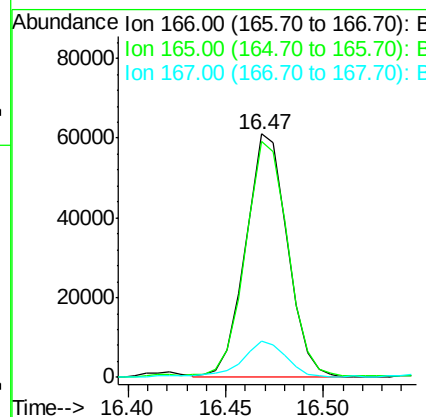
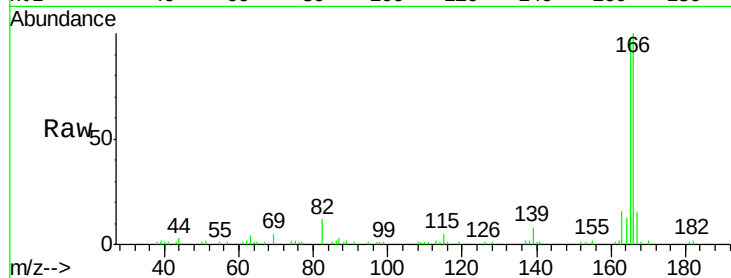
#11
 Fluorene
 Concen: 3.29 ng/ul
 RT: 16.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Instrument :
 BNA_M
 ClientSampleId :
 D9D99

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	90609		
165	97.1		77.6	116.4
167	14.7		10.7	16.1

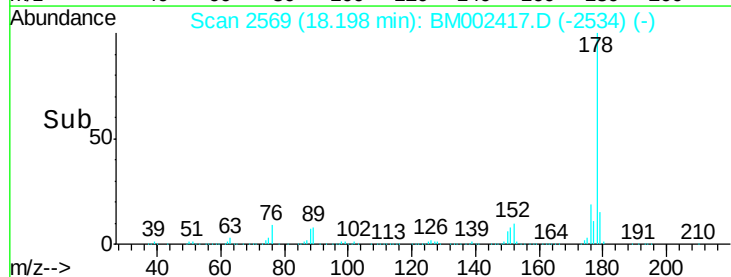
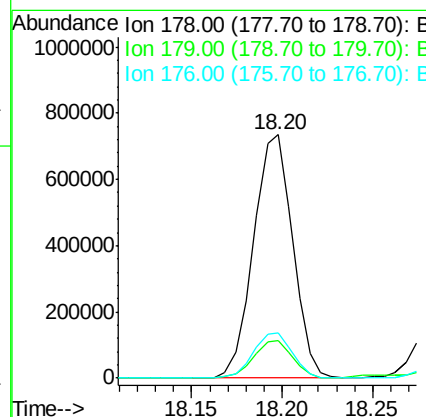
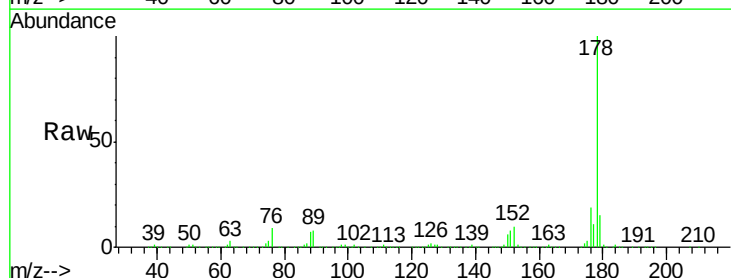
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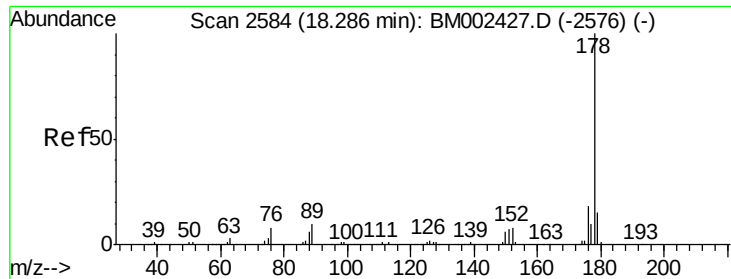
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#13
 Phenanthrene
 Concen: 26.29 ng/ul
 RT: 18.20 min Scan# 2569
 Delta R.T. 0.01 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1102077		
179	15.3		12.4	18.6
176	18.8		15.1	22.7





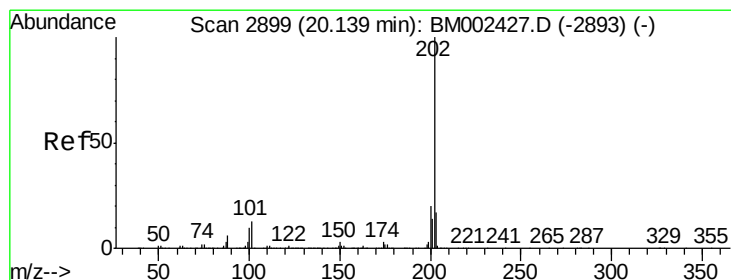
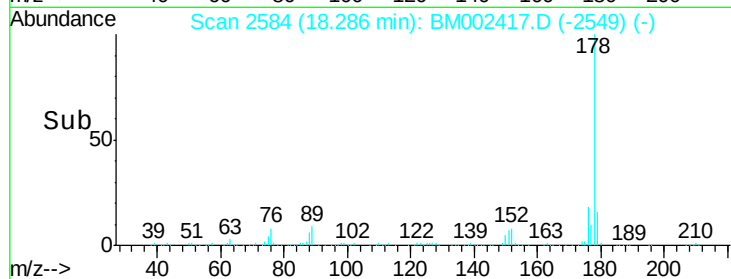
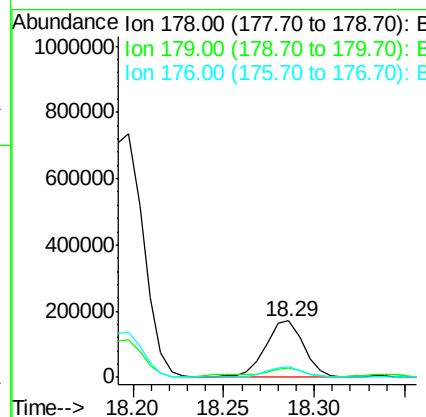
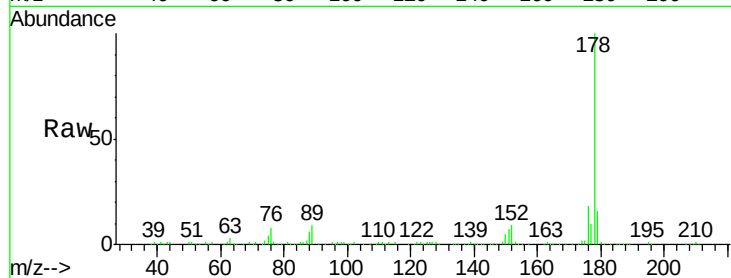
#15
 Anthracene
 Concen: 5.96 ng/ul
 RT: 18.29 min Scan# 2584
 Delta R.T. 0.01 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Instrument :
 BNA_M
 ClientSampleId :
 D9D99

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.0	14.5	21.7

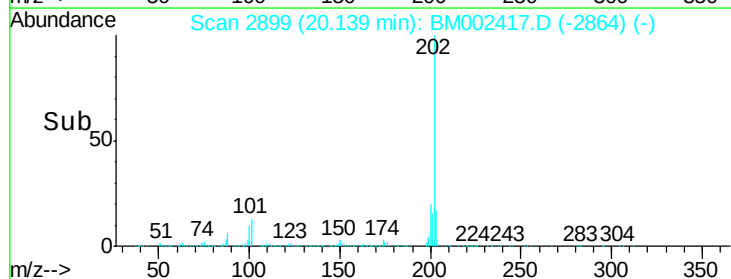
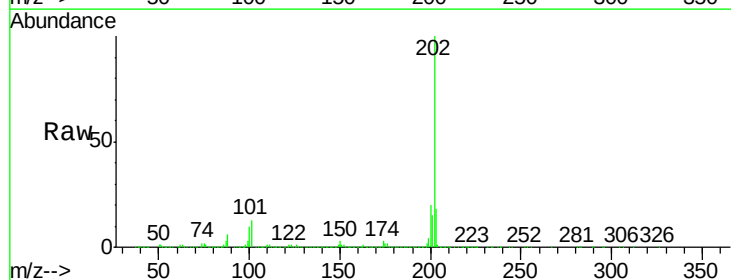
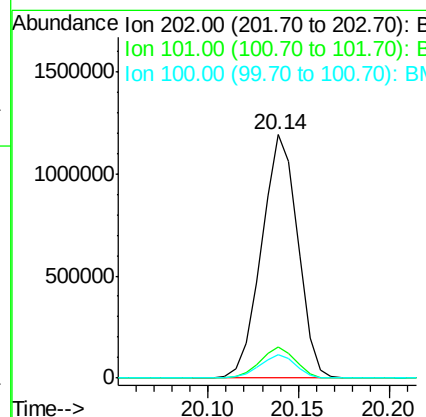
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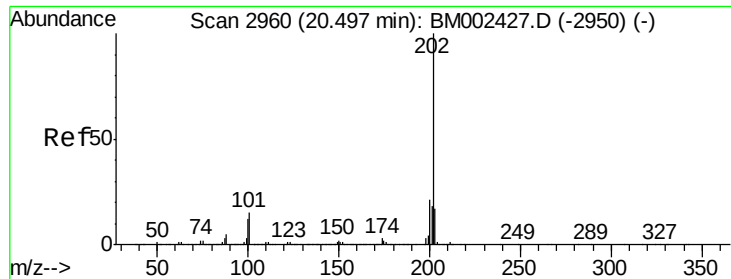
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#16
 Fluoranthene
 Concen: 34.74 ng/ul
 RT: 20.14 min Scan# 2899
 Delta R.T. 0.01 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	9.7	7.4	11.2





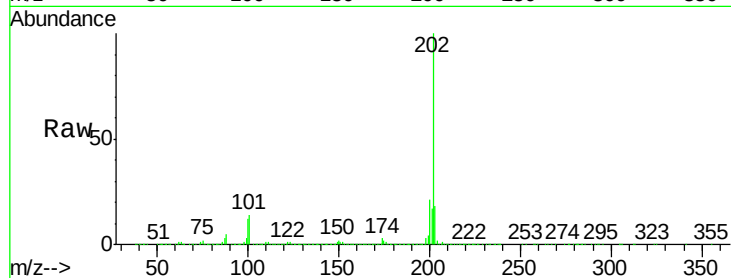
#19
 Pyrene
 Concen: 36.56 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. 0.01 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Instrument :
 BNA_M
 ClientSampleId :
 D9D99

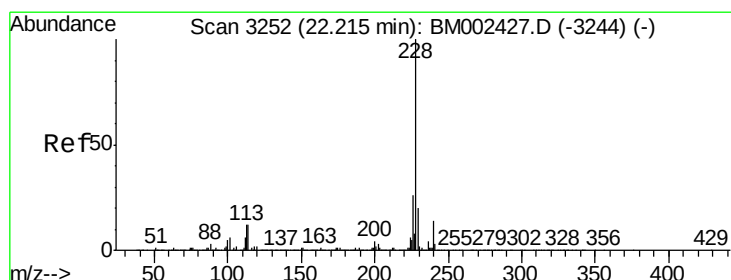
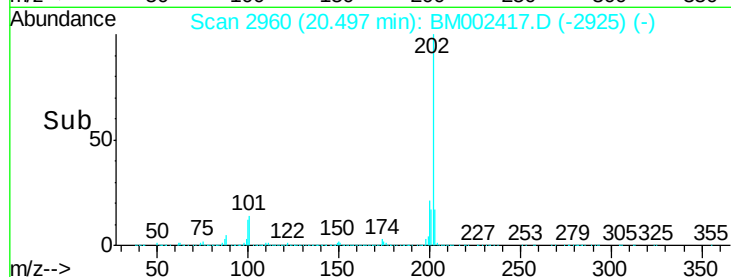
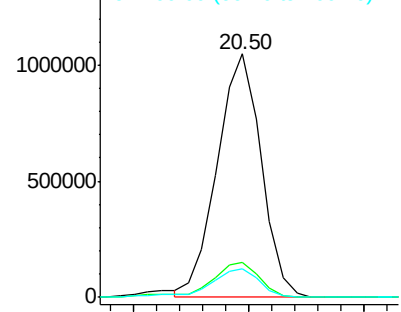
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.0	18.0
100	11.7	9.7	14.5

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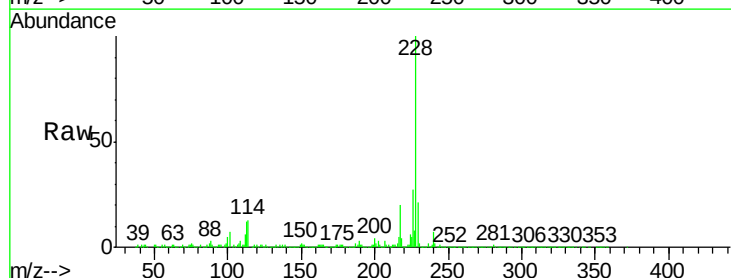


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

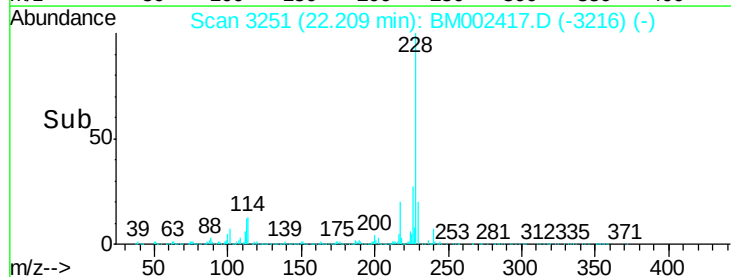
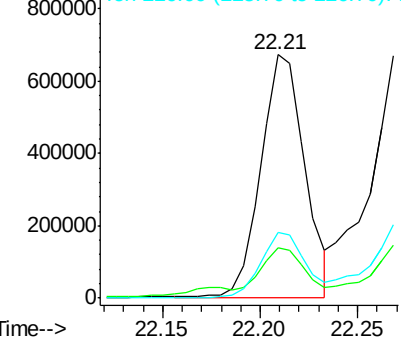


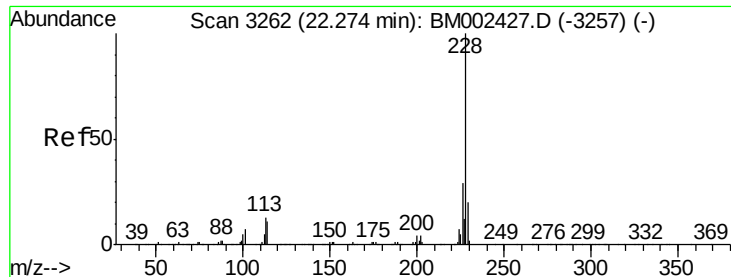
#20
 Benzo(a)anthracene
 Concen: 26.80 ng/ul
 RT: 22.21 min Scan# 3251
 Delta R.T. 0.01 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	27.0	21.1	31.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 33.14 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. 0.01 min

Lab File: BM002417.D

Acq: 15 Aug 2015 10:20

Instrument :

BNA_M

ClientSampleId :

D9D99

Tgt Ion:228 Resp: 1206237

Ion Ratio Lower Upper

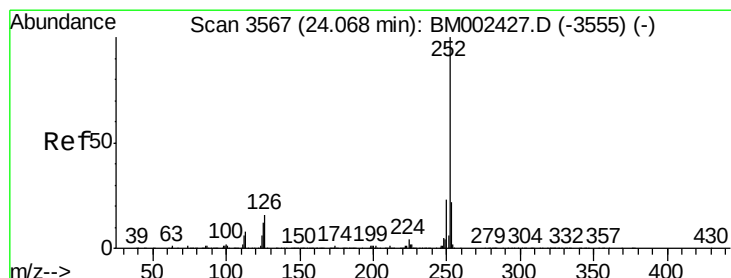
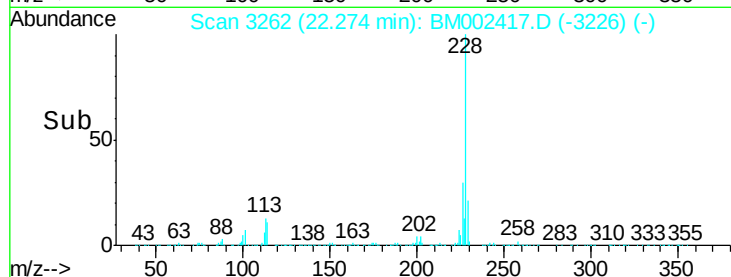
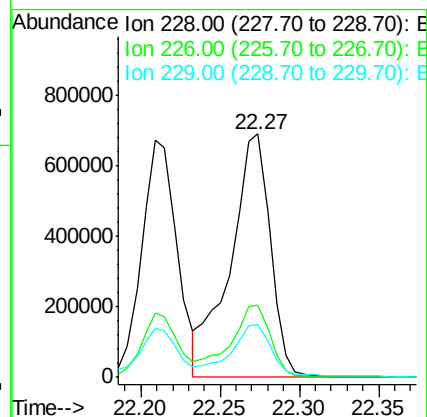
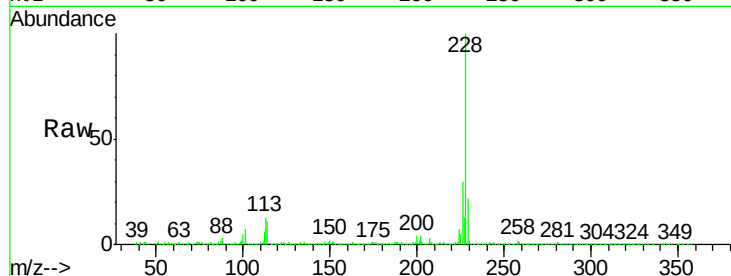
228 100

226 29.7 23.4 35.2

229 21.5 15.7 23.5

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#23

Benzo(b)fluoranthene

Concen: 65.28 ng/ul

RT: 24.07 min Scan# 3568

Delta R.T. 0.02 min

Lab File: BM002417.D

Acq: 15 Aug 2015 10:20

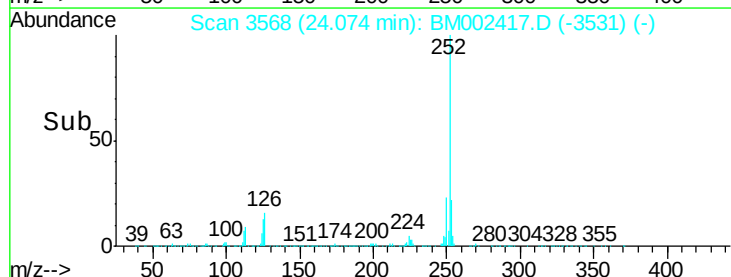
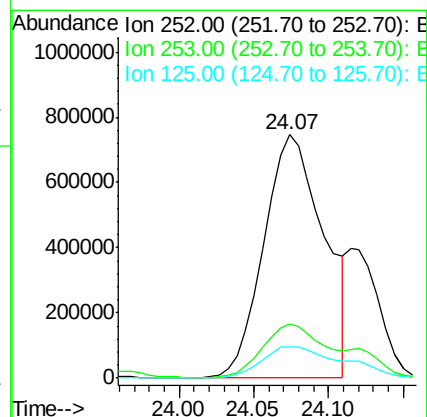
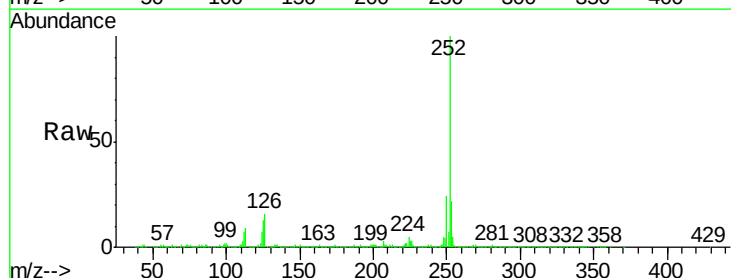
Tgt Ion:252 Resp: 2085004

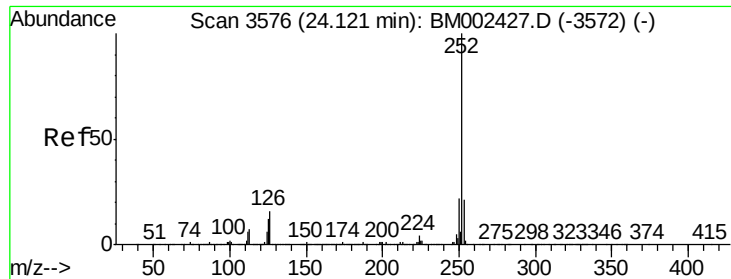
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 13.0 10.0 15.0





#24

Benzo(k)fluoranthene

Concen: 19.26 ng/ul m

RT: 24.11 min Scan# 3575

Delta R.T. 0.01 min

Lab File: BM002417.D

Acq: 15 Aug 2015 10:20

Instrument :

BNA_M

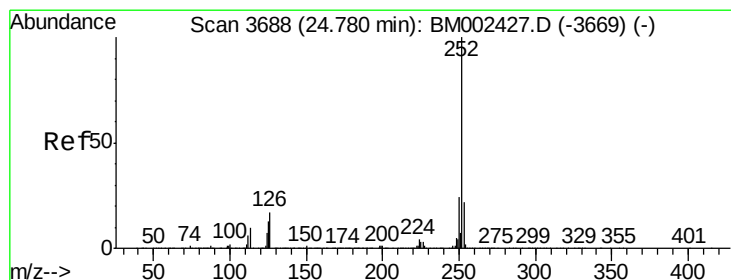
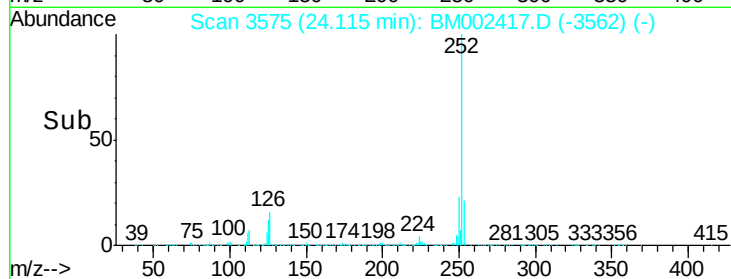
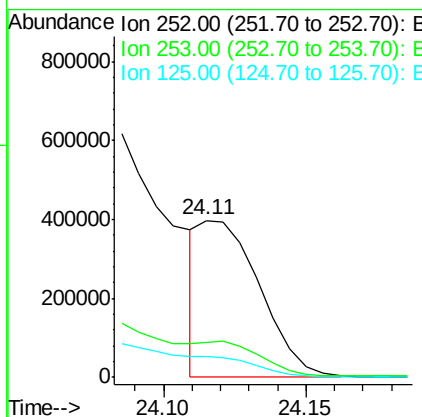
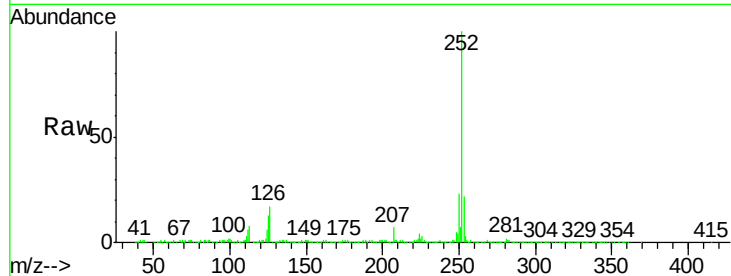
ClientSampleId :

D9D99

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	582830		
253	22.4	17.8	26.6	
125	13.3	9.8	14.8	

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#26

Benzo(a)pyrene

Concen: 37.67 ng/ul

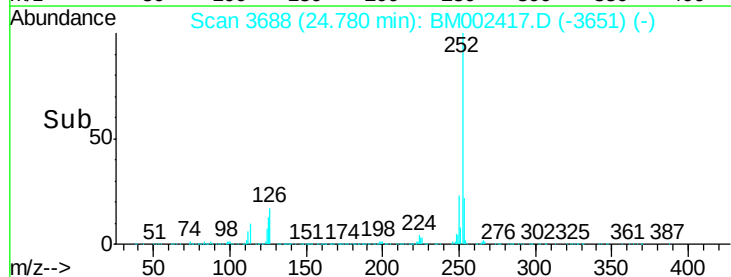
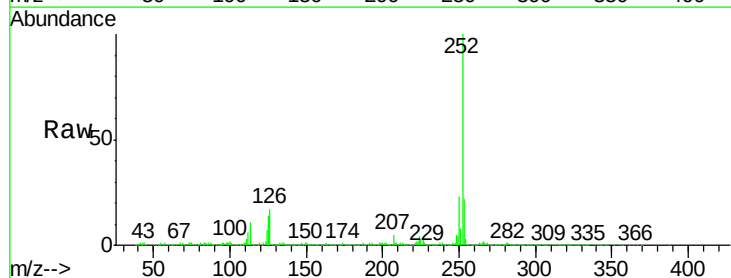
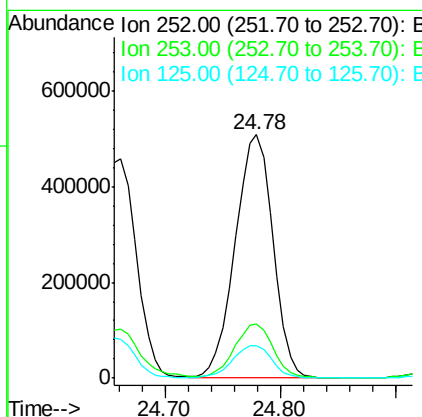
RT: 24.78 min Scan# 3688

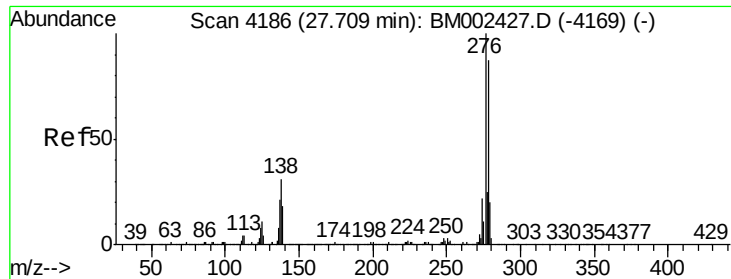
Delta R.T. 0.02 min

Lab File: BM002417.D

Acq: 15 Aug 2015 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1149243		
253	22.4	17.6	26.4	
125	13.5	10.7	16.1	





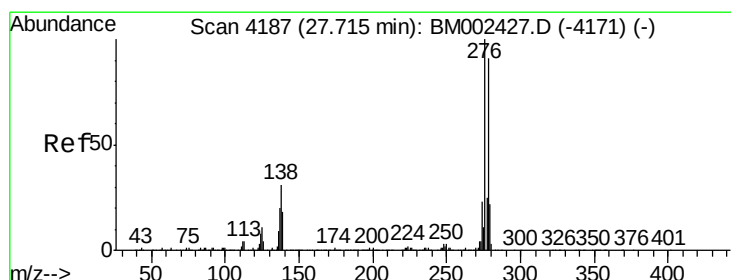
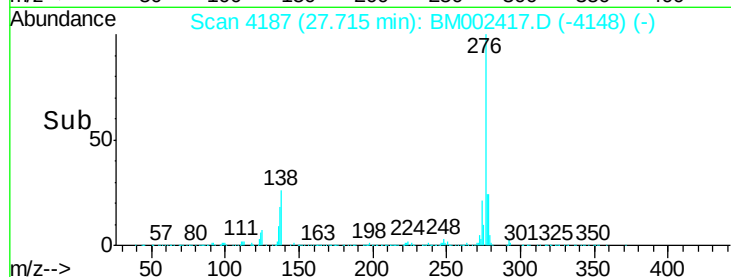
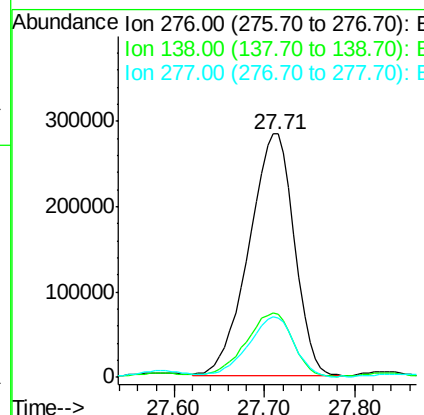
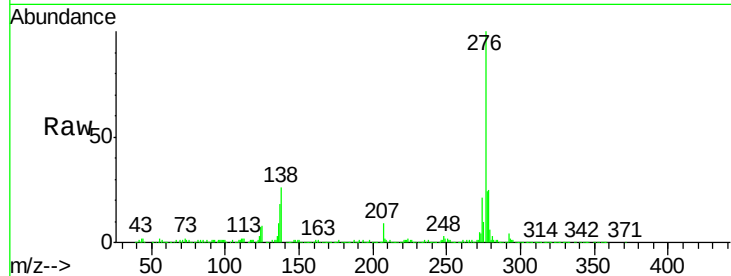
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 28.12 ng/ul
 RT: 27.71 min Scan# 4187
 Delta R.T. 0.03 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Instrument :
 BNA_M
 ClientSampleId :
 D9D99

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.1	25.3	37.9
277	24.2	20.2	30.2

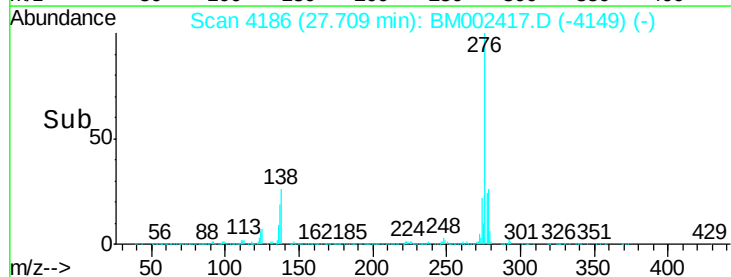
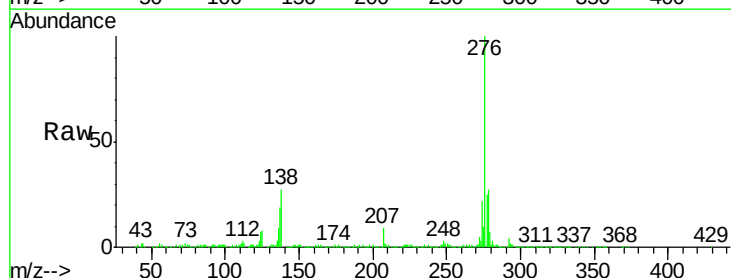
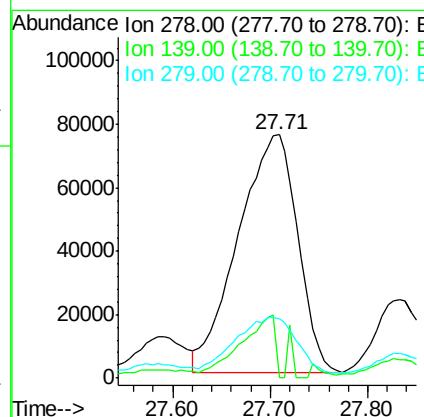
Manual Integrations
 APPROVED

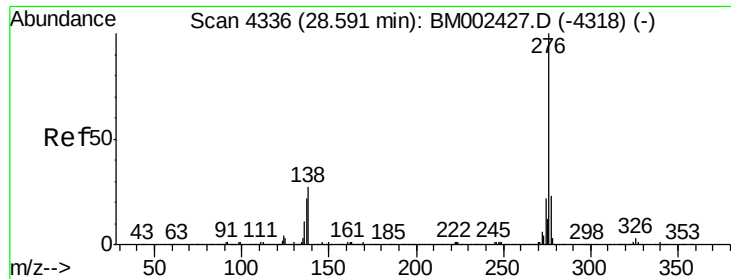
MMDadoda
 8/17/2015 2:45:08 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 10.87 ng/ul
 RT: 27.71 min Scan# 4186
 Delta R.T. 0.02 min
 Lab File: BM002417.D
 Acq: 15 Aug 2015 10:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	0.0	16.5	24.7#
279	24.6	18.8	28.2





#29

Benzo(g,h,i)perylene

Concen: 30.40 ng/ul

RT: 28.59 min Scan# 4336

Delta R.T. 0.03 min

Lab File: BM002417.D

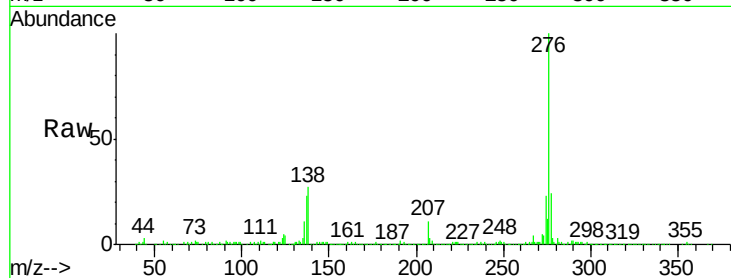
Acq: 15 Aug 2015 10:20

Instrument :

BNA_M

ClientSampleId :

D9D99



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.0	31.6
277	23.9	19.2	28.8

Manual Integrations
APPROVED

MMDadoda
8/17/2015 2:45:08 PM

