

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002544.D
 Acq On : 22 Aug 2015 05:20
 Operator : UM/IZ
 Sample : G3372-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DX3

Manual Integrations
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MMDadoda
 8/24/2015 11:25:30 AM

Quant Time: Aug 24 00:48:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 23:16:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	72377	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	359637	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	204589	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	466489	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	570320	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	523915	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	452469	21.63	ng/ul	0.00
10) Fluorene-d10	16.37	176	310059	21.10	ng/ul	0.00
14) Anthracene-d10	18.21	188	479647	21.32	ng/ul	0.00
18) Pyrene-d10	20.43	212	514495	20.35	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	476810	17.33	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	11.73	128	39081	2.13	ng/ul	97
4) 2-Methylnaphthalene	13.28	142	21124	1.54	ng/ul	99
8) Acenaphthylene	15.13	152	90766	4.15	ng/ul	98
9) Acenaphthene	15.46	153	31046	2.15	ng/ul	97
11) Fluorene	16.43	166	48799	2.95	ng/ul#	98
13) Phenanthrene	18.16	178	1486866	55.20	ng/ul	100
15) Anthracene	18.24	178	135831	4.98	ng/ul	99
16) Fluoranthene	20.11	202	2204796	72.30	ng/ul	98
19) Pyrene	20.46	202	1712530	51.26	ng/ul	98
20) Benzo(a)anthracene	22.18	228	641854	18.82	ng/ul	99
21) Chrysene	22.24	228	896627	28.11	ng/ul	97
23) Benzo(b)fluoranthene	24.03	252	1029953	32.52	ng/ul	97
24) Benzo(k)fluoranthene	24.07	252	317001m	10.56	ng/ul	
26) Benzo(a)pyrene	24.73	252	566381	18.72	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.63	276	382327	10.99	ng/ul	95
28) Dibenzo(a,h)anthracene	27.63	278	97750	3.36	ng/ul#	71
29) Benzo(g,h,i)perylene	28.51	276	350451	12.10	ng/ul	98

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

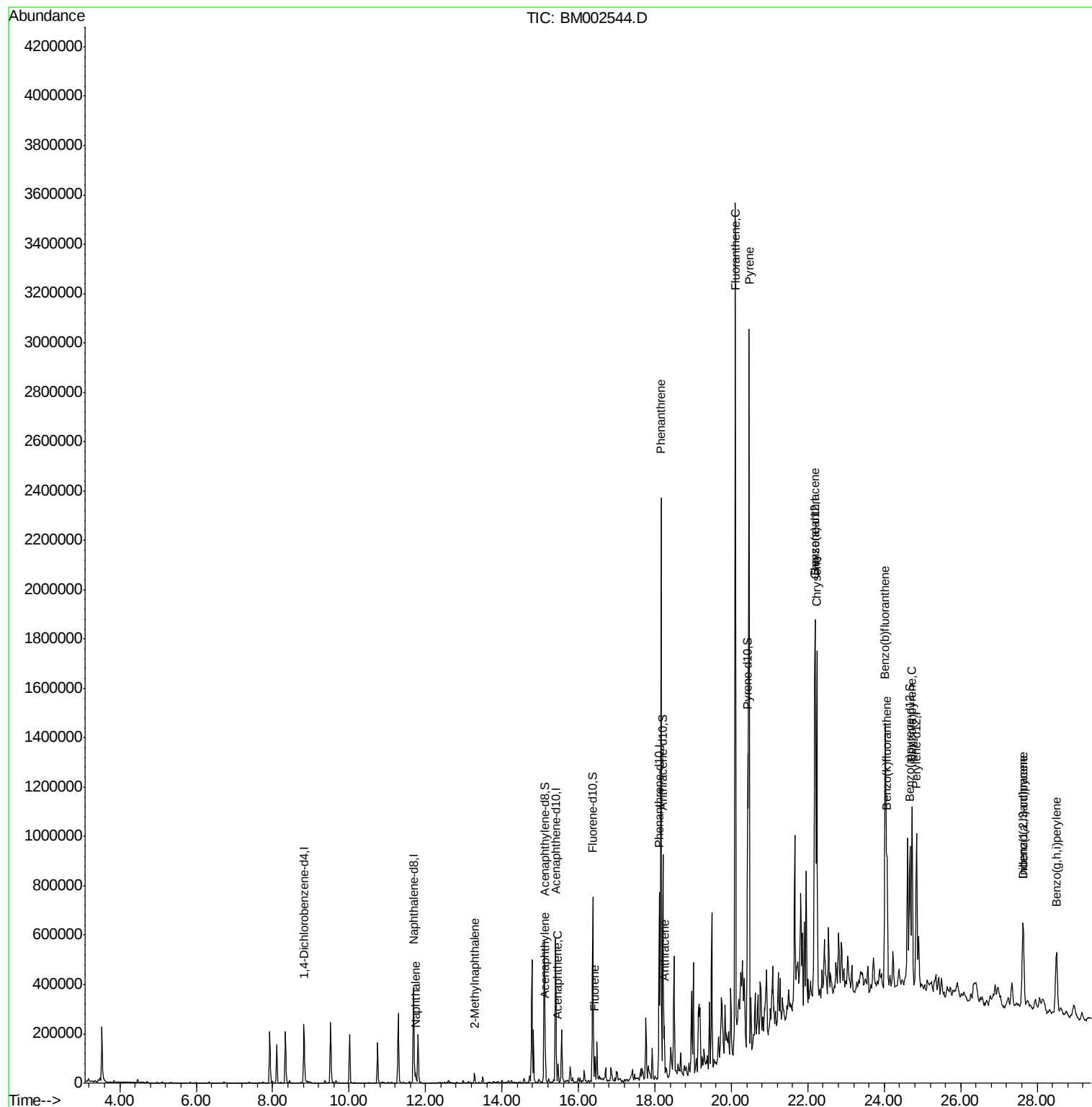
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
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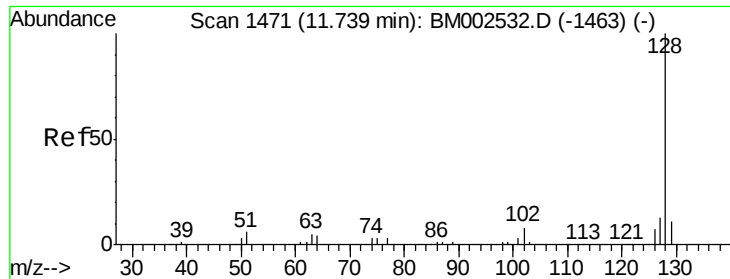
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.13 ng/ul

RT: 11.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BM002544.D

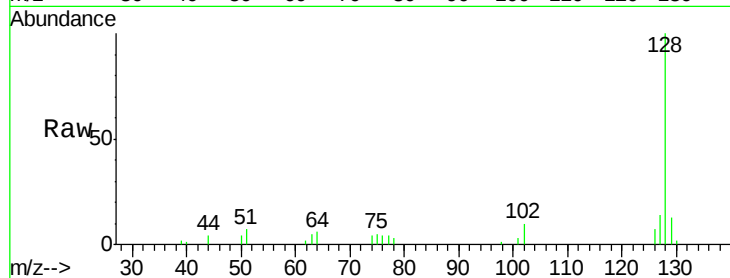
Acq: 22 Aug 2015 05:20

Instrument :

BNA_M

ClientSampleId :

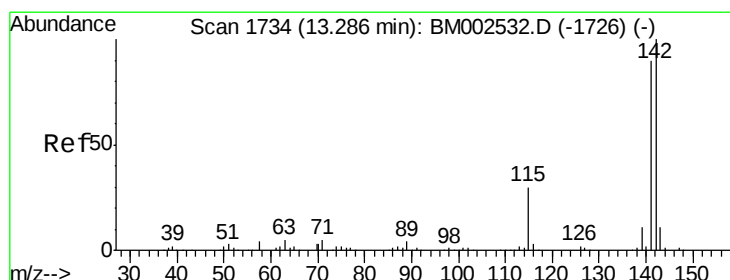
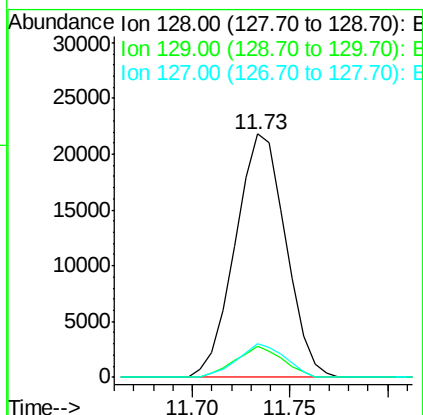
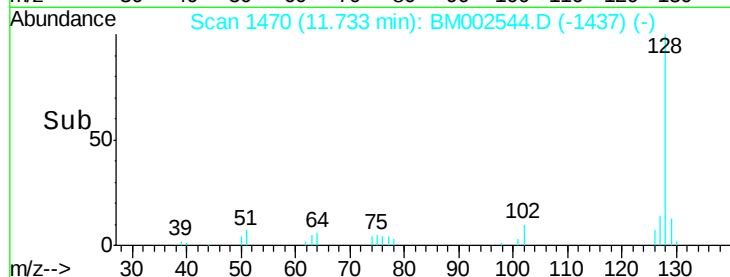
D9DX3



Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	12.8
127	13.7	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.54 ng/ul

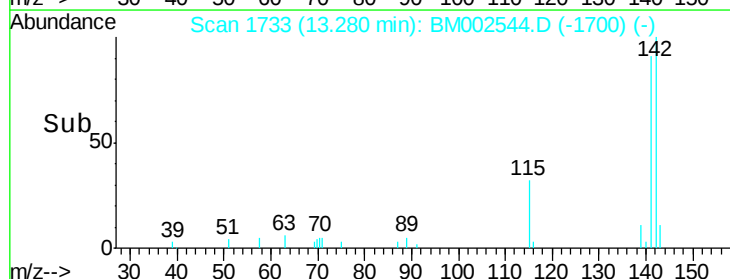
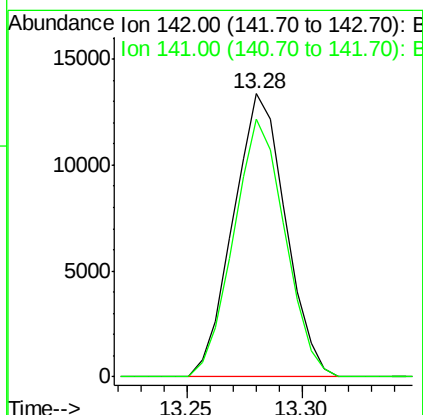
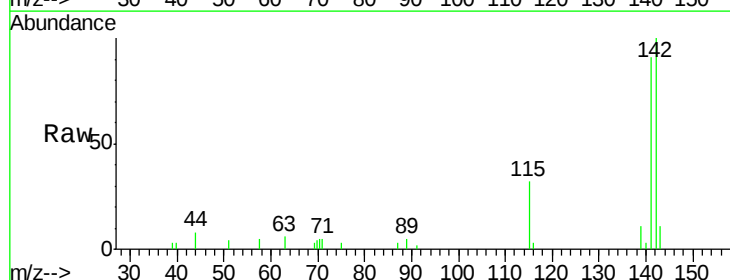
RT: 13.28 min Scan# 1733

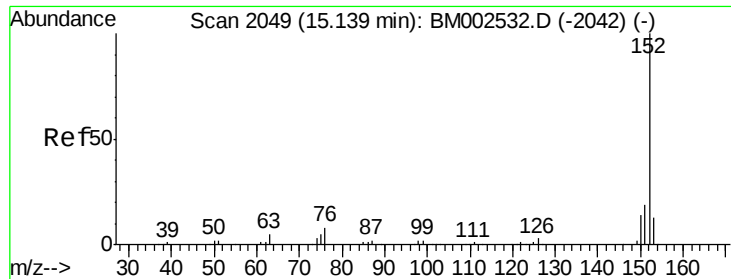
Delta R.T. -0.01 min

Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.2





#8

Acenaphthylene

Concen: 4.15 ng/ul

RT: 15.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM002544.D

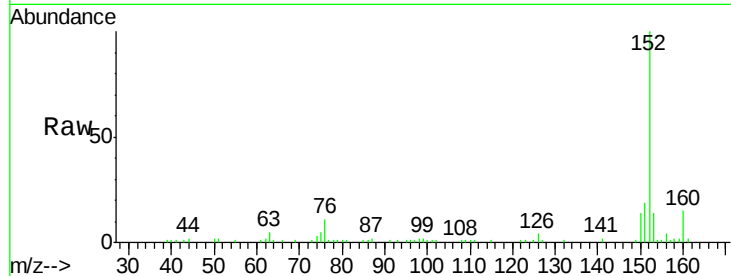
Acq: 22 Aug 2015 05:20

Instrument :

BNA_M

ClientSampleId :

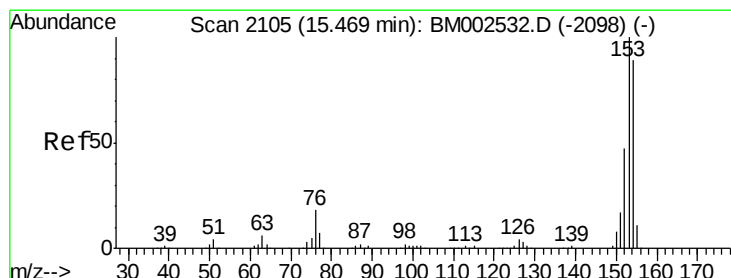
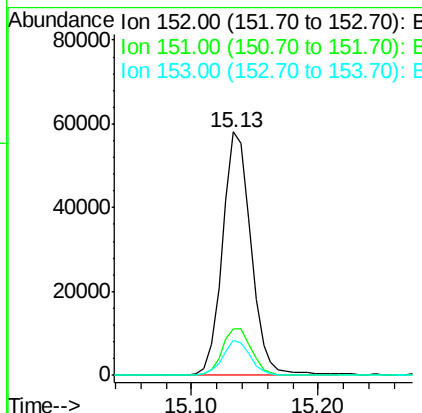
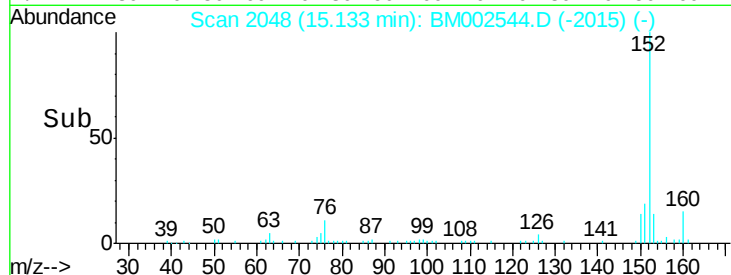
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	14.1	10.2	15.4

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#9

Acenaphthene

Concen: 2.15 ng/ul

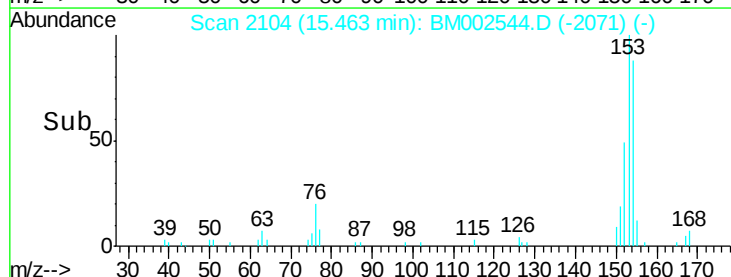
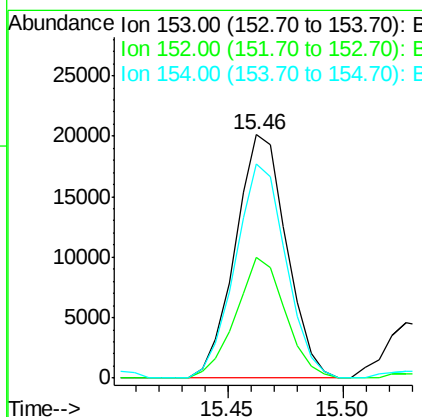
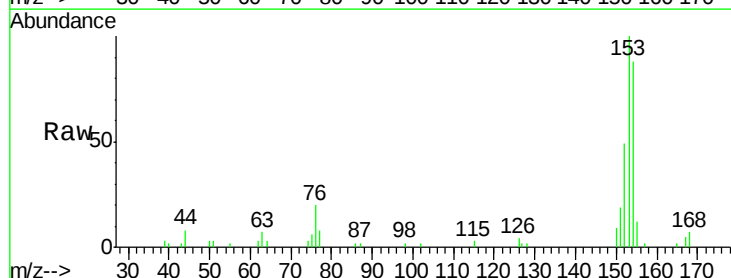
RT: 15.46 min Scan# 2104

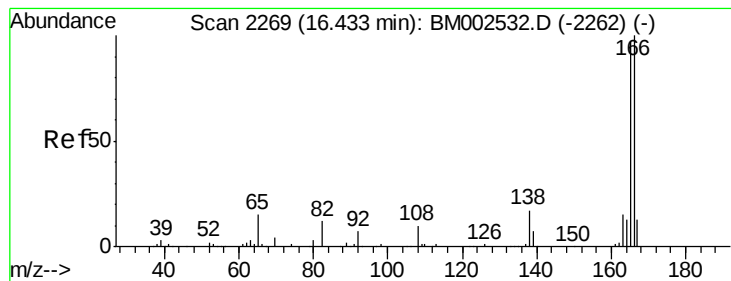
Delta R.T. -0.01 min

Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	36.9	55.3
154	87.7	71.3	106.9





#11

Fluorene

Concen: 2.95 ng/ul

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM002544.D

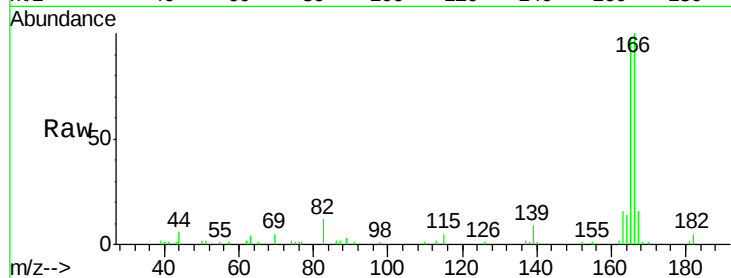
Acq: 22 Aug 2015 05:20

Instrument :

BNA_M

ClientSampleId :

D9DX3



Tgt Ion:166 Resp: 48799

Ion Ratio Lower Upper

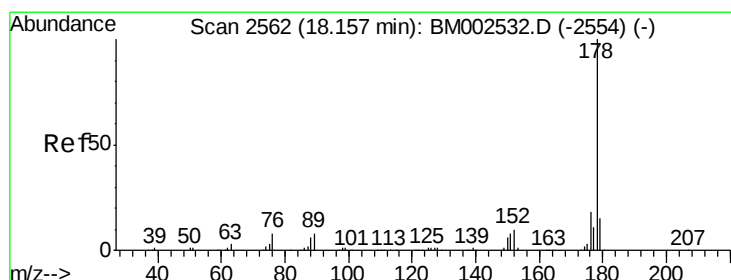
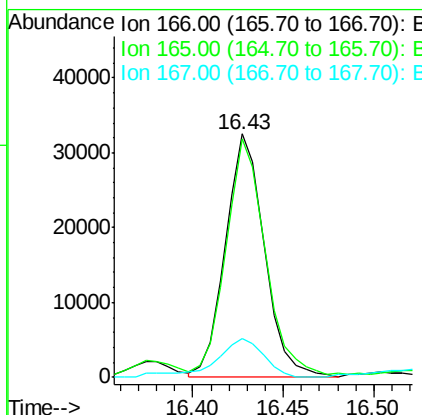
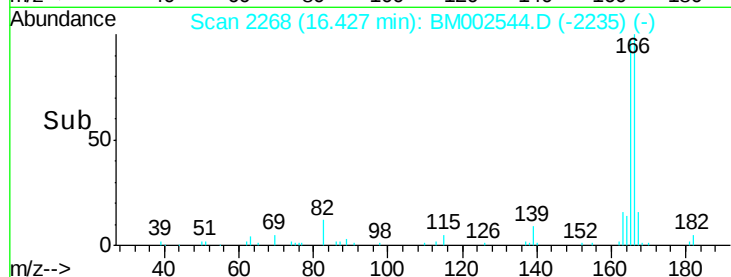
166 100

165 97.9 77.6 116.4

167 16.1 10.7 16.1#

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#13

Phenanthrene

Concen: 55.20 ng/ul

RT: 18.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

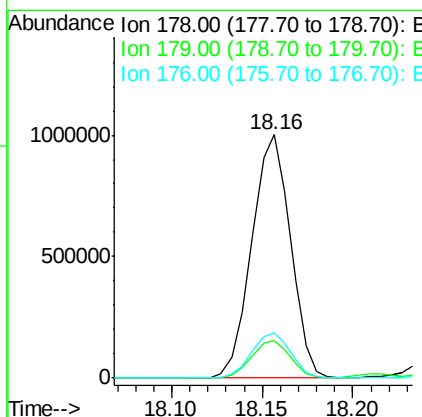
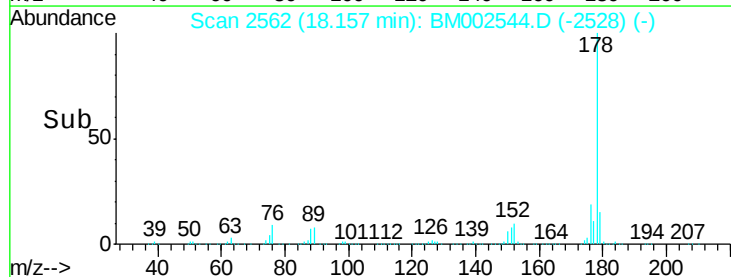
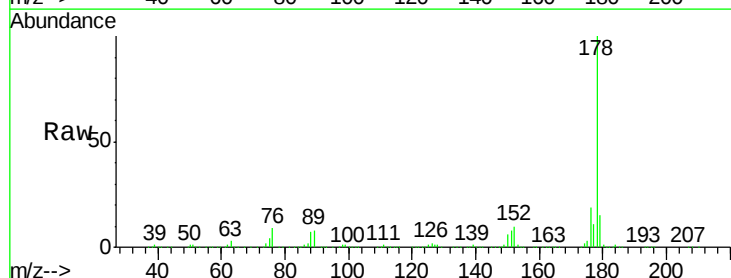
Tgt Ion:178 Resp: 1486866

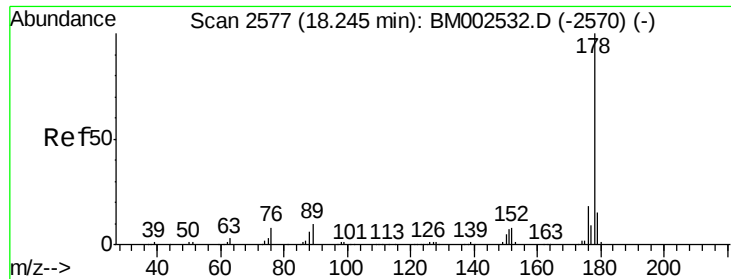
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.7 15.1 22.7





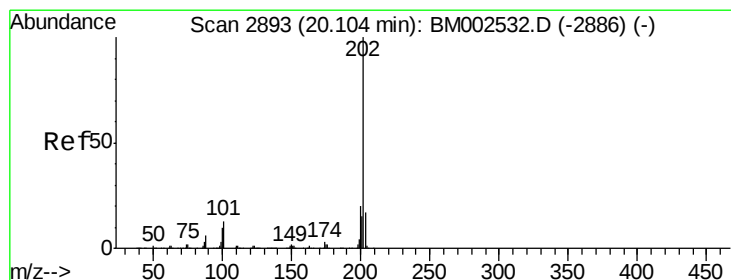
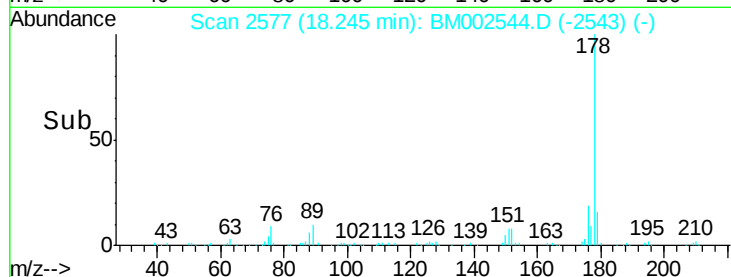
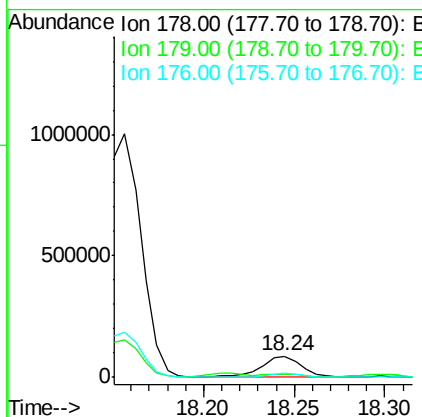
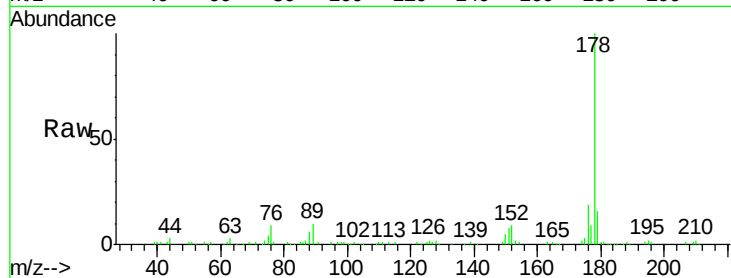
#15
 Anthracene
 Concen: 4.98 ng/ul
 RT: 18.24 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Instrument :
 BNA_M
 ClientSampleId :
 D9DX3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.7	14.5	21.7

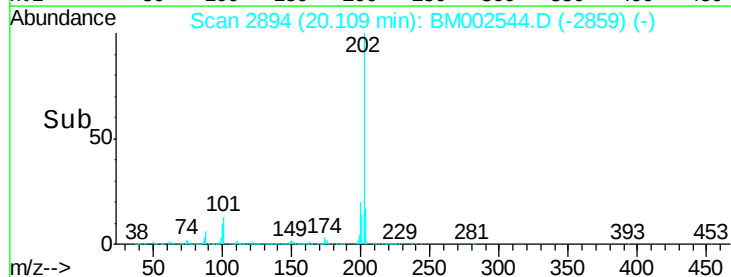
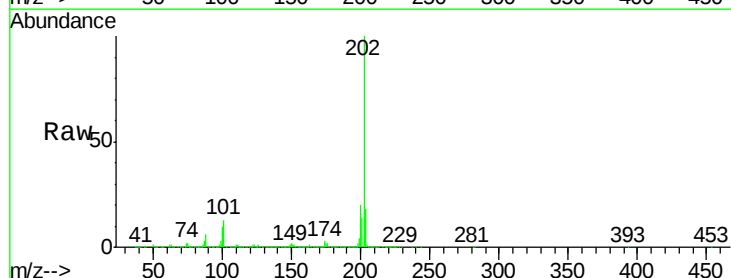
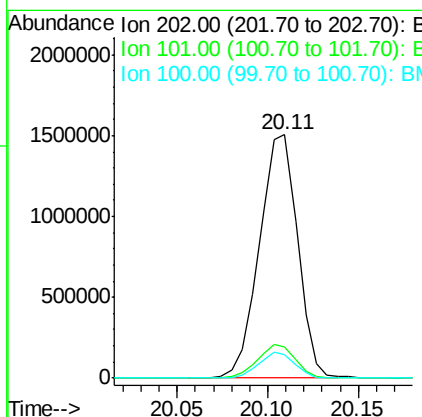
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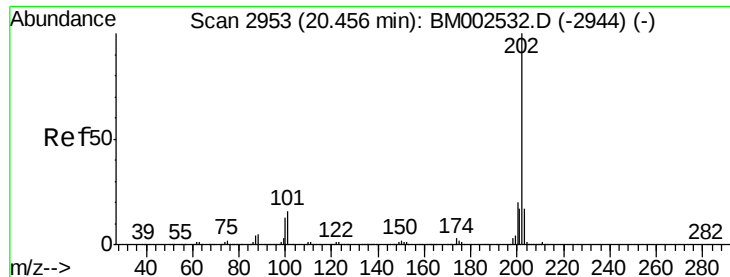
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#16
 Fluoranthene
 Concen: 72.30 ng/ul
 RT: 20.11 min Scan# 2894
 Delta R.T. 0.01 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	9.6	7.4	11.2





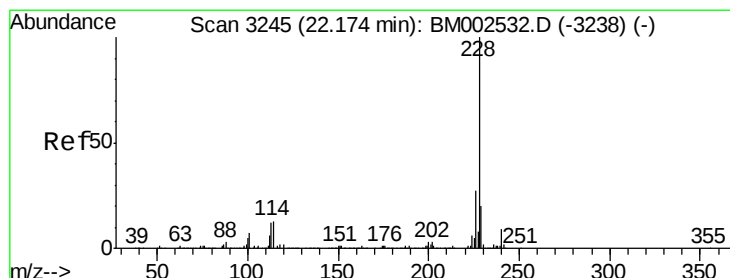
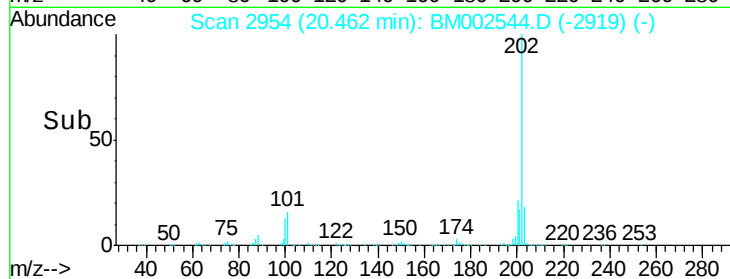
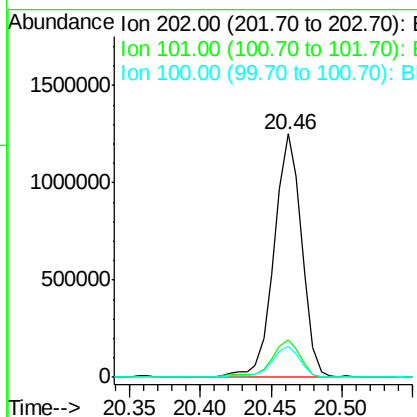
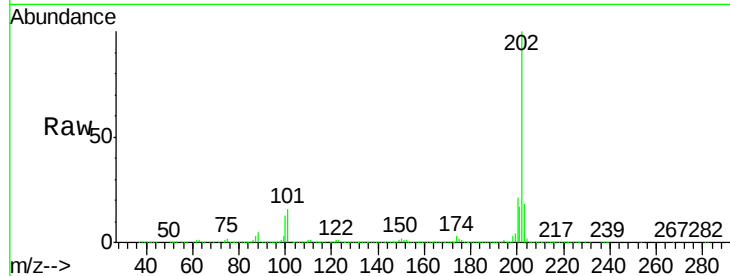
#19
 Pyrene
 Concen: 51.26 ng/ul
 RT: 20.46 min Scan# 2954
 Delta R.T. 0.01 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Instrument :
 BNA_M
 ClientSampleId :
 D9DX3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.0	18.0
100	12.8	9.7	14.5

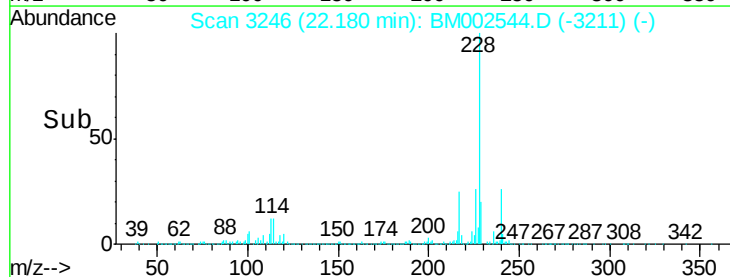
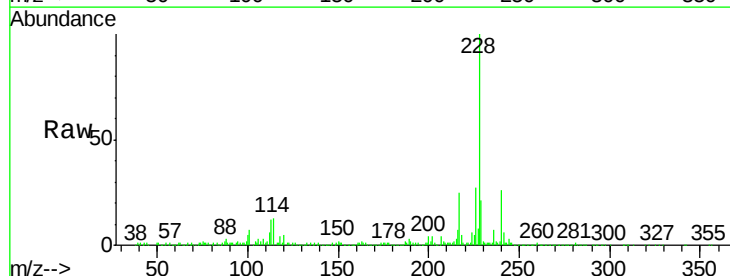
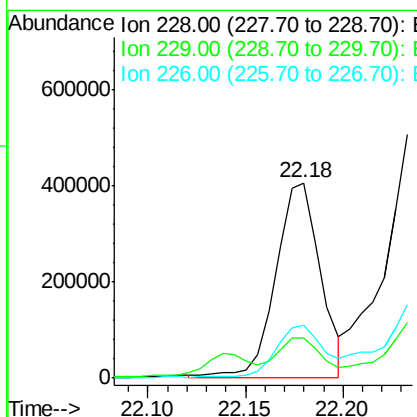
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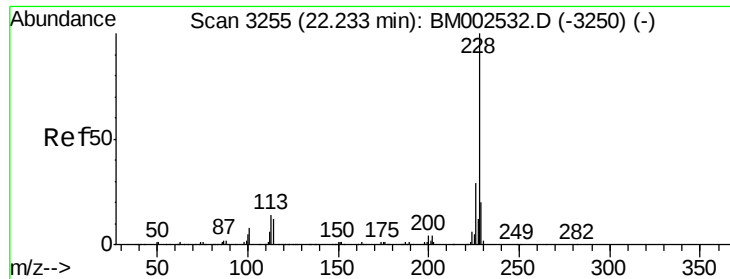
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#20
 Benzo(a)anthracene
 Concen: 18.82 ng/ul
 RT: 22.18 min Scan# 3246
 Delta R.T. 0.01 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	26.8	21.1	31.7





#21

Chrysene

Concen: 28.11 ng/ul

RT: 22.24 min Scan# 3256

Delta R.T. 0.01 min

Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

Instrument :

BNA_M

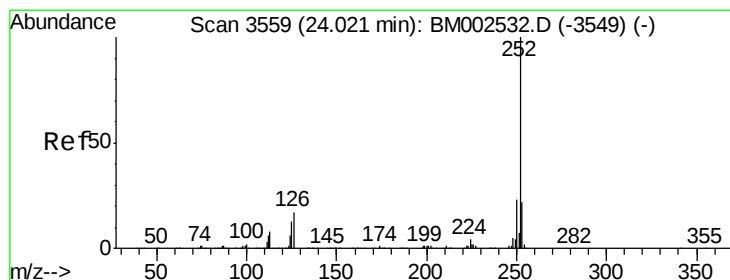
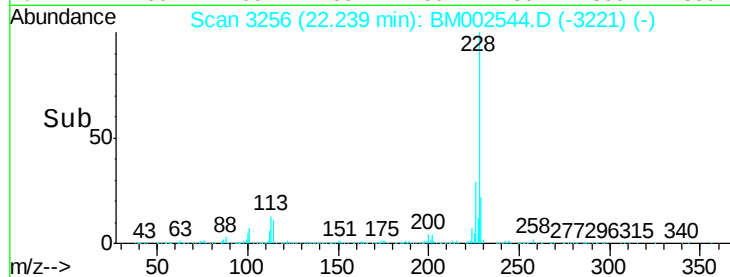
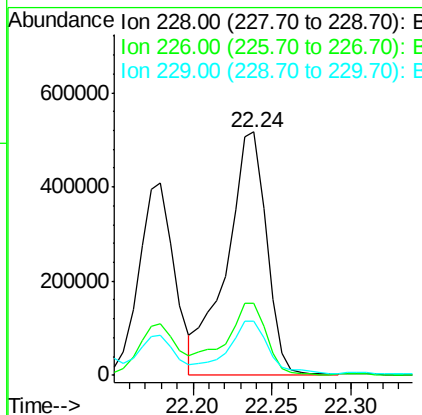
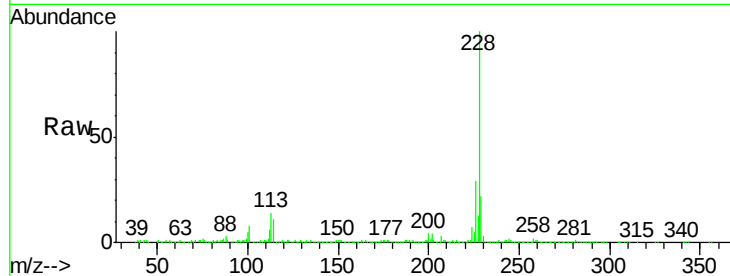
ClientSampleId :

D9DX3

Tgt Ion:	228	Resp:	896627
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	22.4	15.7	23.5

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#23

Benzo(b)fluoranthene

Concen: 32.52 ng/ul

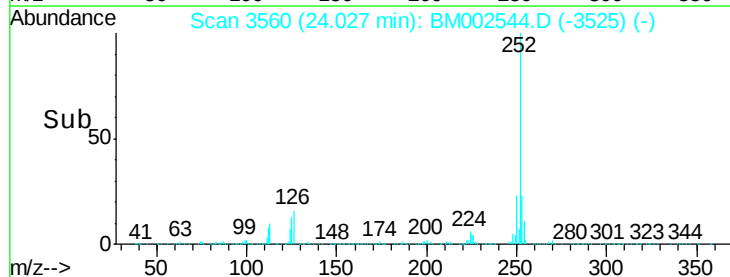
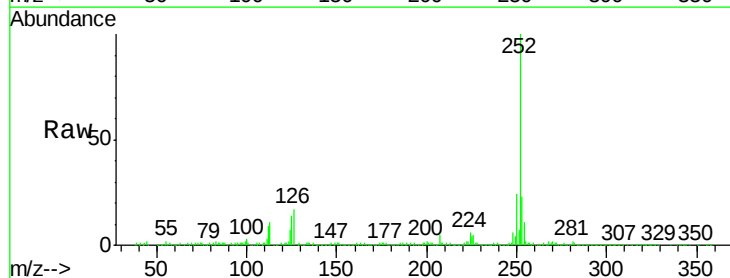
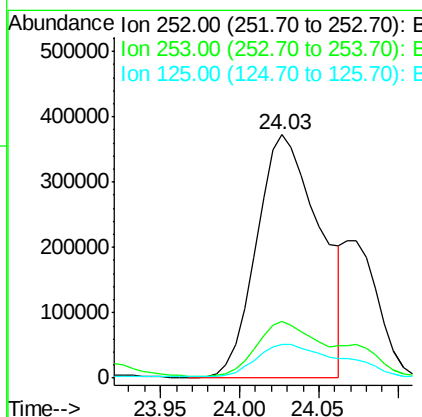
RT: 24.03 min Scan# 3560

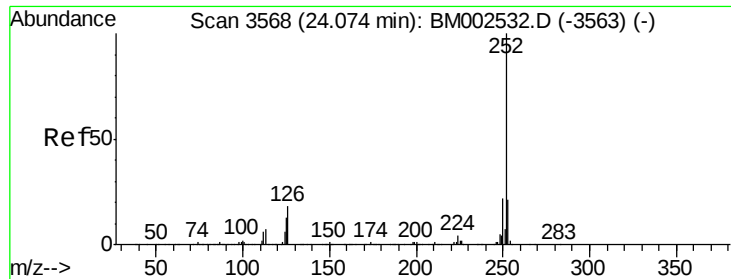
Delta R.T. 0.01 min

Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

Tgt Ion:	252	Resp:	1029953
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	13.9	10.0	15.0





#24

Benzo(k)fluoranthene

Concen: 10.56 ng/ul m

RT: 24.07 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

Instrument :

BNA_M

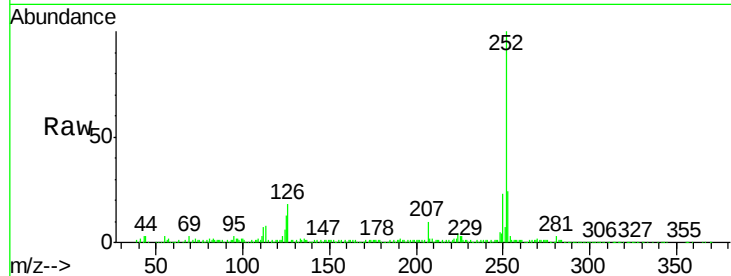
ClientSampleId :

D9DX3

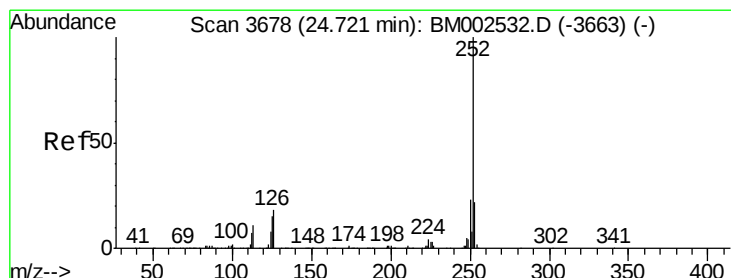
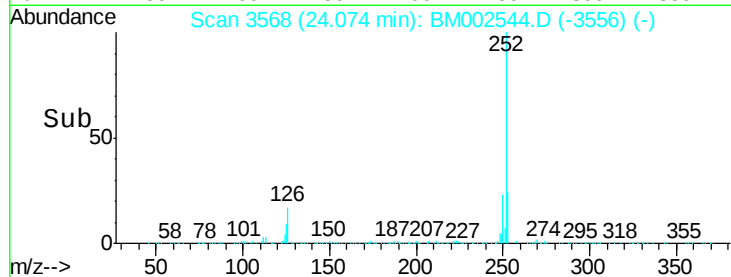
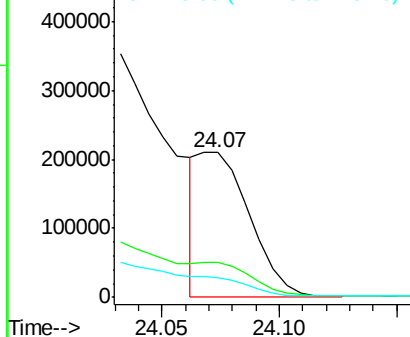
Tgt Ion:	252	Resp:	317001
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.6
125	13.3	9.8	14.8

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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



#26

Benzo(a)pyrene

Concen: 18.72 ng/ul

RT: 24.73 min Scan# 3679

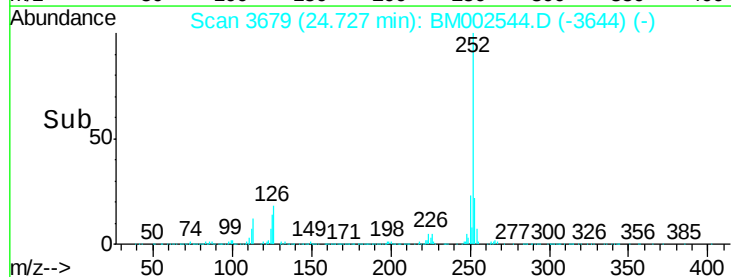
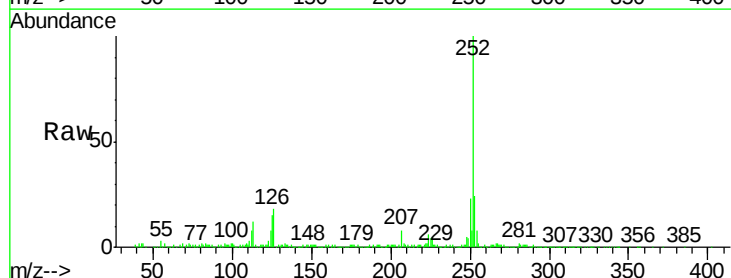
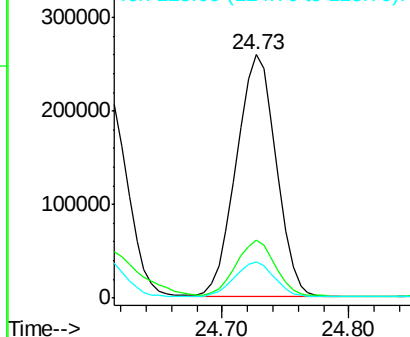
Delta R.T. 0.01 min

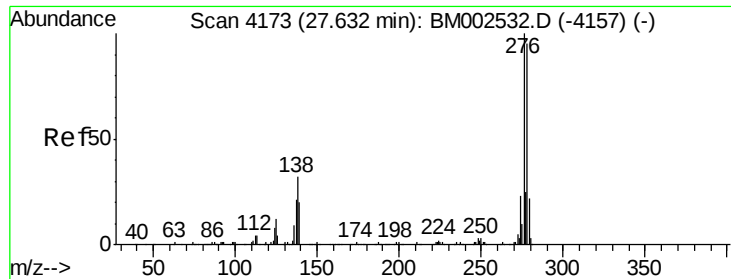
Lab File: BM002544.D

Acq: 22 Aug 2015 05:20

Tgt Ion:	252	Resp:	566381
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	14.8	10.7	16.1

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





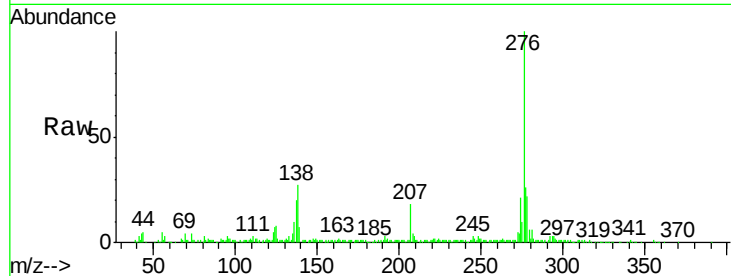
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 10.99 ng/ul
 RT: 27.63 min Scan# 4173
 Delta R.T. -0.00 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Instrument :
 BNA_M
 ClientSampleId :
 D9DX3

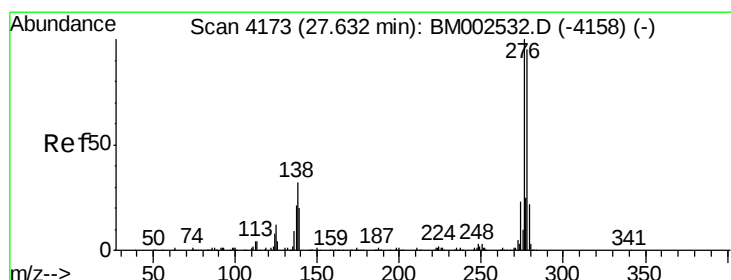
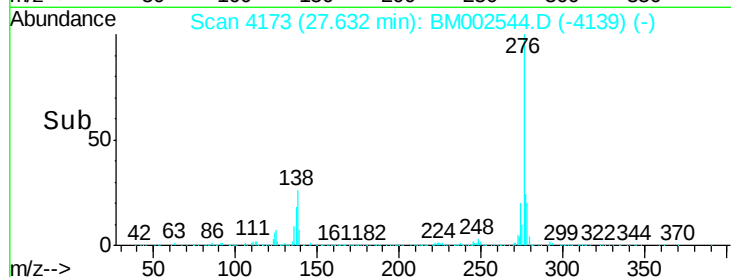
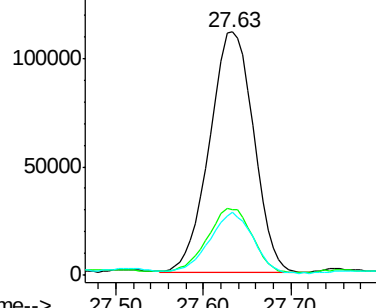
Tgt Ion:	276	Resp:	382327
Ion Ratio	Lower	Upper	
276	100		
138	26.8	25.3	37.9
277	25.8	20.2	30.2

Manual Integrations
 APPROVED

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 8/24/2015 11:25:30 AM

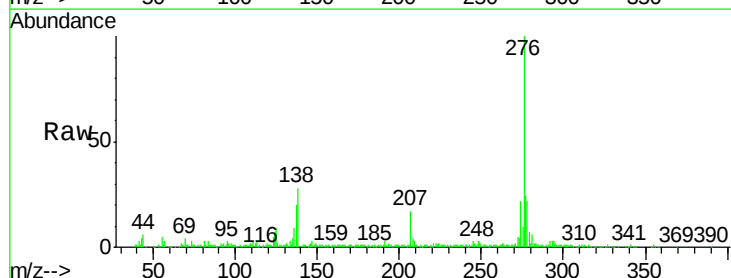


Abundance Ion 276.00 (275.70 to 276.70): E
 150000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

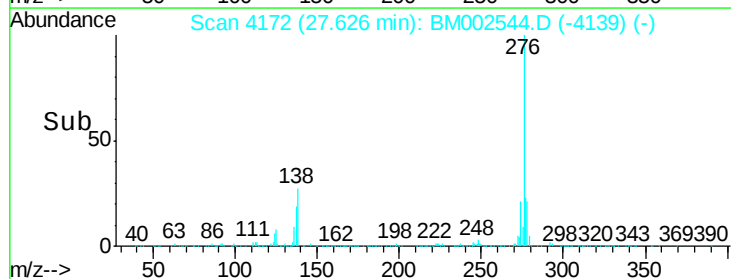
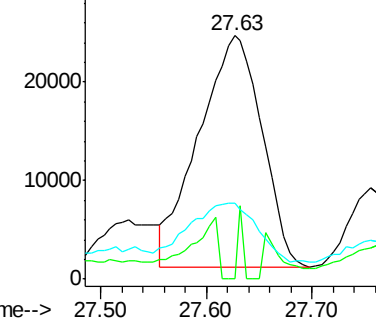


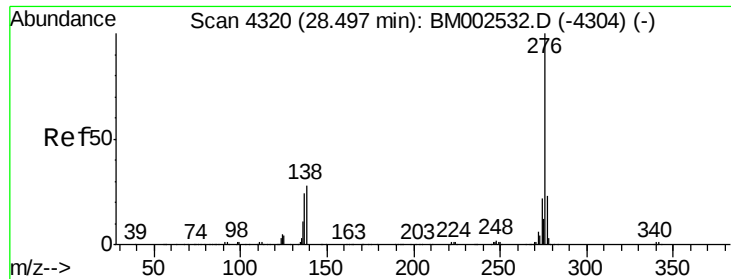
#28
 Dibenzo(a,h)anthracene
 Concen: 3.36 ng/ul
 RT: 27.63 min Scan# 4172
 Delta R.T. -0.01 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Tgt Ion:	278	Resp:	97750
Ion Ratio	Lower	Upper	
278	100		
139	0.0	16.5	24.7#
279	31.4	18.8	28.2#



Abundance Ion 278.00 (277.70 to 278.70): E
 30000 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#29
 Benzo(g,h,i)perylene
 Concen: 12.10 ng/ul
 RT: 28.51 min Scan# 4322
 Delta R.T. 0.01 min
 Lab File: BM002544.D
 Acq: 22 Aug 2015 05:20

Instrument :
 BNA_M
 ClientSampleId :
 D9DX3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	25.1	19.2	28.8

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 11:25:30 AM

