

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005627.D
 Acq On : 24 May 2016 02:28
 Operator : UM/SJ
 Sample : H3087-17RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGL0RE

Manual Integrations
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Quant Time: May 24 07:43:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	229337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1007764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	502032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	867165	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	817019	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	811608	20.00	ng/ul	0.00

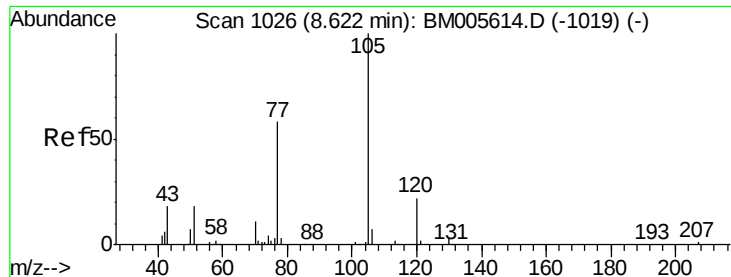
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	19510	3.73	ng/uL	0.00
5) Phenol-d5	6.97	99	468786	24.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	264947	24.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	386687	24.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	350338	22.74	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	189712	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	210722	24.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	371183	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	244098	15.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1023089	24.97	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1300631	25.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	125818	16.23	ng/ul	0.00
57) Fluorene-d10	15.43	176	827583	23.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	60553	12.14	ng/ul	0.00
70) Anthracene-d10	17.28	188	1081929	26.19	ng/ul	0.00
76) Pyrene-d10	19.57	212	1070562	28.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	970528	25.61	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.62	105	57397	2.47	ng/ul	99
28) Naphthalene	10.64	128	163658	3.23	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	52844	1.43	ng/ul	98
44) Dimethylphthalate	13.89	163	425454	10.51	ng/ul	99
47) Acenaphthylene	14.16	152	172283	3.31	ng/ul	98
58) Fluorene	15.49	166	69478	1.77	ng/ul	96
69) Phenanthrene	17.23	178	676076	13.95	ng/ul	99
71) Anthracene	17.32	178	191050	3.87	ng/ul	95
72) Carbazole	17.59	167	48905	1.14	ng/ul#	81
74) Fluoranthene	19.24	202	689960	12.65	ng/ul	98
77) Pyrene	19.60	202	687836	14.64	ng/ul	100
80) Benzo(a)anthracene	21.34	228	373381m	7.78	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.27	149	33555	1.20	ng/ul#	95
82) Chrysene	21.39	228	506320	11.08	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	690232	14.42	ng/ul#	92
86) Benzo(k)fluoranthene	22.99	252	208426m	4.60	ng/ul	
88) Benzo(a)pyrene	23.54	252	420402	9.05	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.94	276	336455	6.10	ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	83211	1.81	ng/ul#	80
91) Benzo(g,h,i)perylene	26.66	276	335665	7.24	ng/ul	95

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



#14

Acetophenone

Concen: 2.47 ng/ul

RT: 8.62 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BM005627.D

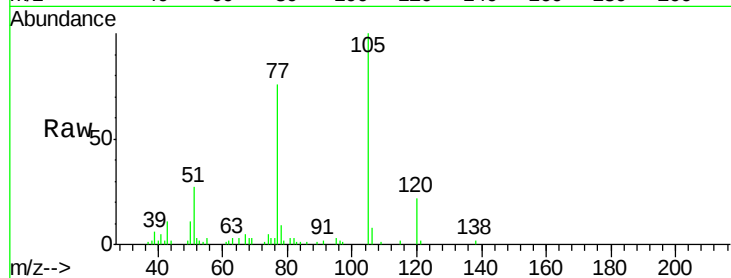
Acq: 24 May 2016 02:28

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ClientSampleId :

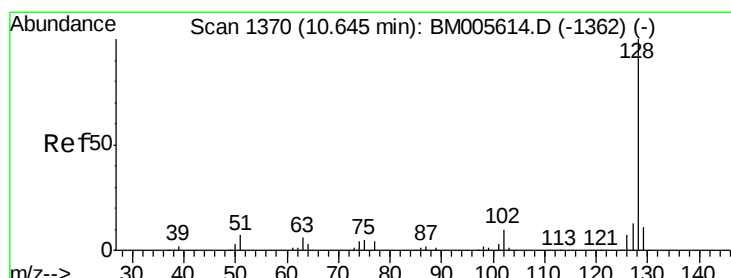
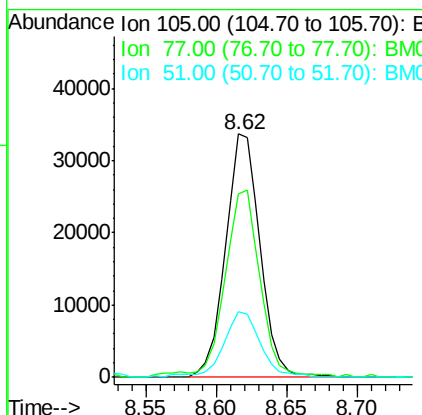
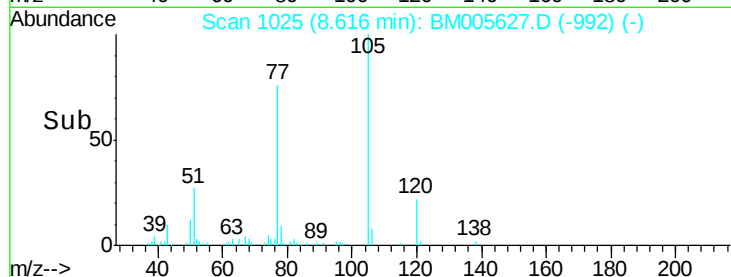
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Tgt Ion:	105	Resp:	57397
Ion Ratio	Lower	Upper	
105	100		
77	75.6	60.8	91.2
51	27.2	22.2	33.2

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#28

Naphthalene

Concen: 3.23 ng/ul

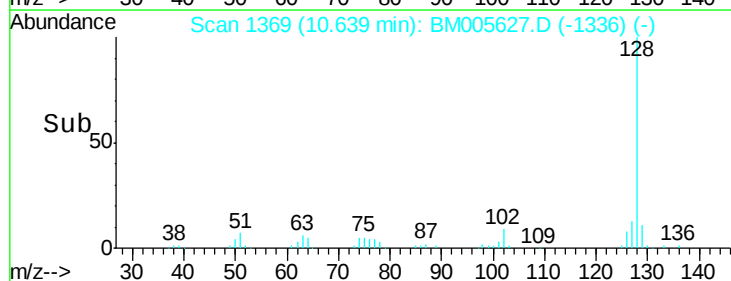
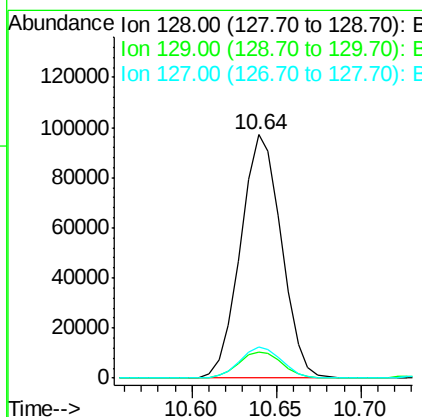
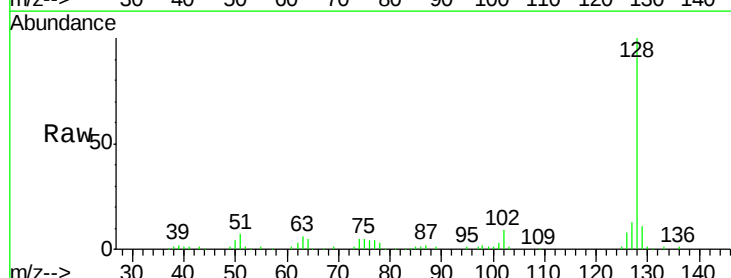
RT: 10.64 min Scan# 1369

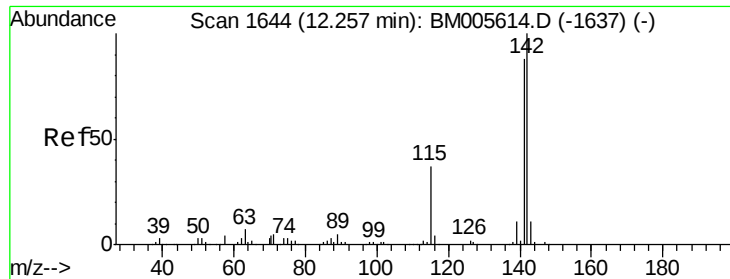
Delta R.T. -0.01 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Tgt Ion:	128	Resp:	163658
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	13.0
127	12.7	10.6	15.8





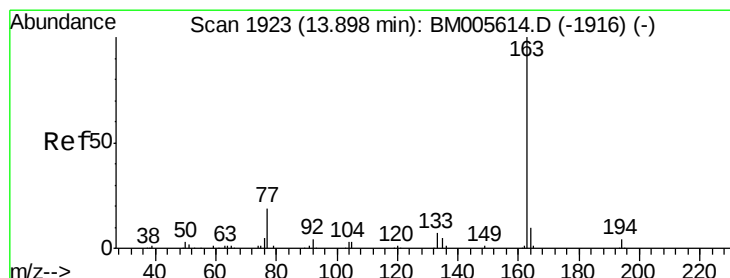
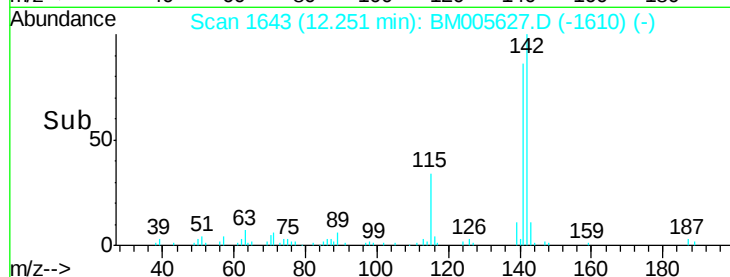
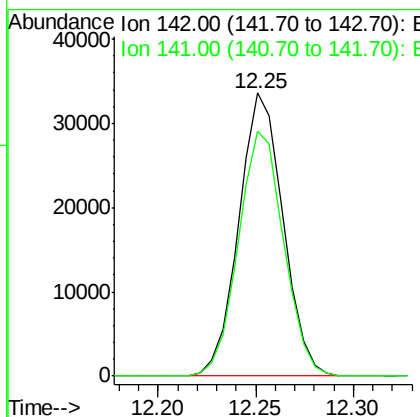
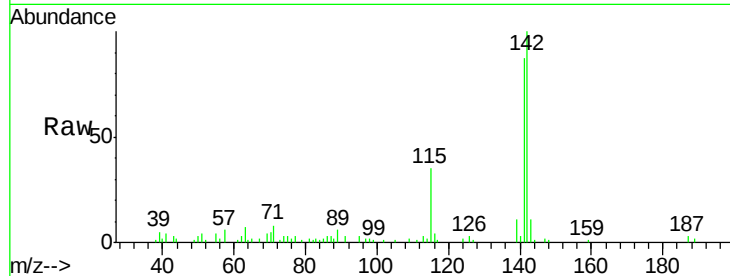
#34
 2-Methylnaphthalene
 Concen: 1.43 ng/ul
 RT: 12.25 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM005627.D
 Acq: 24 May 2016 02:28

Instrument :
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 ClientSampleId :
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Tgt Ion:142 Resp: 52844
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.6 106.0

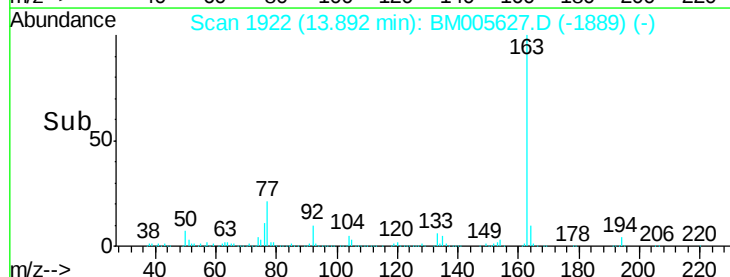
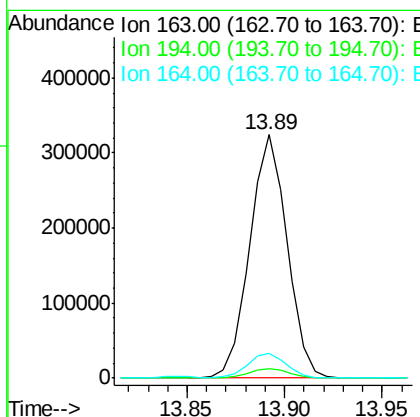
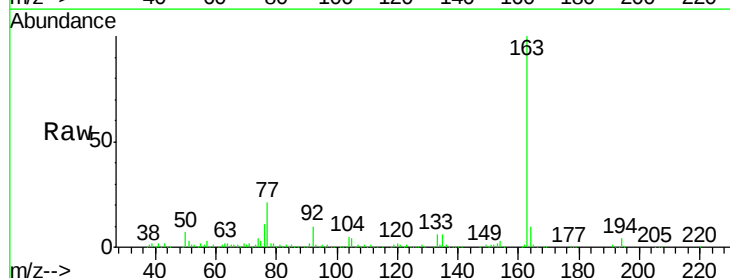
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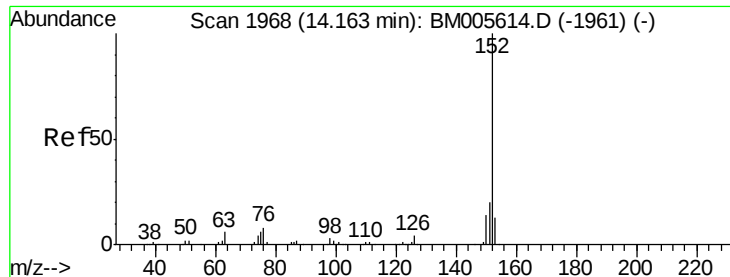
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#44
 Dimethylphthalate
 Concen: 10.51 ng/ul
 RT: 13.89 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BM005627.D
 Acq: 24 May 2016 02:28

Tgt Ion:163 Resp: 425454
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.2 8.0 12.0





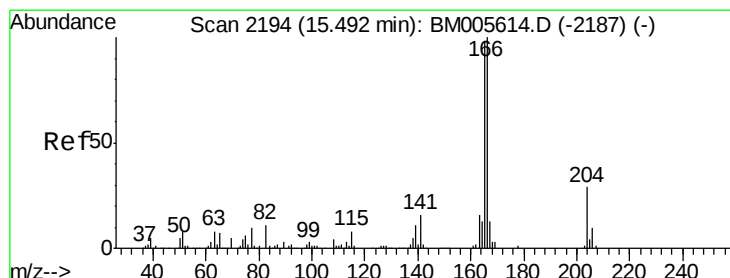
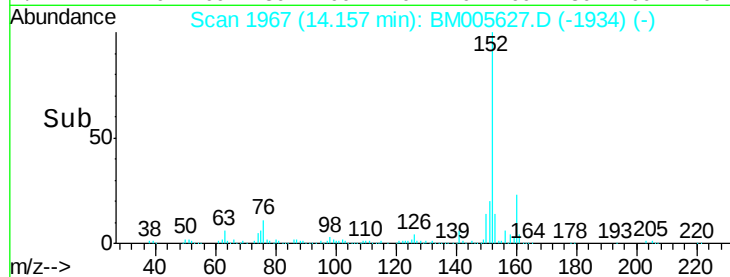
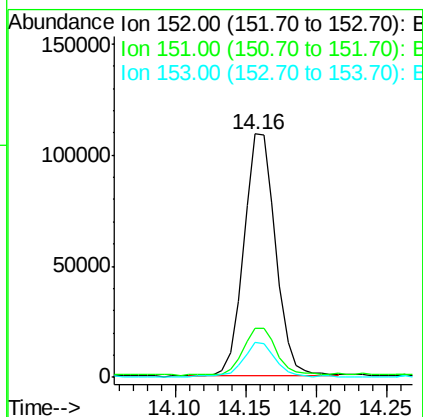
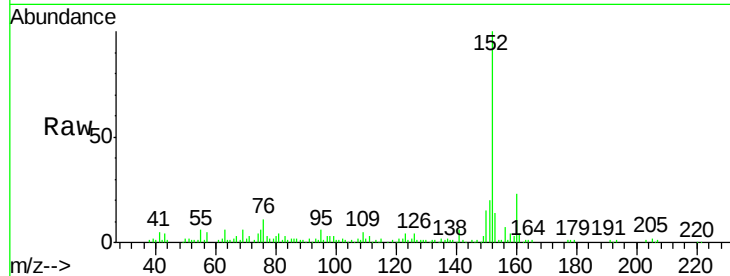
#47
Acenaphthylene
Concen: 3.31 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM005627.D
Acq: 24 May 2016 02:28

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172283		
151	20.4	15.7	23.5	
153	14.4	10.5	15.7	

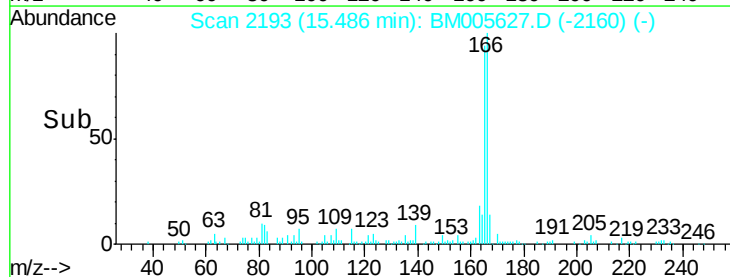
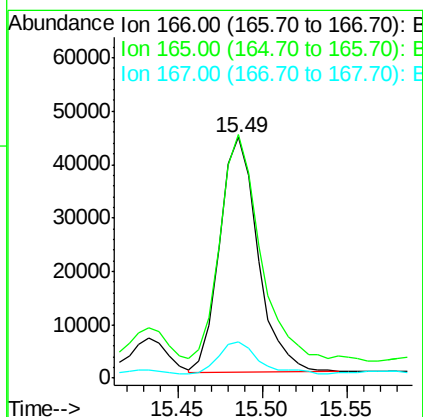
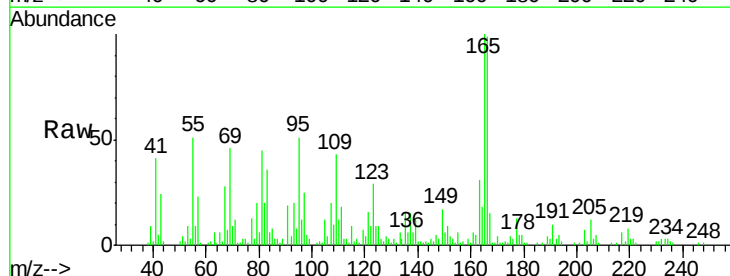
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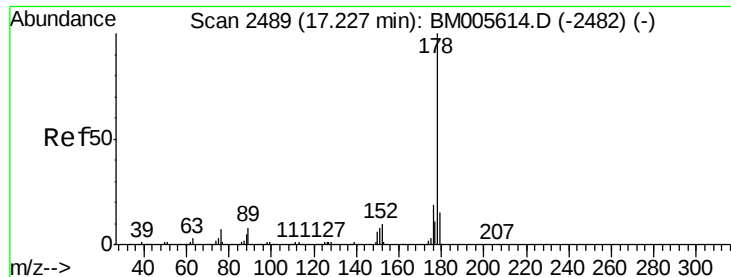
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#58
Fluorene
Concen: 1.77 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM005627.D
Acq: 24 May 2016 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	69478		
165	101.1	78.0	117.0	
167	14.8	10.5	15.7	





#69

Phenanthrene

Concen: 13.95 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Instrument :

BNA_M

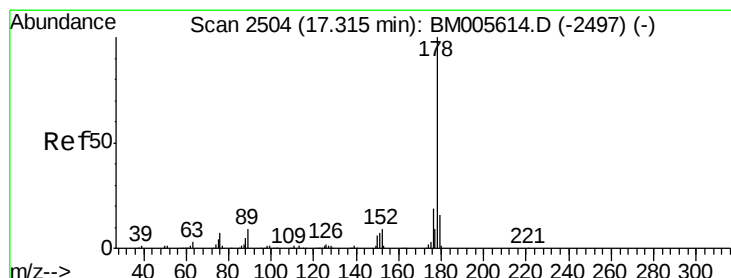
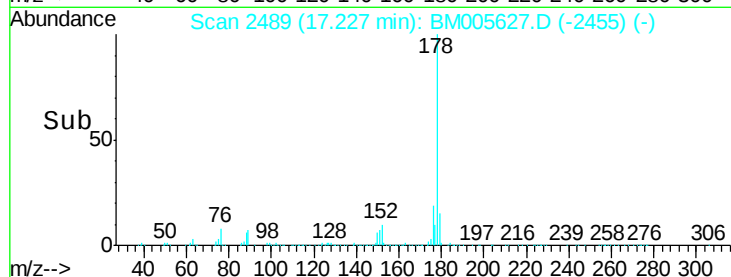
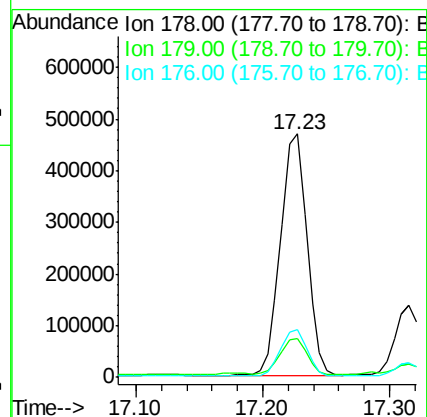
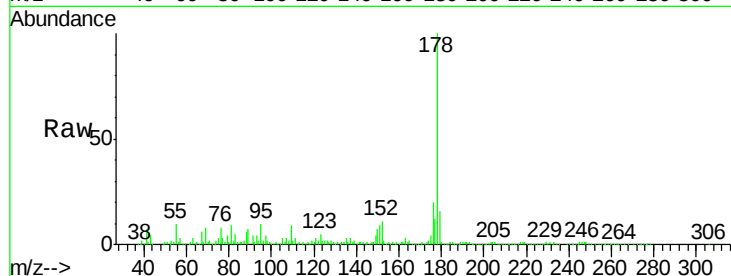
ClientSampleId :

JHGL0RE

Tgt Ion:	178	Resp:	676076
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	19.6	15.8	23.6

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#71

Anthracene

Concen: 3.87 ng/ul

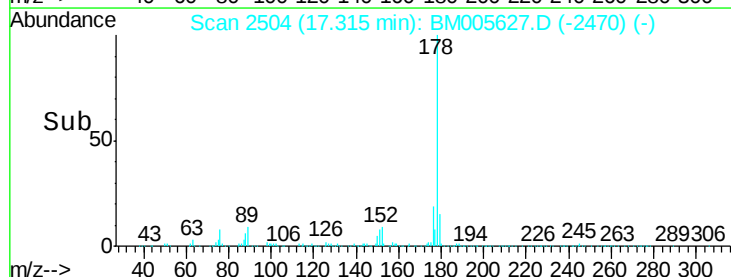
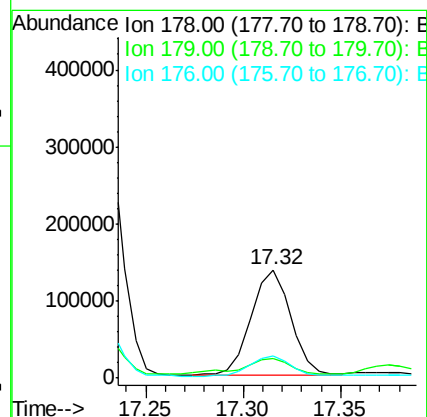
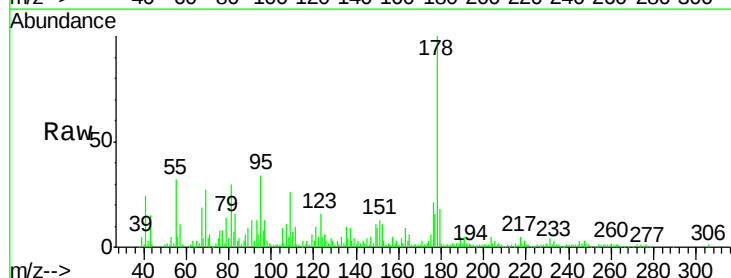
RT: 17.32 min Scan# 2504

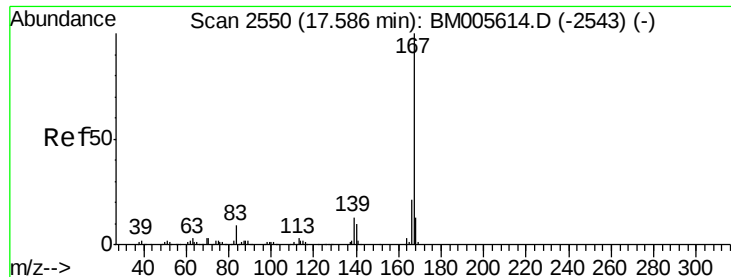
Delta R.T. -0.00 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Tgt Ion:	178	Resp:	191050
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.6	18.8
176	20.5	15.0	22.4





#72

Carbazole

Concen: 1.14 ng/ul

RT: 17.59 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Instrument :

BNA_M

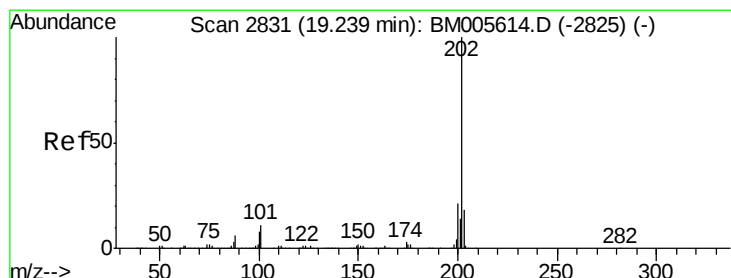
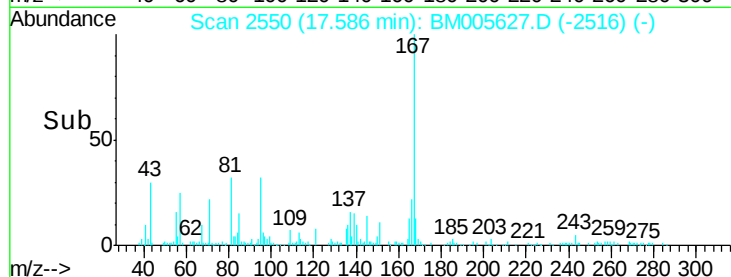
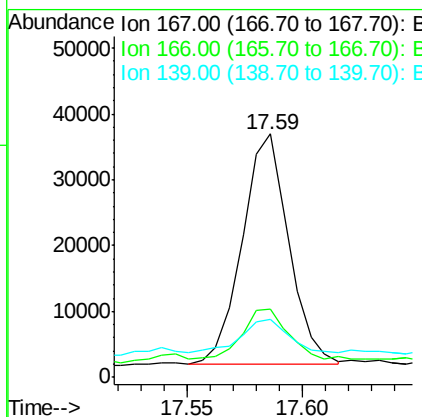
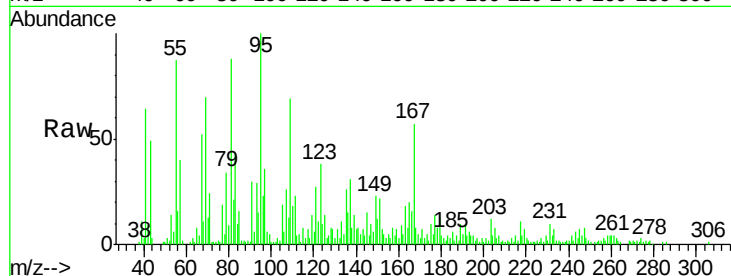
ClientSampleId :

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Tgt Ion:	167	Resp:	48905
Ion Ratio		Lower	Upper
167	100		
166	28.2	16.9	25.3#
139	23.8	10.6	16.0#

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#74

Fluoranthene

Concen: 12.65 ng/ul

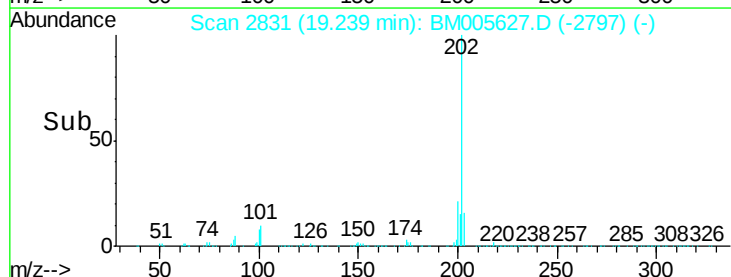
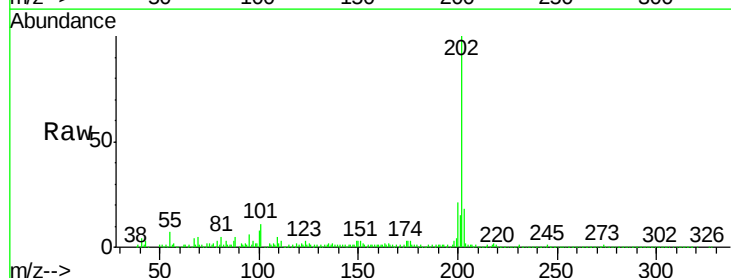
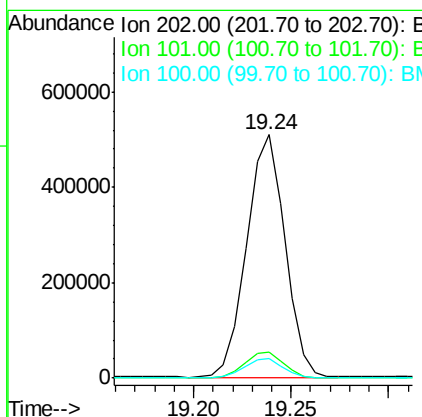
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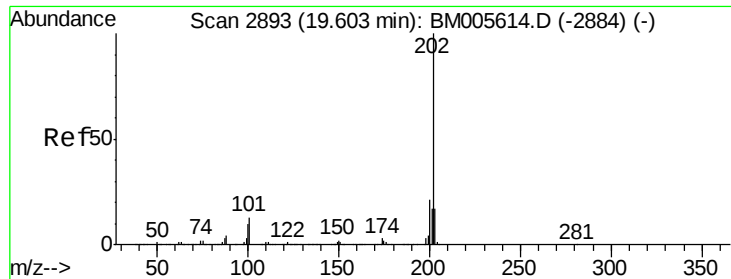
Delta R.T. -0.00 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Tgt Ion:	202	Resp:	689960
Ion Ratio		Lower	Upper
202	100		
101	10.7	7.9	11.9
100	8.1	5.6	8.4





#77

Pyrene

Concen: 14.64 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Instrument :

BNA_M

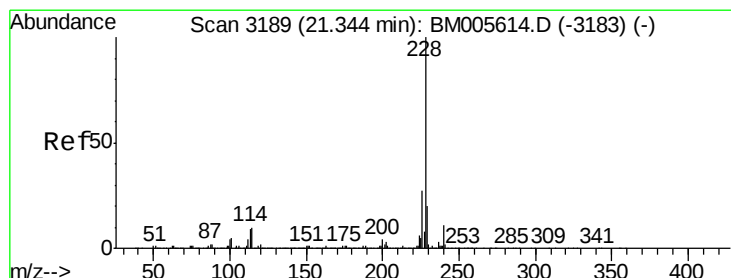
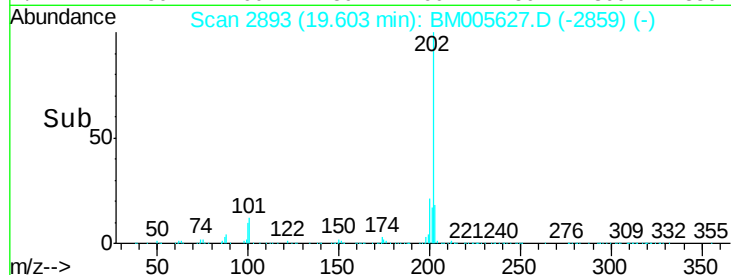
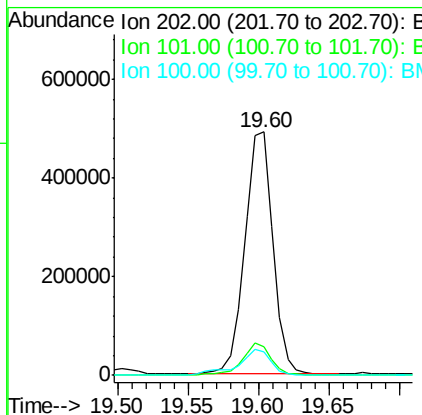
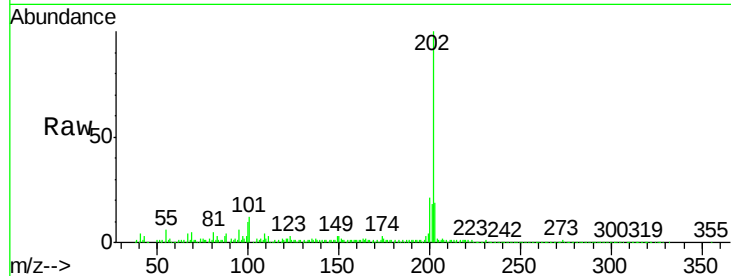
ClientSampleId :

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Tgt Ion:	202	Resp:	687836
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.6	14.4
100	9.6	7.8	11.6

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#80

Benzo(a)anthracene

Concen: 7.78 ng/ul m

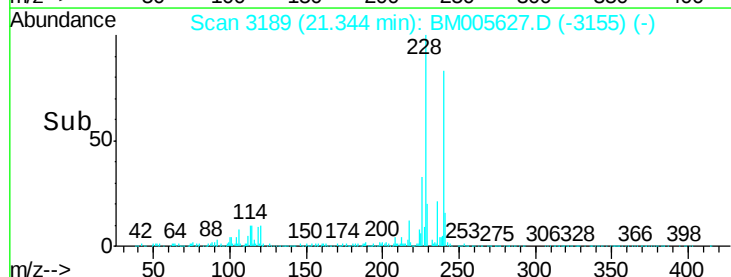
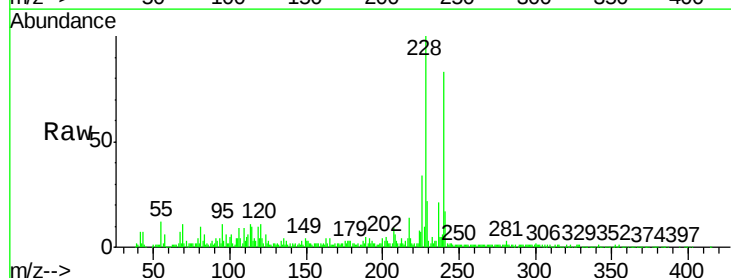
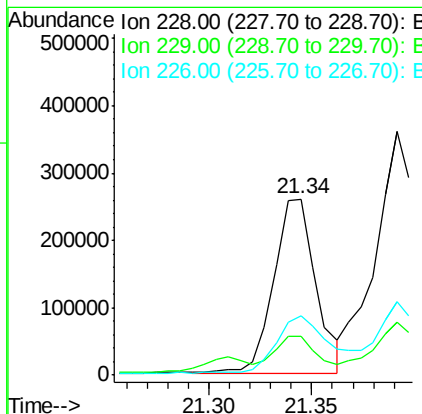
RT: 21.34 min Scan# 3189

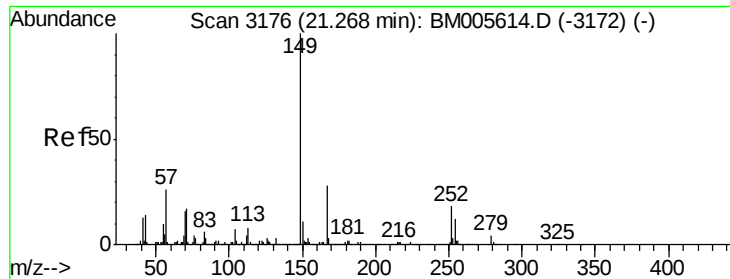
Delta R.T. -0.00 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Tgt Ion:	228	Resp:	373381
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.4	23.2
226	34.0	21.0	31.4#





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.20 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BM005627.D

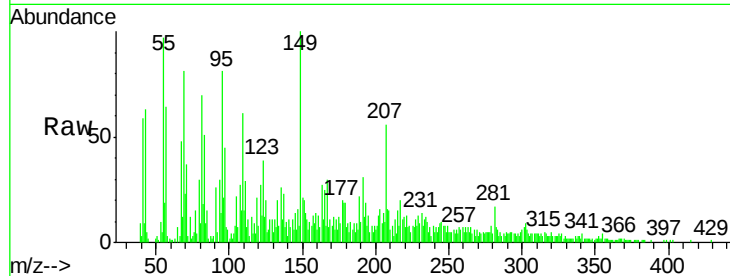
Acq: 24 May 2016 02:28

Instrument :

BNA_M

ClientSampled :

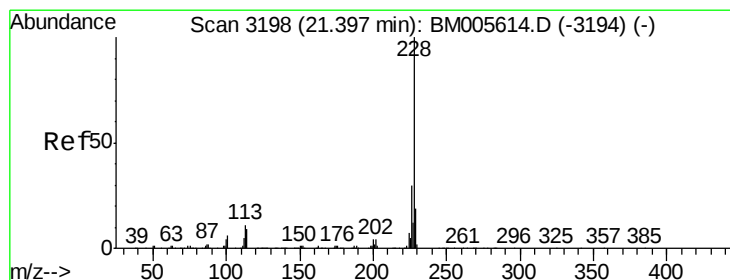
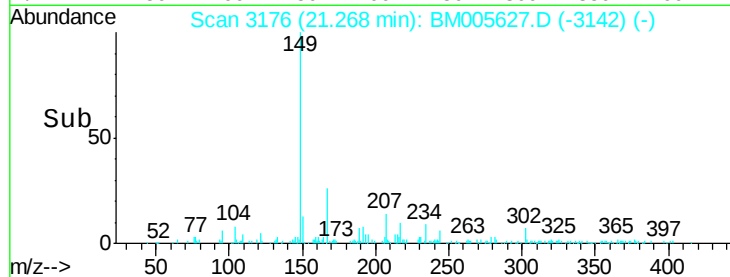
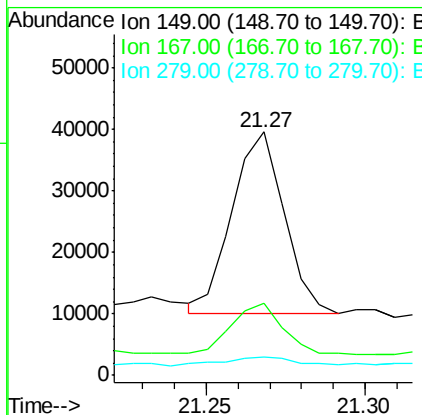
JHGL0RE



Tgt Ion:	149	Resp:	33555
Ion Ratio	Lower	Upper	
149	100		
167	29.6	22.0	33.0
279	7.6	3.8	5.8#

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#82

Chrysene

Concen: 11.08 ng/ul

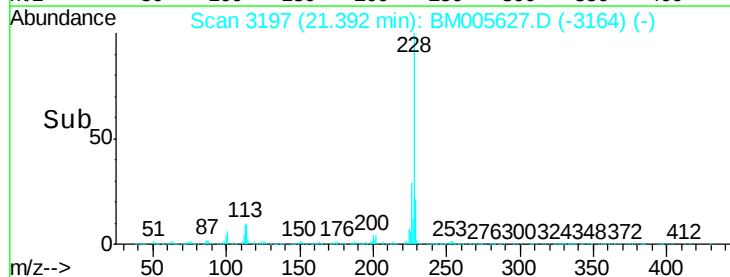
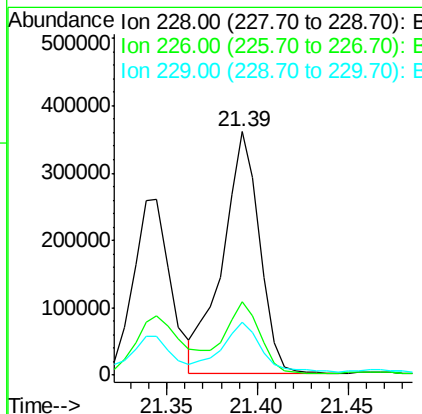
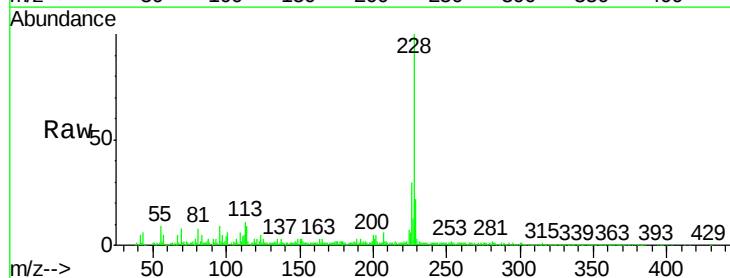
RT: 21.39 min Scan# 3197

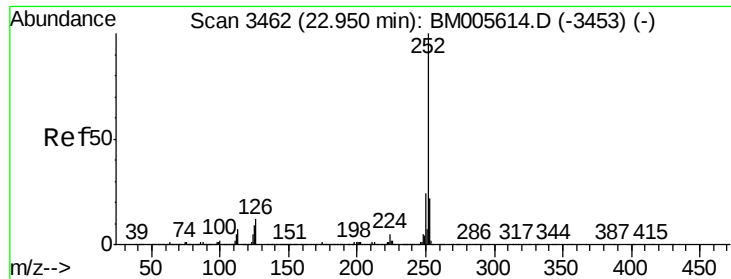
Delta R.T. -0.01 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Tgt Ion:	228	Resp:	506320
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.7	35.5
229	22.0	15.5	23.3





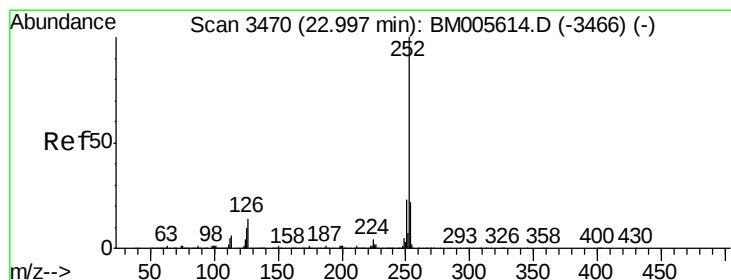
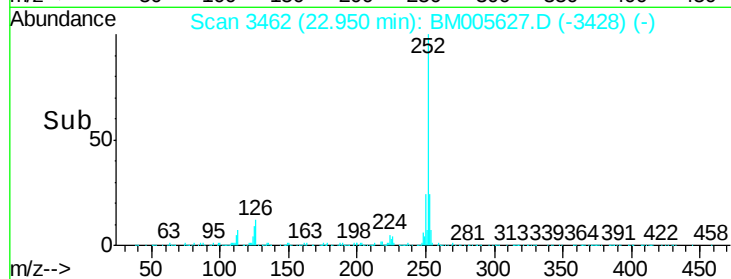
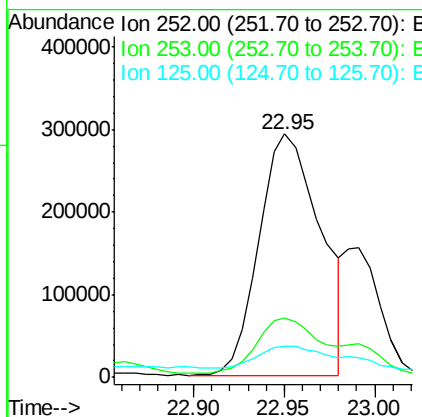
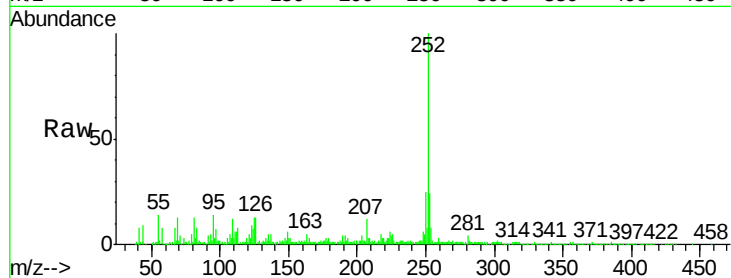
#85
Benzo(b)fluoranthene
Concen: 14.42 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BM005627.D
Acq: 24 May 2016 02:28

Instrument :
BNA_M
ClientSampleId :
JHGL0RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	17.3	25.9
125	12.9	7.0	10.4

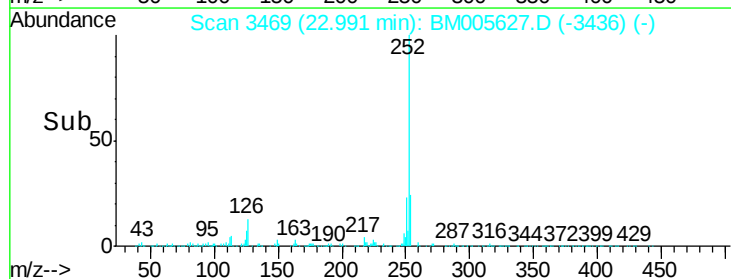
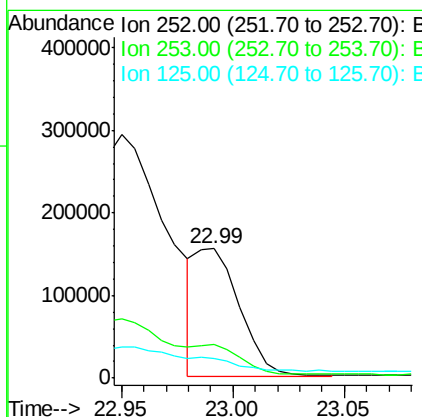
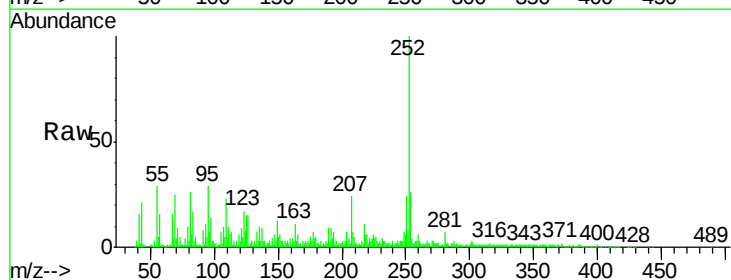
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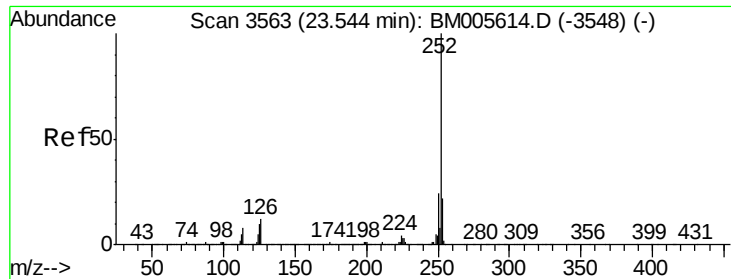
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#86
Benzo(k)fluoranthene
Concen: 4.60 ng/ul m
RT: 22.99 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM005627.D
Acq: 24 May 2016 02:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.6	17.5	26.3
125	14.8	7.0	10.6





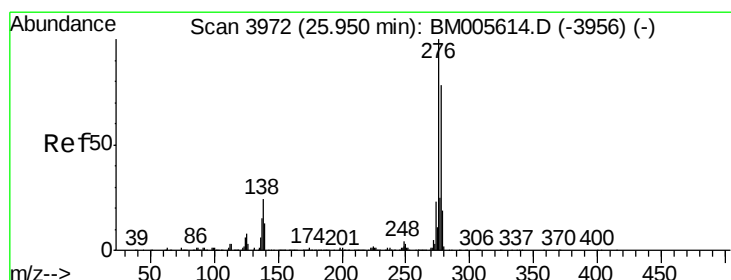
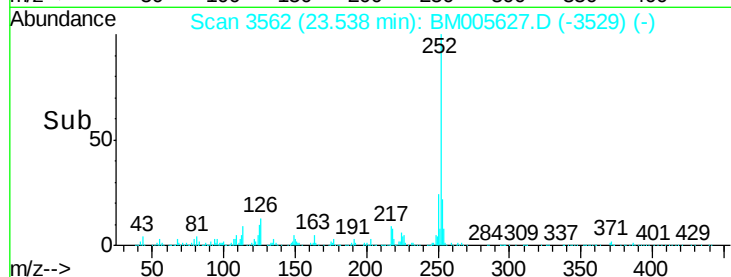
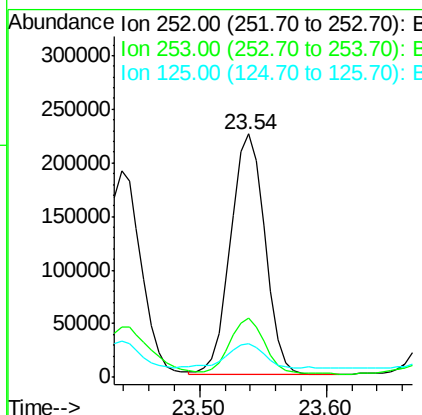
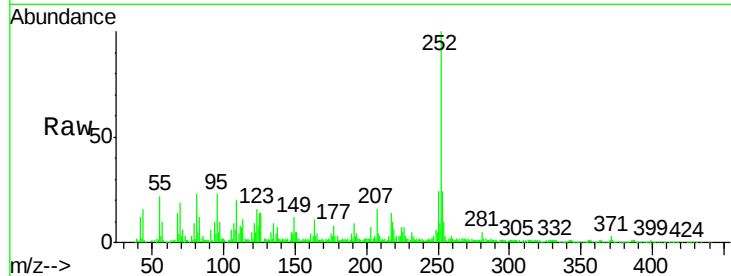
#88
Benzo(a)pyrene
Concen: 9.05 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005627.D
Acq: 24 May 2016 02:28

Instrument :
BNA_M
ClientSampleId :
JHGL0RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	14.0	7.6	11.4

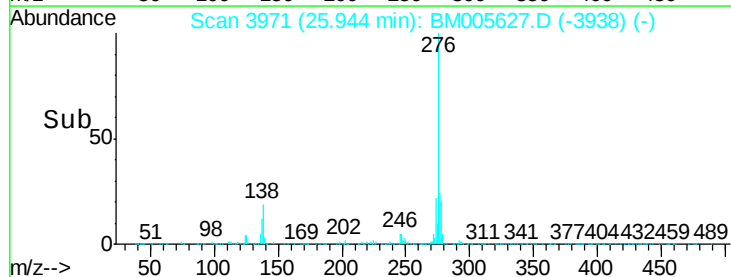
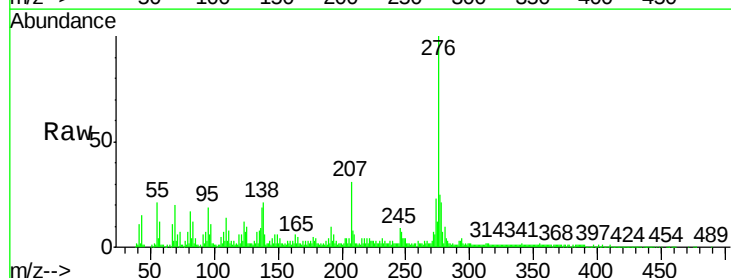
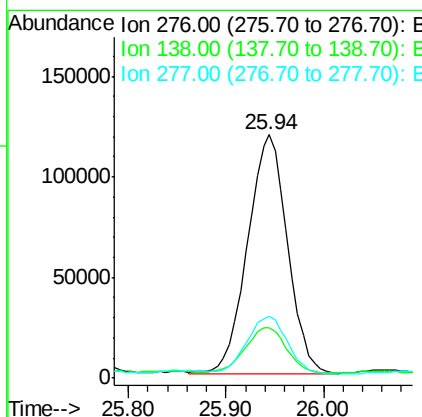
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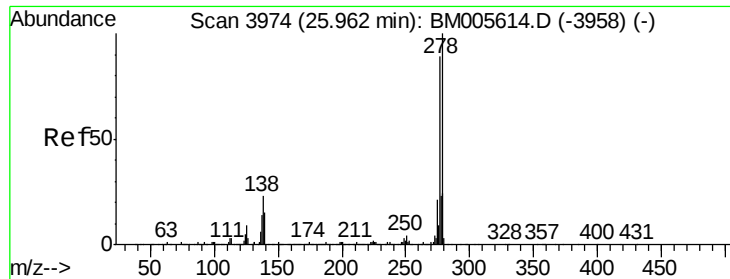
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#89
Indeno(1,2,3-cd)pyrene
Concen: 6.10 ng/ul
RT: 25.94 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM005627.D
Acq: 24 May 2016 02:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.9	25.3
277	25.4	20.2	30.4





#90

Dibenzo(a,h)anthracene

Concen: 1.81 ng/ul

RT: 25.95 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM005627.D

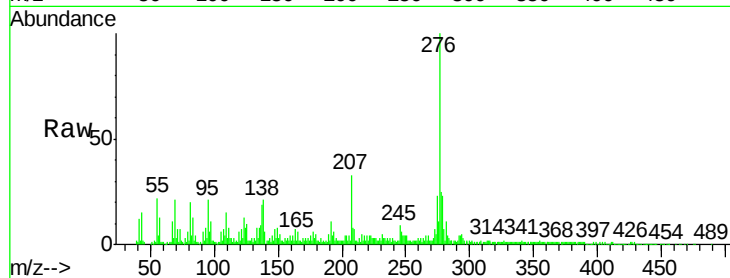
Acq: 24 May 2016 02:28

Instrument :

BNA_M

ClientSampleId :

JHGL0RE



Tgt Ion: 278 Resp: 83211

Ion Ratio Lower Upper

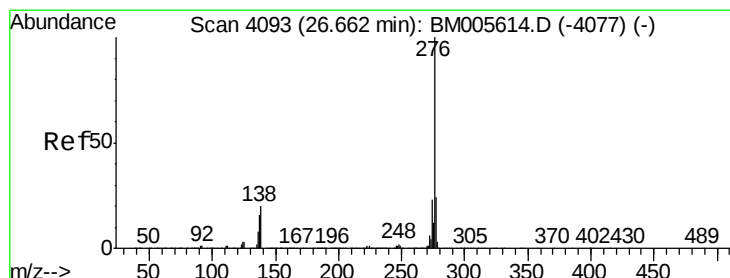
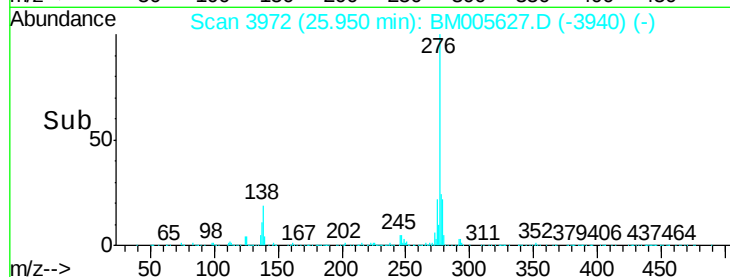
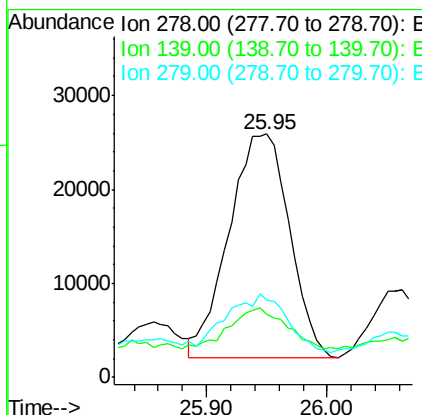
278 100

139 26.1 11.8 17.6#

279 31.7 19.4 29.2#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 7.24 ng/ul

RT: 26.66 min Scan# 4092

Delta R.T. -0.01 min

Lab File: BM005627.D

Acq: 24 May 2016 02:28

Tgt Ion: 276 Resp: 335665

Ion Ratio Lower Upper

276 100

138 21.6 15.0 22.6

277 25.0 18.6 28.0

