

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005571.D
 Acq On : 22 May 2016 03:38
 Operator : UM/SJ
 Sample : H2890-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT4

Manual Integrations
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Quant Time: May 22 05:55:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 05:33:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	129080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	542620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	307412	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	706508	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	741724	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	761310	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7501	2.55	ng/uL	0.00
5) Phenol-d5	6.99	99	183071	17.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	101362	16.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	147466	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	153328	17.68	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	69410	16.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	79122	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	155798	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	90001	10.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	472887	18.84	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	591987	18.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	96442	20.32	ng/ul	0.00
57) Fluorene-d10	15.44	176	478734	21.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	73741	18.15	ng/ul	0.00
70) Anthracene-d10	17.29	188	679241	20.18	ng/ul	0.00
76) Pyrene-d10	19.59	212	742287	22.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	705428	19.84	ng/ul	0.02

Target Compounds

					Qvalue
4) Benzaldehyde	6.97	77	8650	1.26 ng/ul	92
14) Acetophenone	8.64	105	17925	1.37 ng/ul	94
28) Naphthalene	10.66	128	42416	1.56 ng/ul	100
34) 2-Methylnaphthalene	12.27	142	38037	1.91 ng/ul	100
44) Dimethylphthalate	13.91	163	370339	14.94 ng/ul	100
69) Phenanthrene	17.24	178	241208	6.11 ng/ul	99
72) Carbazole	17.60	167	40059	1.15 ng/ul	97
73) Di-n-butylphthalate	18.16	149	420761	9.93 ng/ul	100
74) Fluoranthene	19.25	202	534875	12.03 ng/ul	98
77) Pyrene	19.62	202	439559	10.31 ng/ul	99
80) Benzo(a)anthracene	21.36	228	201096	4.61 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.29	149	179988	7.09 ng/ul	99
82) Chrysene	21.41	228	275590	6.64 ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	413577	9.21 ng/ul#	94
86) Benzo(k)fluoranthene	23.01	252	113527m	2.67 ng/ul	
88) Benzo(a)pyrene	23.56	252	231379	5.31 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.97	276	196295	3.79 ng/ul	99
90) Dibenzo(a,h)anthracene	25.98	278	46224	1.07 ng/ul#	80
91) Benzo(g,h,i)perylene	26.69	276	182858	4.20 ng/ul	96

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

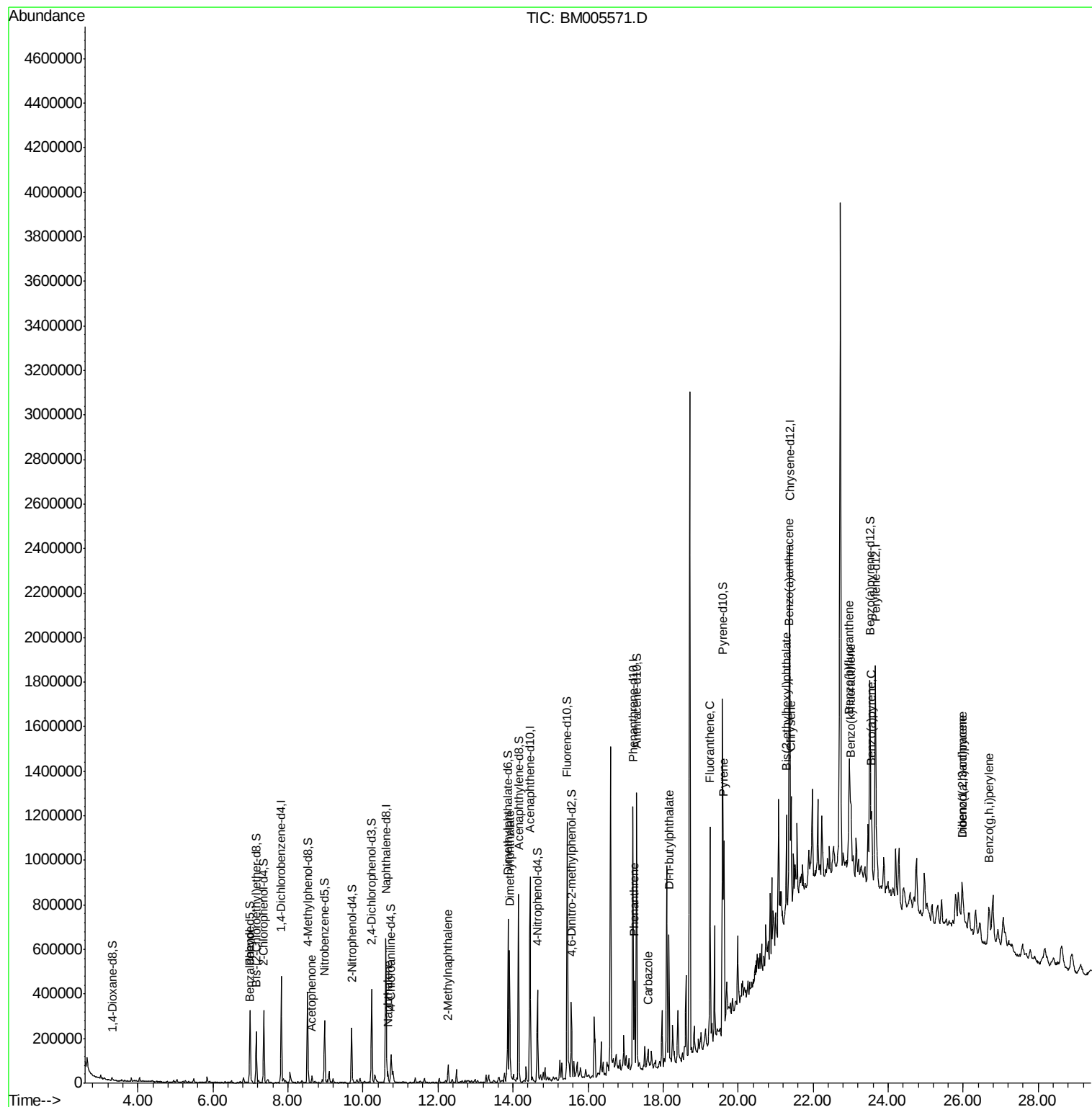
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

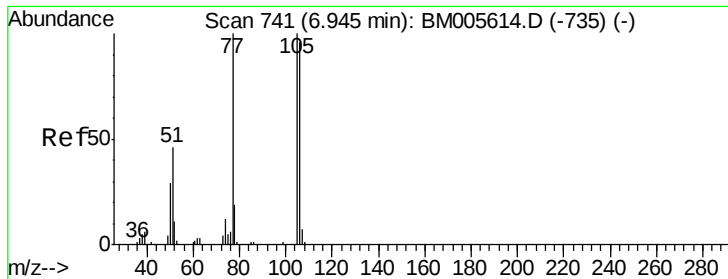
Instrument :
BNA_M
ClientSampleId :
D9WT4

Quant Time: May 22 05:55:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.26 ng/ul

RT: 6.97 min Scan# 745

Delta R.T. 0.01 min

Lab File: BM005571.D

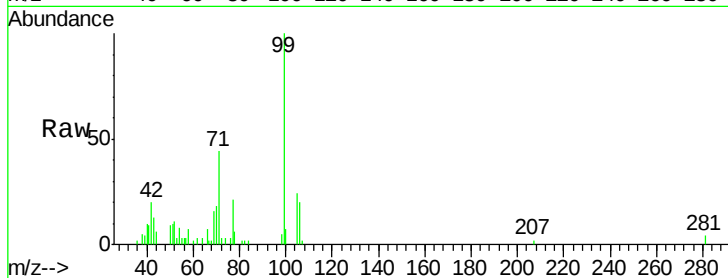
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Instrument :

BNA_M

ClientSampleId :

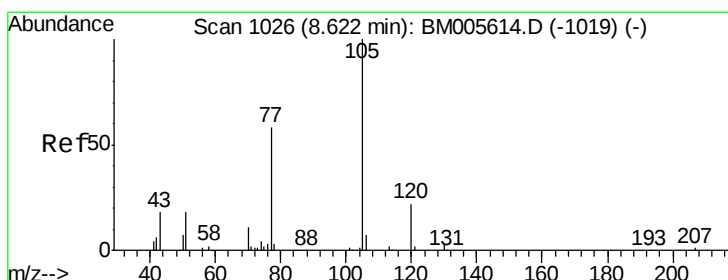
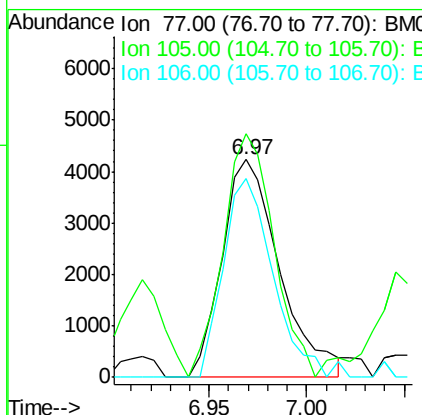
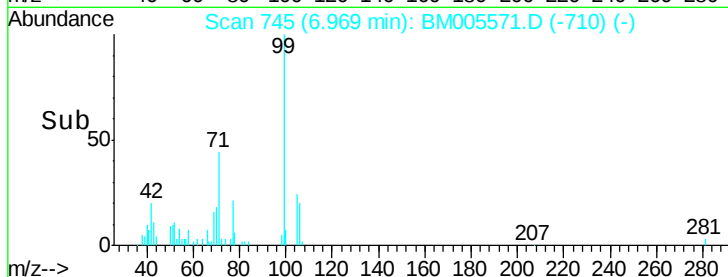
D9WT4



Tgt Ion:	77	Resp:	8650
Ion Ratio	Lower	Upper	
77	100		
105	112.0	79.3	118.9
106	91.4	75.2	112.8

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#14

Acetophenone

Concen: 1.37 ng/ul

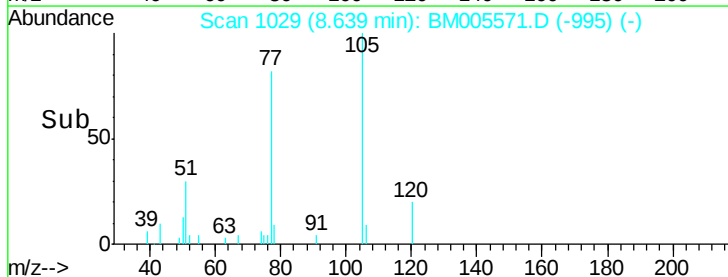
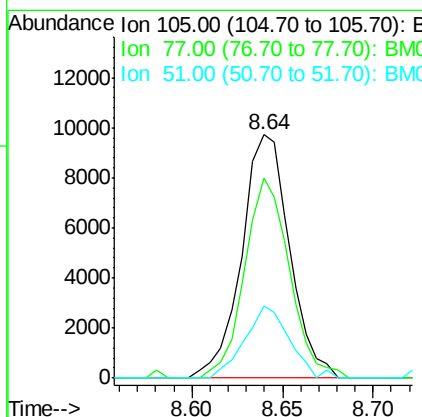
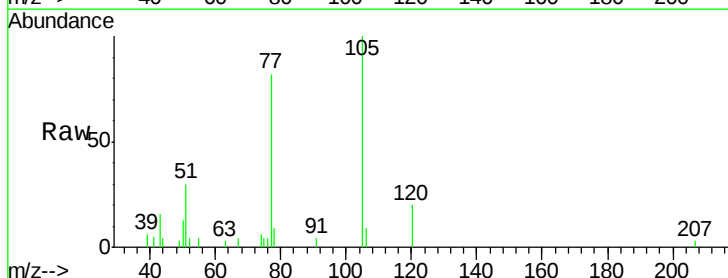
RT: 8.64 min Scan# 1029

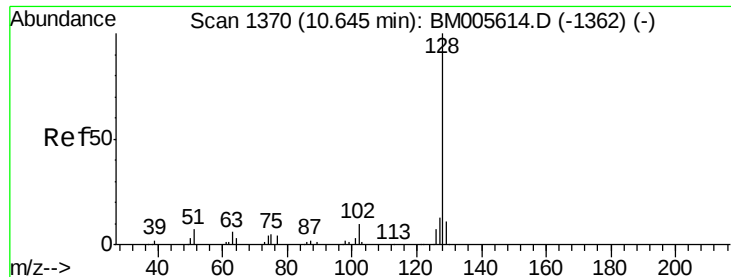
Delta R.T. -0.00 min

Lab File: BM005571.D

Acq: 22 May 2016 03:38

Tgt Ion:	105	Resp:	17925
Ion Ratio	Lower	Upper	
105	100		
77	82.0	60.8	91.2
51	29.7	22.2	33.2





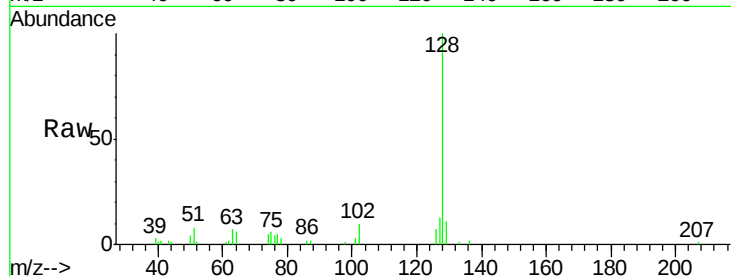
#28
Naphthalene
Concen: 1.56 ng/ul
RT: 10.66 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Instrument :
BNA_M
ClientSampleId :
D9WT4

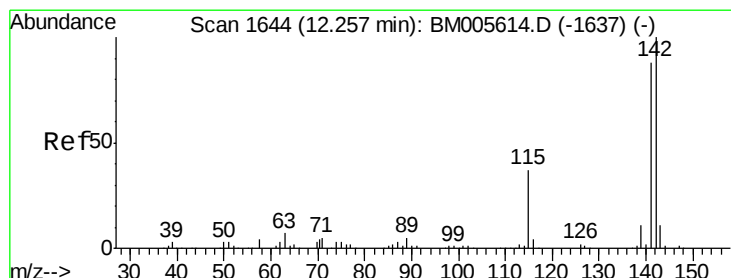
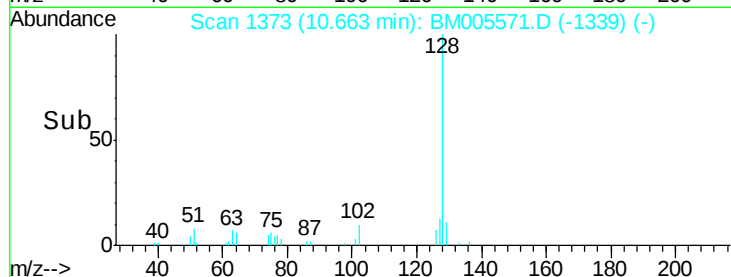
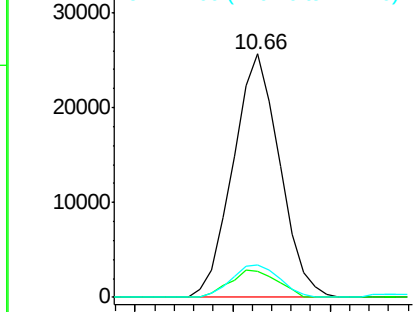
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.5	10.6	15.8

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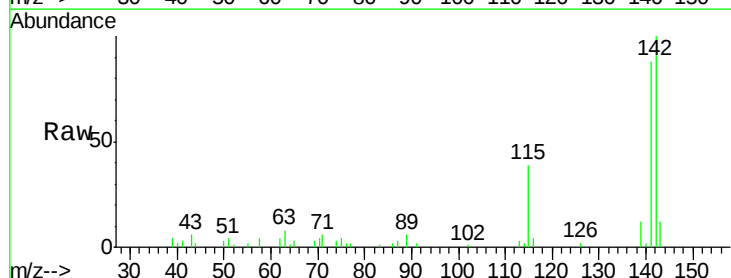


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

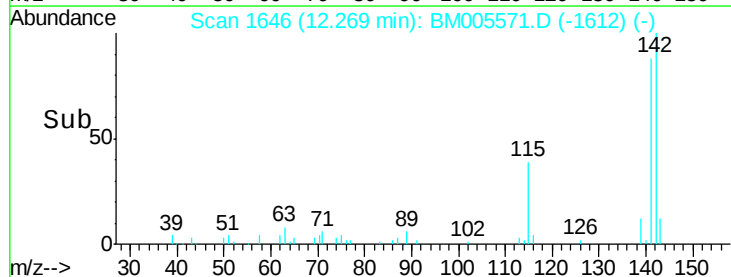
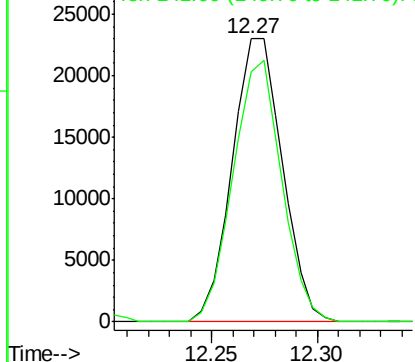


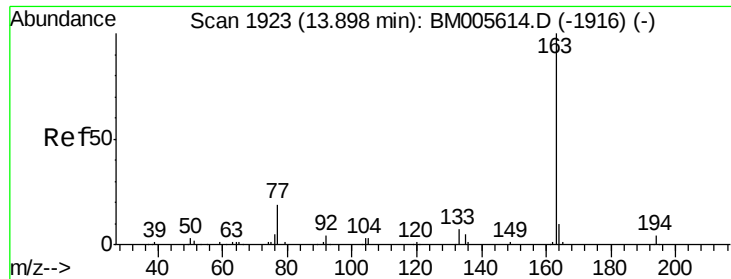
#34
2-Methylnaphthalene
Concen: 1.91 ng/ul
RT: 12.27 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	106.0



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





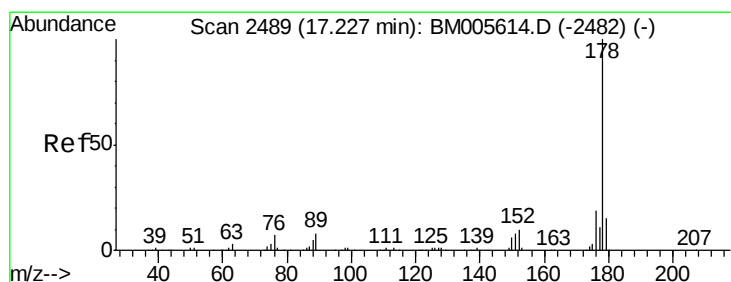
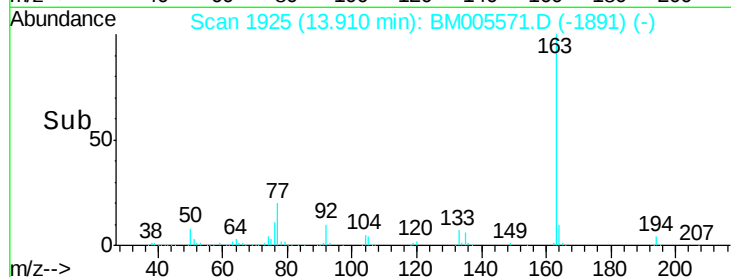
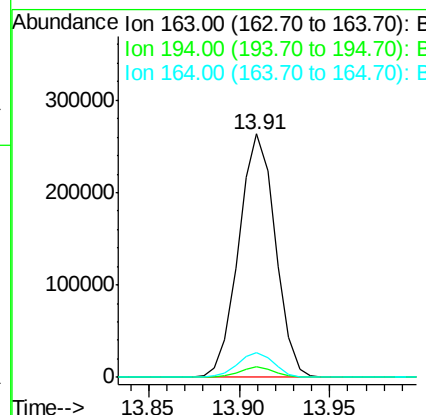
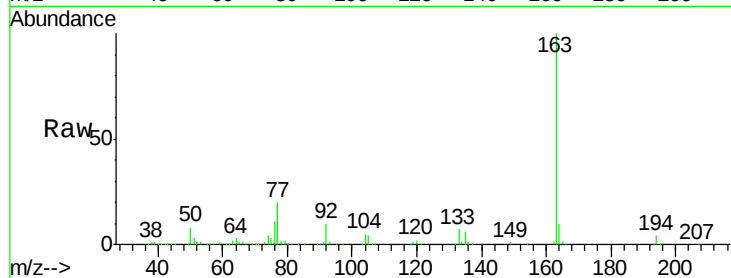
#44
Dimethylphthalate
Concen: 14.94 ng/ul
RT: 13.91 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Instrument :
BNA_M
ClientSampleId :
D9WT4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	370339		
194	4.2		3.4	5.0
164	9.9		8.0	12.0

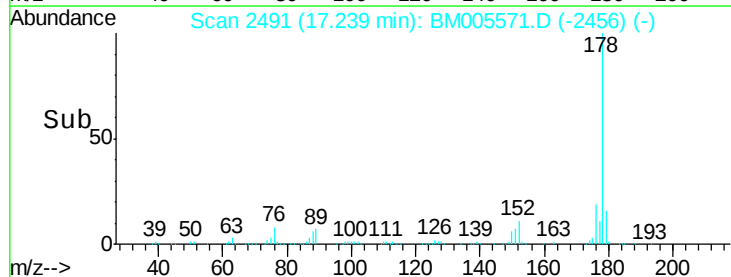
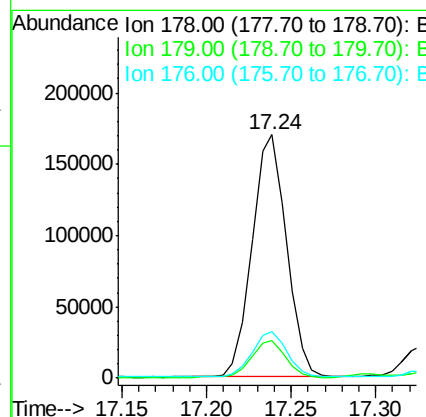
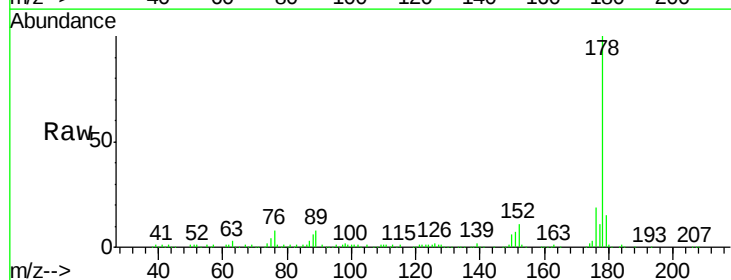
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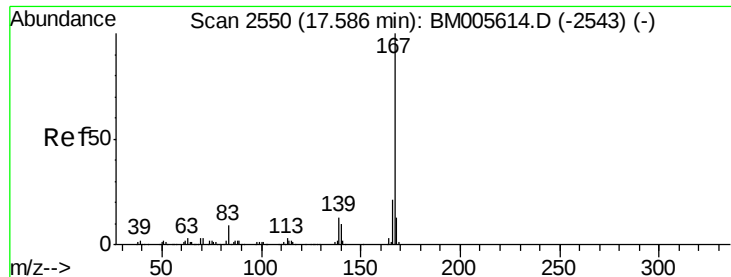
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#69
Phenanthrene
Concen: 6.11 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	241208		
179	15.5		12.2	18.2
176	19.2		15.8	23.6





#72

Carbazole

Concen: 1.15 ng/ul

RT: 17.60 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BM005571.D

Acq: 22 May 2016 03:38

Instrument :

BNA_M

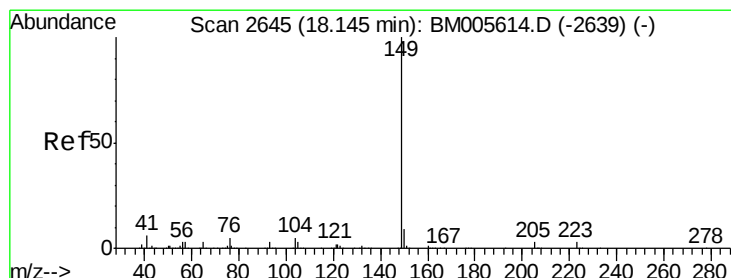
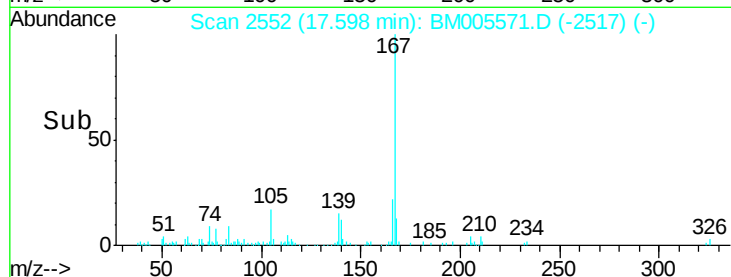
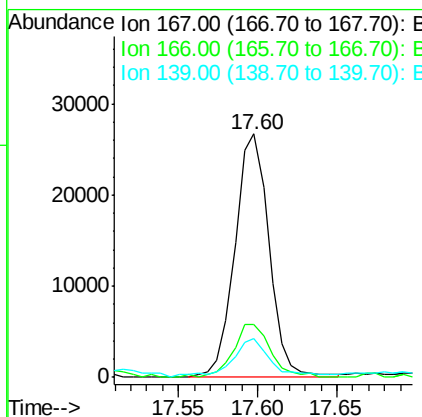
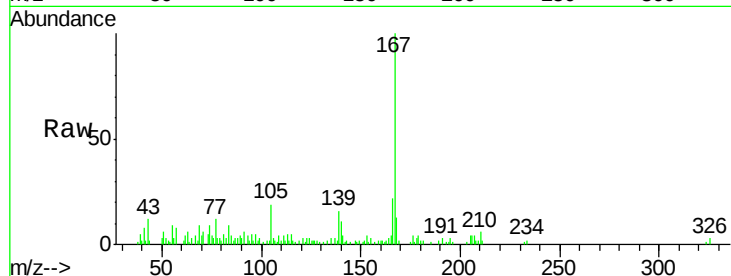
ClientSampleId :

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Tgt Ion:	167	Resp:	40059
Ion Ratio	Lower	Upper	
167	100		
166	21.8	16.9	25.3
139	15.8	10.6	16.0

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#73

Di-n-butylphthalate

Concen: 9.93 ng/ul

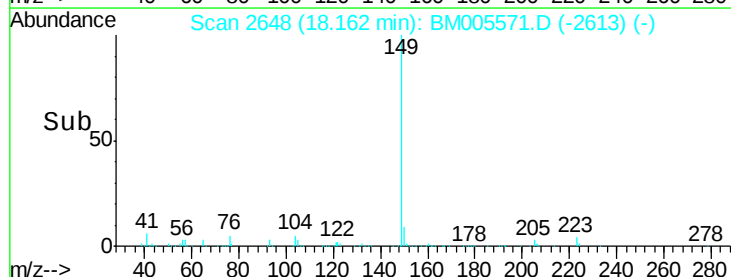
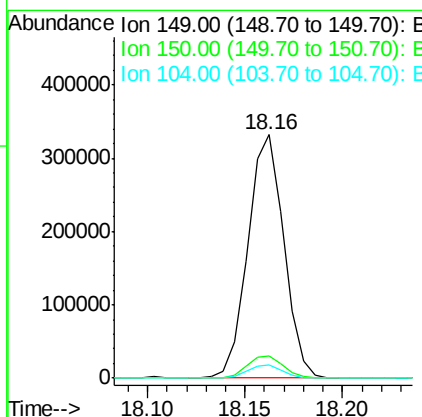
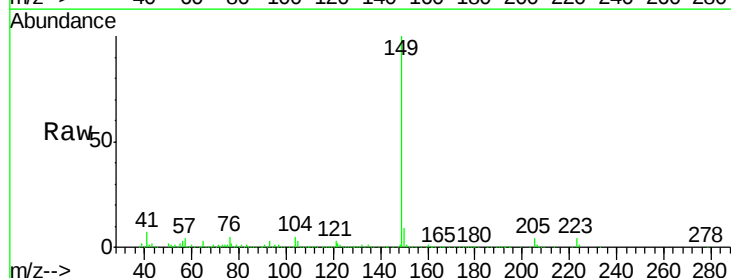
RT: 18.16 min Scan# 2648

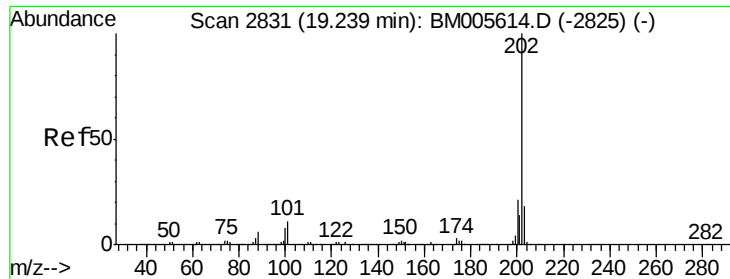
Delta R.T. 0.01 min

Lab File: BM005571.D

Acq: 22 May 2016 03:38

Tgt Ion:	149	Resp:	420761
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	5.2	4.4	6.6





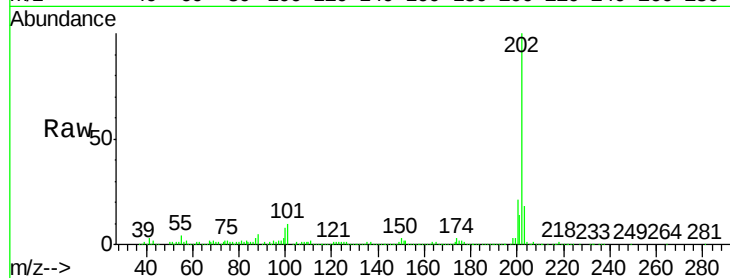
#74
 Fluoranthene
 Concen: 12.03 ng/ul
 RT: 19.25 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM005571.D
 Acq: 22 May 2016 03:38

Instrument :
 BNA_M
 ClientSampleId :
 D9WT4

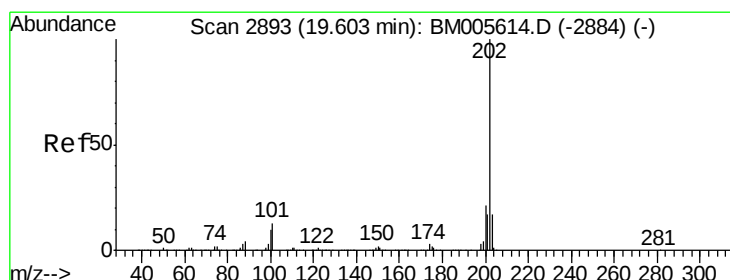
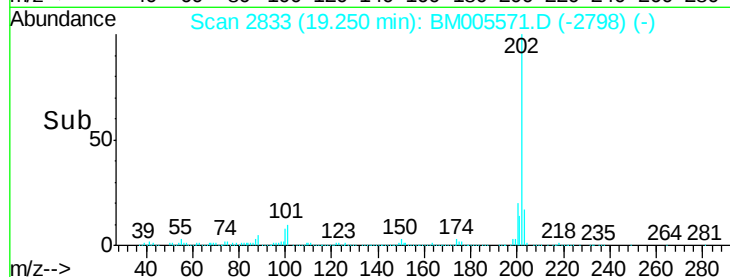
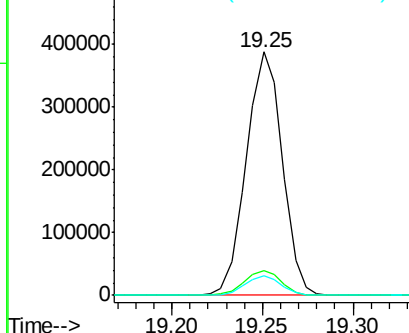
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	534875		
101	10.4	7.9	11.9	
100	7.9	5.6	8.4	

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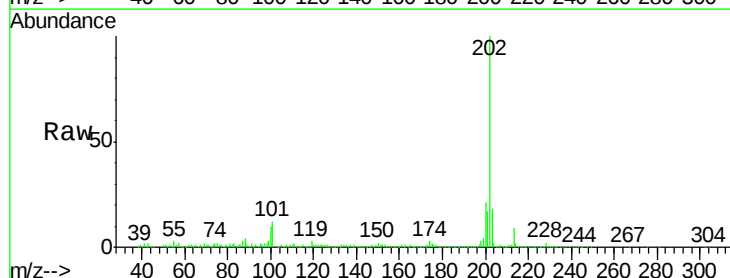


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

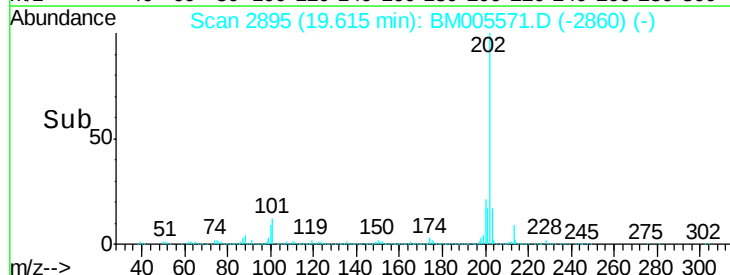
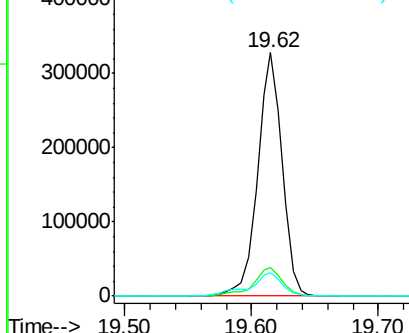


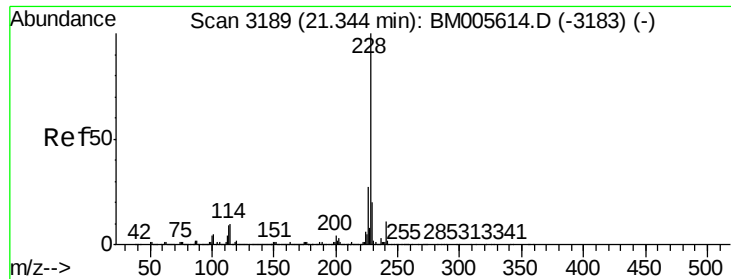
#77
 Pyrene
 Concen: 10.31 ng/ul
 RT: 19.62 min Scan# 2895
 Delta R.T. 0.01 min
 Lab File: BM005571.D
 Acq: 22 May 2016 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	439559		
101	11.7	9.6	14.4	
100	9.5	7.8	11.6	



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





#80

Benzo(a)anthracene

Concen: 4.61 ng/ul

RT: 21.36 min Scan# 3191

Delta R.T. 0.01 min

Lab File: BM005571.D

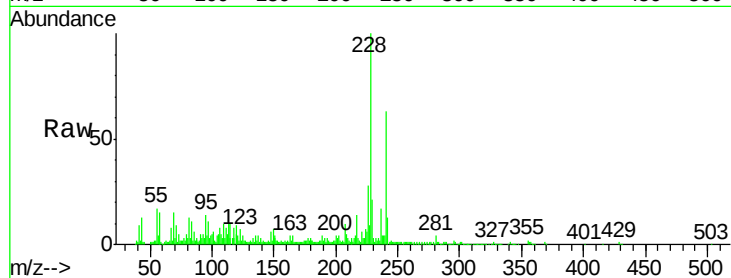
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Instrument :

BNA_M

ClientSampleId :

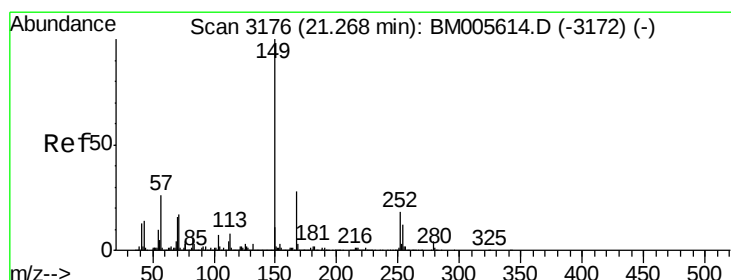
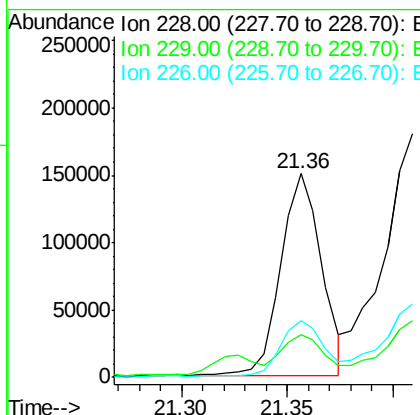
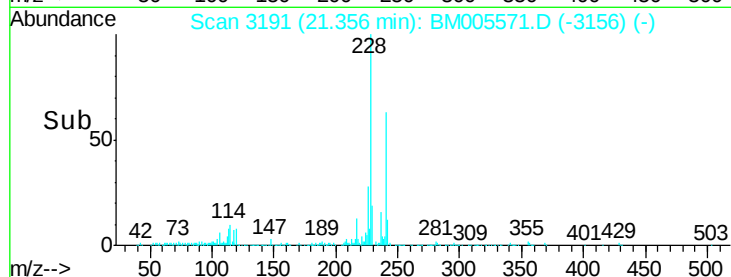
D9WT4



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	201096		
229	21.1	15.4	23.2	
226	28.1	21.0	31.4	

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#81

Bis(2-ethylhexyl)phthalate

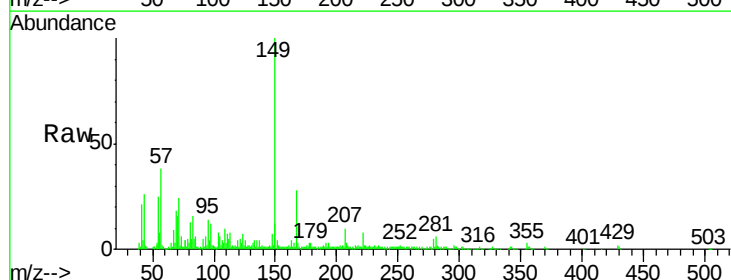
Concen: 7.09 ng/ul

RT: 21.29 min Scan# 3179

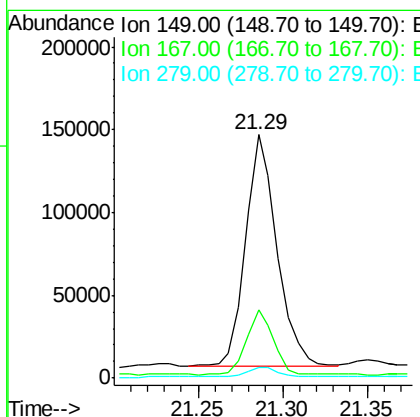
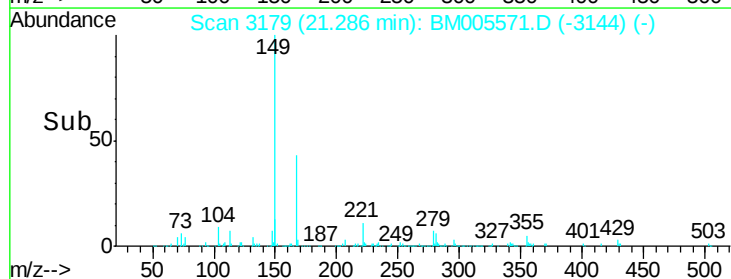
Delta R.T. 0.01 min

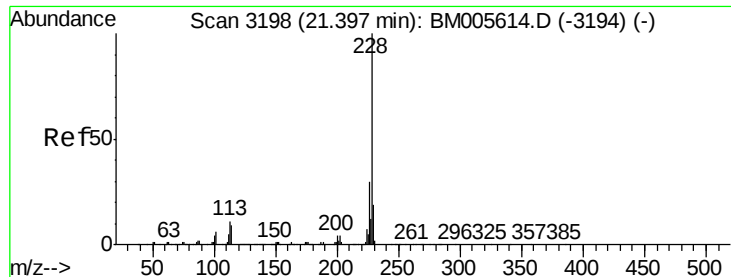
Lab File: BM005571.D

Acq: 22 May 2016 03:38



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	179988		
167	27.9	22.0	33.0	
279	4.5	3.8	5.8	





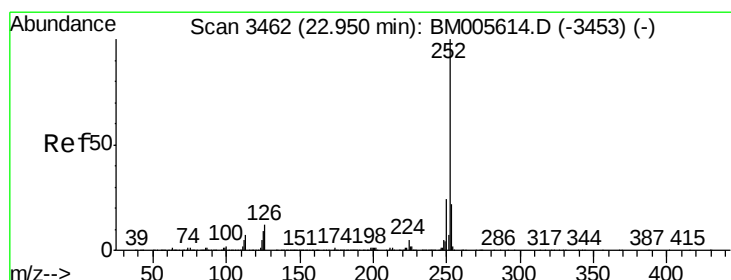
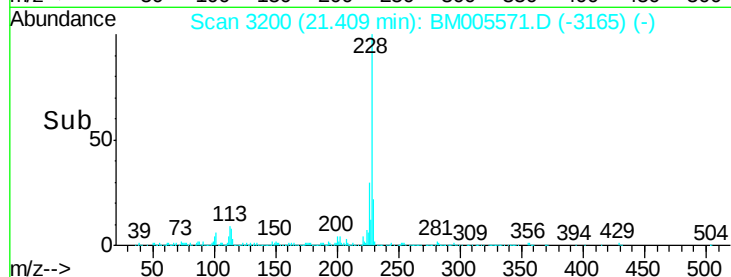
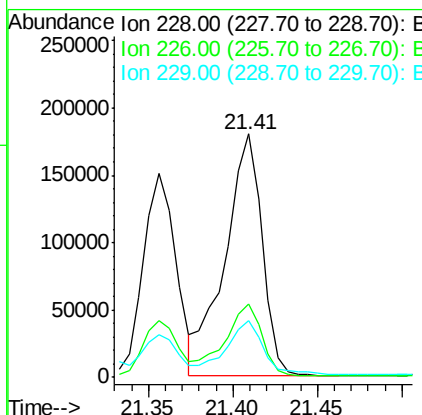
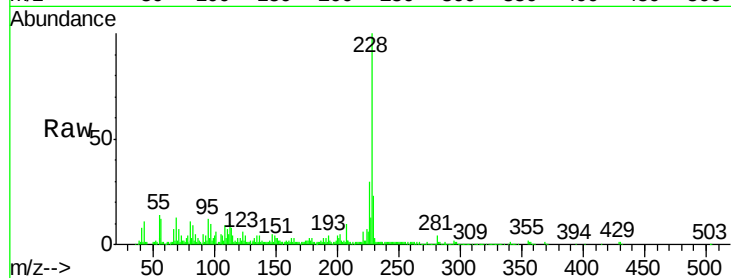
#82
Chrysene
Concen: 6.64 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. 0.01 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Instrument :
BNA_M
ClientSampleId :
D9WT4

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	23.7	35.5
229	23.1	15.5	23.3

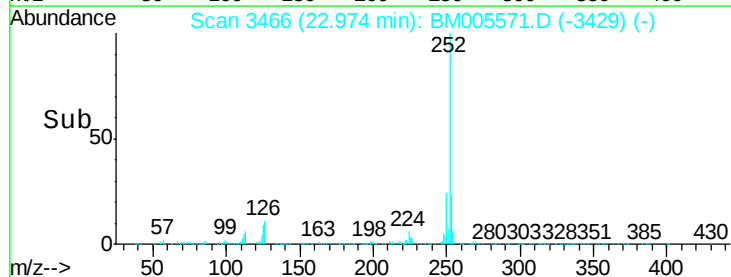
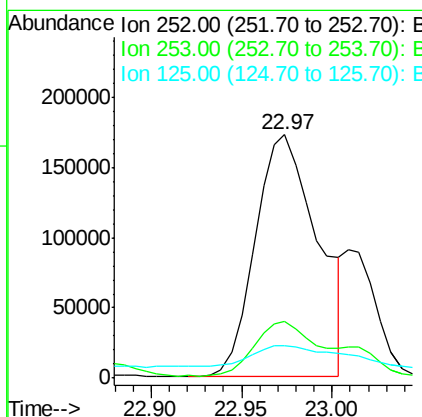
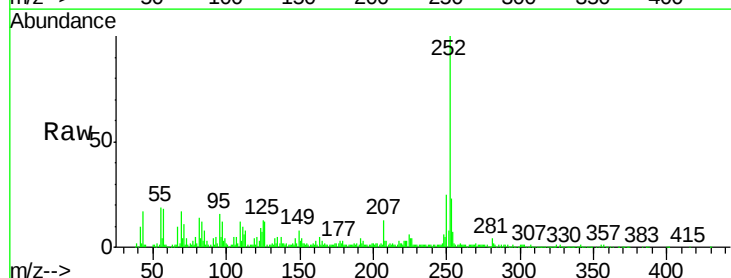
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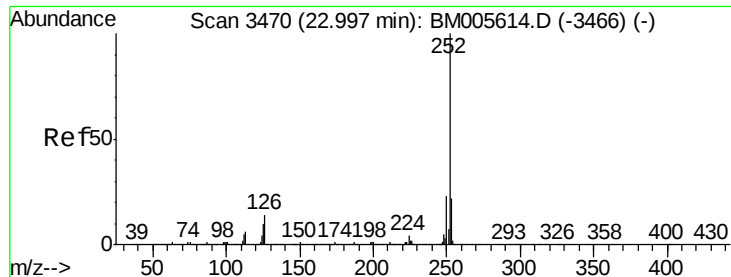
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#85
Benzo(b)fluoranthene
Concen: 9.21 ng/ul
RT: 22.97 min Scan# 3466
Delta R.T. 0.02 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	17.3	25.9
125	13.3	7.0	10.4





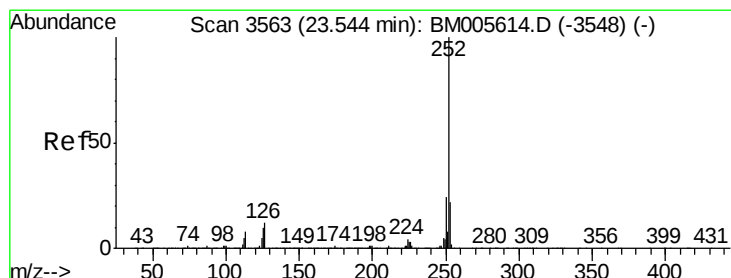
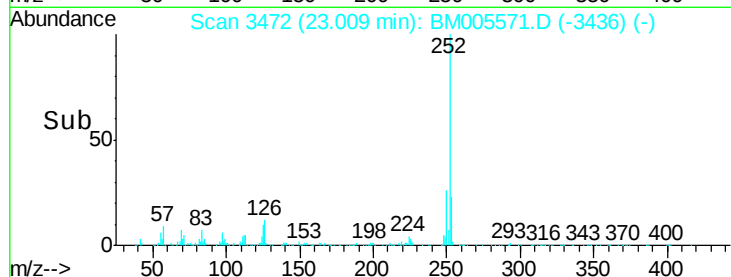
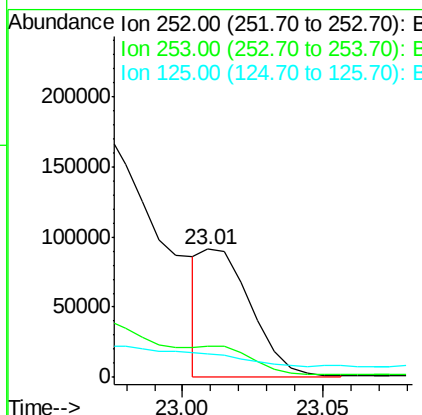
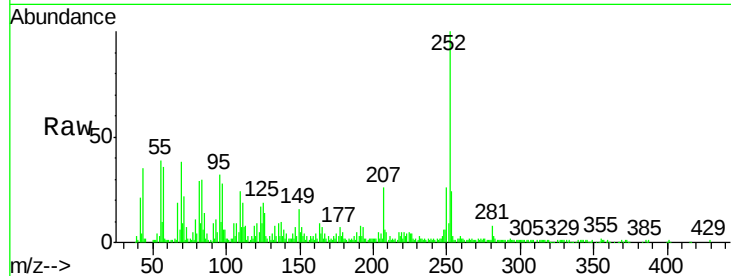
#86
Benzo(k)fluoranthene
Concen: 2.67 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Instrument :
BNA_M
ClientSampleId :
D9WT4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	113527		
253	24.4	17.5	26.3	
125	18.6	7.0	10.6	#

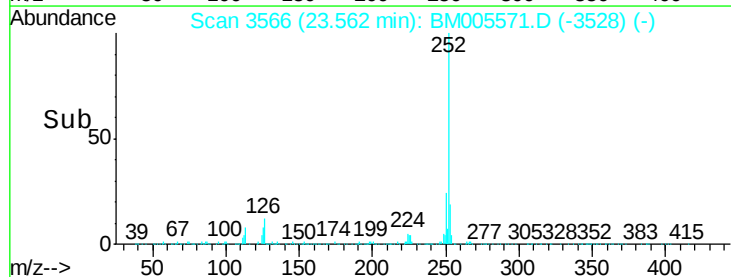
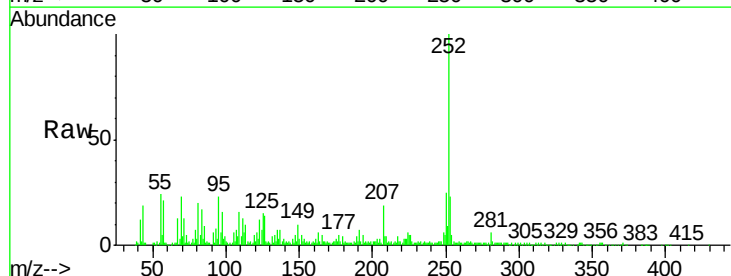
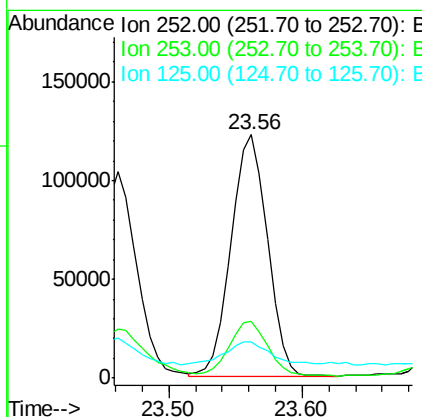
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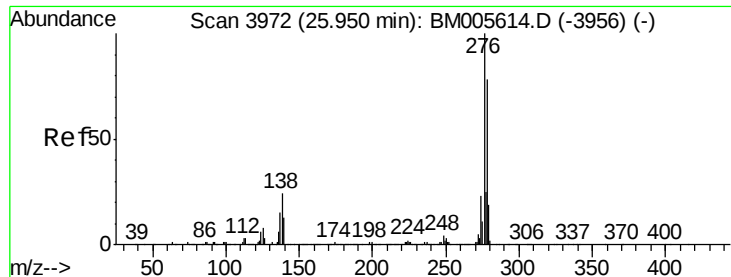
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#88
Benzo(a)pyrene
Concen: 5.31 ng/ul
RT: 23.56 min Scan# 3566
Delta R.T. 0.02 min
Lab File: BM005571.D
Acq: 22 May 2016 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	231379		
253	23.3	17.6	26.4	
125	14.7	7.6	11.4	#





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.79 ng/ul

RT: 25.97 min Scan# 3976

Delta R.T. 0.04 min

Lab File: BM005571.D

Acq: 22 May 2016 03:38

Instrument :

BNA_M

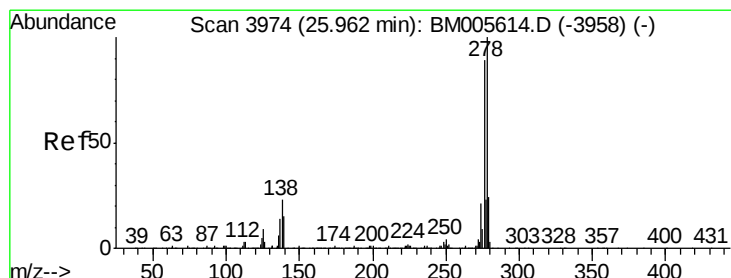
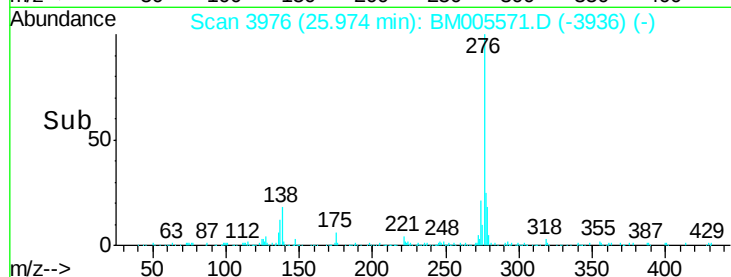
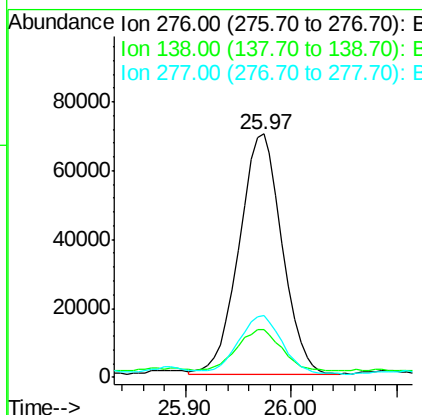
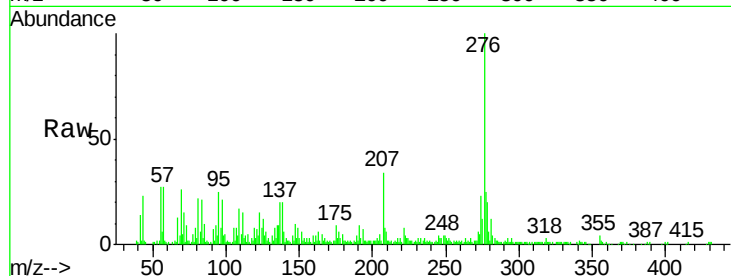
ClientSampleId :

D9WT4

Tgt Ion:	276	Resp:	196295
Ion Ratio		Lower	Upper
276	100		
138	19.8	16.9	25.3
277	25.4	20.2	30.4

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#90

Dibenzo(a,h)anthracene

Concen: 1.07 ng/ul

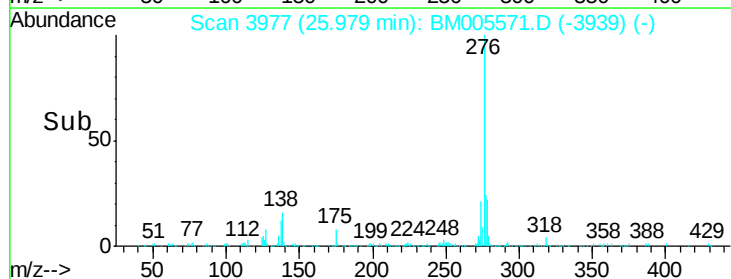
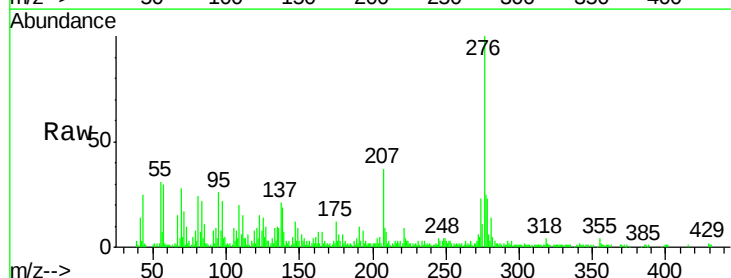
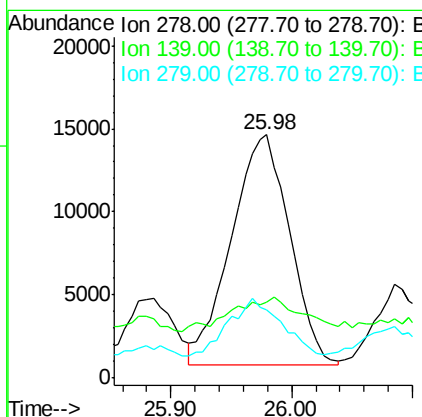
RT: 25.98 min Scan# 3977

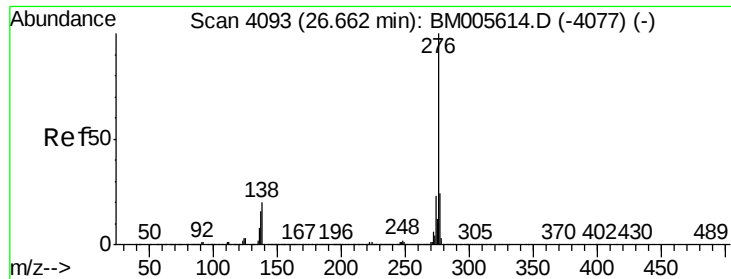
Delta R.T. 0.02 min

Lab File: BM005571.D

Acq: 22 May 2016 03:38

Tgt Ion:	278	Resp:	46224
Ion Ratio		Lower	Upper
278	100		
139	31.3	11.8	17.6#
279	28.1	19.4	29.2





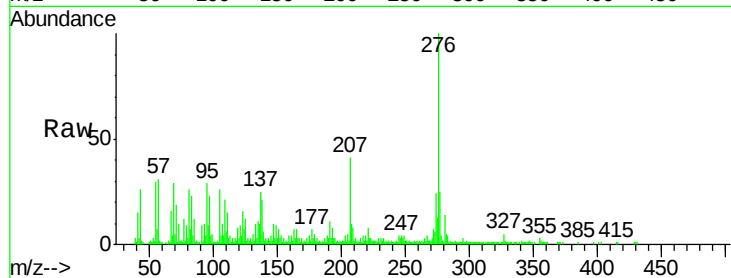
#91
 Benzo(g,h,i)perylene
 Concen: 4.20 ng/ul
 RT: 26.69 min Scan# 4097
 Delta R.T. 0.04 min
 Lab File: BM005571.D
 Acq: 22 May 2016 03:38

Instrument :
 BNA_M
 ClientSampleId :
 D9WT4

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		182858		
138	20.7	15.0	22.6		
277	25.3	18.6	28.0		

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

