

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005577.D
 Acq On : 22 May 2016 07:15
 Operator : UM/SJ
 Sample : H2890-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT8

Manual Integrations
 APPROVED

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Quant Time: May 23 08:01:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	152528	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	644859	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	364253	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	790919	20.00	ng/ul	0.01
75) Chrysene-d12	21.39	240	819927	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	870196	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6806	1.95	ng/uL	0.02
5) Phenol-d5	7.00	99	152484	12.20	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	96586	13.33	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	134664	12.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	117627	11.48	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	68019	13.80	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	72190	13.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	126731	12.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	7054	0.69	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	382110	12.85	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	495660	13.33	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	30613	5.44	ng/ul	0.01
57) Fluorene-d10	15.45	176	340927	13.18	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	38166	8.39	ng/ul	0.01
70) Anthracene-d10	17.30	188	492588	13.07	ng/ul	0.01
76) Pyrene-d10	19.59	212	535030	14.41	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	519243	12.78	ng/ul	0.03

Target Compounds

						Qvalue
4) Benzaldehyde	6.97	77	58323	7.19	ng/ul	98
44) Dimethylphthalate	13.91	163	138741	4.72	ng/ul	99
69) Phenanthrene	17.24	178	158559	3.59	ng/ul	99
74) Fluoranthene	19.26	202	248898	5.00	ng/ul	98
77) Pyrene	19.62	202	202641	4.30	ng/ul	98
80) Benzo(a)anthracene	21.37	228	113992	2.37	ng/ul	93
82) Chrysene	21.42	228	127512m	2.78	ng/ul	
85) Benzo(b)fluoranthene	22.99	252	174223	3.39	ng/ul#	90
86) Benzo(k)fluoranthene	23.02	252	57398m	1.18	ng/ul	
88) Benzo(a)pyrene	23.57	252	113831	2.29	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.00	276	92527	1.56	ng/ul	99
91) Benzo(g,h,i)perylene	26.71	276	78911	1.59	ng/ul	94

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

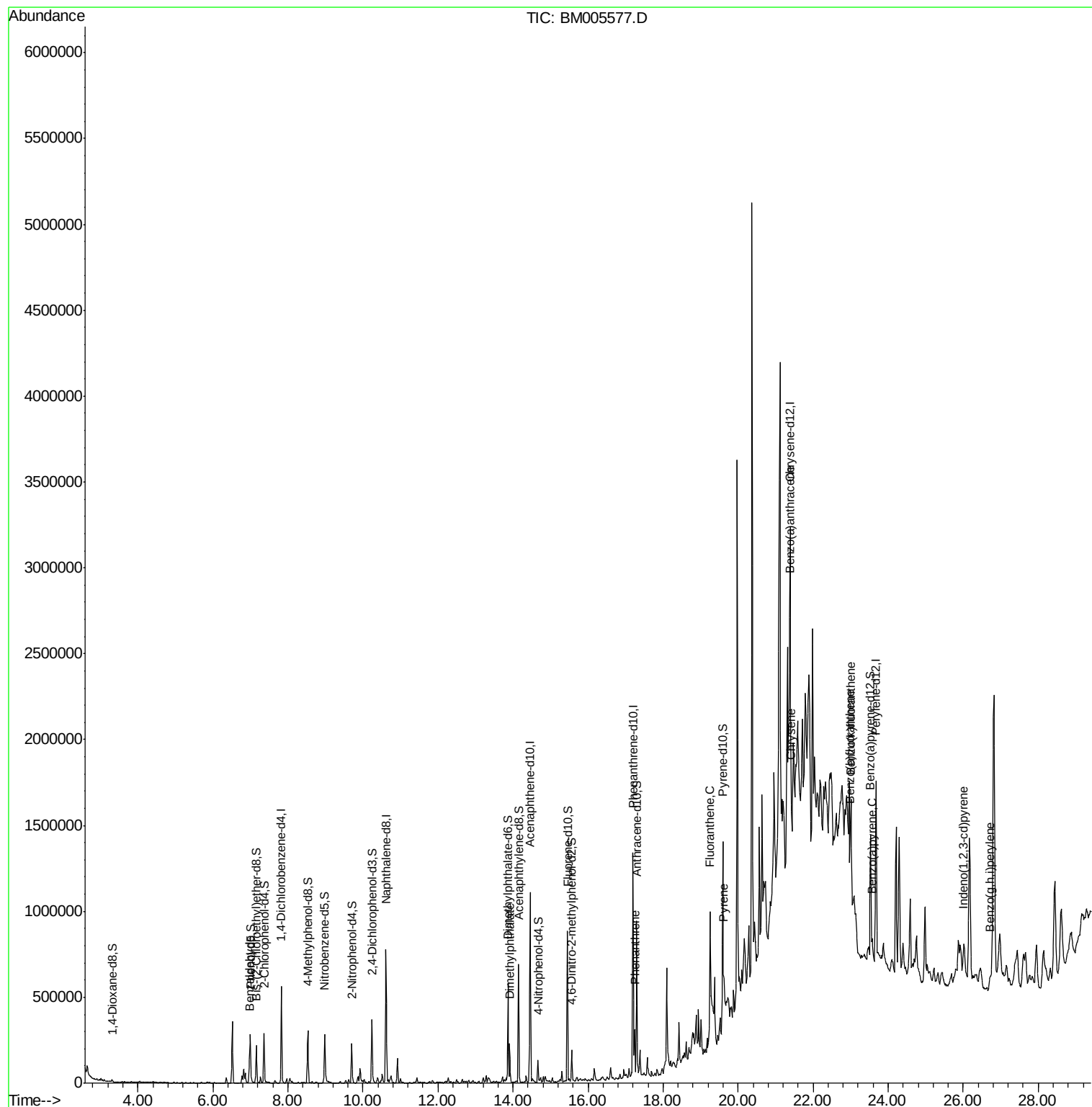
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005577.D
Acq On : 22 May 2016 07:15
Operator : UM/SJ
Sample : H2890-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

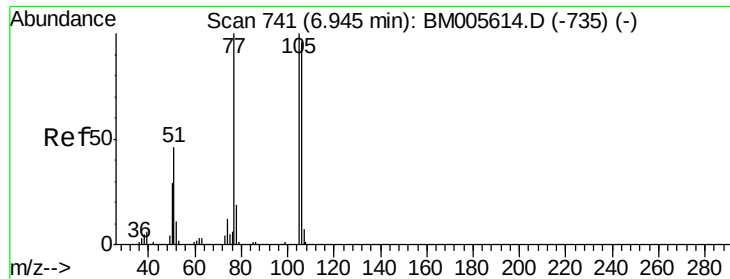
Instrument :
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D9WT8

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Quant Time: May 23 08:01:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 7.19 ng/ul

RT: 6.97 min Scan# 745

Delta R.T. 0.01 min

Lab File: BM005577.D

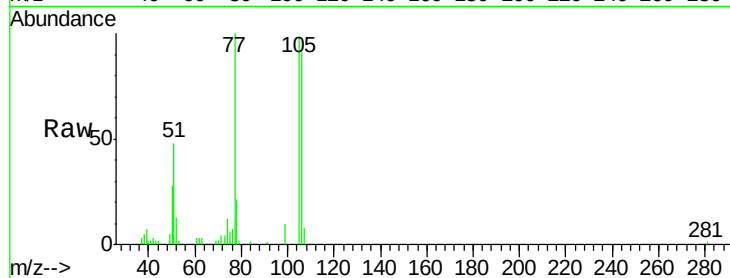
Acq: 22 May 2016 07:15

Instrument :

BNA_M

ClientSampleId :

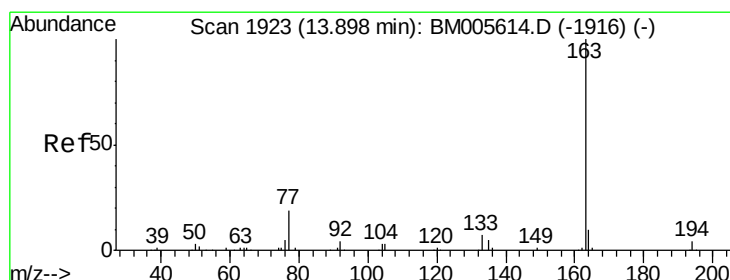
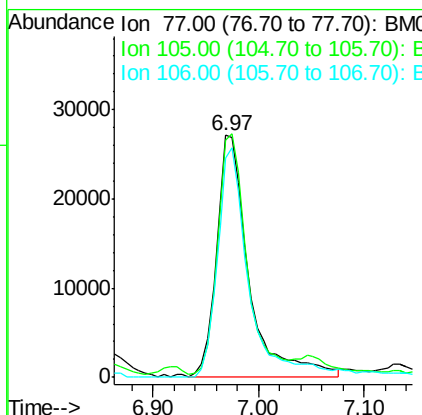
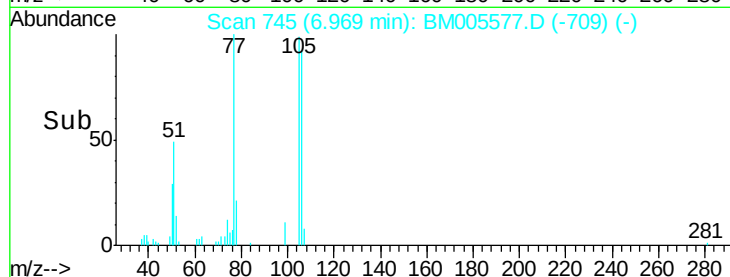
D9WT8



Tgt Ion:	77	Resp:	58323
Ion	Ratio	Lower	Upper
77	100		
105	97.7	79.3	118.9
106	90.8	75.2	112.8

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#44

Dimethylphthalate

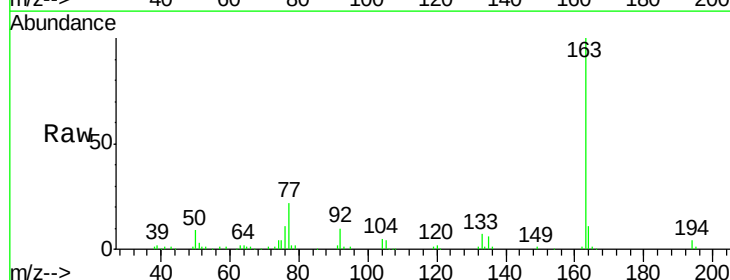
Concen: 4.72 ng/ul

RT: 13.91 min Scan# 1925

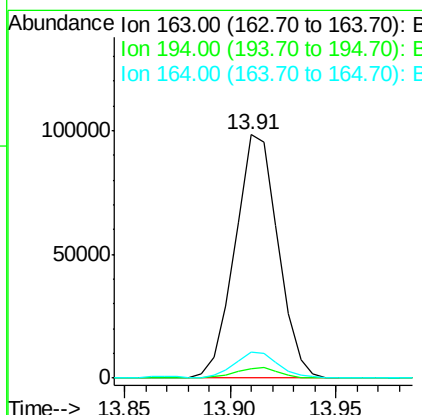
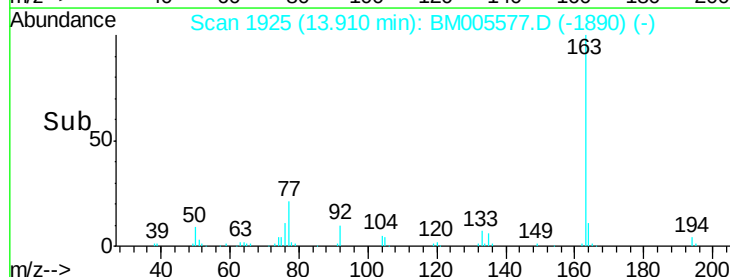
Delta R.T. 0.01 min

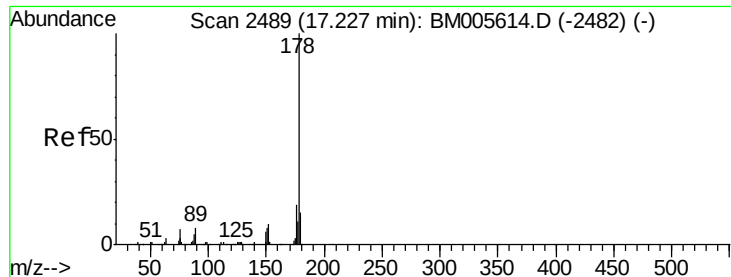
Lab File: BM005577.D

Acq: 22 May 2016 07:15



Tgt Ion:	163	Resp:	138741
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.6	8.0	12.0





#69

Phenanthrene

Concen: 3.59 ng/ul

RT: 17.24 min Scan# 2492

Delta R.T. 0.02 min

Lab File: BM005577.D

Acq: 22 May 2016 07:15

Instrument :

BNA_M

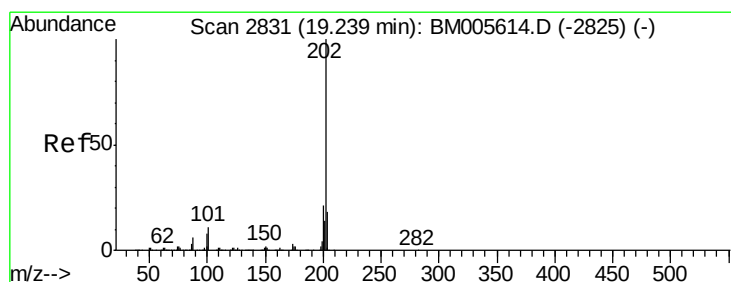
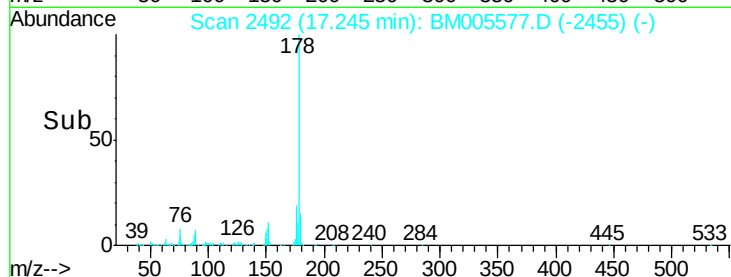
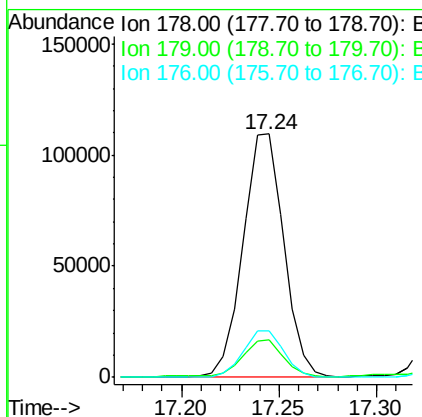
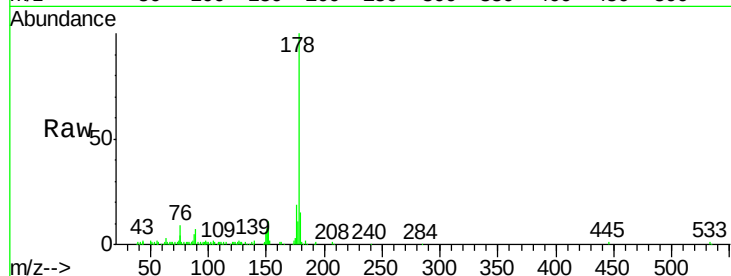
ClientSampleId :

D9WT8

Tgt Ion:	178	Resp:	158559
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.2
176	19.3	15.8	23.6

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#74

Fluoranthene

Concen: 5.00 ng/ul

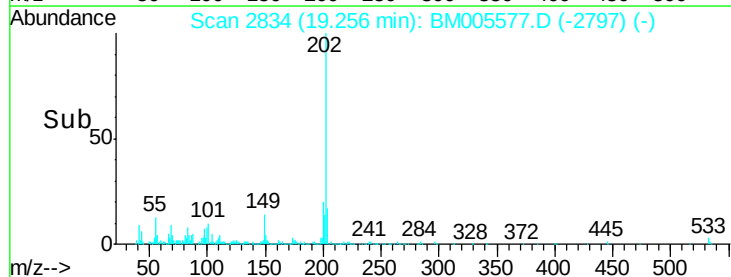
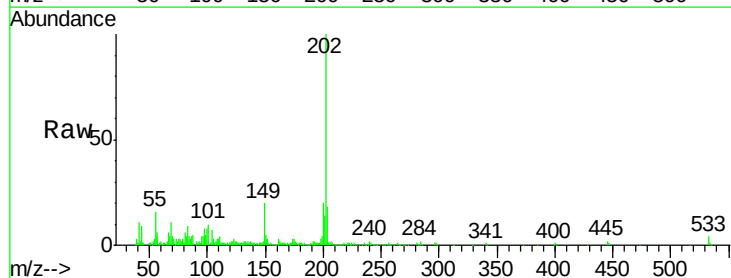
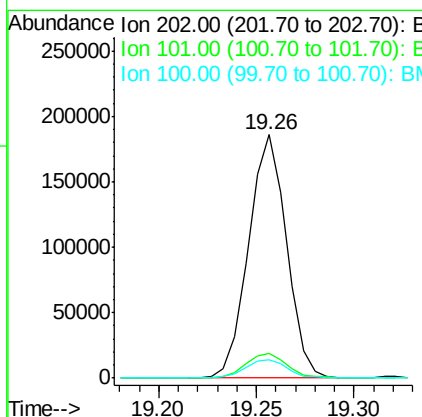
RT: 19.26 min Scan# 2834

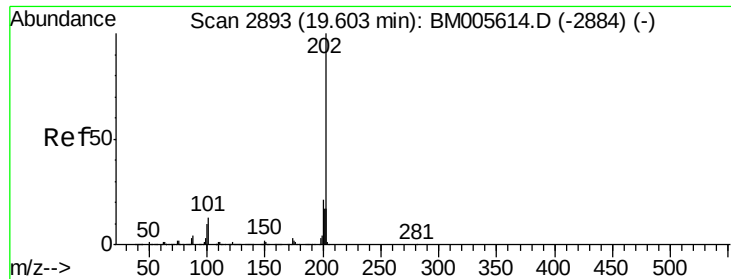
Delta R.T. 0.02 min

Lab File: BM005577.D

Acq: 22 May 2016 07:15

Tgt Ion:	202	Resp:	248898
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.9	11.9
100	7.8	5.6	8.4





#77

Pyrene

Concen: 4.30 ng/ul

RT: 19.62 min Scan# 2896

Delta R.T. 0.02 min

Lab File: BM005577.D

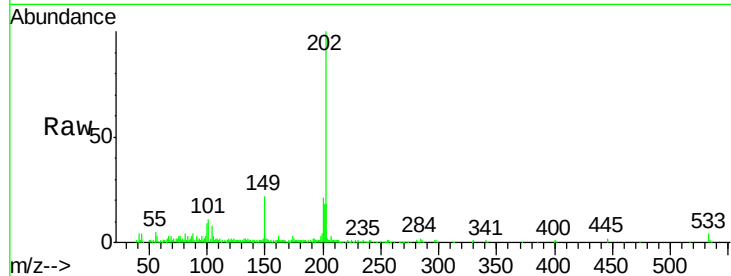
Acq: 22 May 2016 07:15

Instrument :

BNA_M

ClientSampleId :

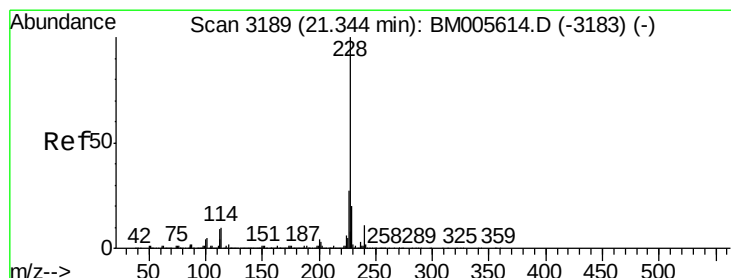
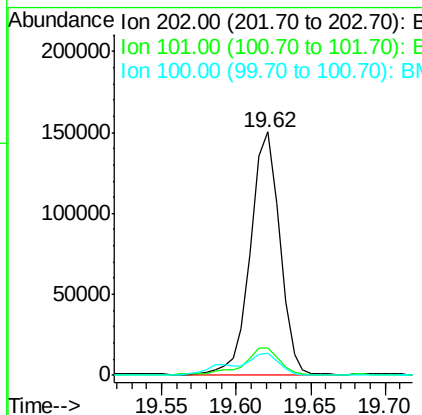
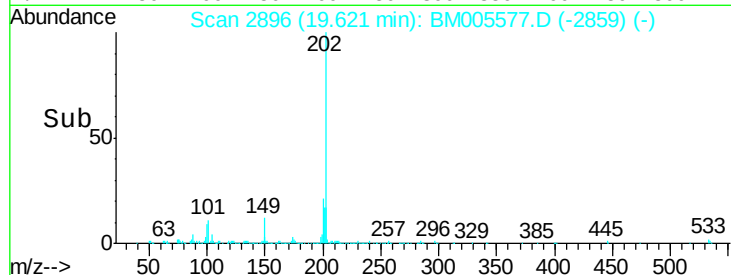
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	9.6	14.4
100	9.2	7.8	11.6

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#80

Benzo(a)anthracene

Concen: 2.37 ng/ul

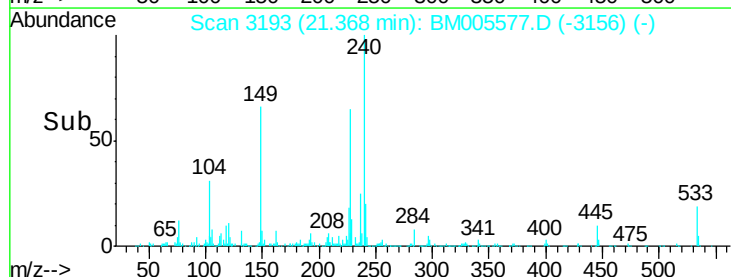
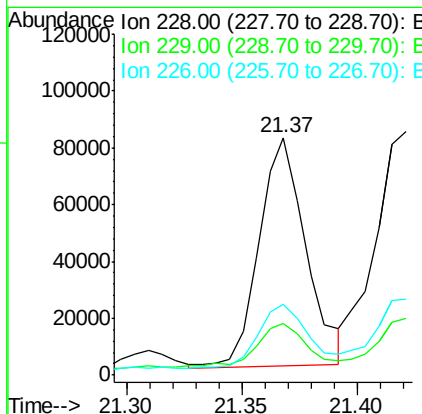
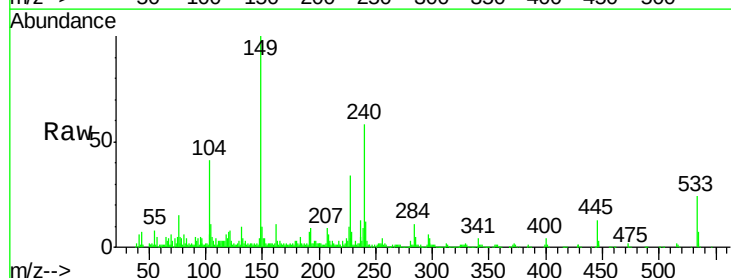
RT: 21.37 min Scan# 3193

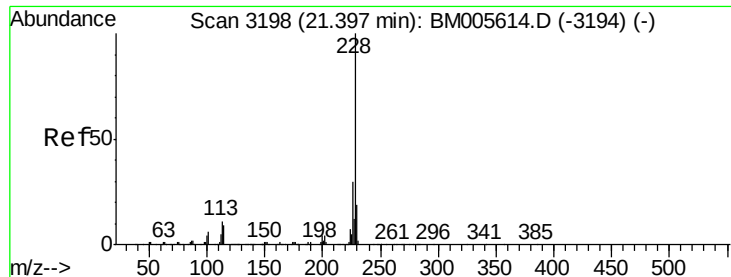
Delta R.T. 0.02 min

Lab File: BM005577.D

Acq: 22 May 2016 07:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	15.4	23.2
226	30.1	21.0	31.4





#82

Chrysene

Concen: 2.78 ng/ul m

RT: 21.42 min Scan# 3202

Delta R.T. 0.02 min

Lab File: BM005577.D

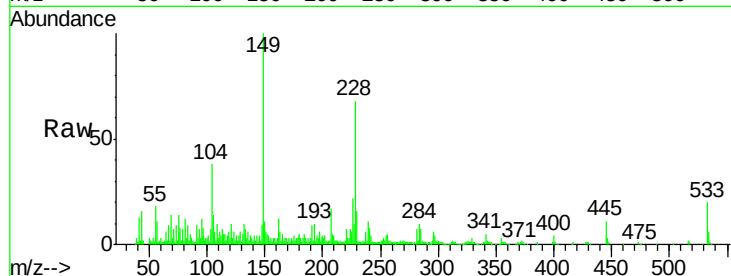
Acq: 22 May 2016 07:15

Instrument :

BNA_M

ClientSampled :

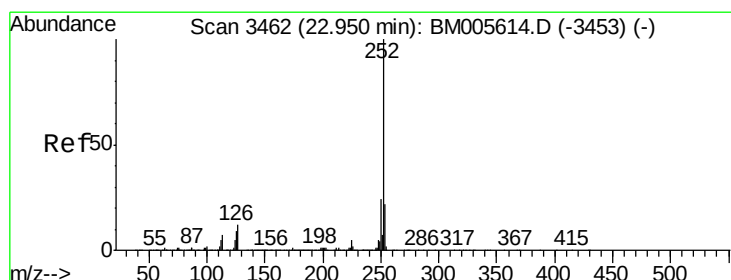
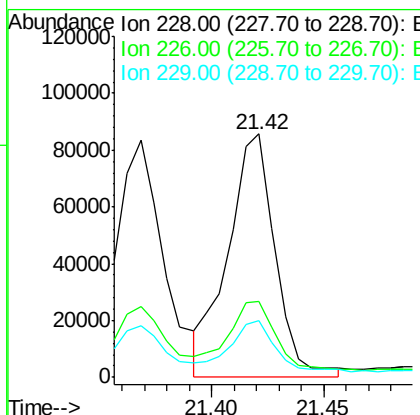
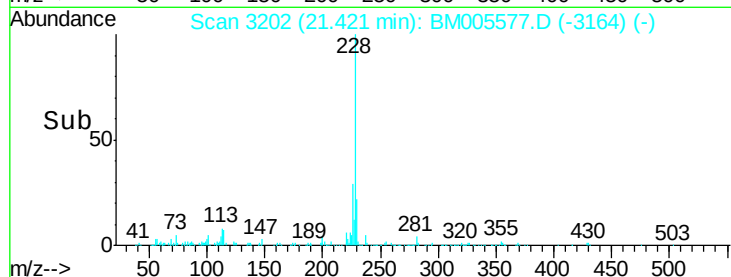
D9WT8



Tgt Ion:	228	Resp:	127512
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.7	35.5
229	23.5	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 3.39 ng/ul

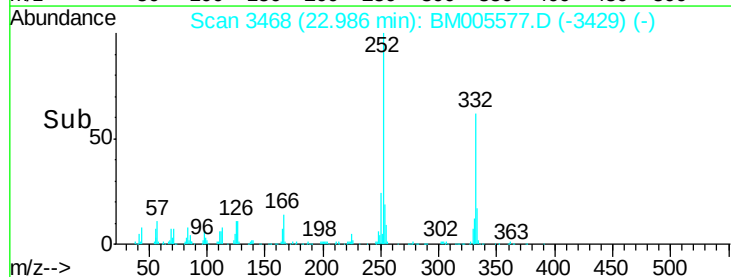
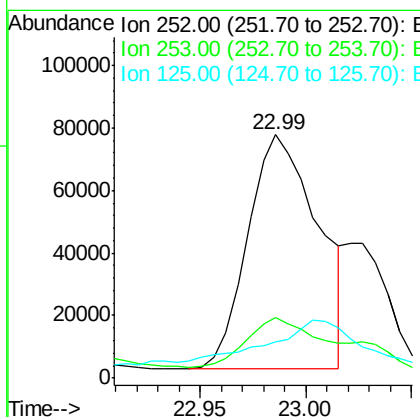
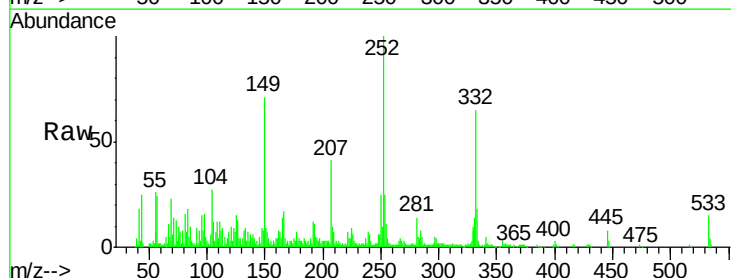
RT: 22.99 min Scan# 3468

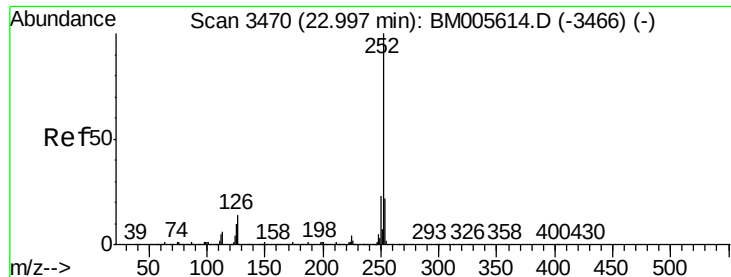
Delta R.T. 0.03 min

Lab File: BM005577.D

Acq: 22 May 2016 07:15

Tgt Ion:	252	Resp:	174223
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.3	25.9
125	14.9	7.0	10.4#





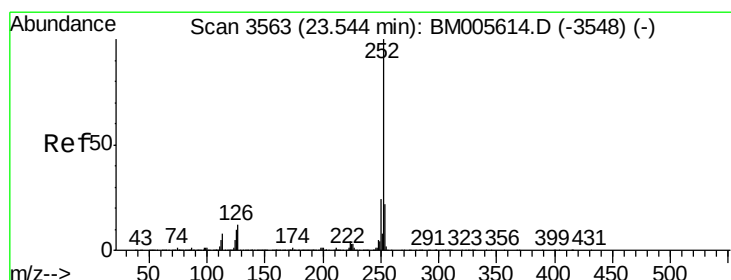
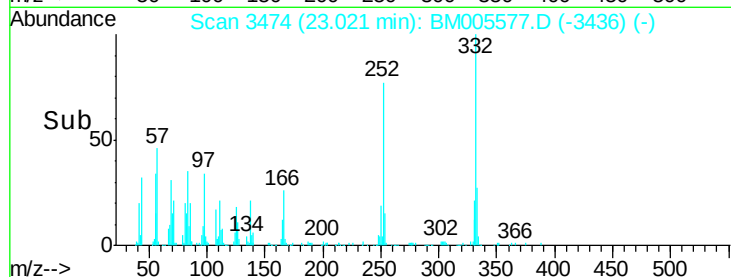
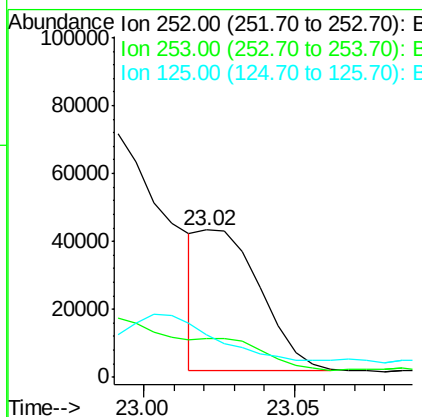
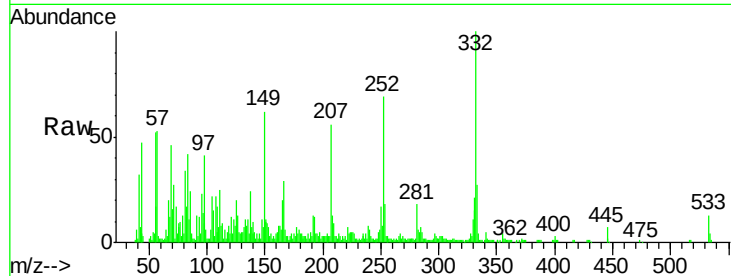
#86
Benzo(k)fluoranthene
Concen: 1.18 ng/ul m
RT: 23.02 min Scan# 3474
Delta R.T. 0.02 min
Lab File: BM005577.D
Acq: 22 May 2016 07:15

Instrument :
BNA_M
ClientSampled :
D9WT8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	29.0	7.0	10.6#

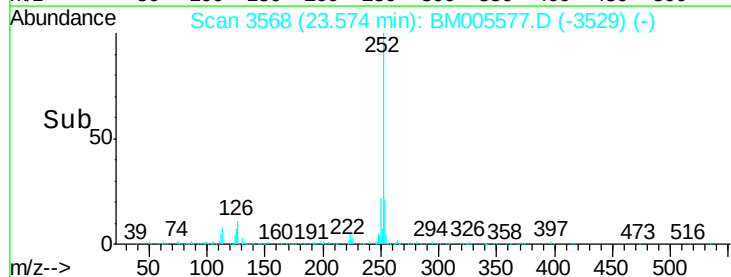
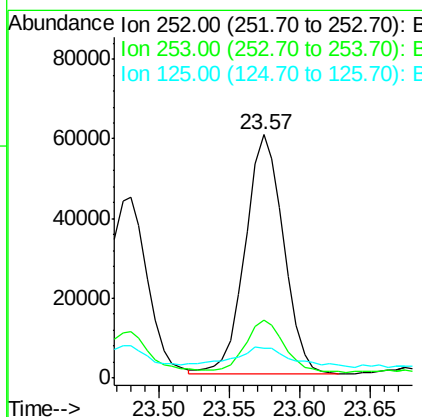
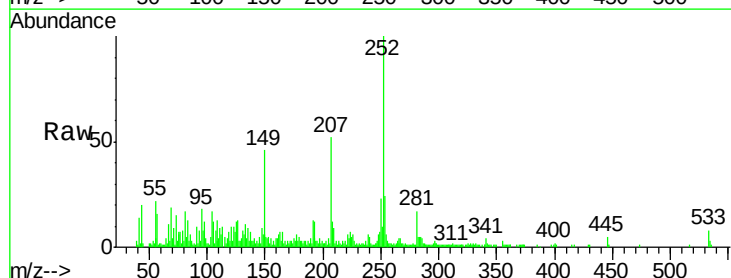
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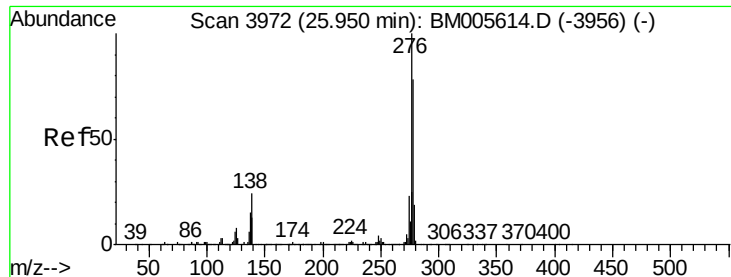
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#88
Benzo(a)pyrene
Concen: 2.29 ng/ul
RT: 23.57 min Scan# 3568
Delta R.T. 0.03 min
Lab File: BM005577.D
Acq: 22 May 2016 07:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.1	7.6	11.4#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.56 ng/ul

RT: 26.00 min Scan# 3980

Delta R.T. 0.05 min

Lab File: BM005577.D

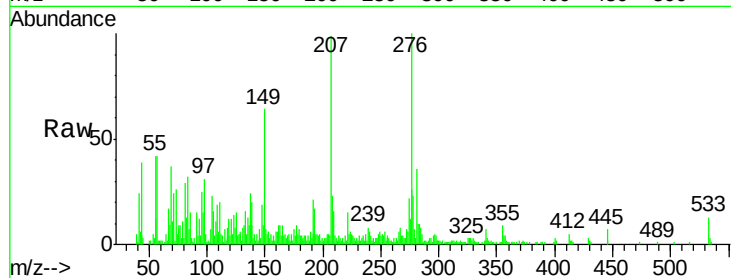
Acq: 22 May 2016 07:15

Instrument :

BNA_M

ClientSampleId :

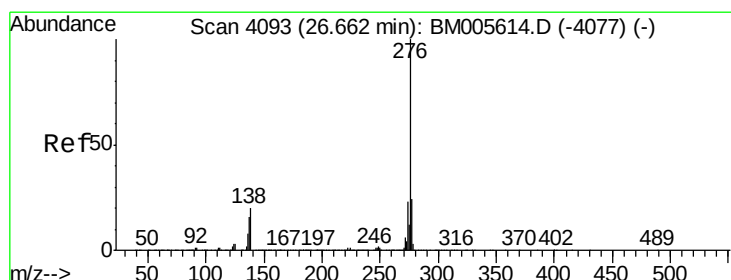
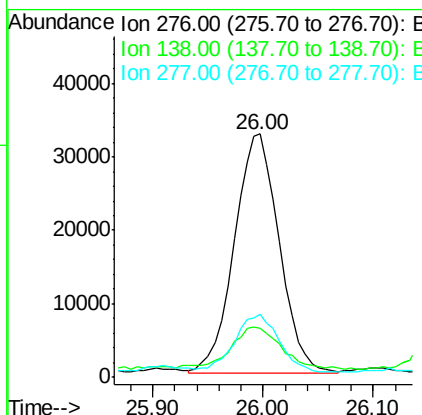
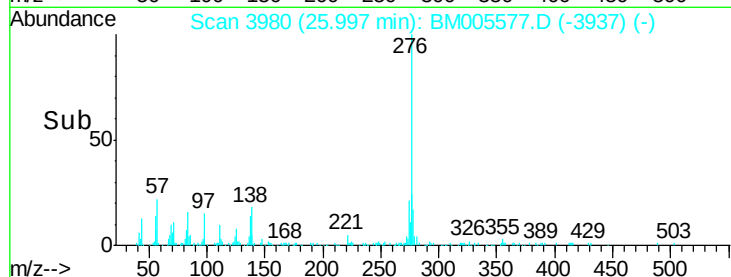
D9WT8



Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.9	25.3
277	25.7	20.2	30.4

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#91

Benzo(g,h,i)perylene

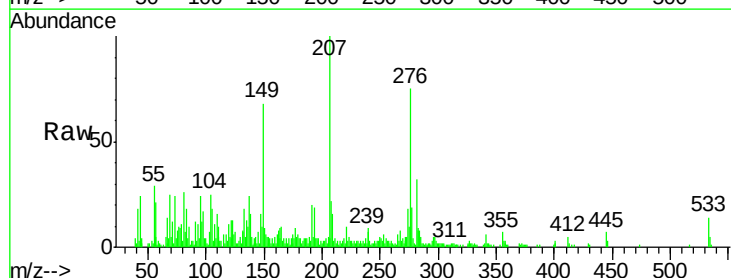
Concen: 1.59 ng/ul

RT: 26.71 min Scan# 4101

Delta R.T. 0.05 min

Lab File: BM005577.D

Acq: 22 May 2016 07:15



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.0	22.6
277	26.1	18.6	28.0

