

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021660.D
 Acq On : 26 Jul 2019 06:09
 Operator : HP/JU
 Sample : K3893-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP12

Manual Integrations
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Quant Time: Jul 26 08:11:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	138537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	652285	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.34	164	474755	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1125621	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1323379	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1350860	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	10644	4.19	ng/uL	0.00
5) Phenol-d5	6.87	99	236171	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	145071	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	199460	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	200281	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	110546	22.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	127390	24.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	245415	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	272923	24.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	880758	21.65	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	991659	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	81320	11.65	ng/ul	0.00
57) Fluorene-d10	15.34	176	796221	21.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	70304	9.97	ng/ul	0.00
70) Anthracene-d10	17.19	188	1311842	23.69	ng/ul	0.00
78) Pyrene-d10	19.49	212	1637743	25.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1677056	23.25	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.80	163	117221	3.002	ng/ul	100
69) Phenanthrene	17.14	178	196069	3.193	ng/ul	100
76) Fluoranthene	19.16	202	612761	8.049	ng/ul	100
79) Pyrene	19.52	202	591042	7.498	ng/ul	100
82) Benzo(a)anthracene	21.27	228	318999	3.677	ng/ul	98
84) Chrysene	21.32	228	355987	4.303	ng/ul	98
87) Benzo(b)fluoranthene	22.86	252	430355	5.269	ng/ul#	98
88) Benzo(k)fluoranthene	22.89	252	165413m	2.065	ng/ul	
90) Benzo(a)pyrene	23.43	252	280046	3.571	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.78	276	167022	1.754	ng/ul	97
93) Benzo(g,h,i)perylene	26.47	276	130432	1.691	ng/ul	97

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

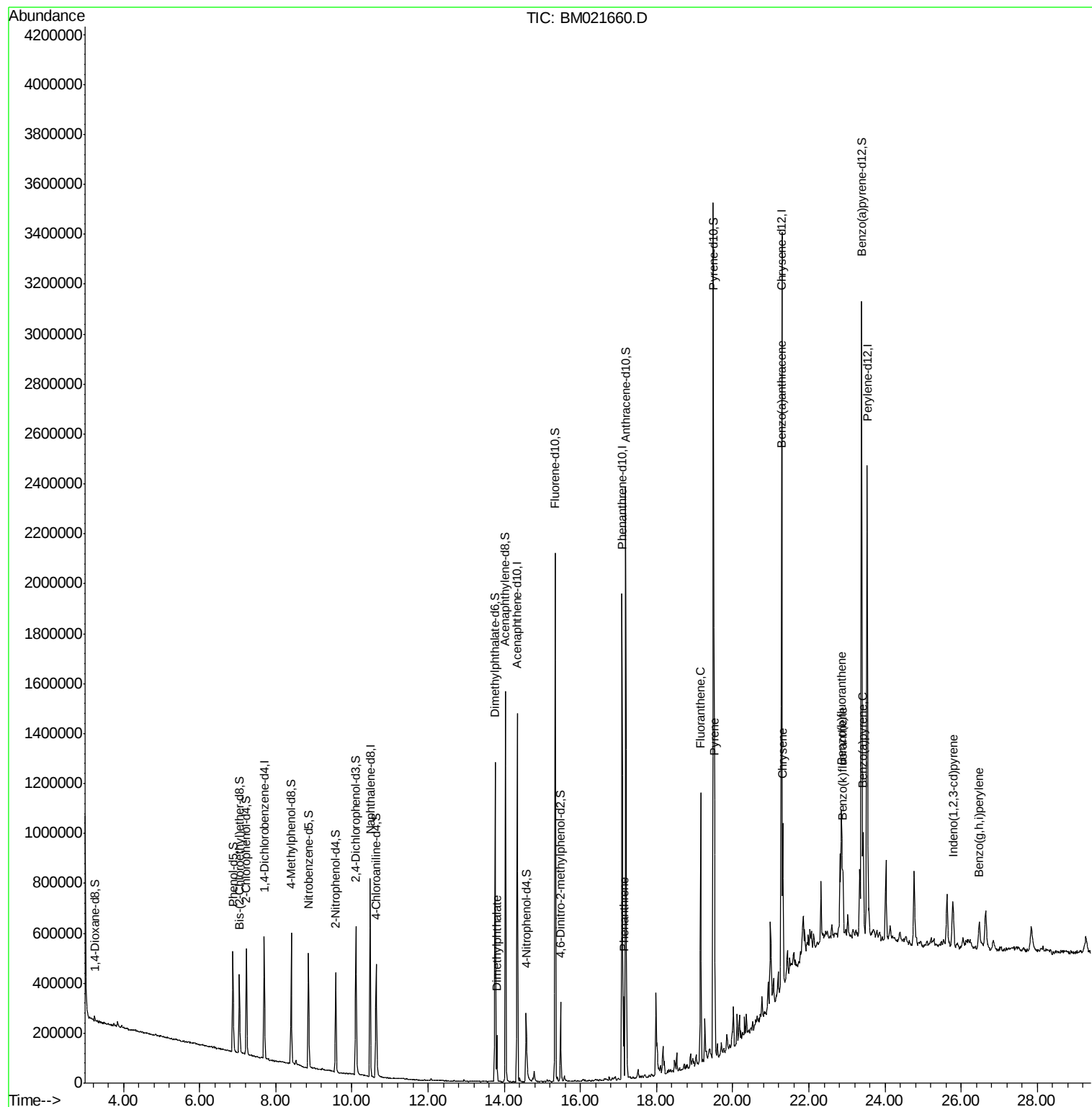
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021660.D
Acq On : 26 Jul 2019 06:09
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

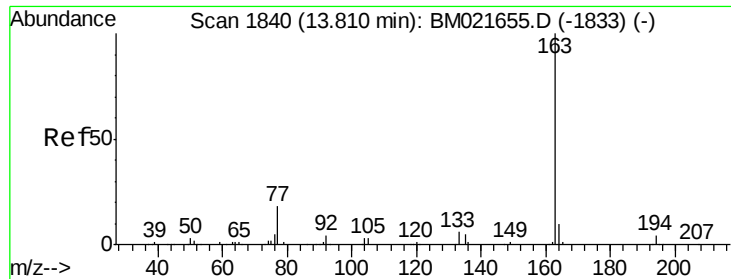
Instrument :
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Quant Time: Jul 26 08:11:14 2019
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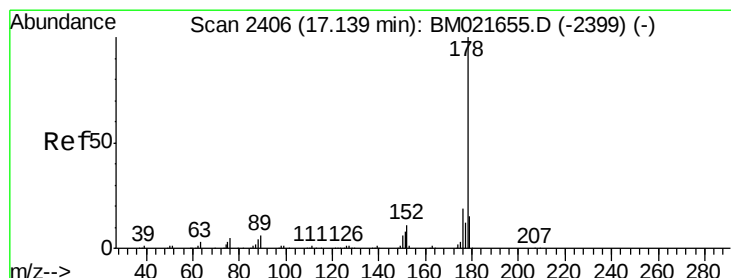
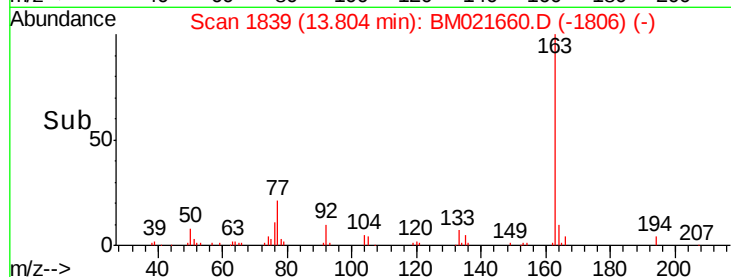
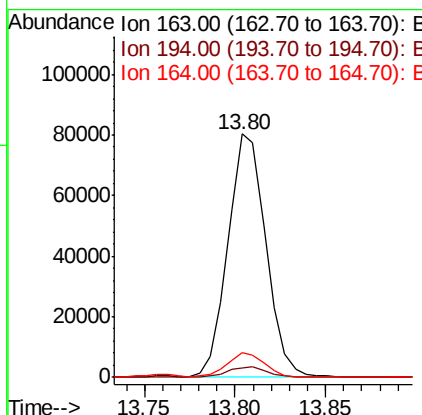
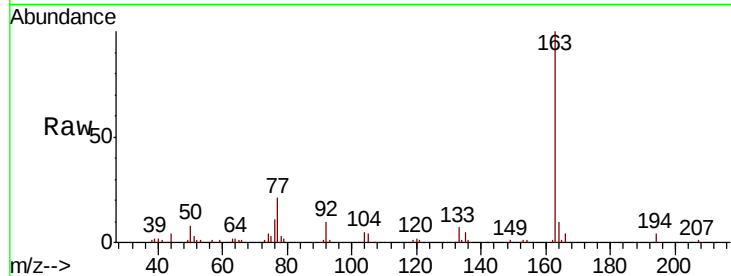
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Dimethylphthalate
Concen: 3.002 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021660.D
Acq: 26 Jul 2019 06:09

Instrument :
BNA_M
ClientSampled :
BEP12

Tot Ion	Ratio	Resp	Lower	Upper
163	100	117221		
194	3.8		3.2	4.8
164	10.4		8.2	12.4

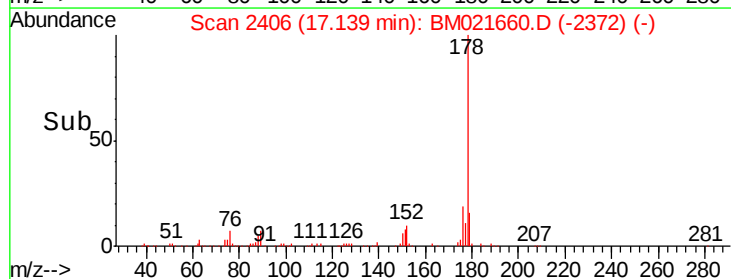
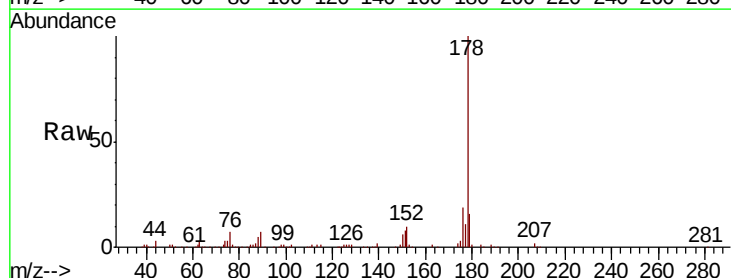
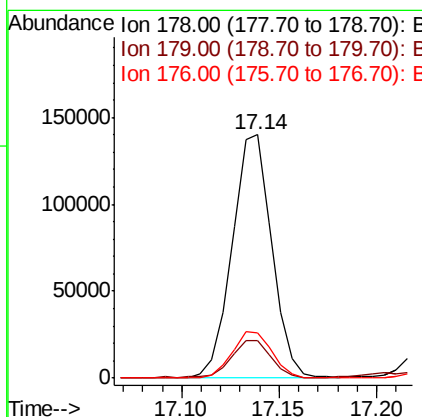
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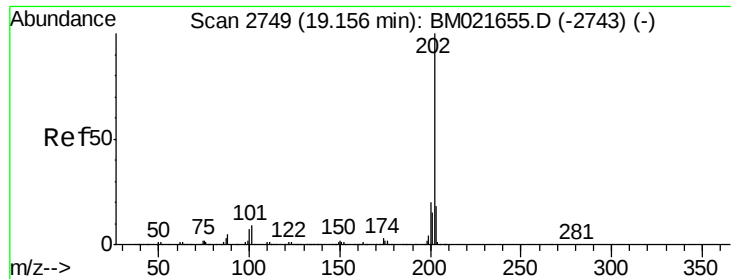
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#69
Phenanthrene
Concen: 3.193 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BM021660.D
Acq: 26 Jul 2019 06:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	196069		
179	15.5		12.2	18.2
176	18.6		15.0	22.4





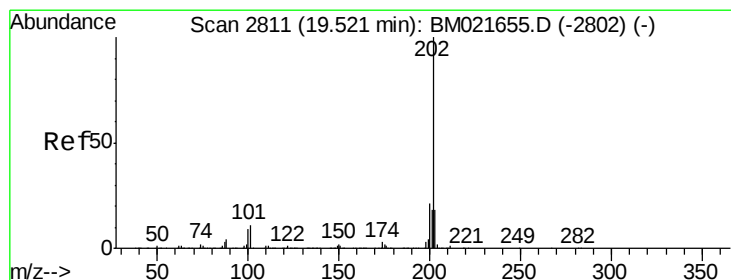
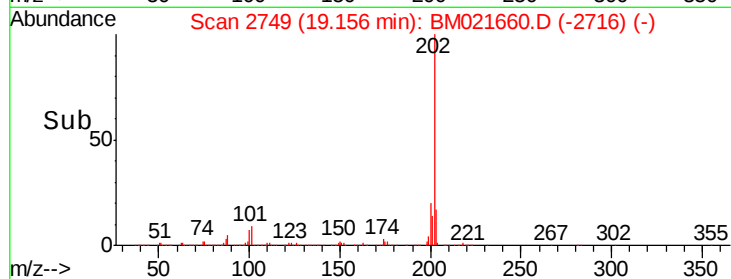
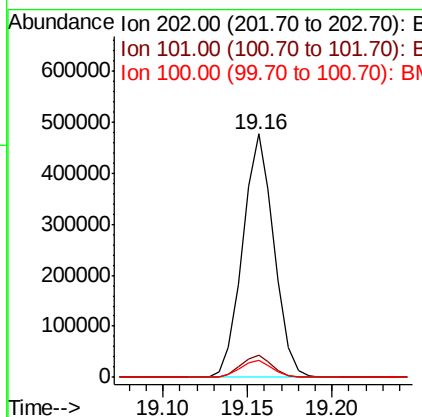
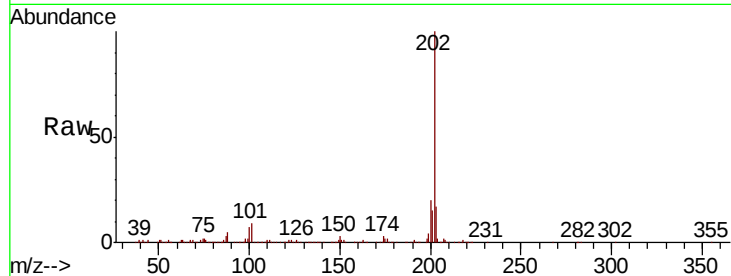
#76
 Fluoranthene
 Concen: 8.049 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021660.D
 Acq: 26 Jul 2019 06:09

Instrument :
 BNA_M
 ClientSampleId :
 BEP12

Tot Ion:	202	Resp:	612761
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.2	10.8
100	6.8	5.6	8.4

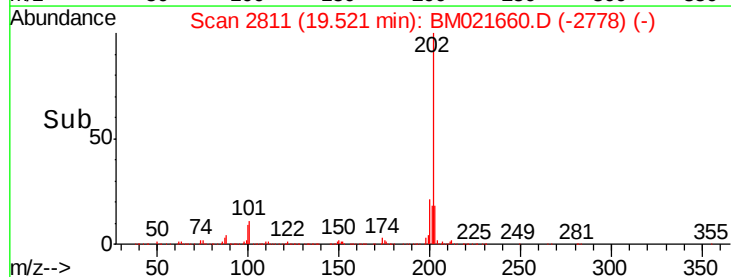
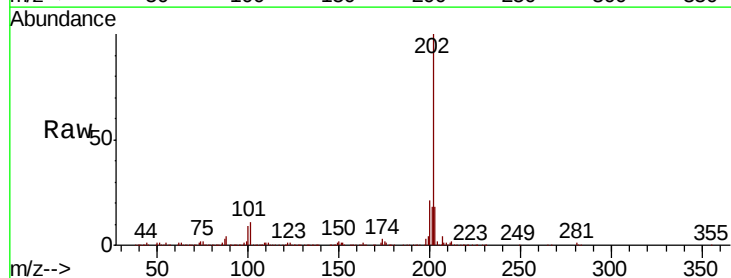
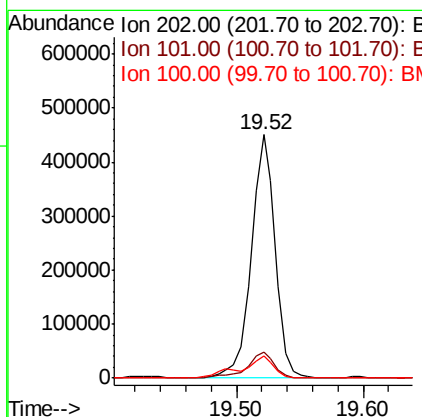
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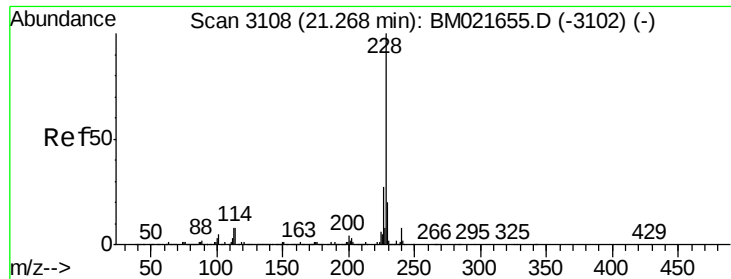
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#79
 Pyrene
 Concen: 7.498 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM021660.D
 Acq: 26 Jul 2019 06:09

Tgt Ion:	202	Resp:	591042
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.6	13.0
100	8.9	7.1	10.7





#82

Benzo(a)anthracene

Concen: 3.677 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021660.D

Acq: 26 Jul 2019 06:09

Instrument :

BNA_M

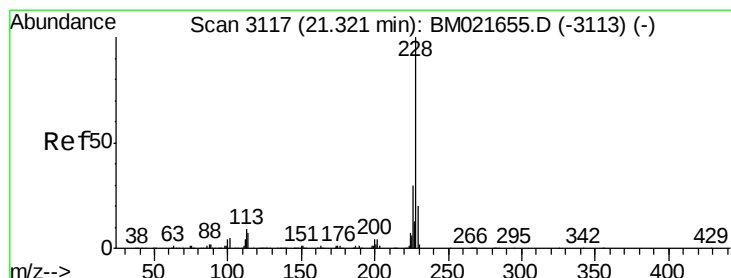
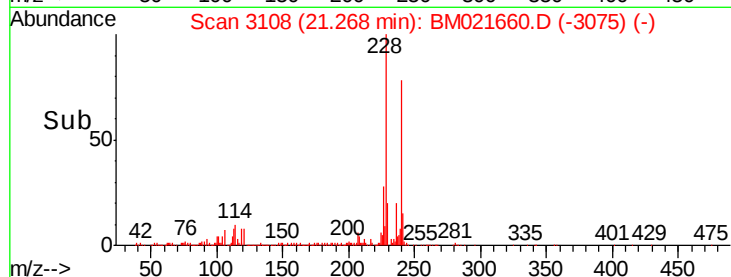
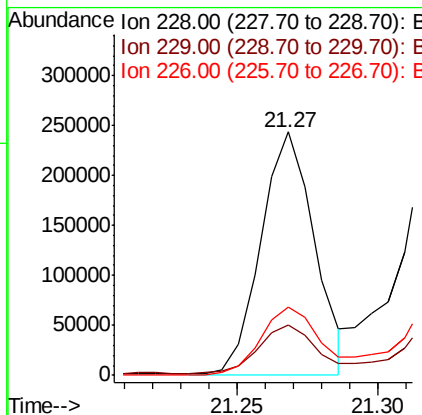
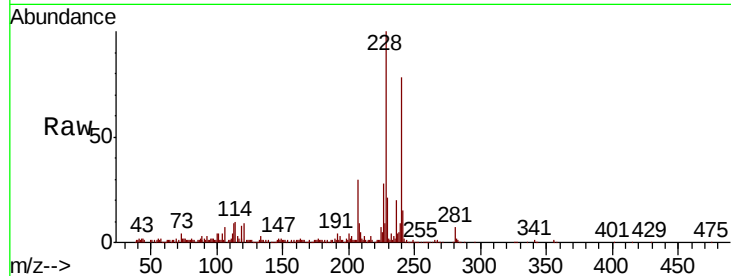
ClientSampleId :

BEP12

Tot Ion:	228	Resp:	318999
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.6
226	28.2	21.7	32.5

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#84

Chrysene

Concen: 4.303 ng/ul

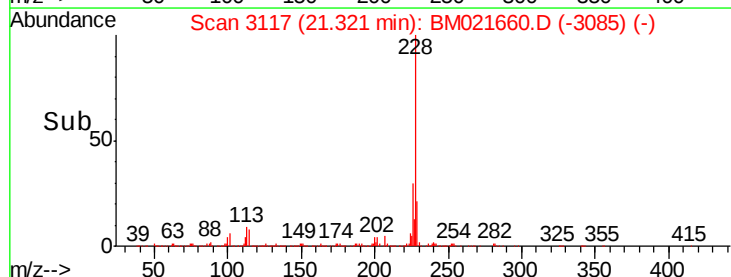
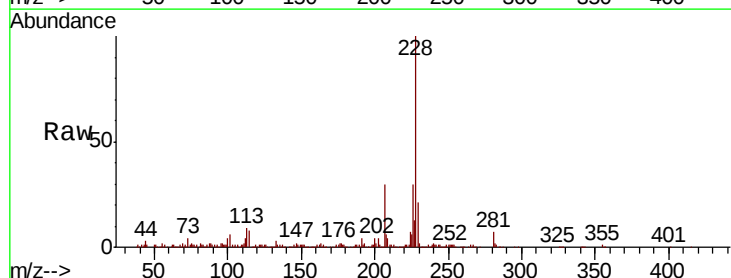
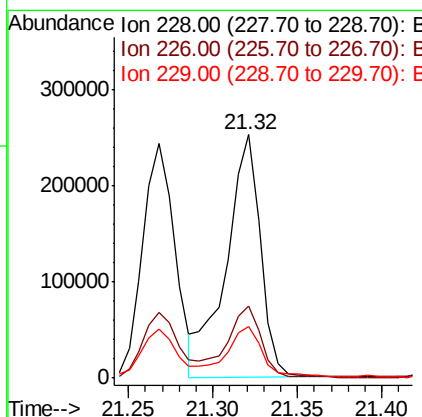
RT: 21.32 min Scan# 3117

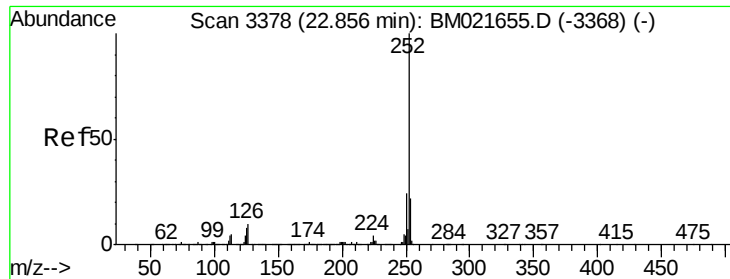
Delta R.T. -0.01 min

Lab File: BM021660.D

Acq: 26 Jul 2019 06:09

Tgt Ion:	228	Resp:	355987
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.2	36.2
229	21.3	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 5.269 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM021660.D

Acq: 26 Jul 2019 06:09

Instrument :

BNA_M

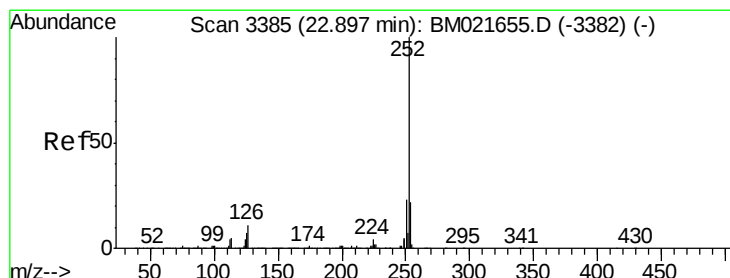
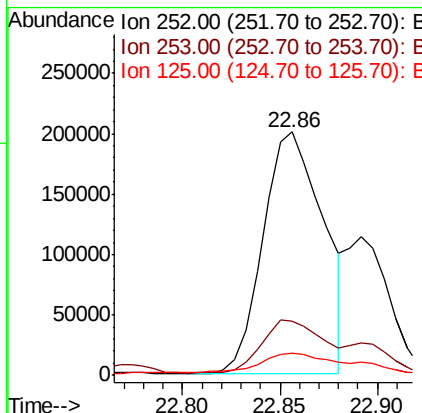
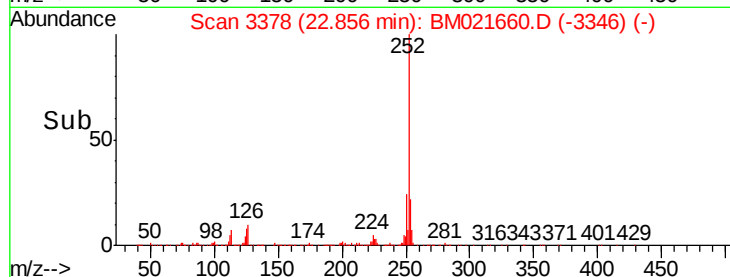
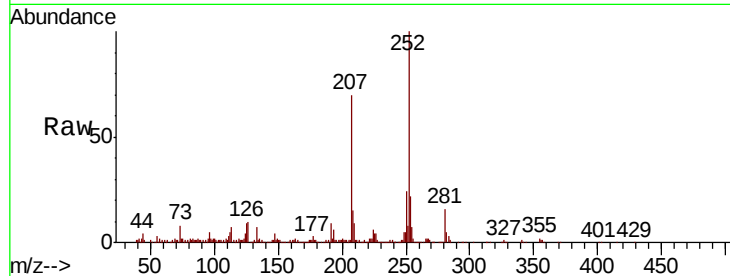
ClientSampled :

BEP12

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.0	5.8	8.6#

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#88

Benzo(k)fluoranthene

Concen: 2.065 ng/ul m

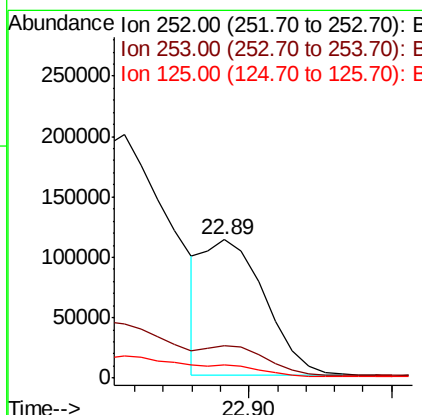
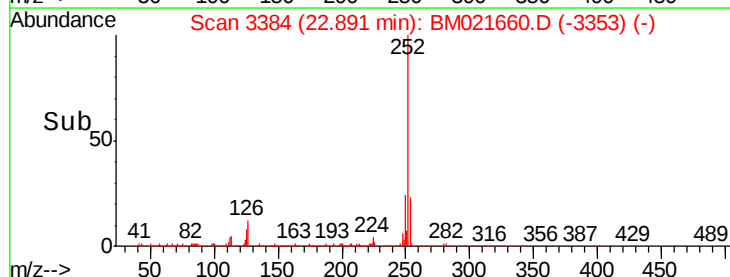
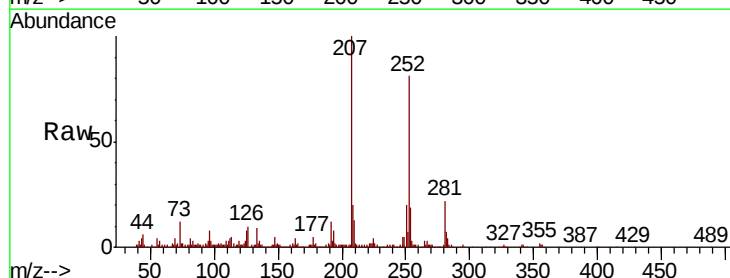
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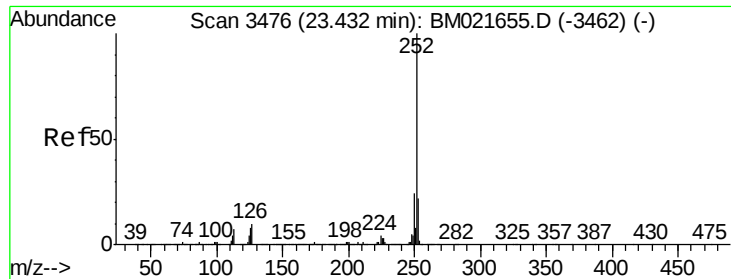
Delta R.T. -0.02 min

Lab File: BM021660.D

Acq: 26 Jul 2019 06:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.3	6.4	9.6





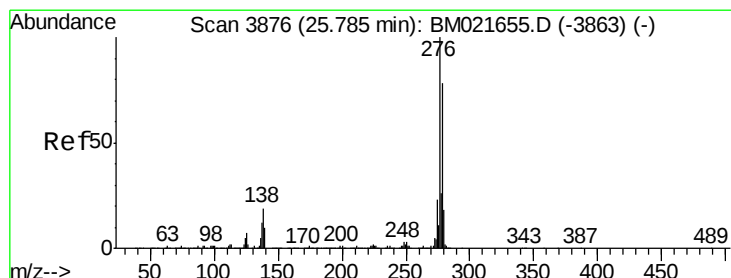
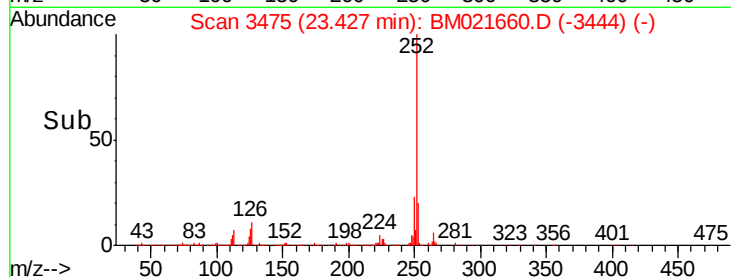
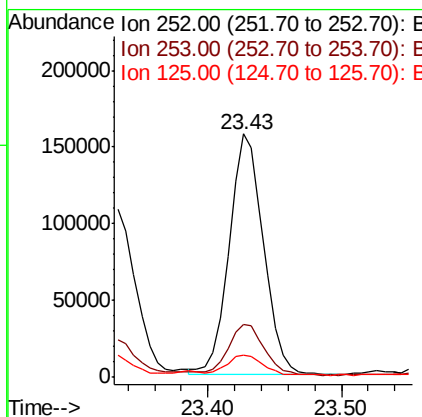
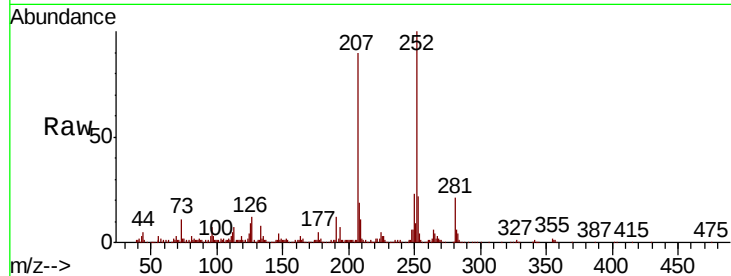
#90
Benzo(a)pyrene
Concen: 3.571 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BM021660.D
Acq: 26 Jul 2019 06:09

Instrument :
BNA_M
ClientSampleId :
BEP12

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.2	7.0	10.4

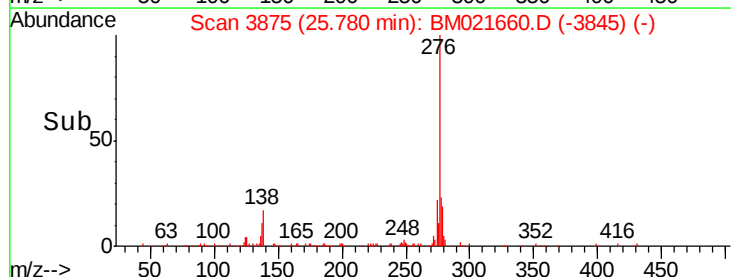
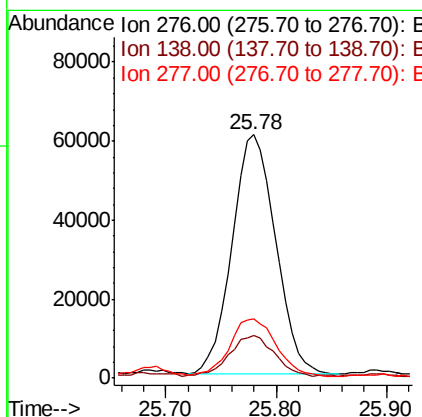
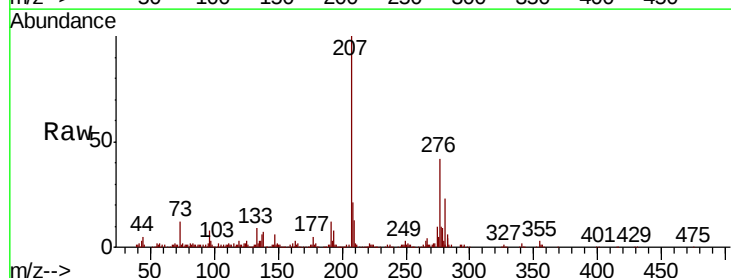
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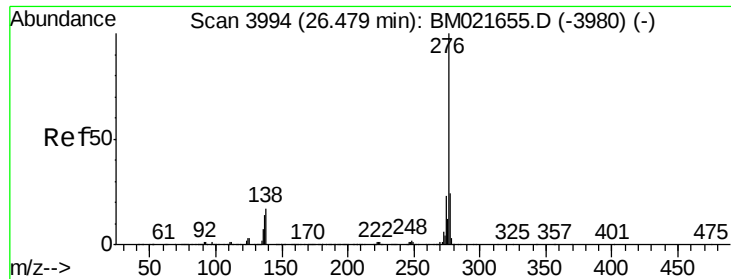
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.754 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM021660.D
Acq: 26 Jul 2019 06:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.2	22.8
277	24.4	20.2	30.2





#93

Benzo(a,h,i)perylene

Concen: 1.691 ng/ul

RT: 26.47 min Scan# 3993

Delta R.T. -0.02 min

Lab File: BM021660.D

Acq: 26 Jul 2019 06:09

Instrument :

BNA_M

ClientSampleId :

BEP12

Tot Ion:	276	Resp:	130432
Ion Ratio	Lower	Upper	
276	100		
138	17.8	13.7	20.5
277	25.9	19.0	28.6

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