

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021661.D
 Acq On : 26 Jul 2019 06:45
 Operator : HP/JU
 Sample : K3893-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP13

Manual Integrations
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 7/26/2019 3:24:35 PM

Quant Time: Jul 26 08:15:39 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	136338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	649899	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.34	164	465871	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1108845	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1287165	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1288125	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	11199	4.48	ng/uL	0.00
5) Phenol-d5	6.87	99	262503	22.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	161363	24.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	222167	24.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	215952	21.86	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	127039	26.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	142242	27.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	286649	24.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	290386	26.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1005913	25.20	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1139166	23.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	101942	14.89	ng/ul	0.00
57) Fluorene-d10	15.34	176	915400	25.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	88572	12.76	ng/ul	0.00
70) Anthracene-d10	17.19	188	1520009	27.86	ng/ul	0.00
78) Pyrene-d10	19.49	212	1873256	29.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1867181	27.15	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.80	163	138047	3.602	ng/ul	99
69) Phenanthrene	17.13	178	165685	2.739	ng/ul	99
76) Fluoranthene	19.16	202	576413	7.686	ng/ul	99
79) Pyrene	19.52	202	503744	6.570	ng/ul	100
82) Benzo(a)anthracene	21.27	228	266186	3.155	ng/ul	98
84) Chrysene	21.32	228	341329	4.242	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	477667	6.134	ng/ul#	98
88) Benzo(k)fluoranthene	22.90	252	141344m	1.850	ng/ul	
90) Benzo(a)pyrene	23.43	252	259551	3.471	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.78	276	183796	2.024	ng/ul	96
93) Benzo(g,h,i)perylene	26.47	276	142958	1.944	ng/ul	100

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

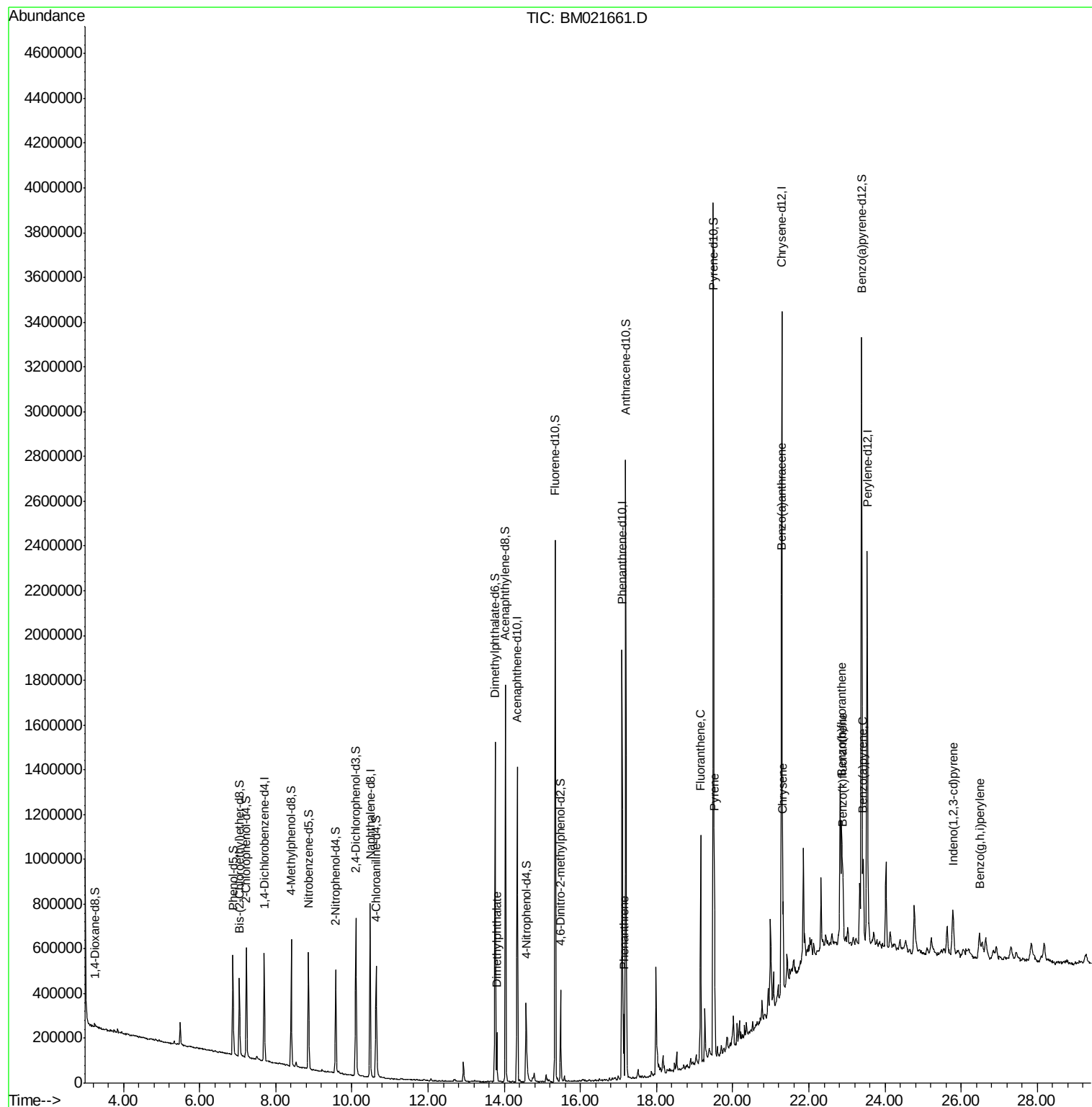
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021661.D
Acq On : 26 Jul 2019 06:45
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

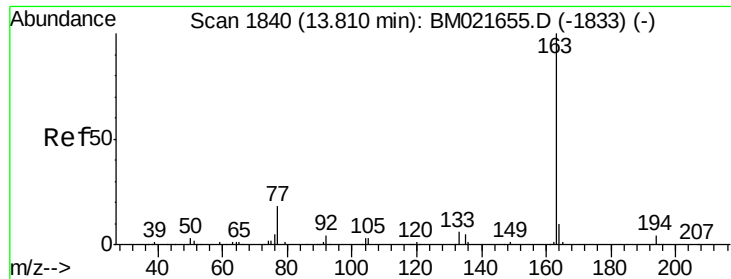
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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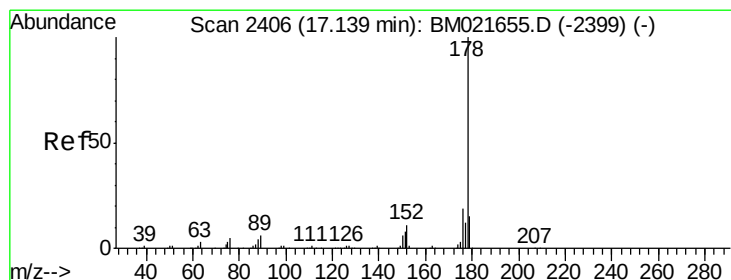
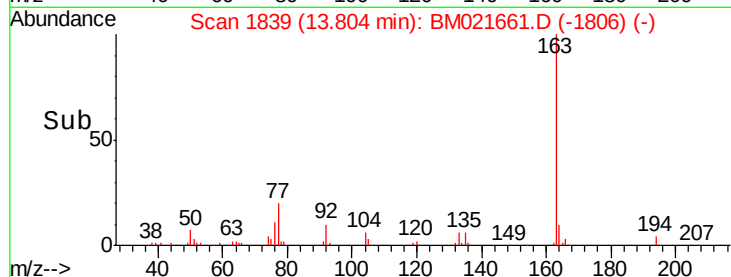
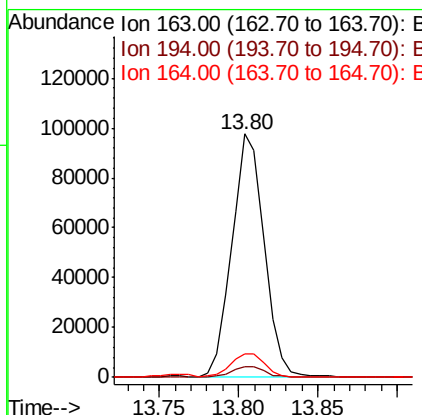
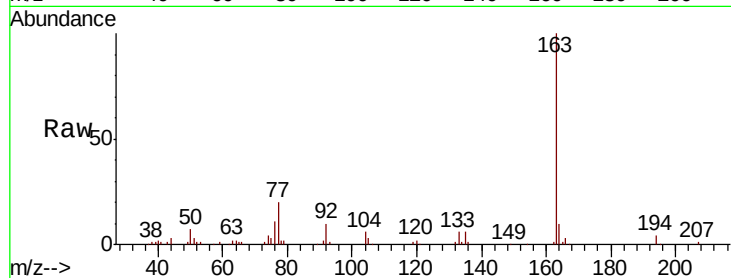
#44
Dimethylphthalate
Concen: 3.602 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Instrument :
BNA_M
ClientSampleId :
BEP13

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.6	8.2	12.4

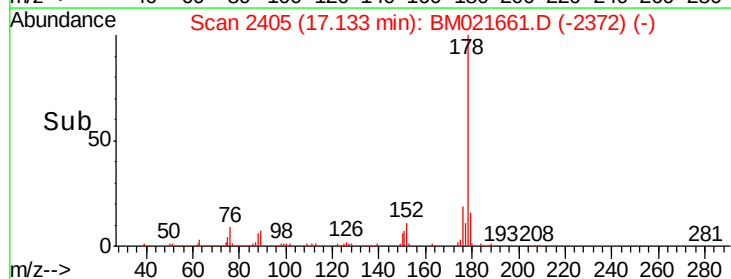
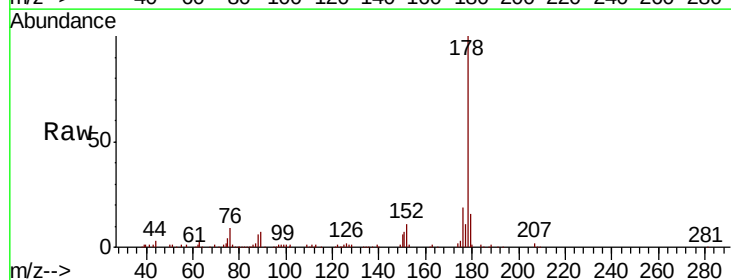
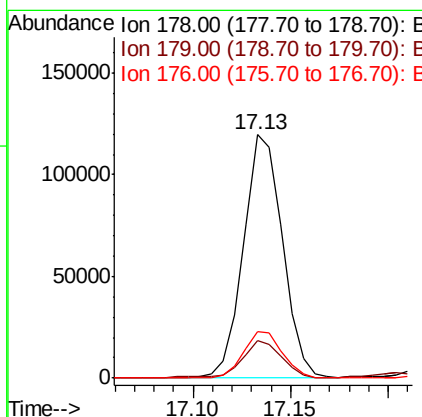
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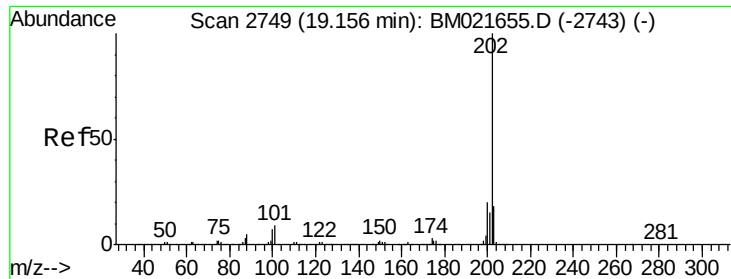
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#69
Phenanthrene
Concen: 2.739 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.1	15.0	22.4





#76

Fluoranthene

Concen: 7.686 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM021661.D

Acq: 26 Jul 2019 06:45

Instrument :

BNA_M

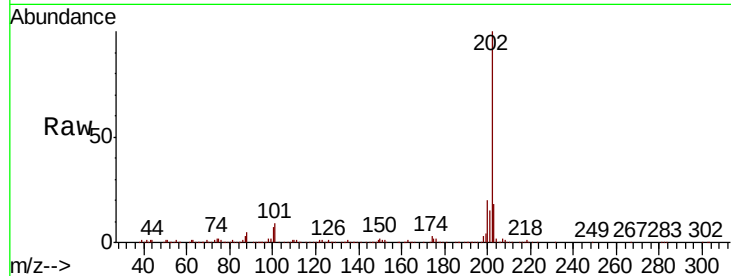
ClientSampleId :

BEP13

Tot Ion:	202	Resp:	576413
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.2	10.8
100	7.0	5.6	8.4

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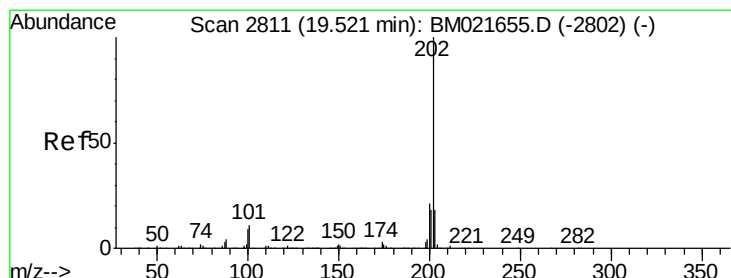
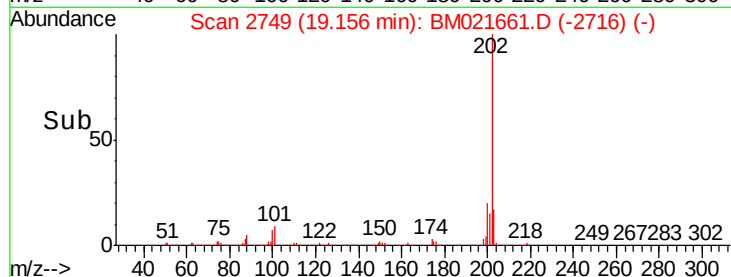
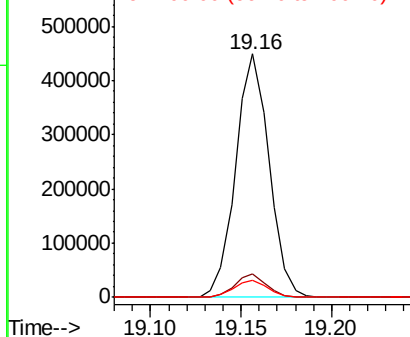


Abundance

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



#79

Pyrene

Concen: 6.570 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021661.D

Acq: 26 Jul 2019 06:45

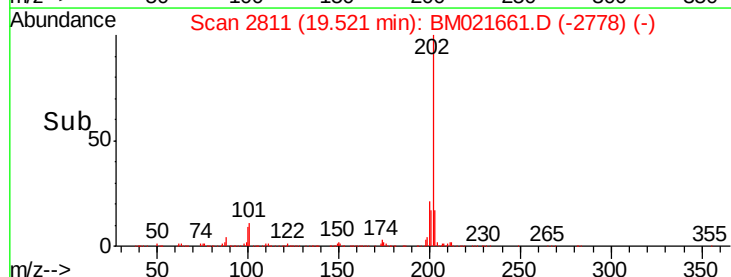
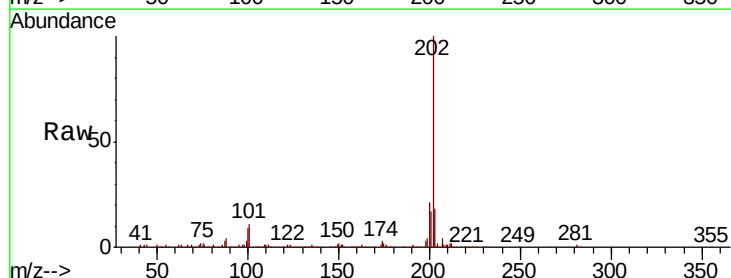
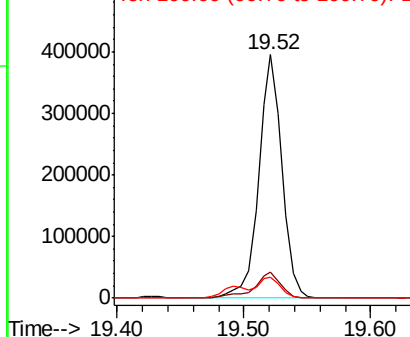
Tgt Ion:	202	Resp:	503744
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.6	13.0
100	8.8	7.1	10.7

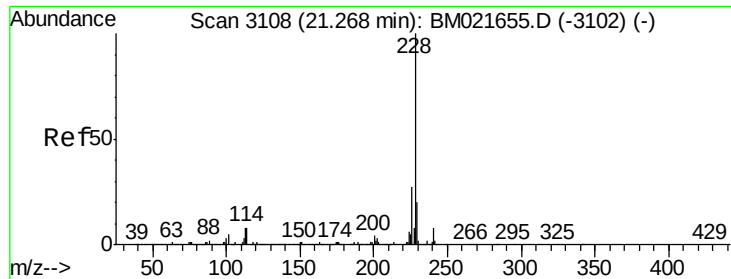
Abundance

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





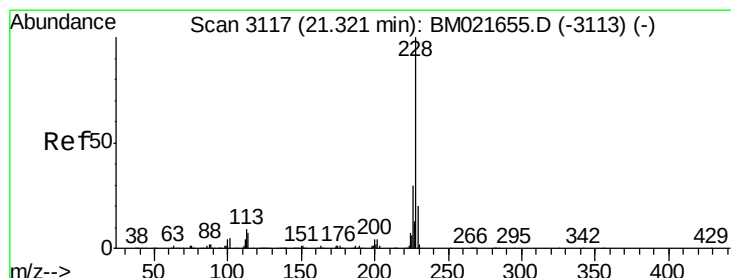
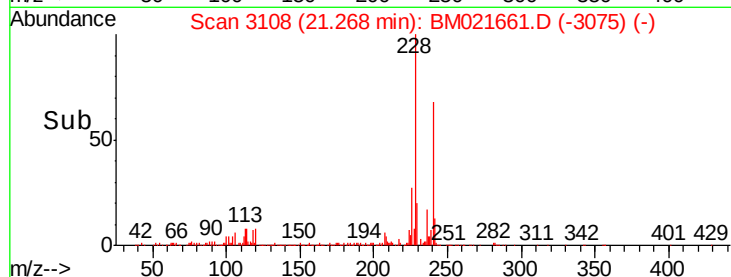
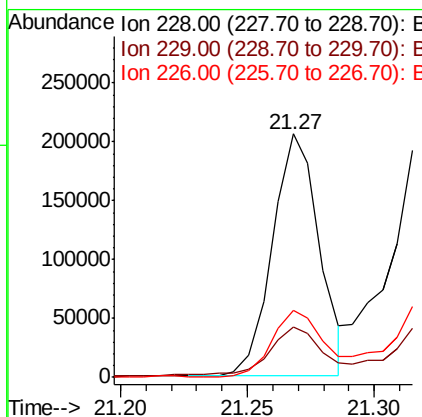
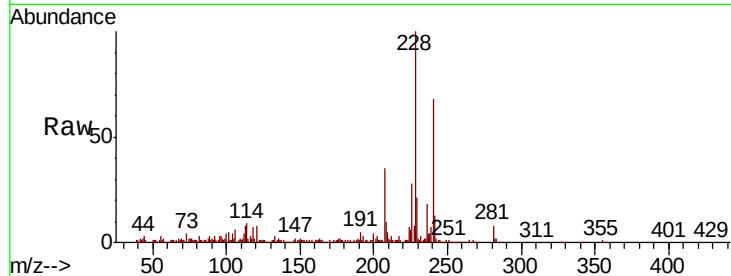
#82
Benzo(a)anthracene
Concen: 3.155 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Instrument :
BNA_M
ClientSampled :
BEP13

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	27.6	21.7	32.5

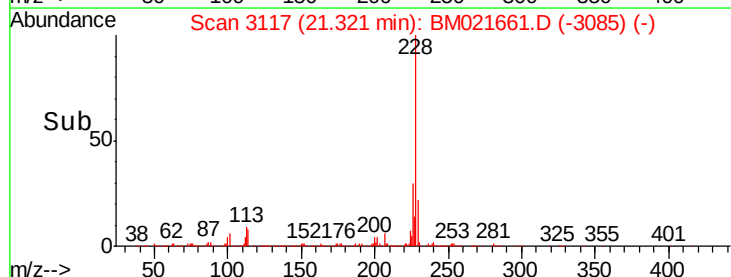
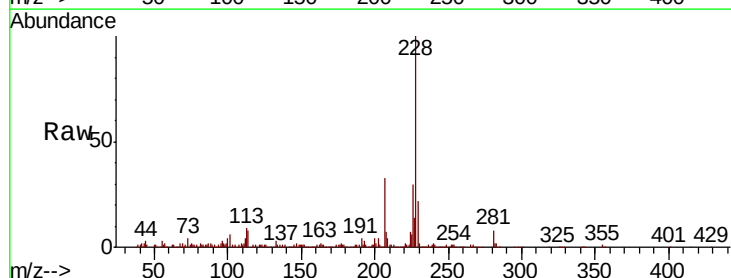
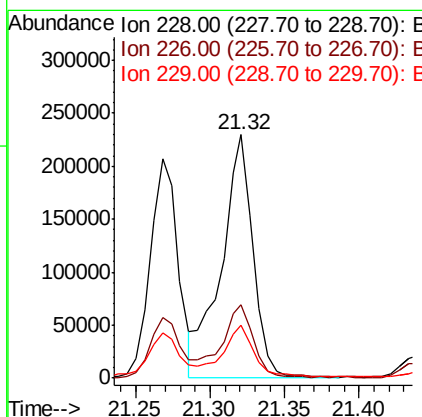
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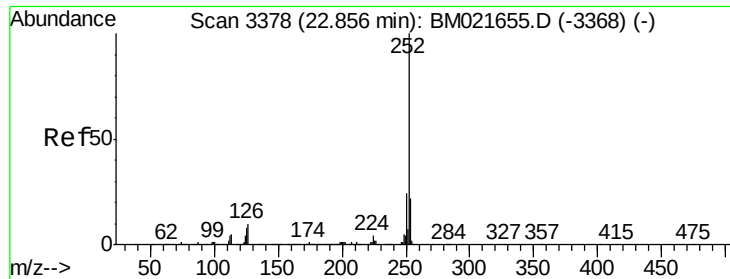
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#84
Chrysene
Concen: 4.242 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	21.9	15.4	23.2





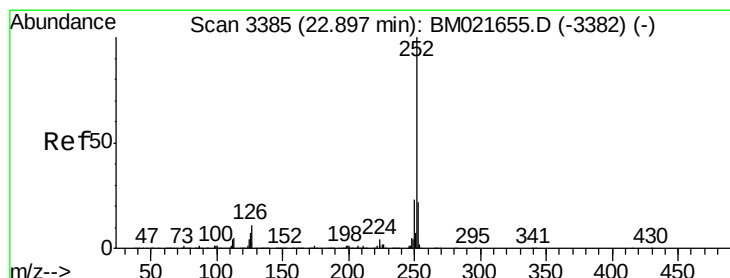
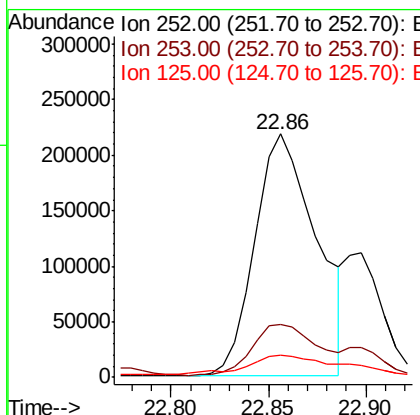
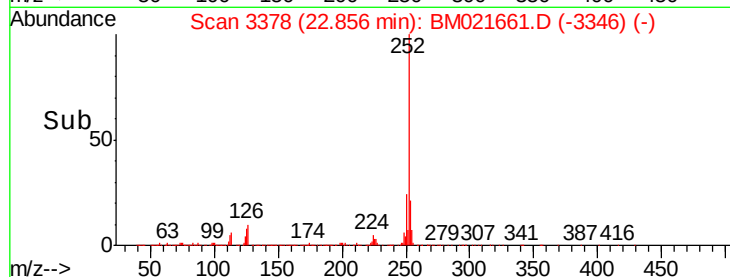
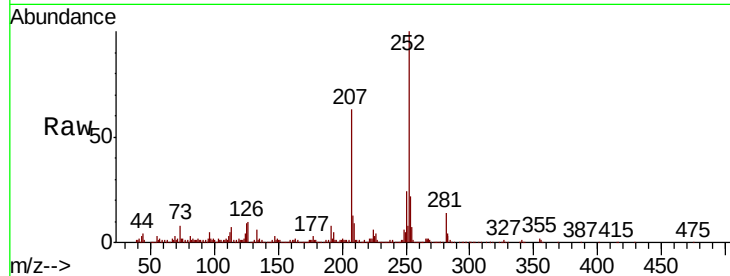
#87
Benzo(b)fluoranthene
Concen: 6.134 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Instrument :
BNA_M
ClientSampled :
BEP13

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.9	5.8	8.6#

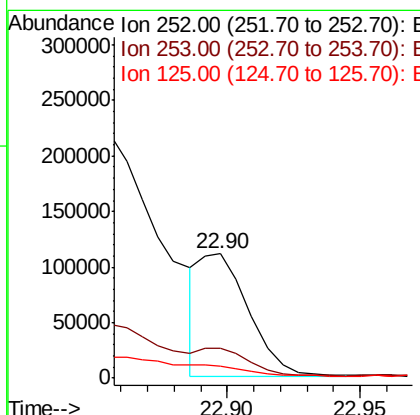
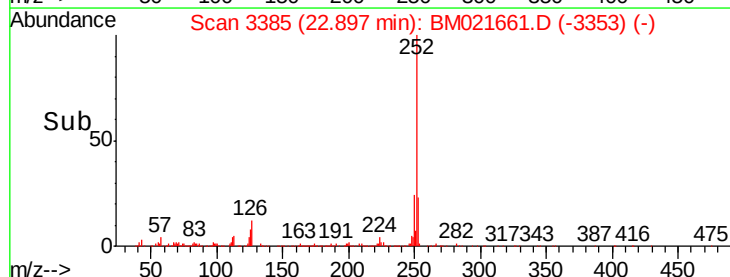
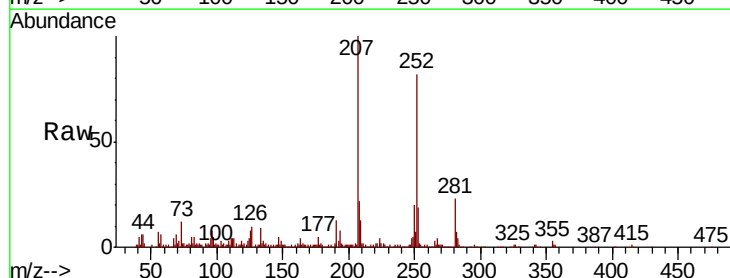
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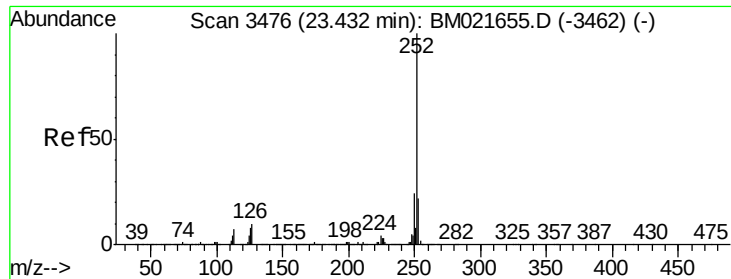
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#88
Benzo(k)fluoranthene
Concen: 1.850 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.5	6.4	9.6





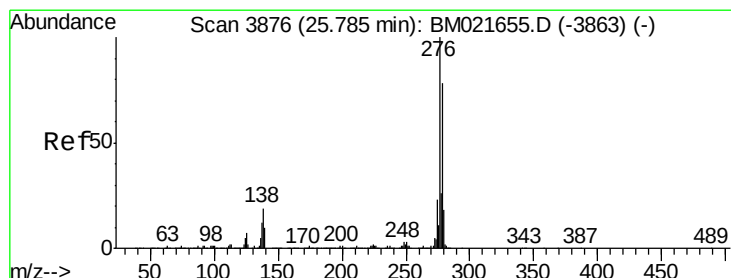
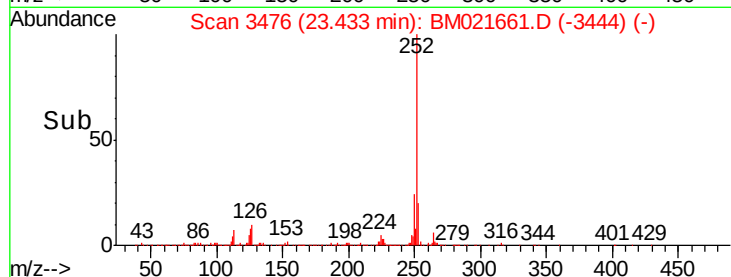
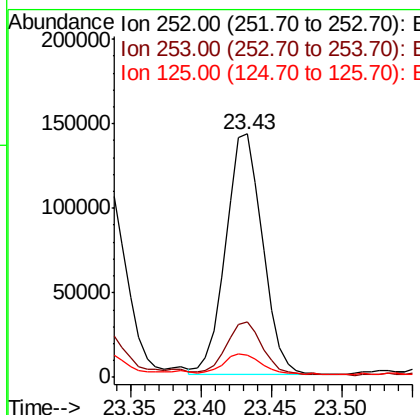
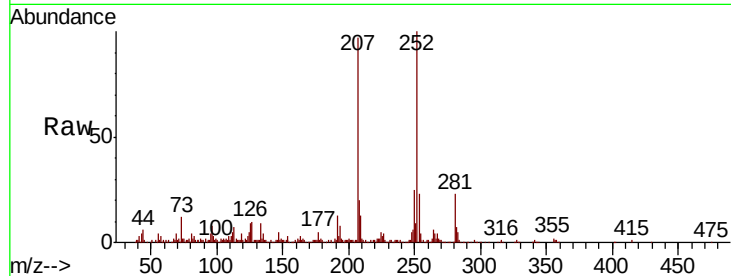
#90
Benzo(a)pyrene
Concen: 3.471 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Instrument :
BNA_M
ClientSampleId :
BEP13

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.3	7.0	10.4

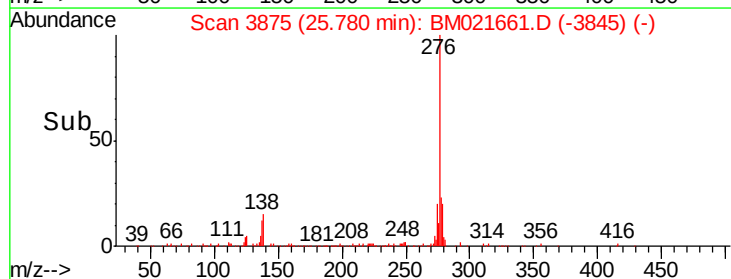
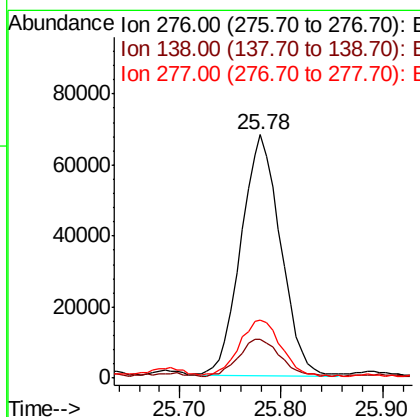
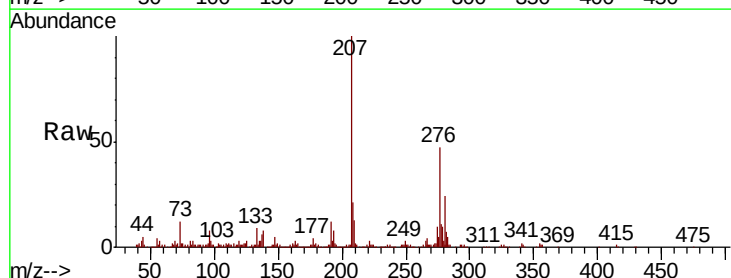
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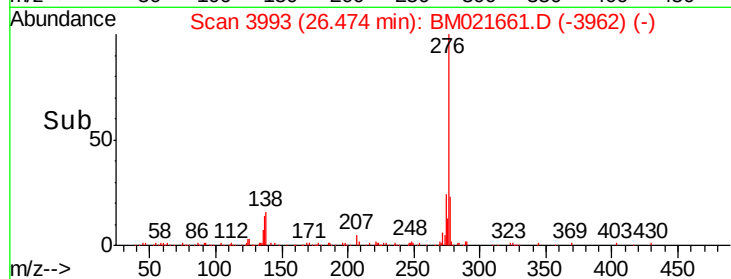
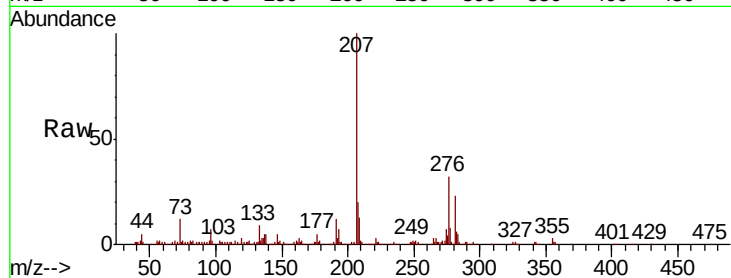
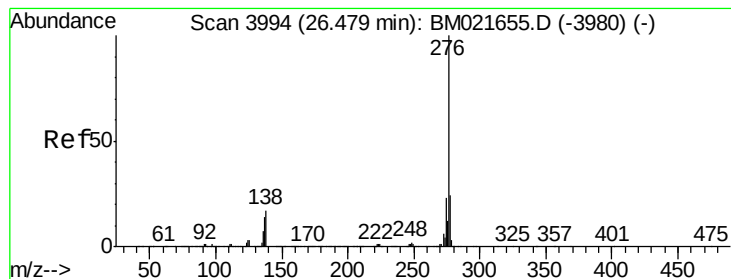
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.024 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM021661.D
Acq: 26 Jul 2019 06:45

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.0	15.2	22.8
277	24.1	20.2	30.2





#93

Benzo(a,h,i)perylene

Concen: 1.944 ng/ul

RT: 26.47 min Scan# 3993

Delta R.T. -0.02 min

Lab File: BM021661.D

Acq: 26 Jul 2019 06:45

Instrument :

BNA_M

ClientSampleId :

BEP13

Tot Ion:	276	Resp:	142958
Ion Ratio	Lower	Upper	
276	100		
138	17.3	13.7	20.5
277	23.7	19.0	28.6

Manual Integrations
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