

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021680.D
 Acq On : 27 Jul 2019 09:29
 Operator : HP/JU
 Sample : K3893-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP11

Manual Integrations
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Quant Time: Jul 29 04:56:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	114694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	457770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	275121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	569055	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	558157	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	657417	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12055	5.06	ng/uL	0.00
5) Phenol-d5	6.86	99	240188	27.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	153126	31.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	216305	30.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	180177	24.89	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	106303	31.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	115887	30.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	234895	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	157230	20.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	743652	35.02	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	875997	34.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	35518	11.02	ng/ul	0.00
57) Fluorene-d10	15.32	176	672225	36.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	46127	13.04	ng/ul	0.00
70) Anthracene-d10	17.18	188	1032617	36.06	ng/ul	0.00
78) Pyrene-d10	19.48	212	1165477	37.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1258246	36.17	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.79	163	145077	6.582	ng/ul 99
69) Phenanthrene	17.12	178	480746	14.027	ng/ul 99
71) Anthracene	17.22	178	83021	2.365	ng/ul 98
74) Carbazole	17.49	167	51375	1.767	ng/ul 99
76) Fluoranthene	19.14	202	1431134	35.794	ng/ul 100
79) Pyrene	19.51	202	1256515	30.171	ng/ul 98
82) Benzo(a)anthracene	21.26	228	623669	15.344	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.18	149	65159	3.523	ng/ul 99
84) Chrysene	21.31	228	756179	19.734	ng/ul 99
87) Benzo(b)fluoranthene	22.84	252	1072347	23.973	ng/ul 98
88) Benzo(k)fluoranthene	22.87	252	389511m	8.907	ng/ul
90) Benzo(a)pyrene	23.41	252	692038	16.524	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.74	276	556410	11.457	ng/ul 98
92) Dibenzo(a,h)anthracene	25.74	278	134517	3.331	ng/ul# 85
93) Benzo(g,h,i)perylene	26.44	276	493739	12.226	ng/ul 98

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

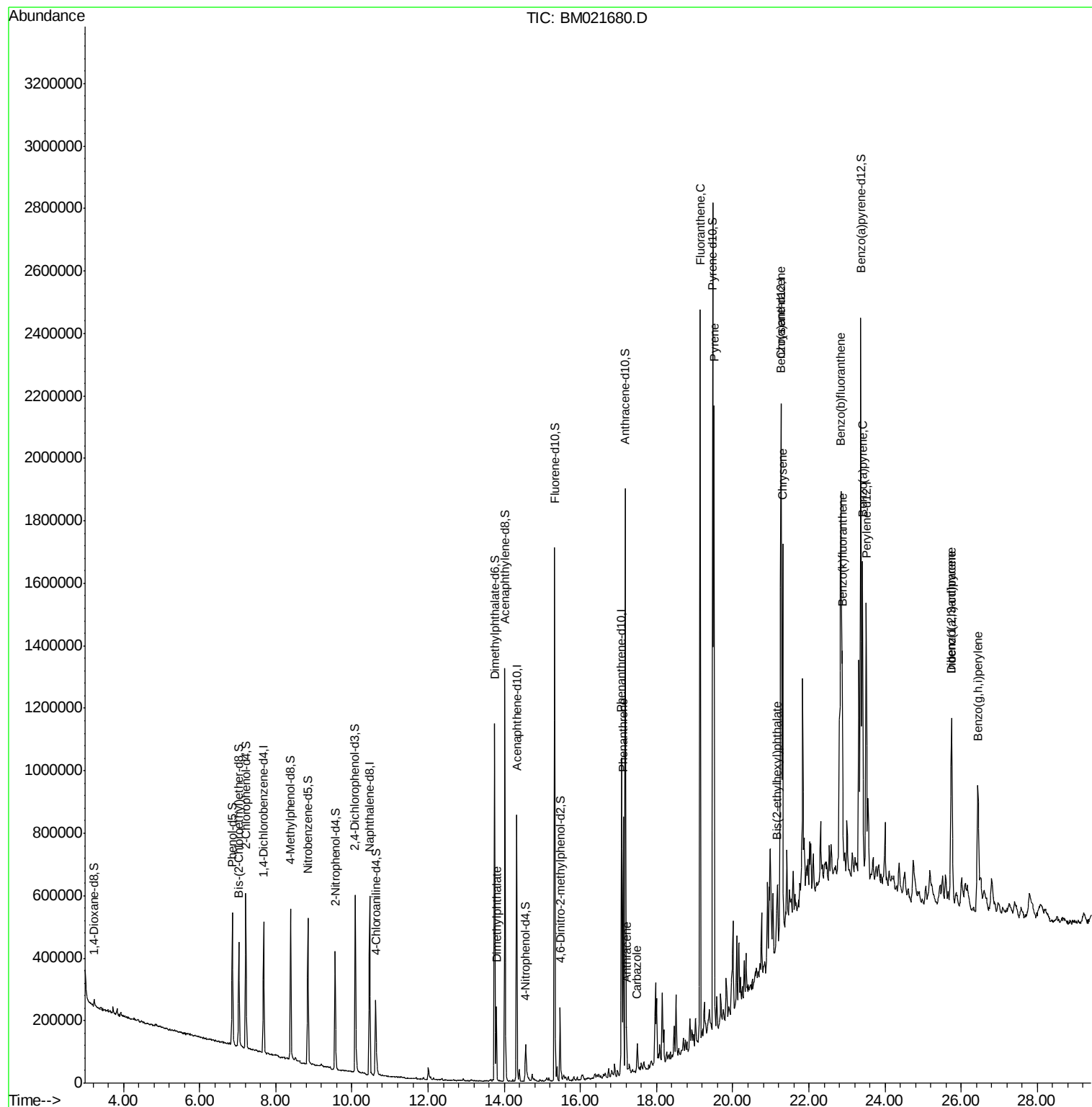
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021680.D
Acq On : 27 Jul 2019 09:29
Operator : HP/JU
Sample : K3893-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

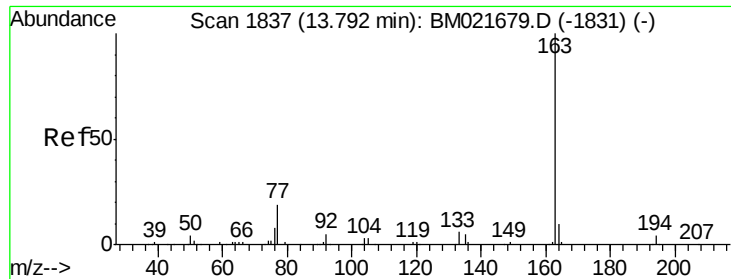
Instrument :
BNA_M
ClientSampleId :
BEP11

Quant Time: Jul 29 04:56:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
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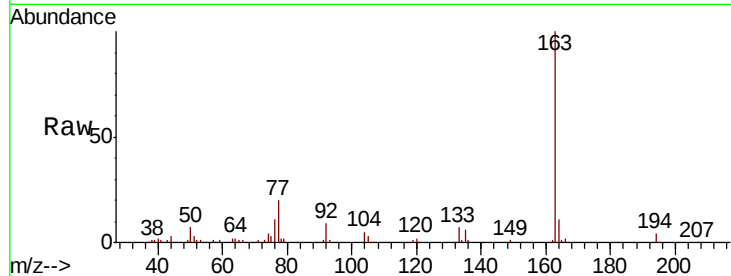
#44
Dimethylphthalate
Concen: 6.582 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM021680.D
Acq: 27 Jul 2019 09:29

Instrument :
BNA_M
ClientSampleId :
BEP11

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.5	8.1	12.1

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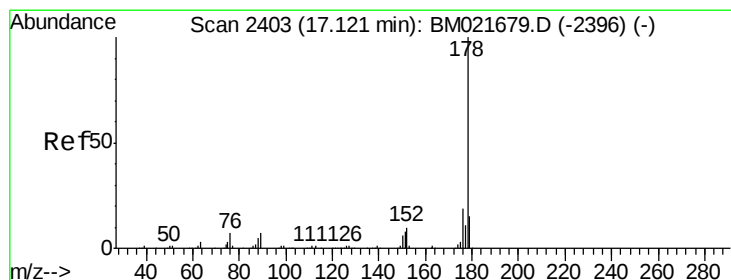
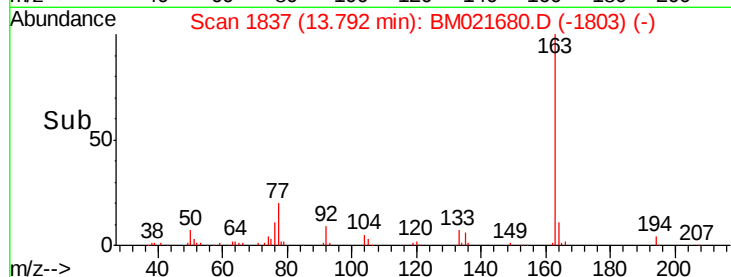
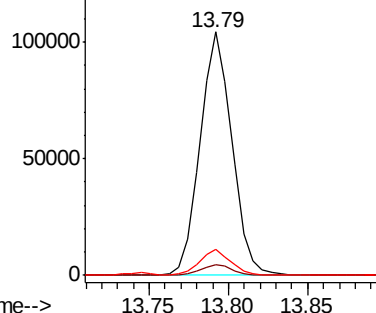


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 14.027 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021680.D
Acq: 27 Jul 2019 09:29

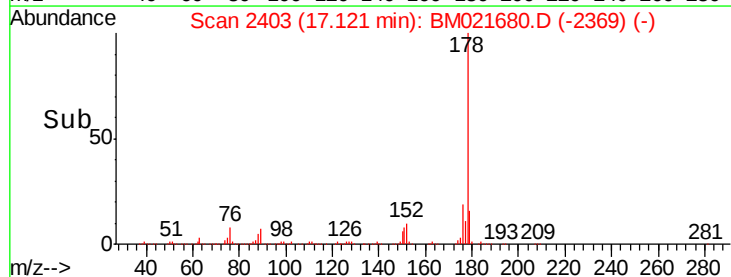
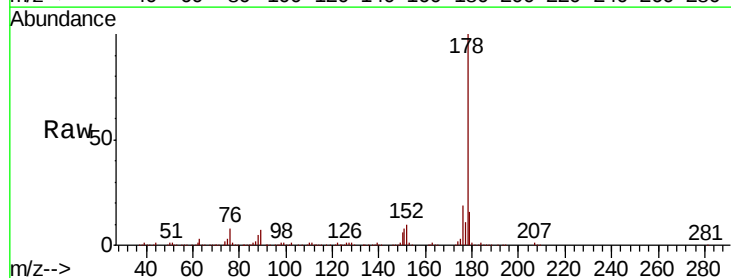
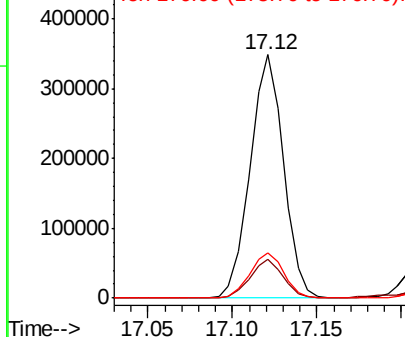
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	18.7	15.4	23.2

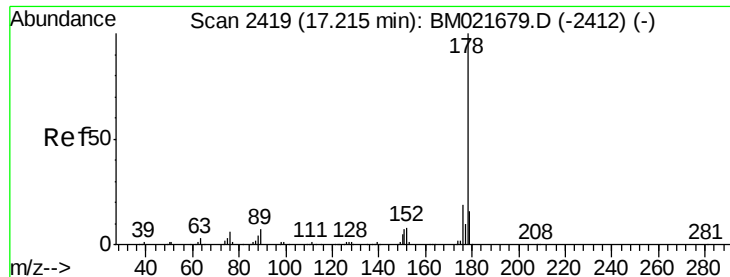
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





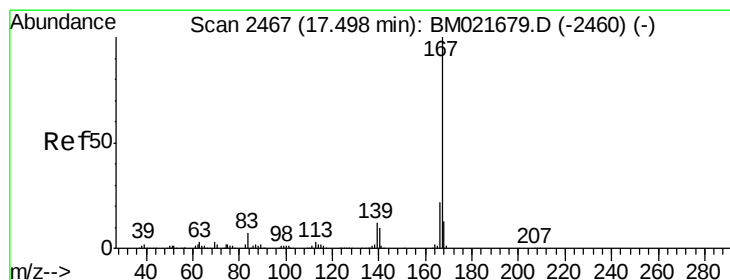
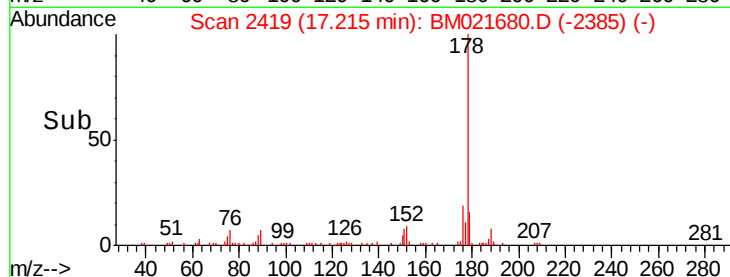
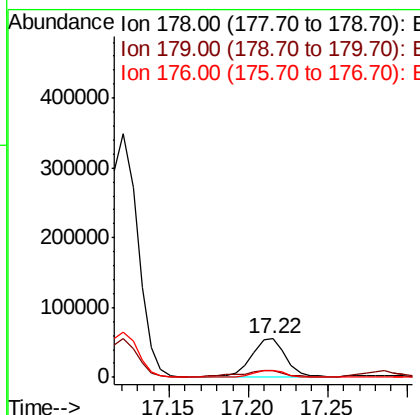
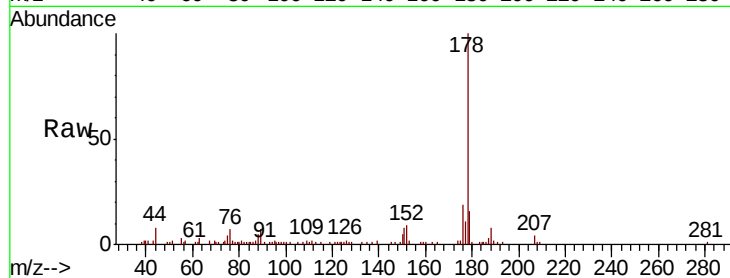
#71
 Anthracene
 Concen: 2.365 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BM021680.D
 Acq: 27 Jul 2019 09:29

Instrument :
 BNA_M
 ClientSampleId :
 BEP11

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	18.8	14.8	22.2

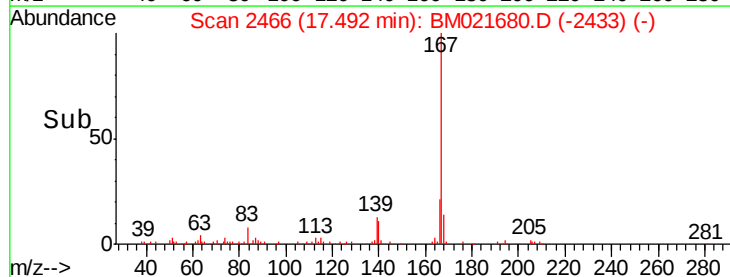
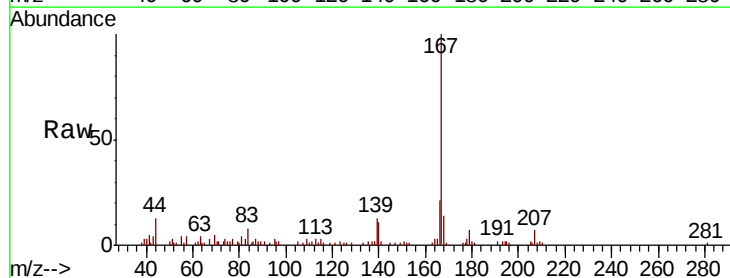
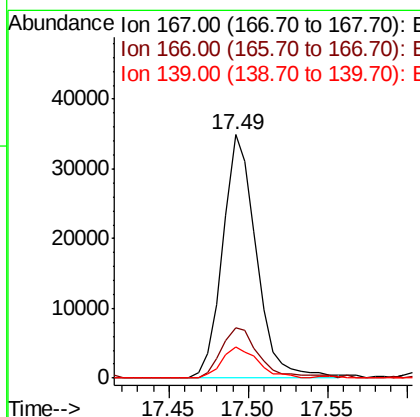
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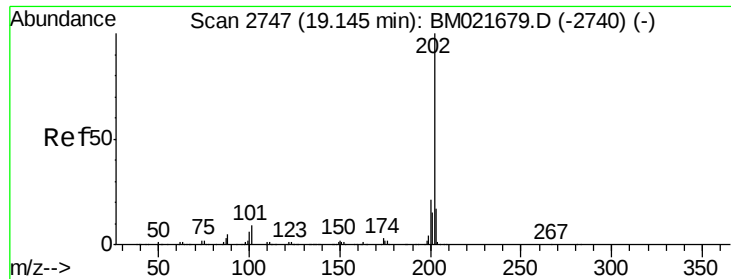
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#74
 Carbazole
 Concen: 1.767 ng/ul
 RT: 17.49 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BM021680.D
 Acq: 27 Jul 2019 09:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	12.7	10.0	15.0





#76

Fluoranthene

Concen: 35.794 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Instrument :

BNA_M

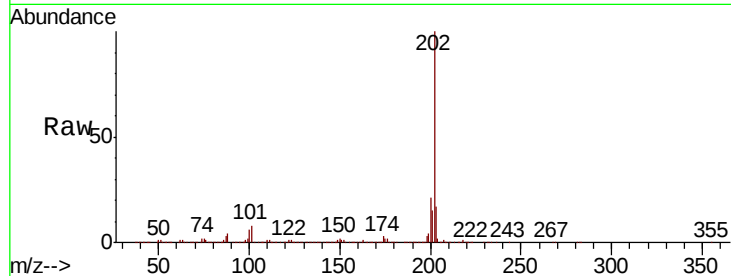
ClientSampleId :

BEP11

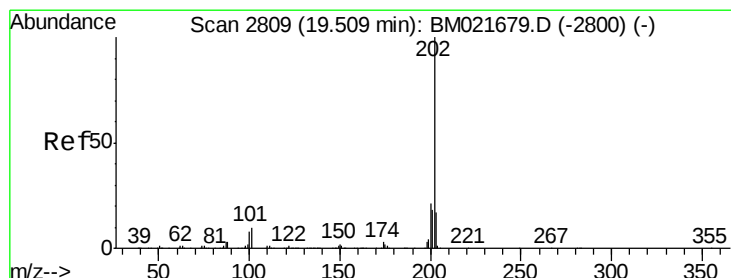
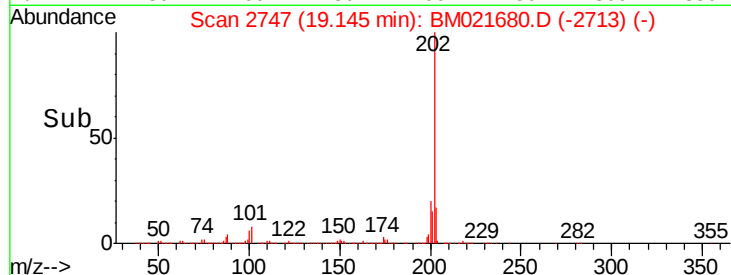
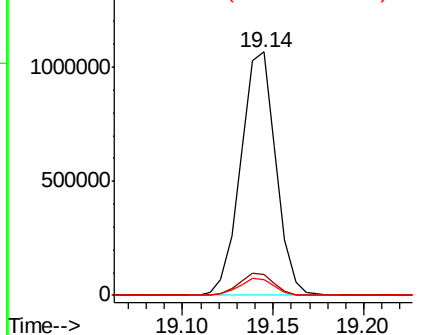
Tot Ion:	202	Resp:	1431134
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	6.3	5.1	7.7

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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: 30.171 ng/ul

RT: 19.51 min Scan# 2809

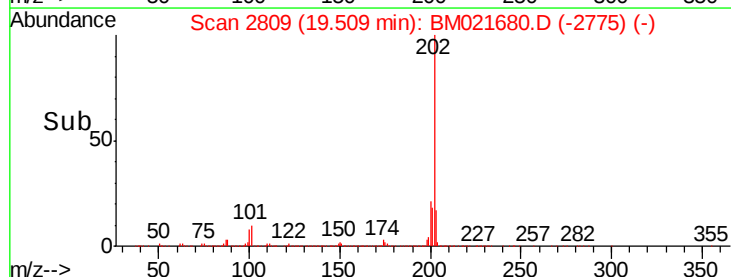
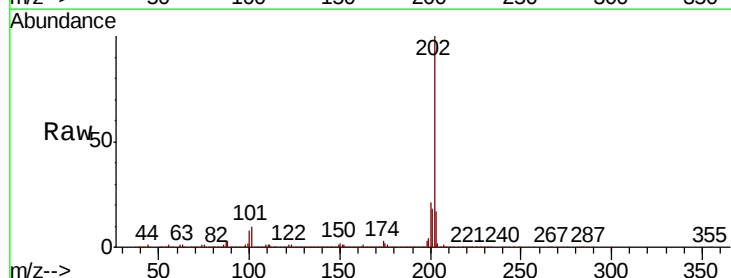
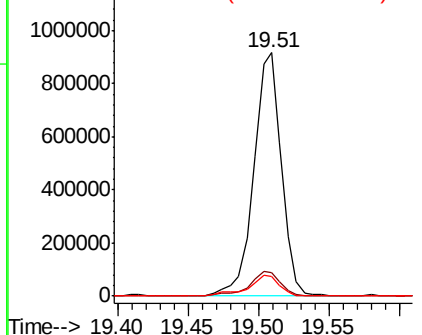
Delta R.T. -0.00 min

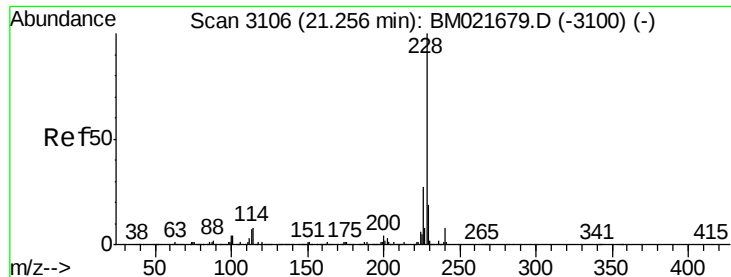
Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Tgt Ion:	202	Resp:	1256515
Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.2
100	8.0	7.0	10.4

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: 15.344 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Instrument :

BNA_M

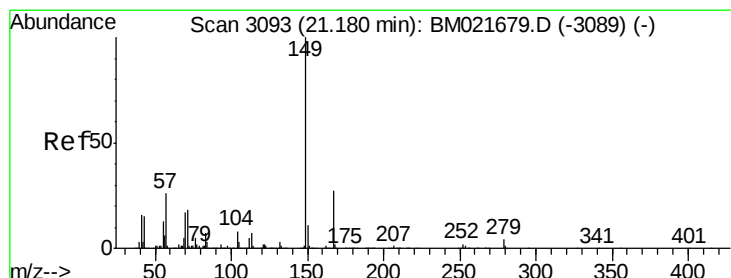
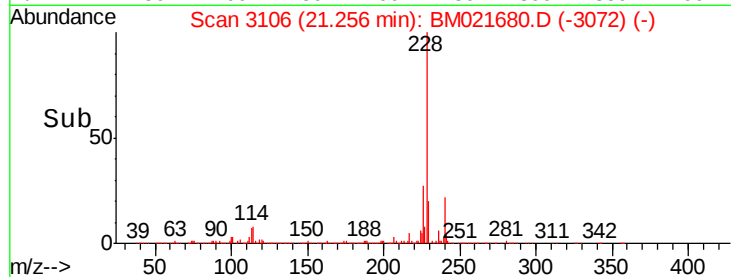
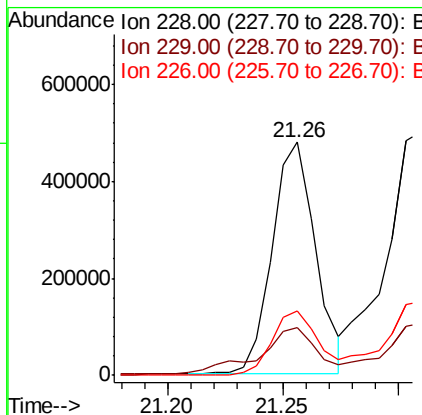
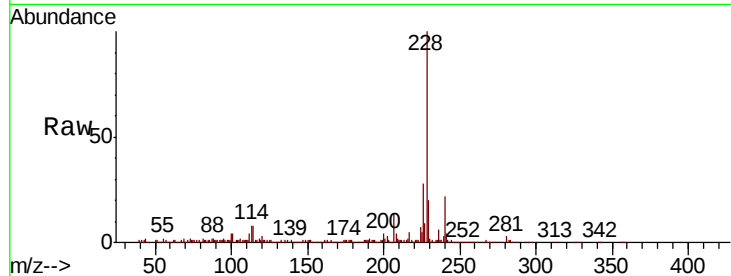
ClientSampleId :

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Tot Ion:	228	Resp:	623669
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.7	23.5
226	27.6	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.523 ng/ul

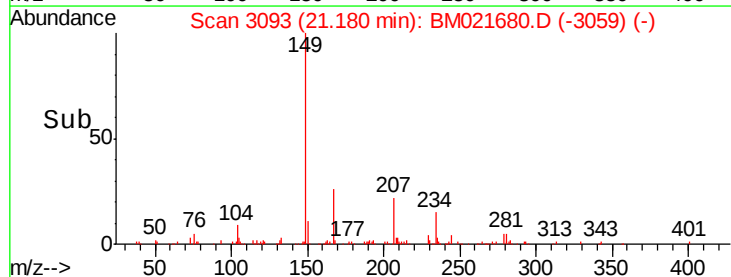
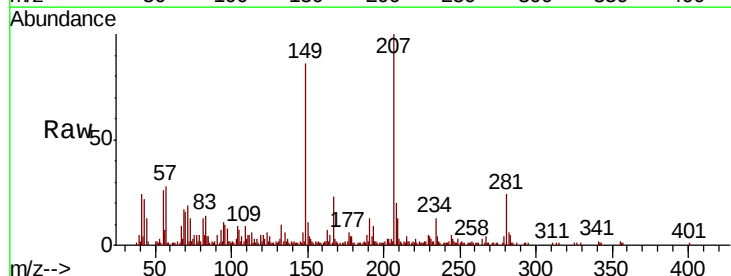
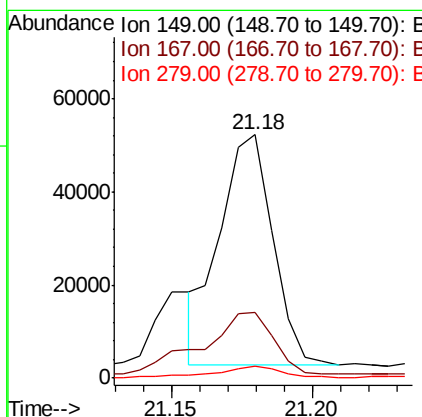
RT: 21.18 min Scan# 3093

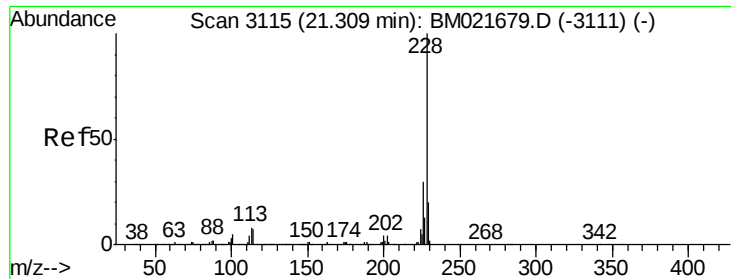
Delta R.T. -0.00 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Tgt Ion:	149	Resp:	65159
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.6	32.4
279	5.2	3.8	5.6





#84

Chrysene

Concen: 19.734 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Instrument :

BNA_M

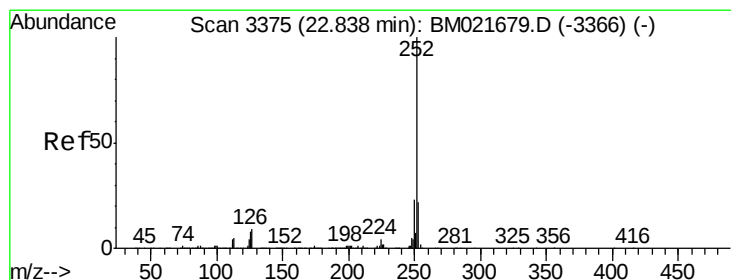
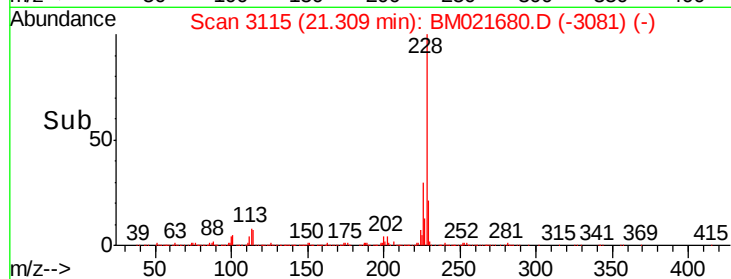
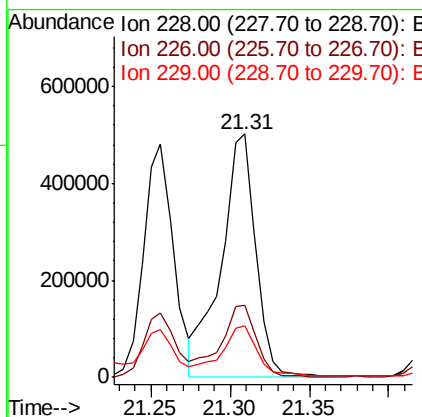
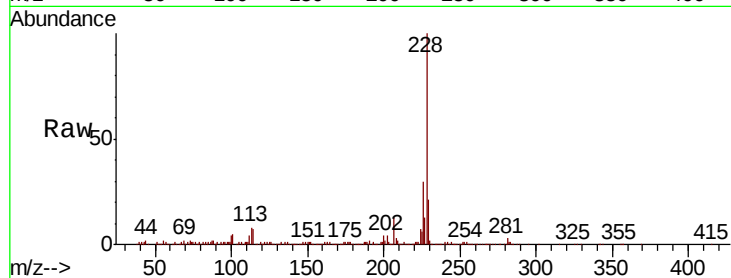
ClientSampleId :

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Tot Ion:	228	Resp:	756179
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	21.1	15.7	23.5

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#87

Benzo(b)fluoranthene

Concen: 23.973 ng/ul

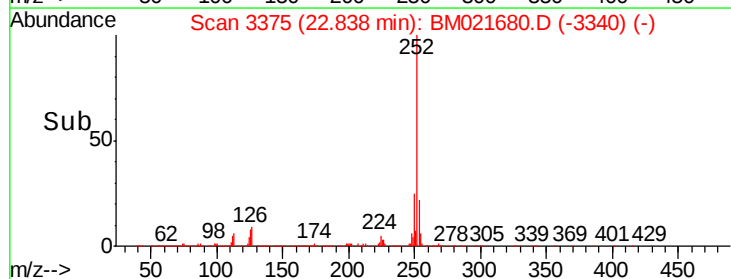
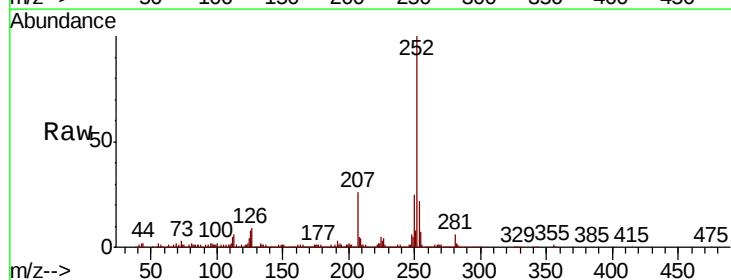
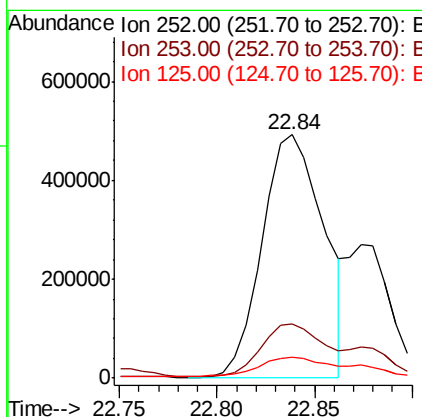
RT: 22.84 min Scan# 3375

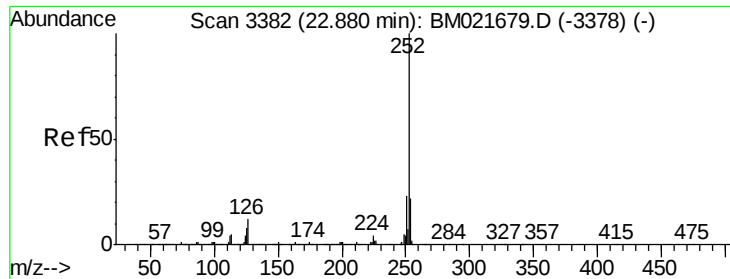
Delta R.T. 0.01 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Tgt Ion:	252	Resp:	1072347
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	8.4	6.3	9.5





#88

Benzo(k)fluoranthene

Concen: 8.907 ng/ul m

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Instrument :

BNA_M

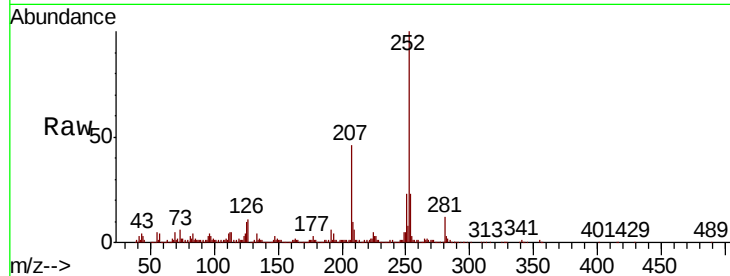
ClientSampleId :

BEP11

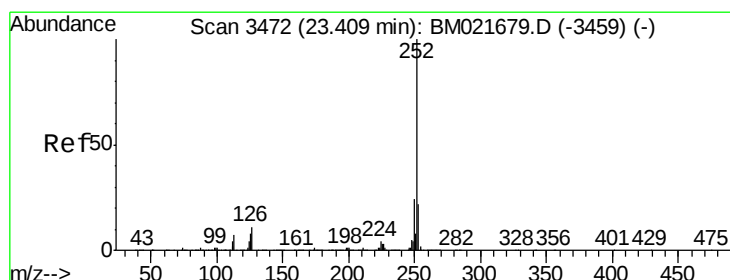
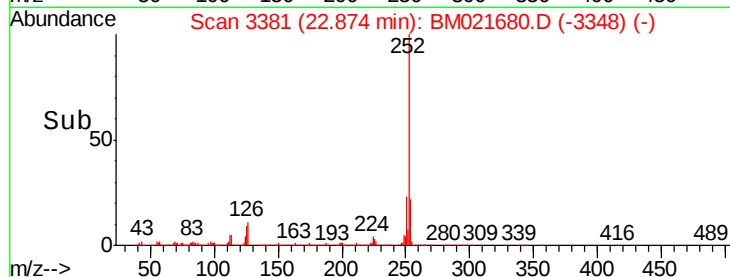
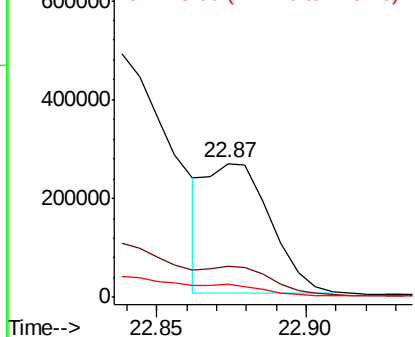
Tot Ion:	252	Resp:	389511
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	9.6	6.3	9.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 16.524 ng/ul

RT: 23.41 min Scan# 3472

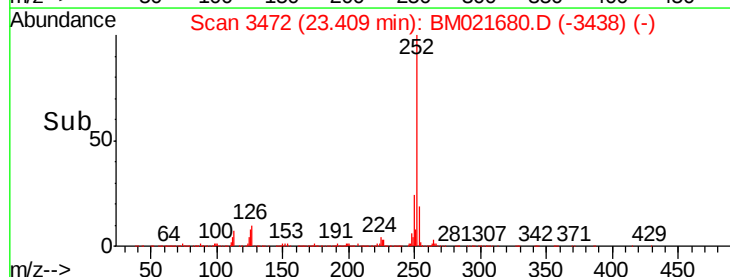
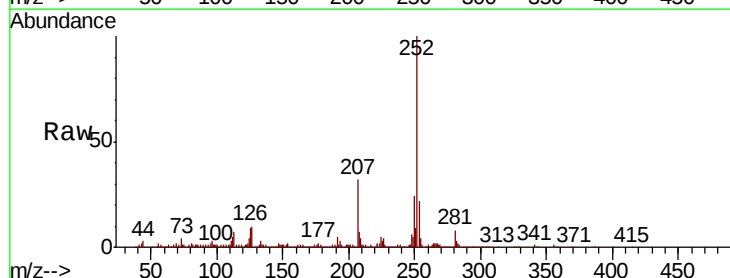
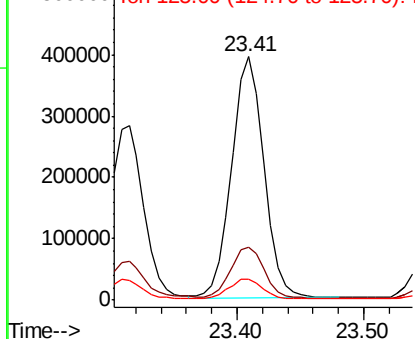
Delta R.T. -0.00 min

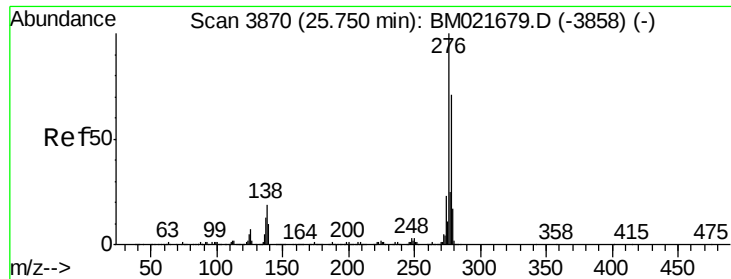
Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Tgt Ion:	252	Resp:	692038
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	8.6	7.0	10.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





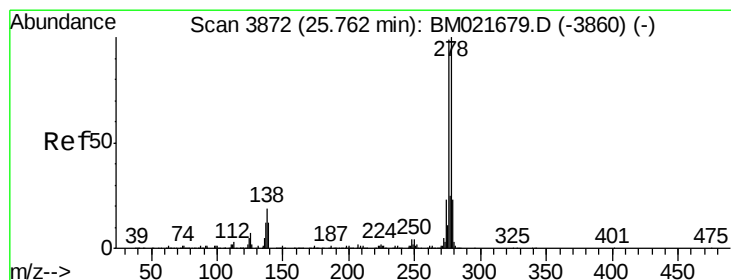
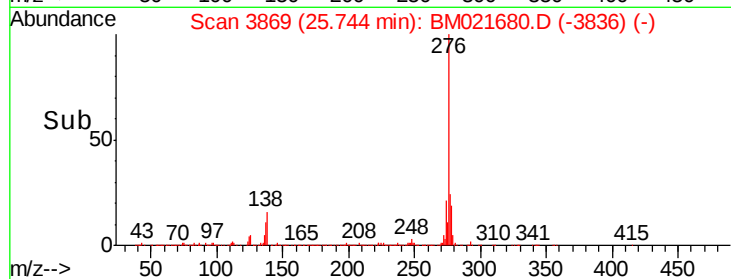
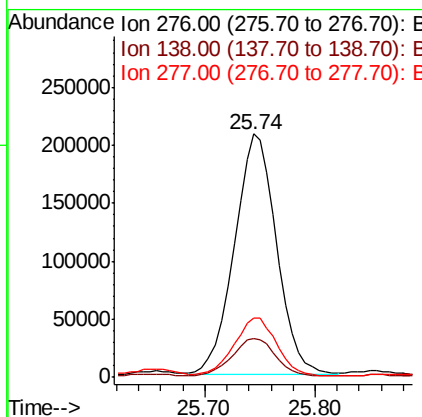
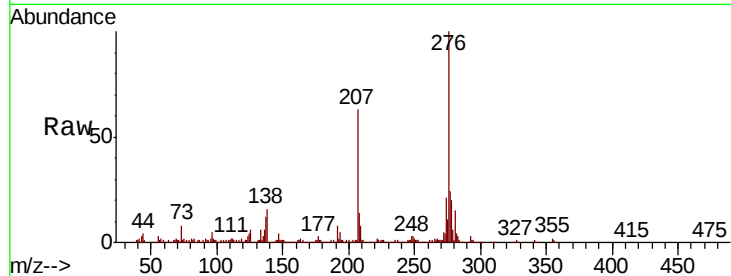
#91
Indeno(1,2,3-cd)pyrene
Concen: 11.457 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. -0.01 min
Lab File: BM021680.D
Acq: 27 Jul 2019 09:29

Instrument :
BNA_M
ClientSampled :
BEP11

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.8	22.2
277	24.5	19.7	29.5

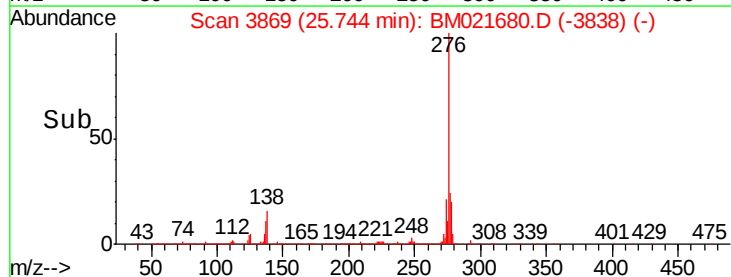
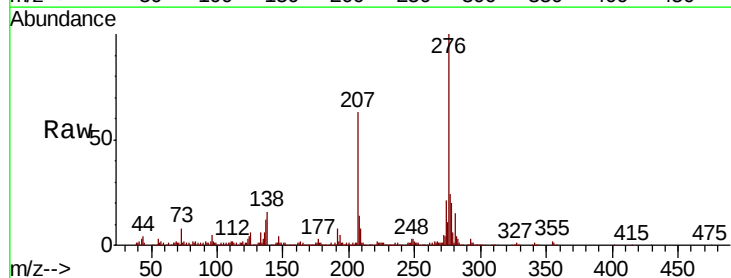
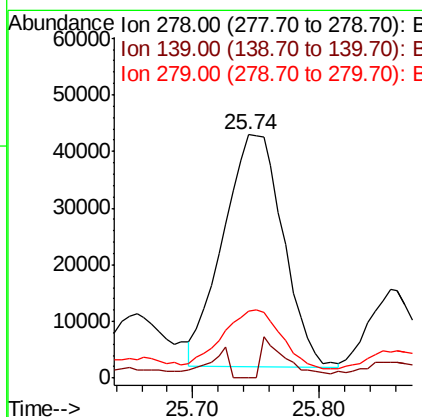
Manual Integrations
APPROVED

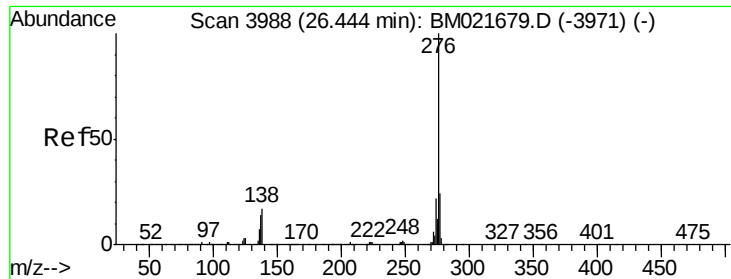
mohammad
7/29/2019 2:29:31 PM



#92
Dibenzo(a,h)anthracene
Concen: 3.331 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BM021680.D
Acq: 27 Jul 2019 09:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.6	14.4#
279	27.4	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 12.226 ng/ul

RT: 26.44 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BM021680.D

Acq: 27 Jul 2019 09:29

Instrument :

BNA_M

ClientSampleId :

BEP11

Tot Ion:	276	Resp:	493739
Ion Ratio	Lower	Upper	
276	100		
138	17.0	13.1	19.7
277	24.7	19.0	28.6

Manual Integrations
APPROVED

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7/29/2019 2:29:31 PM

