

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023219.D
 Acq On : 17 Oct 2019 13:26
 Operator : JU
 Sample : K5199-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP76DL

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:28:11 AM

Quant Time: Oct 17 15:28:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	468761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1779208	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.32	164	1030535	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.07	188	1938955	20.00	ng/ul	0.02
78) Chrysene-d12	21.26	240	2124601	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	2692074	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8671	0.81	ng/uL	0.01
5) Phenol-d5	6.85	99	151112	3.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	96732	4.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	134938	4.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	109934	3.35	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	62956	5.23	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	60214	5.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.08	165	126463	4.34	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	74315	2.10	ng/ul	0.02
44) Dimethylphthalate-d6	13.73	166	383810	4.86	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	464540	5.02	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	22597	1.77	ng/ul	0.02
58) Fluorene-d10	15.32	176	337957	5.02	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	8384	1.09	ng/ul	0.03
71) Anthracene-d10	17.16	188	494475	5.29	ng/ul	0.01
79) Pyrene-d10	19.46	212	549758	5.34	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.34	264	716138	5.25	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.78	163	106477	1.347	ng/ul	99
70) Phenanthrene	17.11	178	484418	4.452	ng/ul	98
72) Anthracene	17.20	178	131975m	1.174	ng/ul	
76) Di-n-butylphthalate	18.05	149	141920	1.187	ng/ul#	96
77) Fluoranthene	19.13	202	1183059	9.142	ng/ul	99
80) Pyrene	19.49	202	1188273	8.928	ng/ul	100
83) Benzo(a)anthracene	21.24	228	725451	5.039	ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.20	149	1475001	20.039	ng/ul#	98
85) Chrysene	21.29	228	784936	5.872	ng/ul#	91
88) Benzo(b)fluoranthene	22.82	252	1058366	6.484	ng/ul#	82
89) Benzo(k)fluoranthene	22.86	252	388350m	2.478	ng/ul	
91) Benzo(a)pyrene	23.39	252	808464	5.163	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.71	276	582982	3.129	ng/ul#	90
94) Benzo(g,h,i)perylene	26.39	276	561007	3.658	ng/ul#	89

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

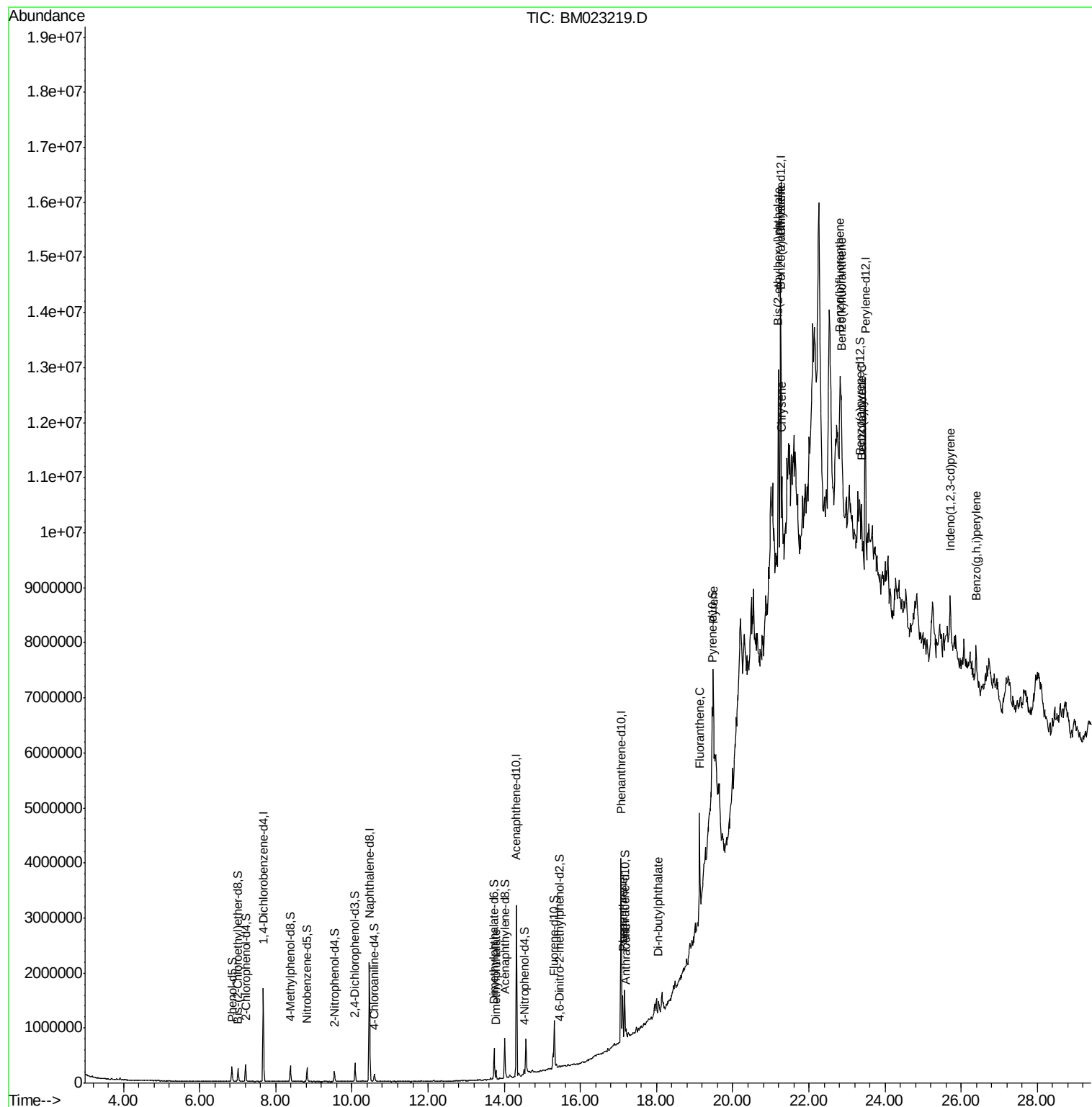
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023219.D
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Sample : K5199-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

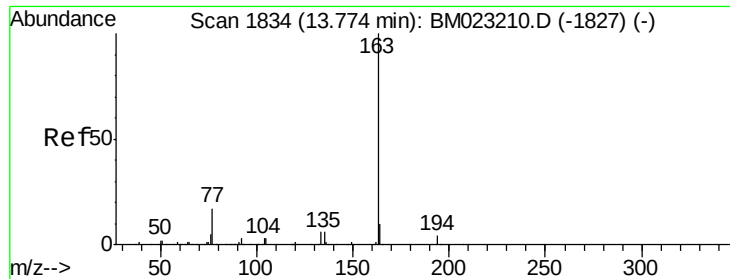
Instrument :
BNA_M
ClientSampled :
BEP76DL

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Quant Time: Oct 17 15:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
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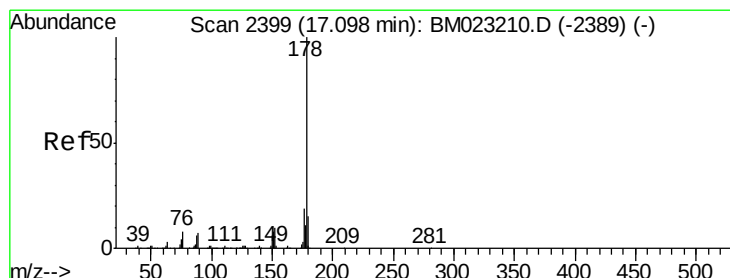
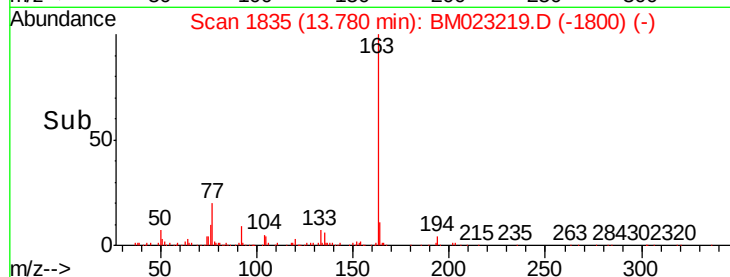
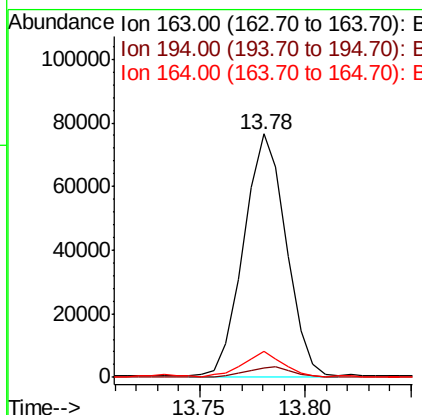
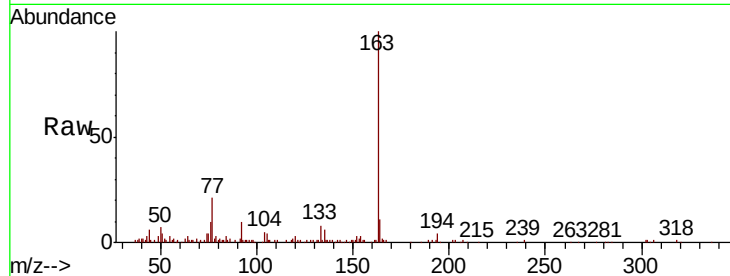
#45
Dimethylphthalate
Concen: 1.347 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Instrument :
BNA_M
ClientSampleID :
BEP76DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	106477		
194	4.0		3.5	5.3
164	10.6		8.0	12.0

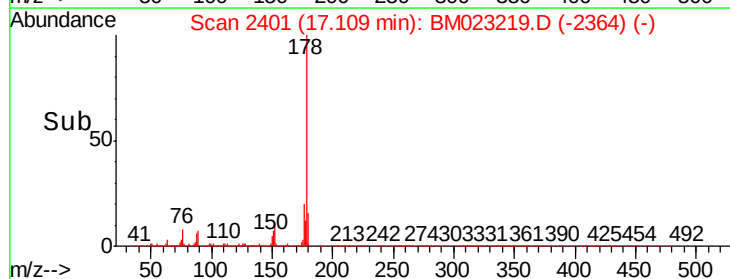
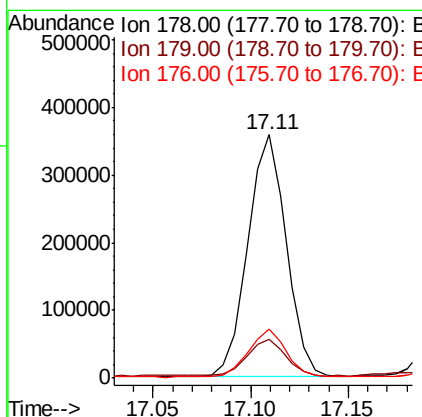
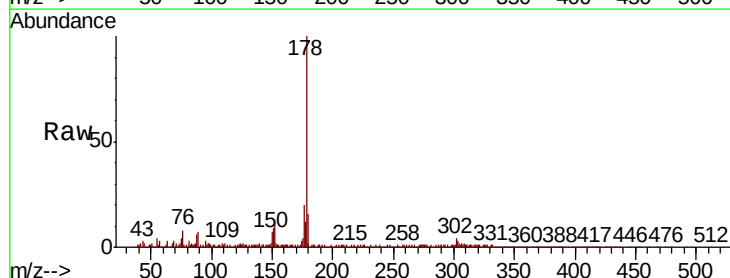
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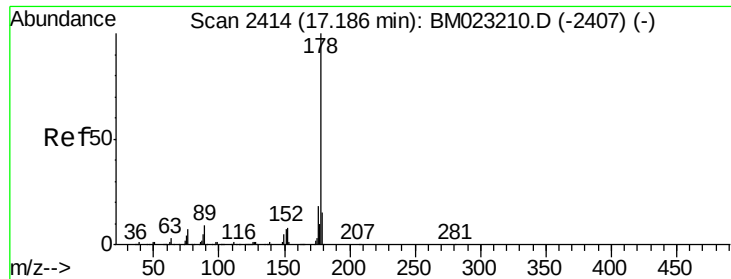
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#70
Phenanthrene
Concen: 4.452 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.02 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	484418		
179	16.2		12.3	18.5
176	20.1		15.5	23.3





#72

Anthracene

Concen: 1.174 ng/ul m

RT: 17.20 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

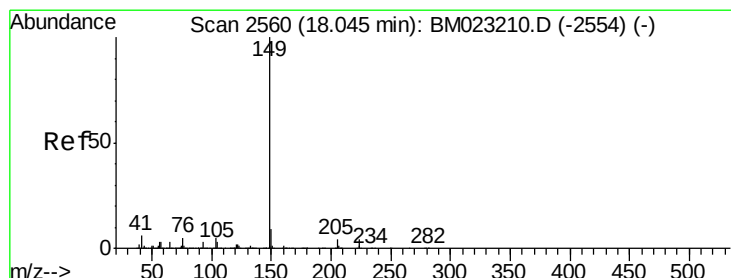
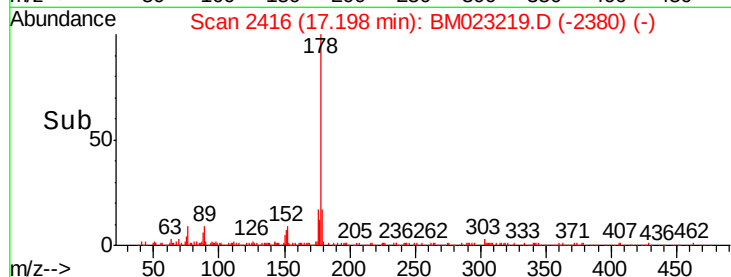
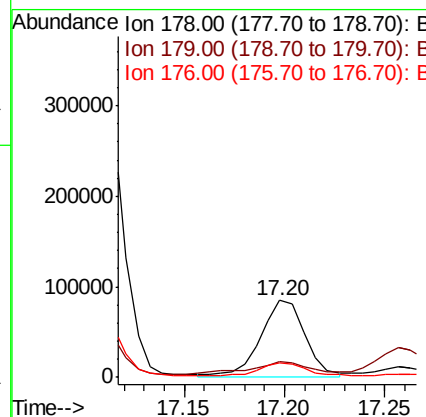
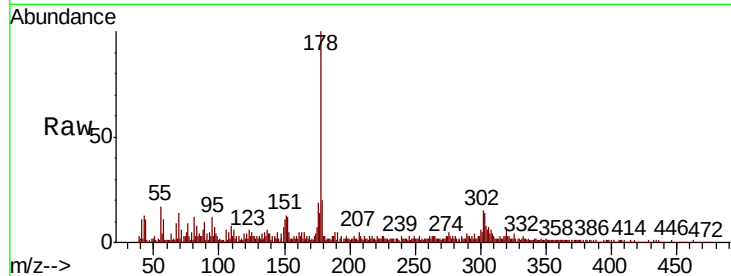
ClientSampleId :

BEP76DL

Tot Ion:	178	Resp:	131975
Ion Ratio	Lower	Upper	
178	100		
179	20.0	12.3	18.5#
176	19.0	15.0	22.4

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#76

Di-n-butylphthalate

Concen: 1.187 ng/ul

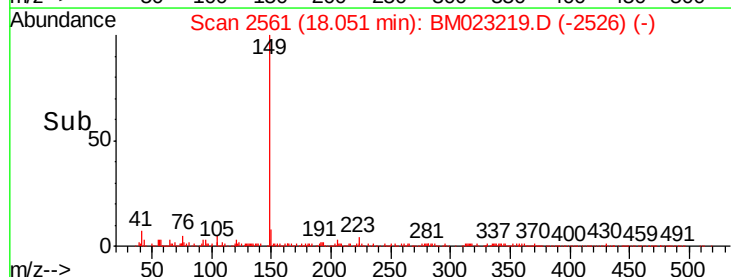
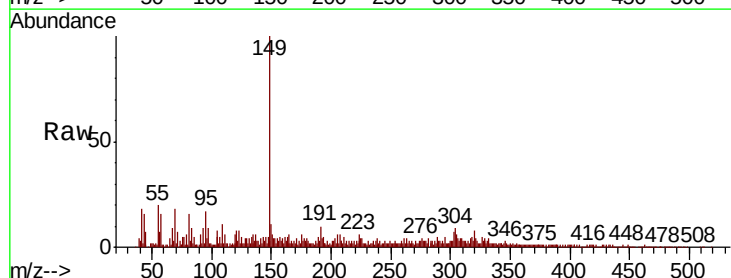
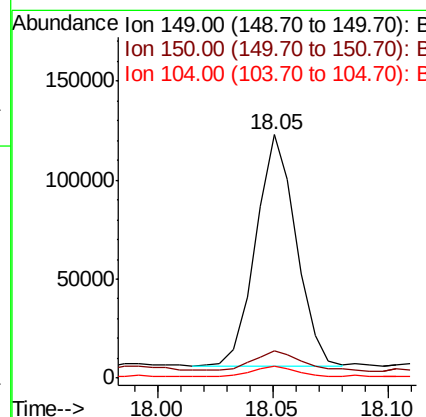
RT: 18.05 min Scan# 2561

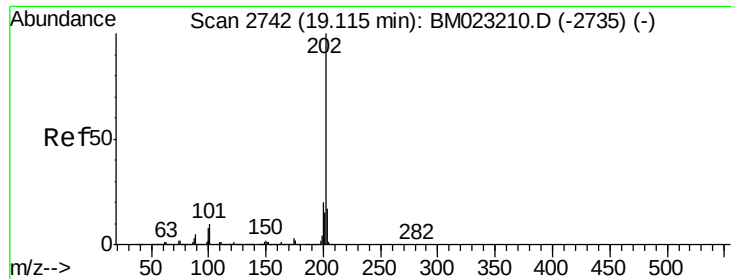
Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Tgt Ion:	149	Resp:	141920
Ion Ratio	Lower	Upper	
149	100		
150	11.2	7.0	10.4#
104	5.0	4.0	6.0





#77

Fluoranthene

Concen: 9.142 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

ClientSampleId :

BEP76DL

Tot Ion:202 Resp: 1183059

Ion Ratio Lower Upper

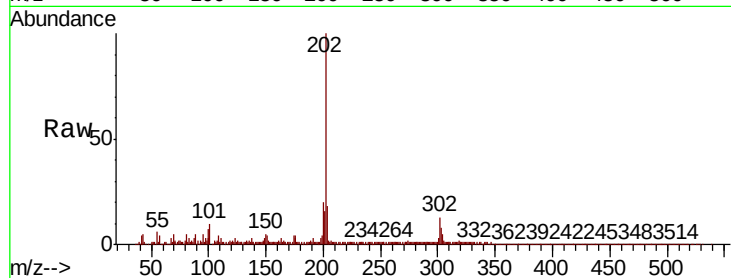
202 100

101 10.1 7.8 11.8

100 7.2 6.1 9.1

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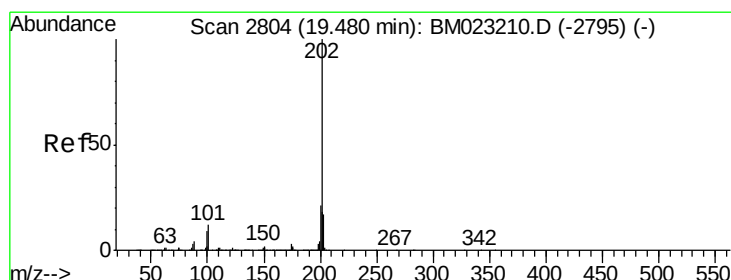
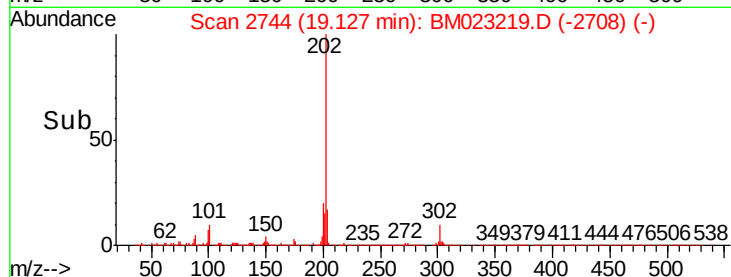
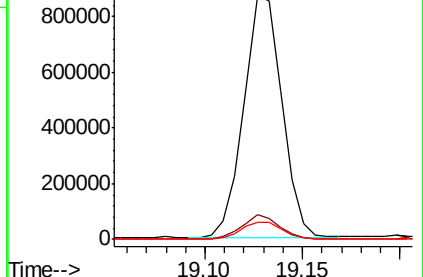
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 8.928 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. 0.02 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

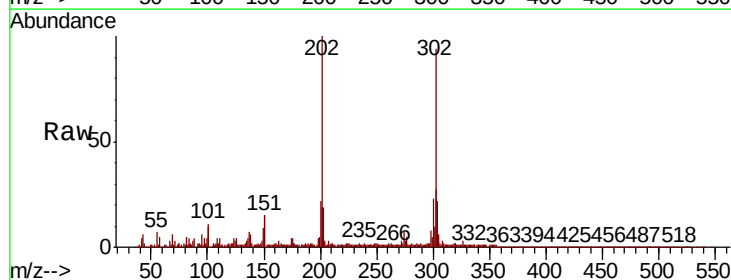
Tgt Ion:202 Resp: 1188273

Ion Ratio Lower Upper

202 100

101 11.2 9.1 13.7

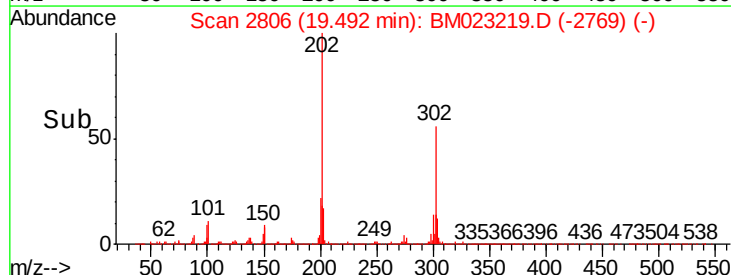
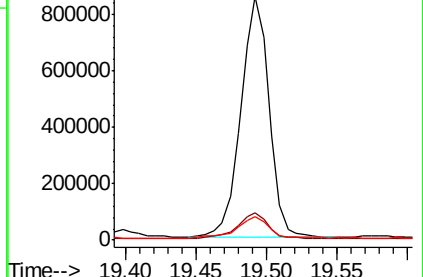
100 9.6 7.5 11.3

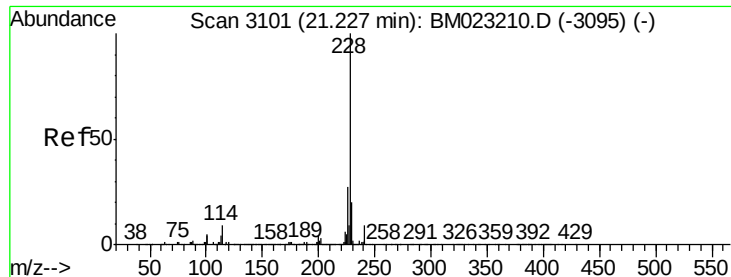


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 5.039 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.02 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

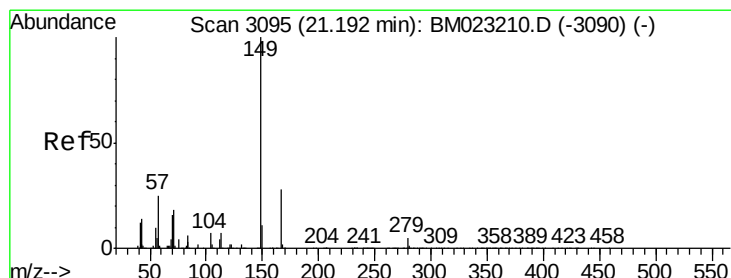
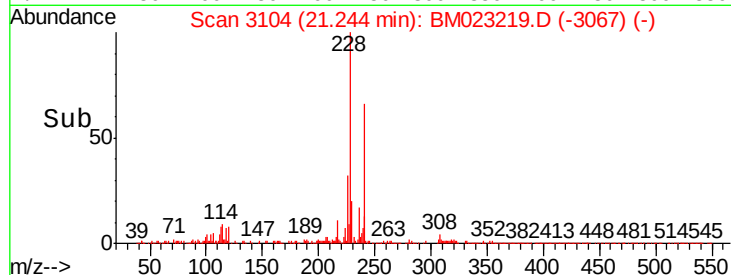
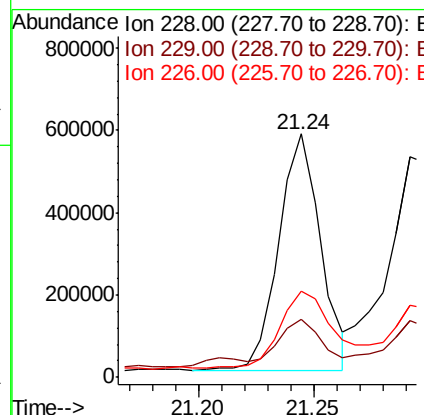
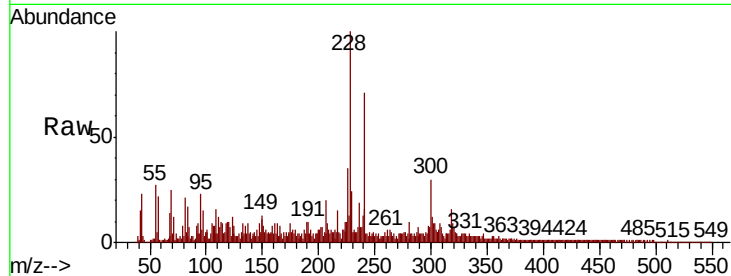
ClientSampleId :

BEP76DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	23.8	15.7	23.5#		
226	35.3	21.6	32.4#		

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#84

Bis(2-ethylhexyl)phthalate

Concen: 20.039 ng/ul

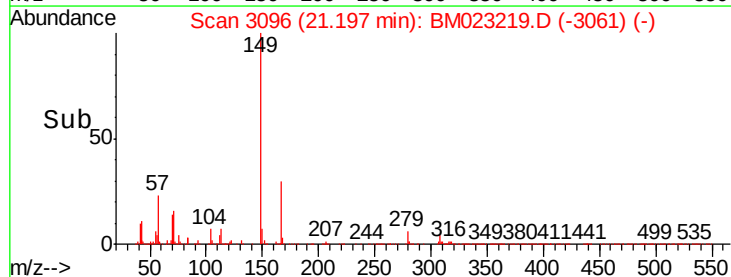
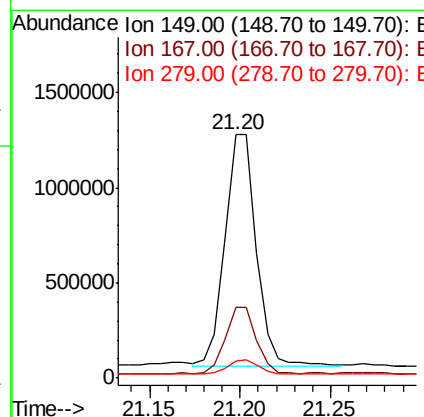
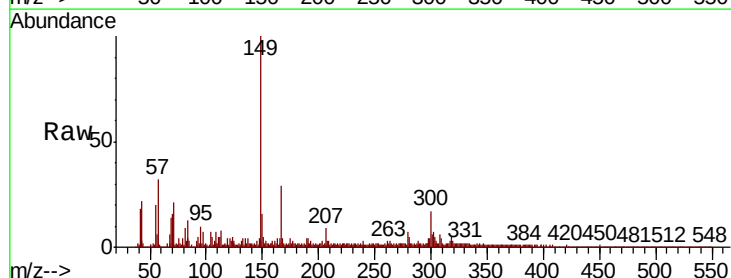
RT: 21.20 min Scan# 3096

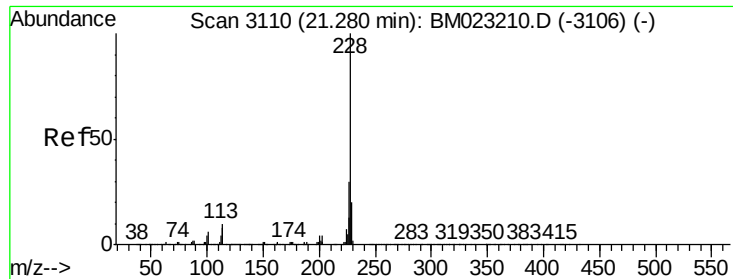
Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	29.0	22.5	33.7		
279	6.9	4.0	6.0#		





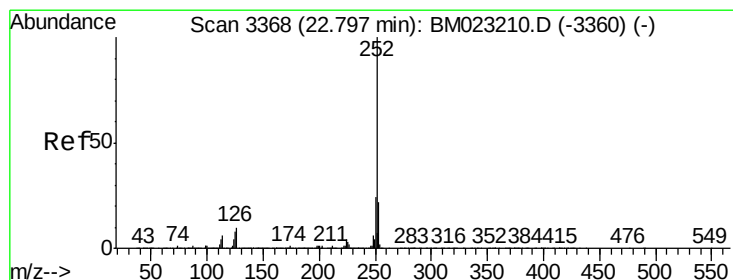
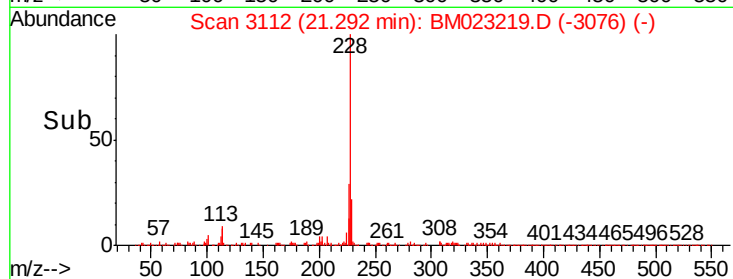
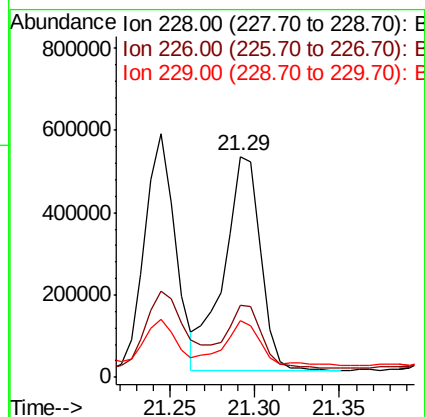
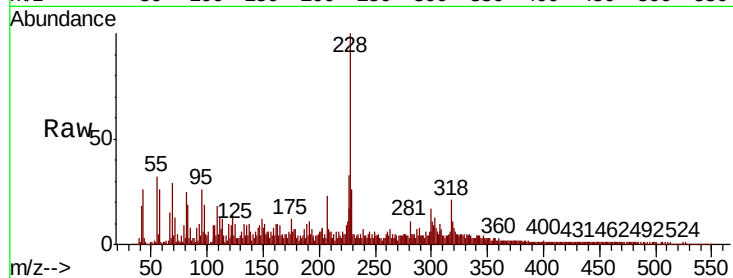
#85
 Chrysene
 Concen: 5.872 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM023219.D
 Acq: 17 Oct 2019 13:26

Instrument :
 BNA_M
 ClientSampleID :
 BEP76DL

Tot Ion:	228	Resp:	784936
Ion Ratio		Lower	Upper
228	100		
226	32.8	23.8	35.6
229	25.9	15.5	23.3

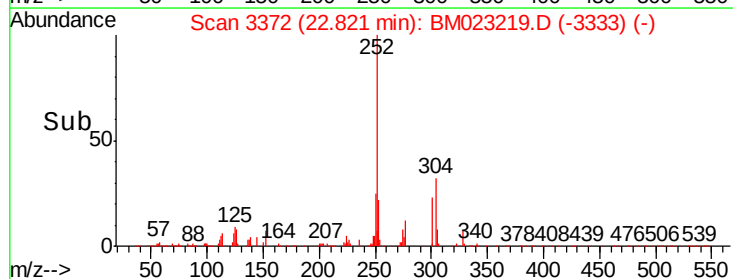
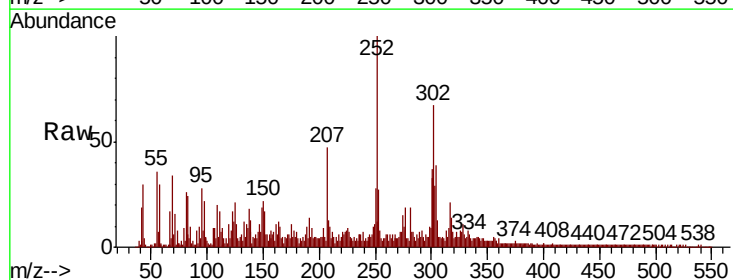
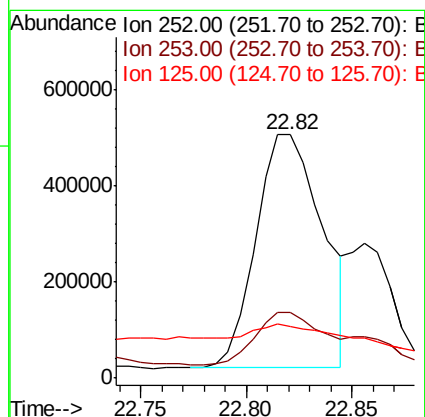
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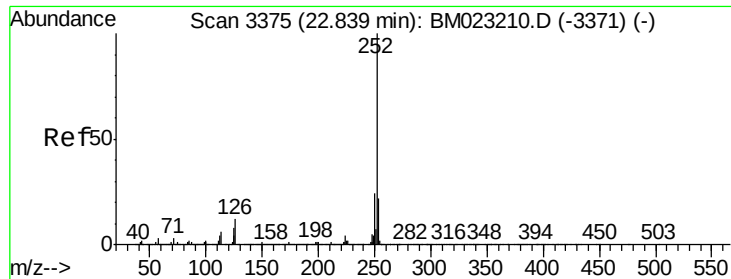
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#88
 Benzo(b)fluoranthene
 Concen: 6.484 ng/ul
 RT: 22.82 min Scan# 3372
 Delta R.T. 0.03 min
 Lab File: BM023219.D
 Acq: 17 Oct 2019 13:26

Tgt Ion:	252	Resp:	1058366
Ion Ratio		Lower	Upper
252	100		
253	27.1	17.6	26.4
125	21.3	6.4	9.6





#89

Benzo(k)fluoranthene

Concen: 2.478 ng/ul m

RT: 22.86 min Scan# 3378

Delta R.T. 0.02 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

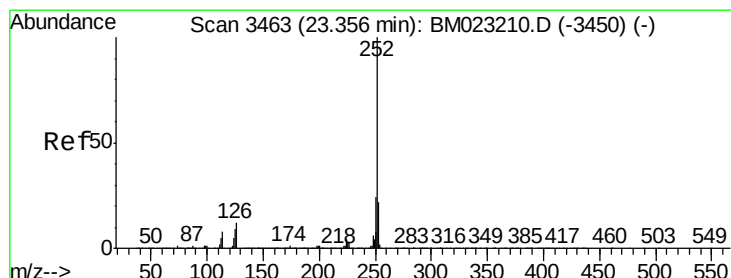
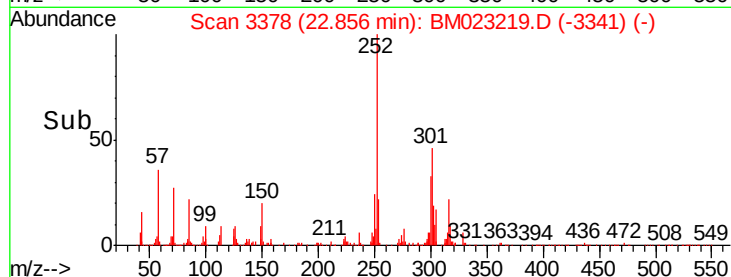
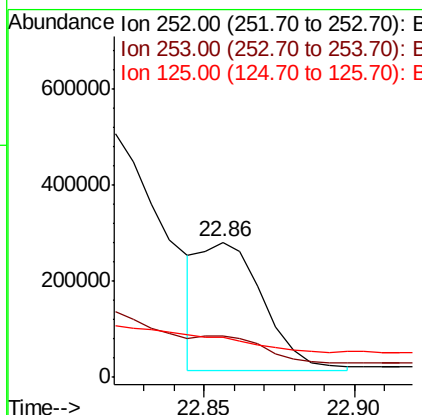
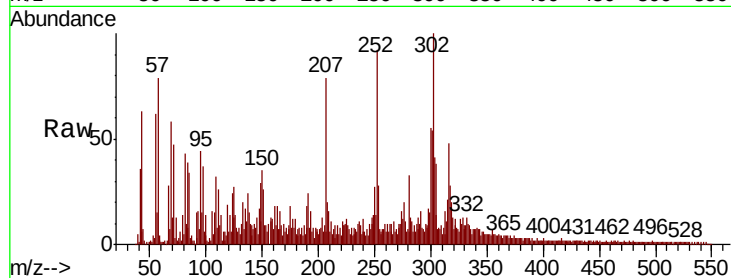
ClientSampleId :

BEP76DL

Tot Ion:	252	Resp:	388350
Ion Ratio	Lower	Upper	
252	100		
253	31.0	17.4	26.0#
125	29.3	6.5	9.7#

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#91

Benzo(a)pyrene

Concen: 5.163 ng/ul

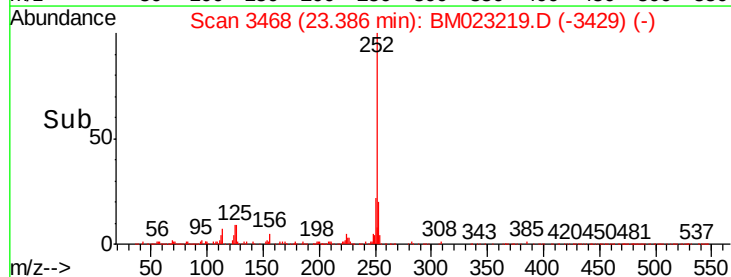
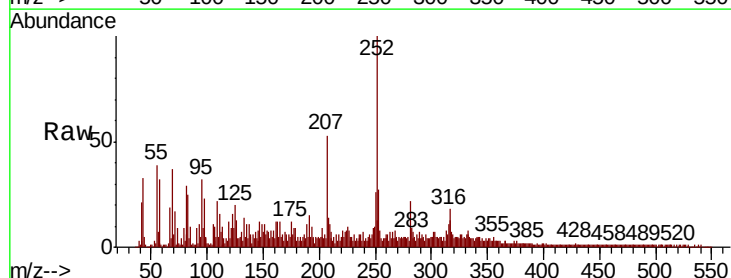
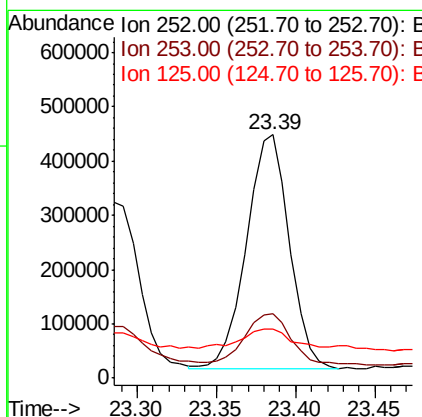
RT: 23.39 min Scan# 3468

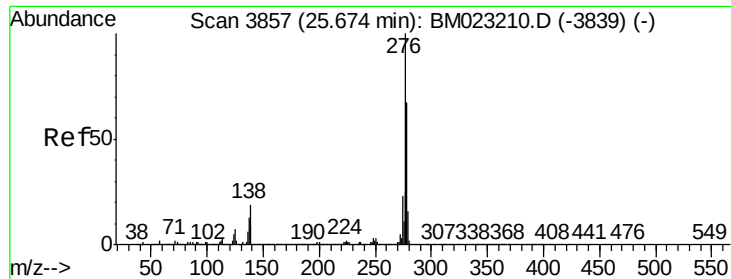
Delta R.T. 0.03 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Tgt Ion:	252	Resp:	808464
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.2	25.8#
125	20.0	7.4	11.0#





#92

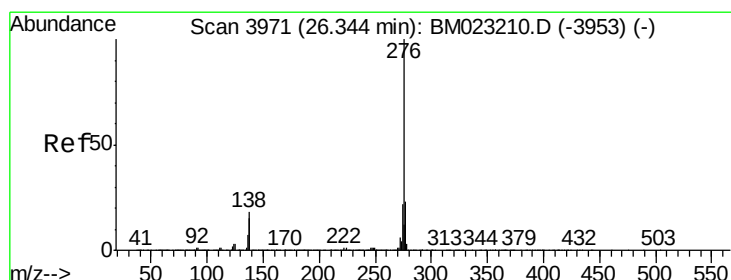
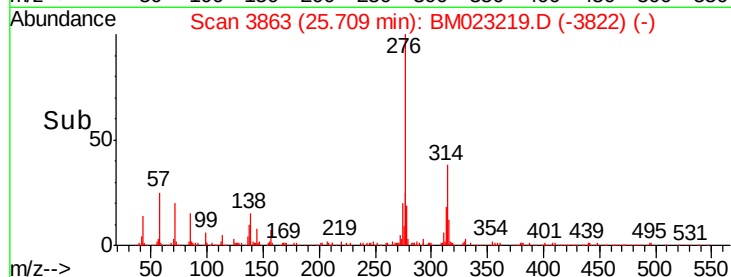
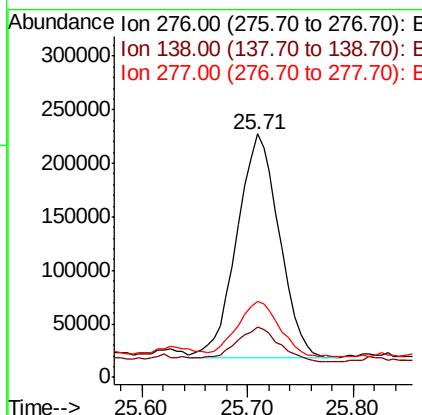
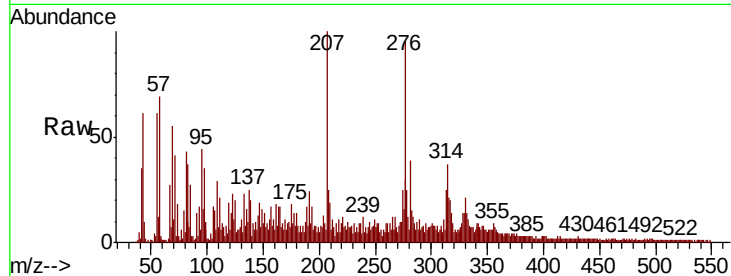
Indeno(1,2,3-cd)pyrene
Concen: 3.129 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. 0.04 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Instrument :
BNA_M
ClientSampleId :
BEP76DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	14.9	22.3
277	31.4	19.8	29.8

Manual Integrations
APPROVED

mohammad
10/18/2019 8:28:11 AM



#94

Benzo(g,h,i)perylene
Concen: 3.658 ng/ul
RT: 26.39 min Scan# 3978
Delta R.T. 0.05 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	14.4	21.6
277	31.1	19.4	29.2

