

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021274.D
 Acq On : 29 Jun 2019 22:29
 Operator : HP/JU
 Sample : K3593-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC4

Manual Integrations
 APPROVED

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 7/1/2019 2:43:25 PM

Quant Time: Jun 30 00:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 29 23:19:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	296738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1301359	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	796408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1630152	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1145807	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1378516	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	20013	3.20	ng/uL	0.00
5) Phenol-d5	6.93	99	567506	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	337875	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	473717	22.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	479330	22.23	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	264953	25.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	314200	26.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	589841	24.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	443006	17.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1846386	25.66	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2196170	24.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	216736	18.52	ng/ul	0.00
57) Fluorene-d10	15.40	176	1563206	24.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	162453	16.21	ng/ul	0.00
70) Anthracene-d10	17.25	188	2083270	24.59	ng/ul	0.00
78) Pyrene-d10	19.54	212	1864496	27.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1950973	23.99	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	251772	3.843	ng/ul	99
69) Phenanthrene	17.19	178	225015	2.496	ng/ul	98
76) Fluoranthene	19.21	202	564879	5.799	ng/ul	99
79) Pyrene	19.57	202	464755	5.737	ng/ul	99
82) Benzo(a)anthracene	21.32	228	228770	2.929	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	143225	3.355	ng/ul	99
84) Chrysene	21.37	228	265787	3.633	ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	415212	4.755	ng/ul#	95
88) Benzo(k)fluoranthene	22.96	252	154468m	1.839	ng/ul	
90) Benzo(a)pyrene	23.51	252	246958	3.005	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.90	276	203898	2.107	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	172866	2.169	ng/ul	99

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

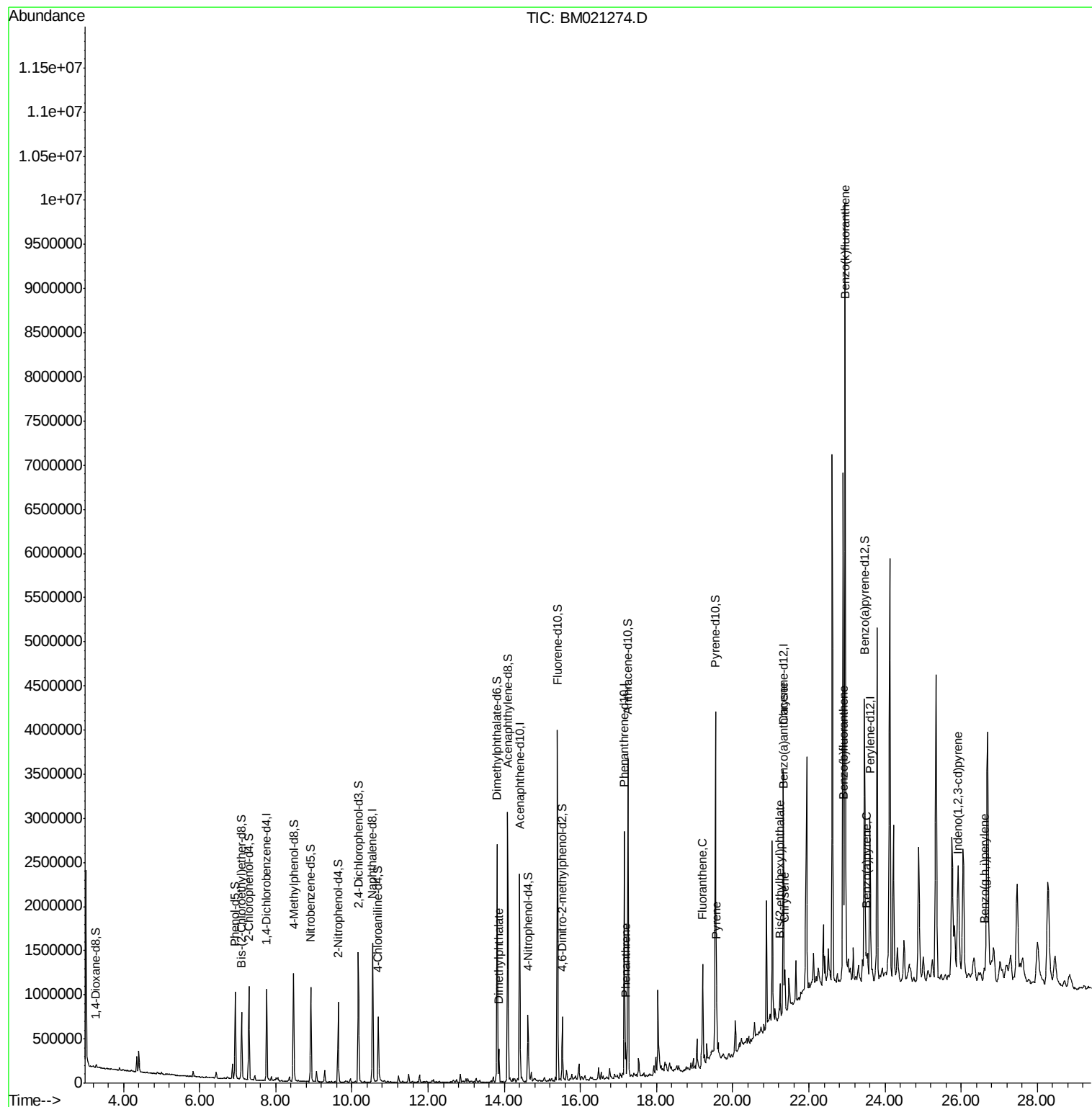
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

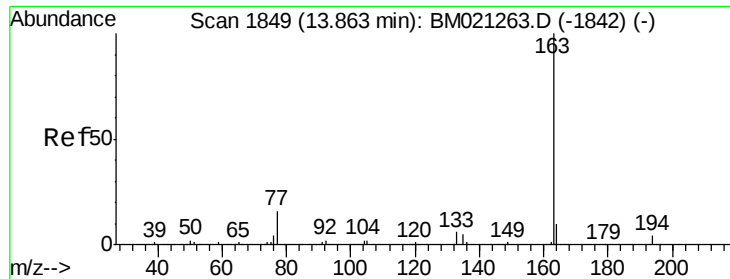
Instrument :
BNA_M
ClientSampleId :
C5BC4

Quant Time: Jun 30 00:34:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 29 23:19:36 2019
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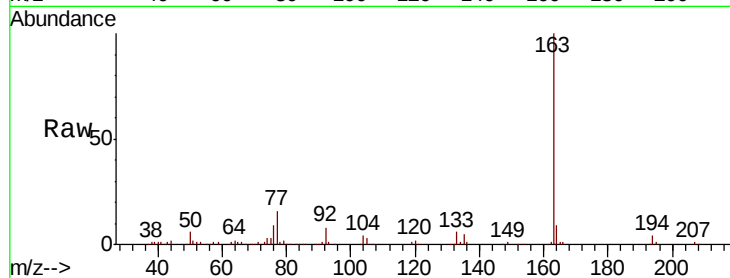
#44
Dimethylphthalate
Concen: 3.843 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Instrument :
BNA_M
ClientSampled :
C5BC4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.2	7.7	11.5

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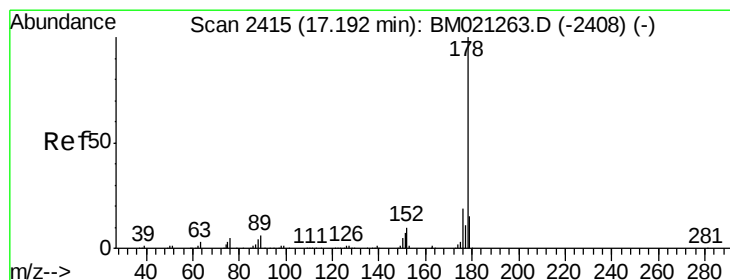
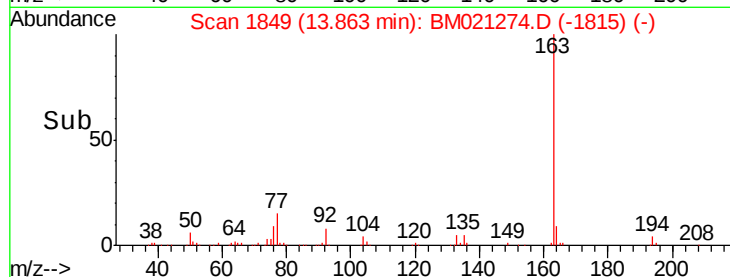
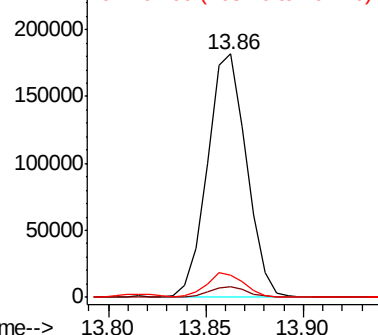


Abundance

Ion 163.00 (162.70 to 163.70): E

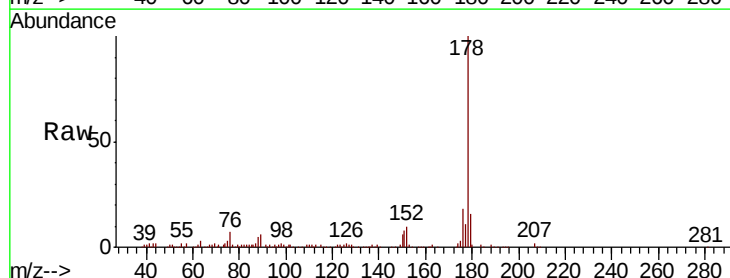
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 2.496 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.4	15.0	22.6

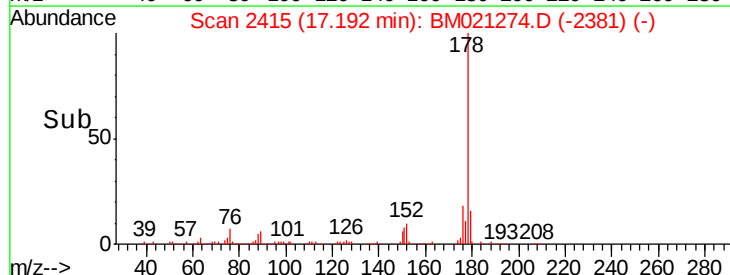
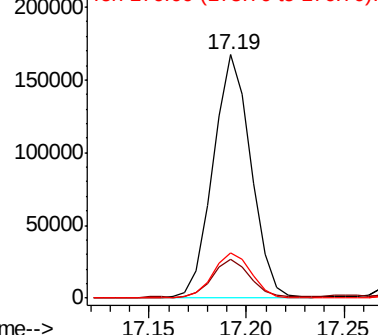


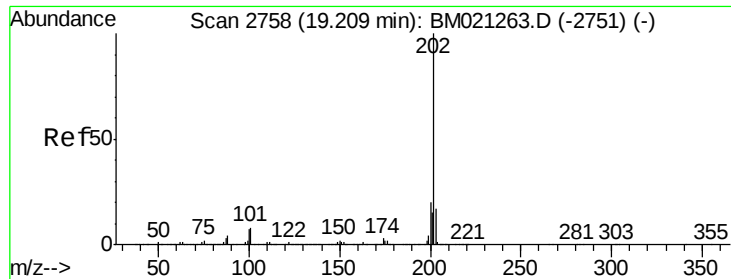
Abundance

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





#76

Fluoranthene

Concen: 5.799 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Instrument :

BNA_M

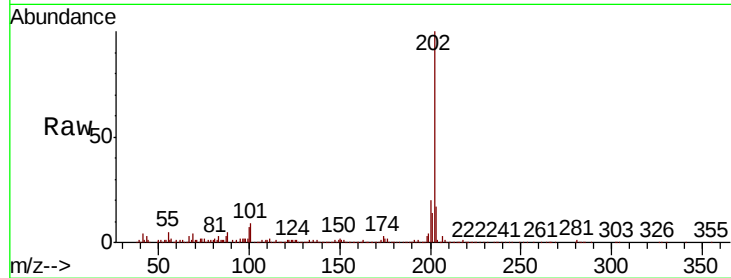
ClientSampleId :

C5BC4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		564879		
101	9.0	6.7	10.1		
100	6.9	5.5	8.3		

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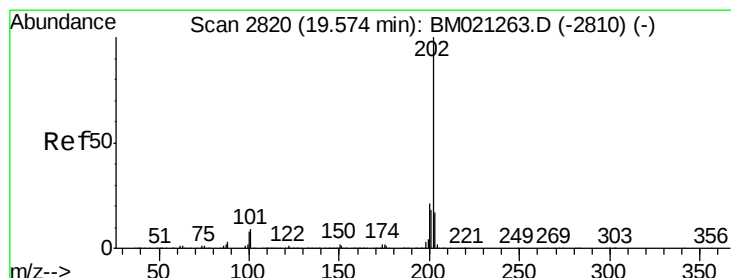
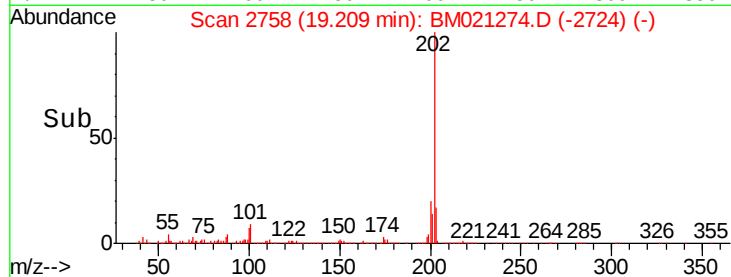
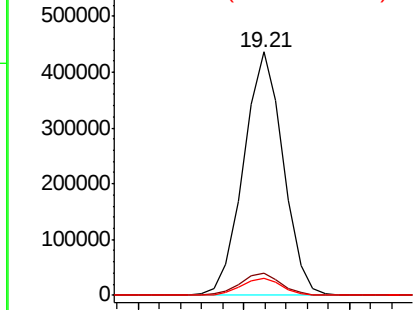


Abundance

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: 5.737 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

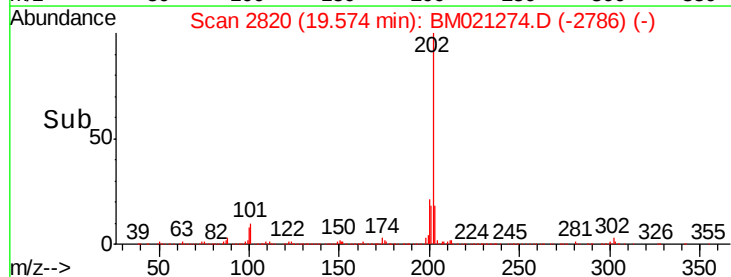
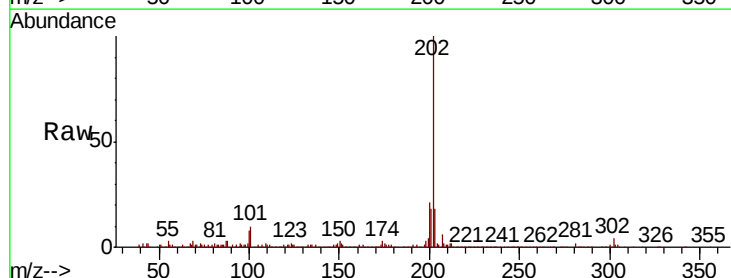
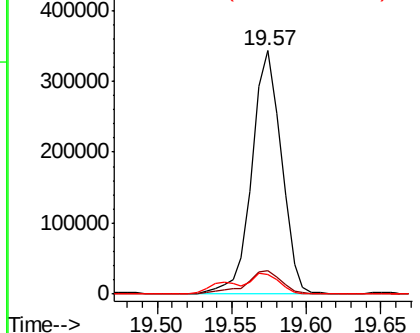
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		464755		
101	9.8	8.1	12.1		
100	8.2	6.6	10.0		

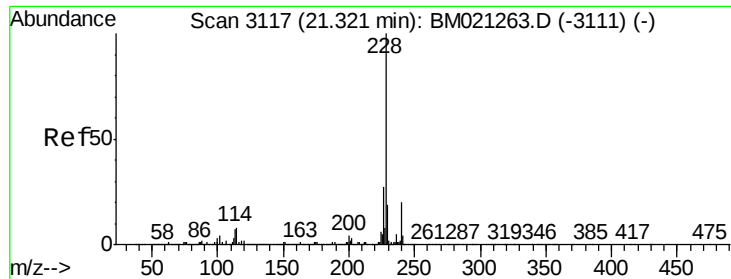
Abundance

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: 2.929 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Instrument :

BNA_M

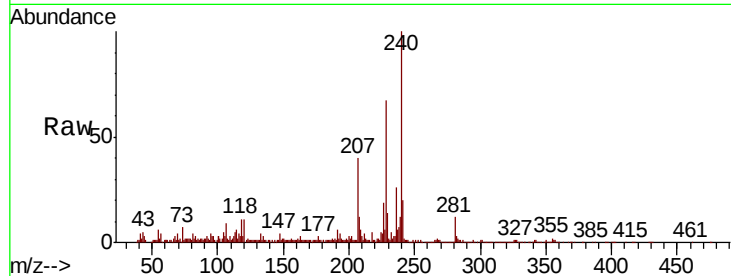
ClientSampleId :

C5BC4

Tot Ion:	228	Resp:	228770
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.8
226	28.0	21.4	32.2

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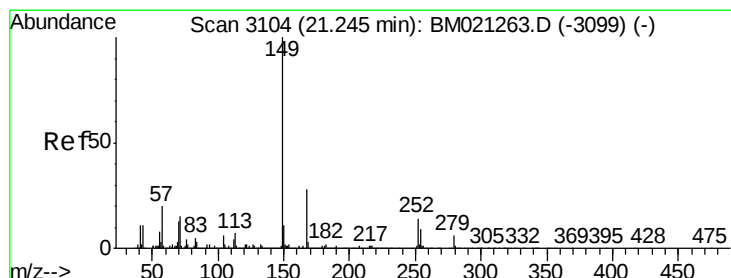
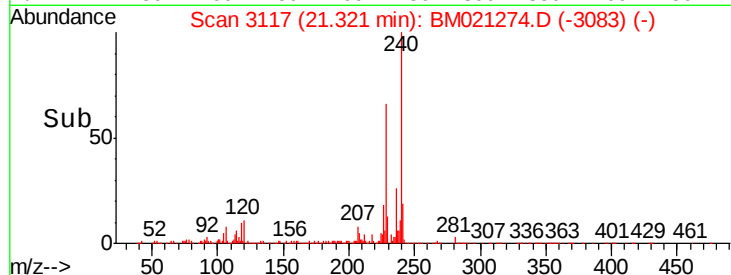
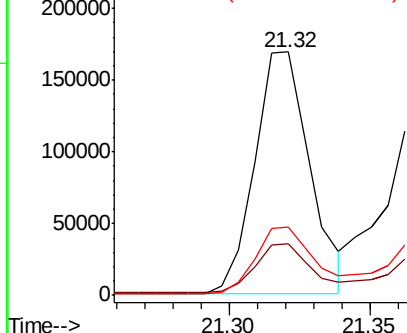


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.355 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

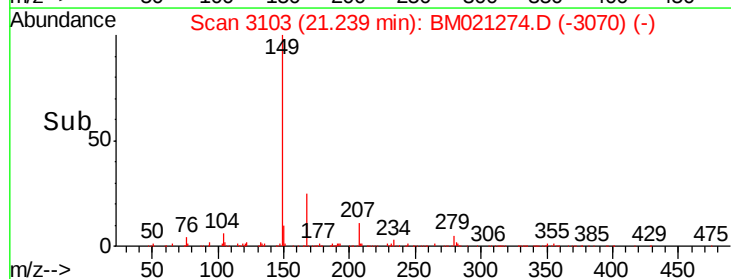
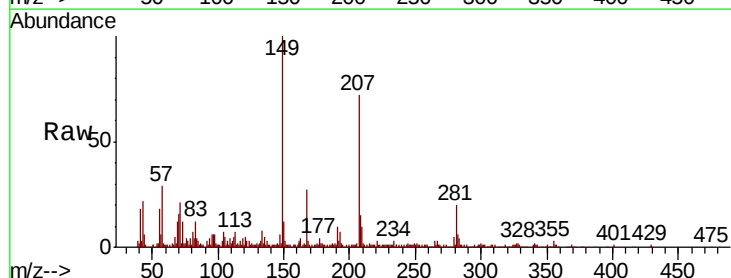
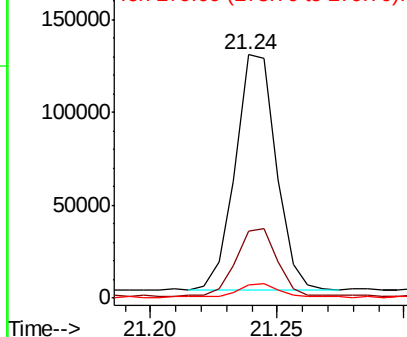
Tgt Ion:	149	Resp:	143225
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.3	33.5
279	5.3	3.8	5.6

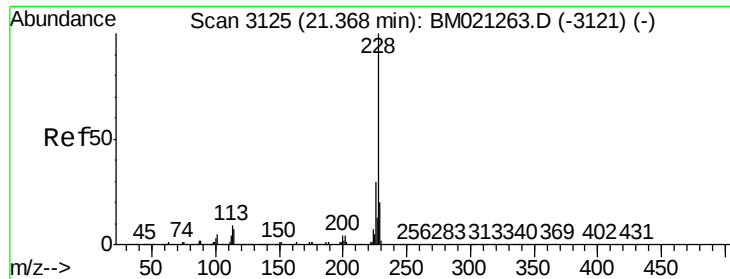
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 3.633 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Instrument :

BNA_M

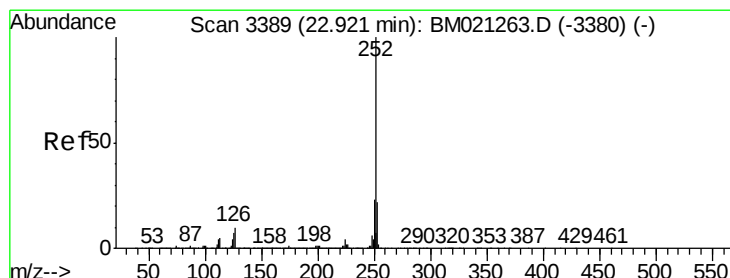
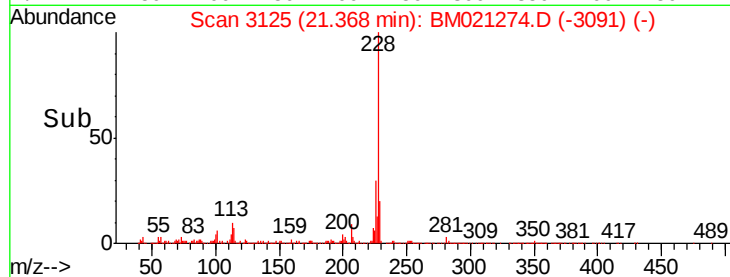
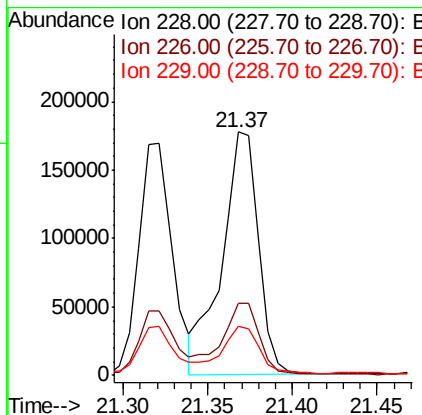
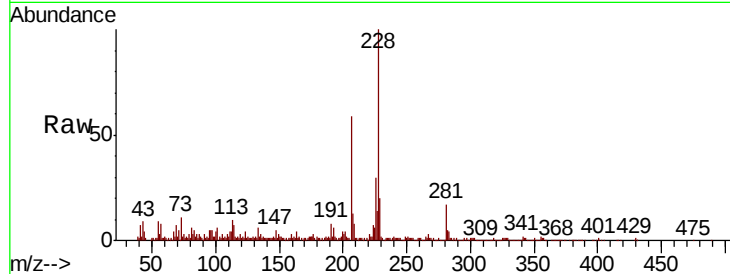
ClientSampleId :

C5BC4

Tot Ion:	228	Resp:	265787
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.9	35.9
229	20.4	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 4.755 ng/ul

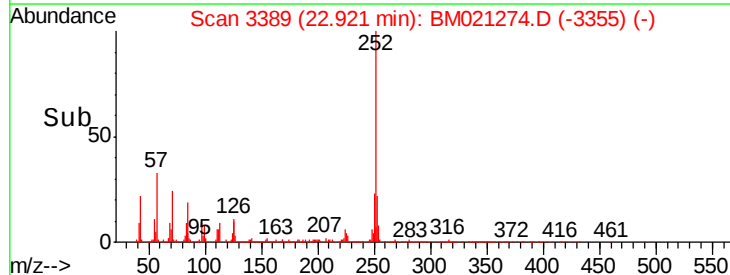
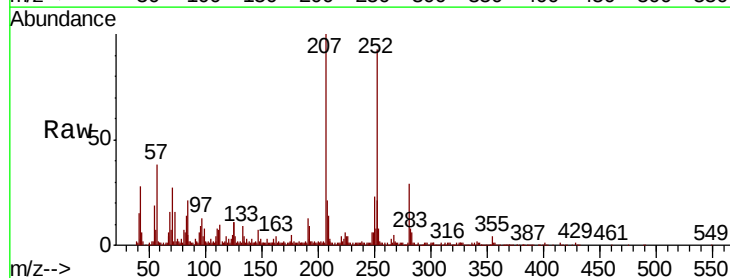
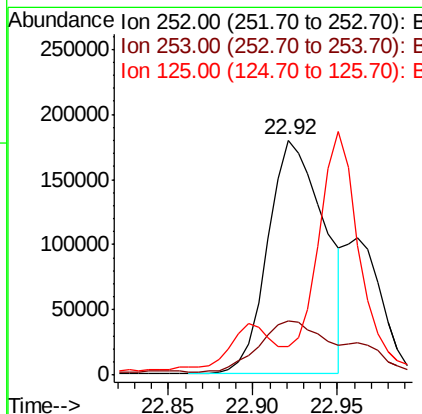
RT: 22.92 min Scan# 3389

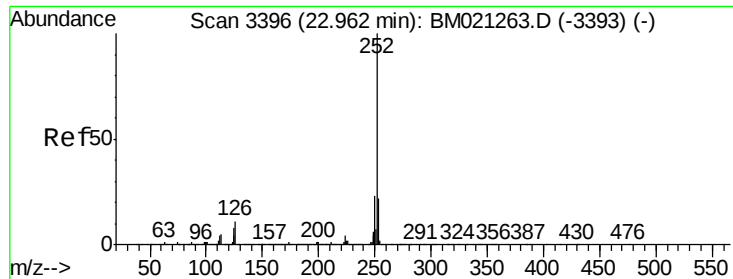
Delta R.T. -0.00 min

Lab File: BM021274.D

Acq: 29 Jun 2019 22:29

Tgt Ion:	252	Resp:	415212
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	12.0	6.3	9.5#





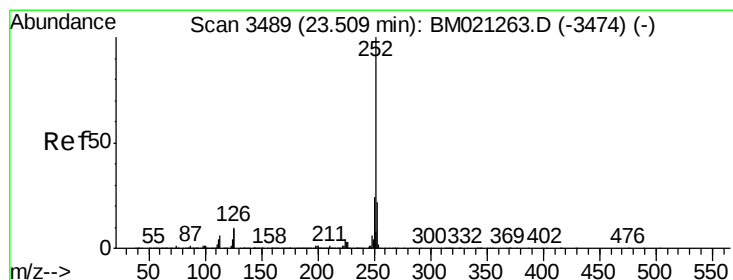
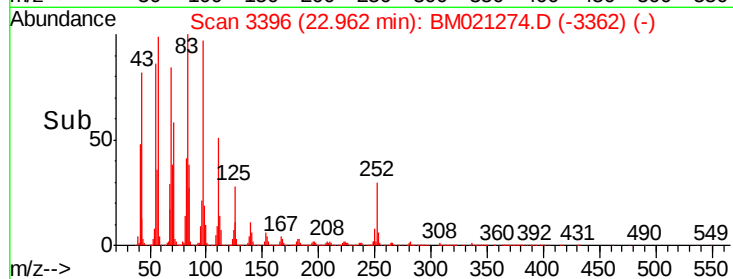
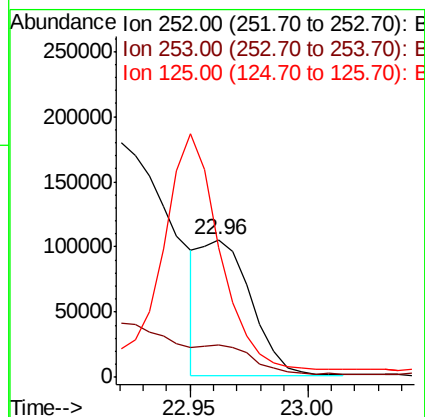
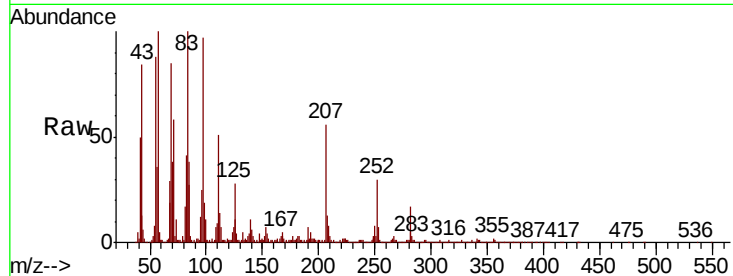
#88
Benzo(k)fluoranthene
Concen: 1.839 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Instrument :
BNA_M
ClientSampled :
C5BC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	94.5	6.6	9.8#

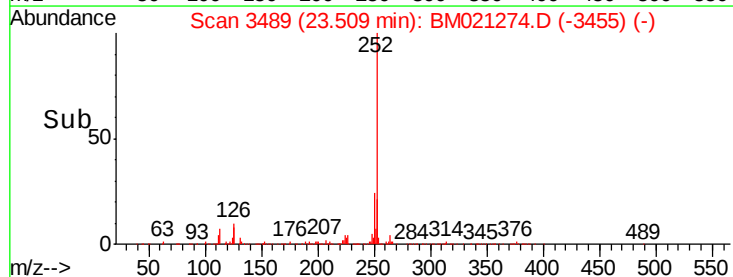
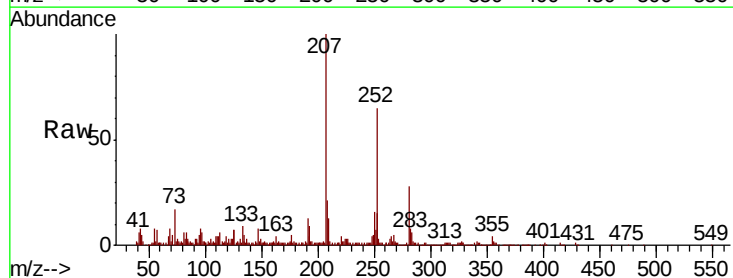
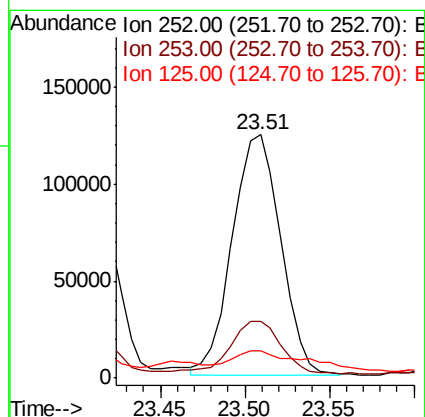
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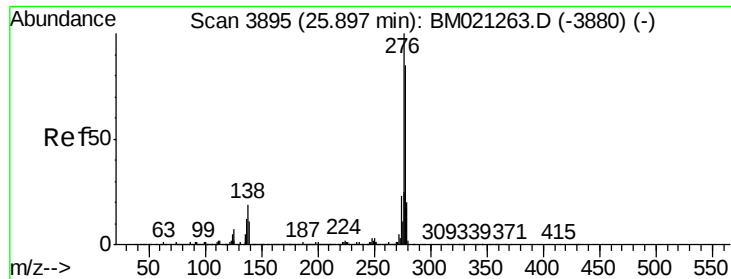
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#90
Benzo(a)pyrene
Concen: 3.005 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.3	7.2	10.8#





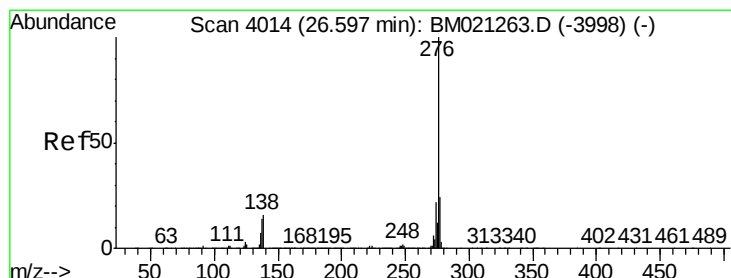
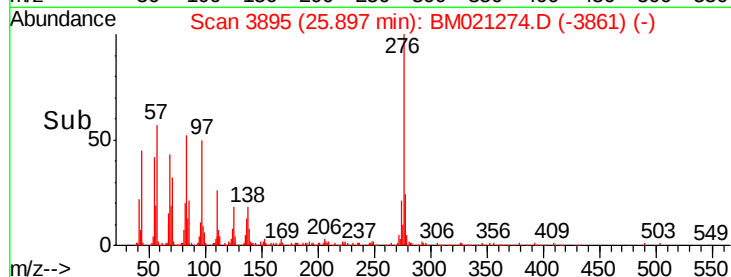
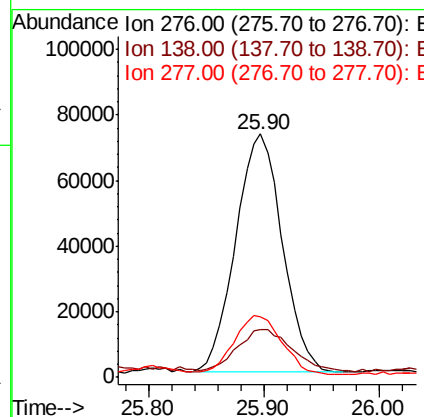
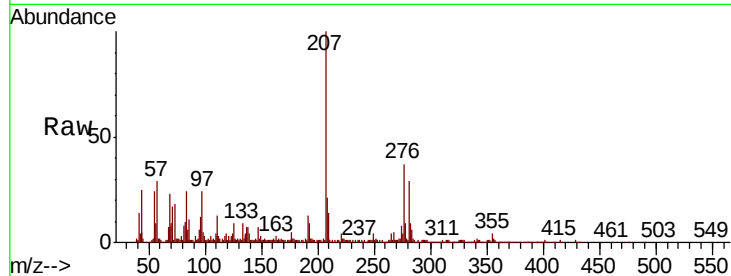
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.107 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.00 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Instrument :
BNA_M
ClientSampled :
C5BC4

Tot Ion:	276	Resp:	203898
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.9	23.9
277	24.6	20.4	30.6

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#93
Benzo(g,h,i)perylene
Concen: 2.169 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. 0.01 min
Lab File: BM021274.D
Acq: 29 Jun 2019 22:29

Tgt Ion:	276	Resp:	172866
Ion Ratio	Lower	Upper	
276	100		
138	17.2	14.6	21.8
277	23.7	18.9	28.3

