

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021264.D
 Acq On : 29 Jun 2019 16:26
 Operator : HP/JU
 Sample : K3593-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6BC6

Quant Time: Jun 29 22:20:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	270547	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1163471	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	704762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1450114	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1157213	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1376428	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21086	3.70	ng/uL	0.00
5) Phenol-d5	6.93	99	558392	23.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	337065	24.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	464658	24.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	507931	25.84	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	259732	27.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	301979	28.79	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	576483	27.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	325444	14.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1876953	29.47	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2181869	27.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	239340	23.11	ng/ul	0.00
57) Fluorene-d10	15.40	176	1561404	28.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	200062	22.44	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2177958	28.90	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2105378	30.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2293382	28.24	ng/ul	0.00

Target Compounds

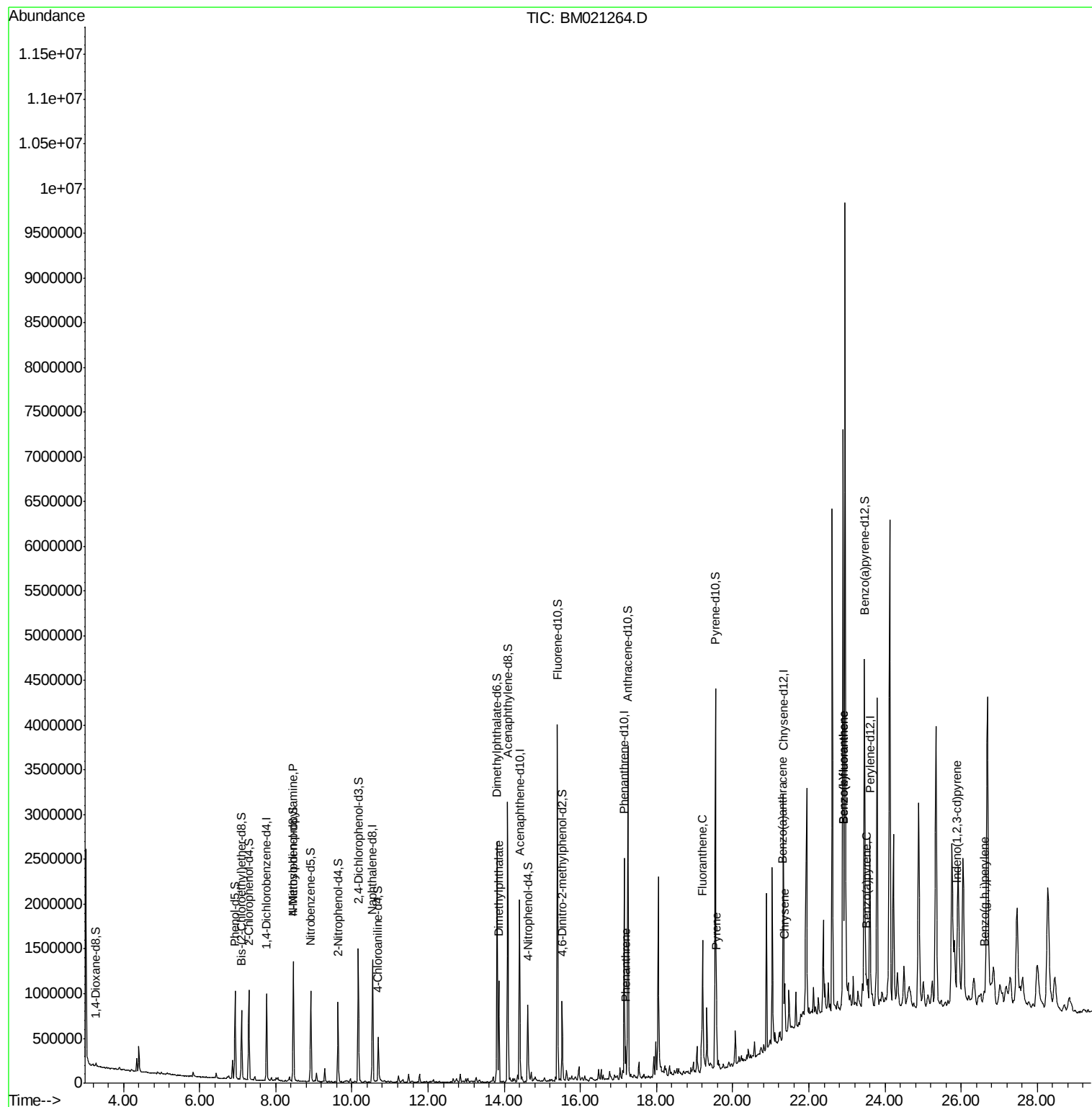
					Qvalue	
15) N-Nitroso-di-n-propylamine	8.46	70	14870	1.010	ng/ul#	1
44) Dimethylphthalate	13.86	163	747132	12.889	ng/ul	99
69) Phenanthrene	17.19	178	205116	2.558	ng/ul	99
76) Fluoranthene	19.21	202	566322	6.535	ng/ul	99
79) Pyrene	19.57	202	474050	5.794	ng/ul	98
82) Benzo(a)anthracene	21.32	228	248107	3.145	ng/ul	98
84) Chrysene	21.37	228	285014	3.857	ng/ul	98
87) Benzo(b)fluoranthene	22.92	252	476641	5.467	ng/ul#	95
88) Benzo(k)fluoranthene	22.92	252	476641	5.682	ng/ul#	95
90) Benzo(a)pyrene	23.50	252	270805	3.300	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.89	276	231268	2.393	ng/ul	97
93) Benzo(g,h,i)perylene	26.60	276	185180	2.327	ng/ul	98

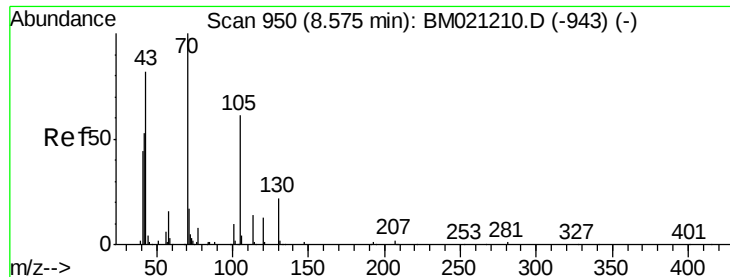
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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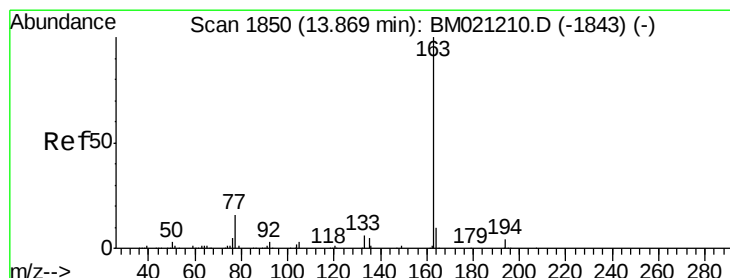
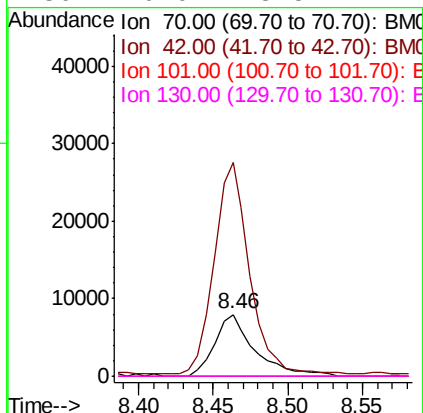
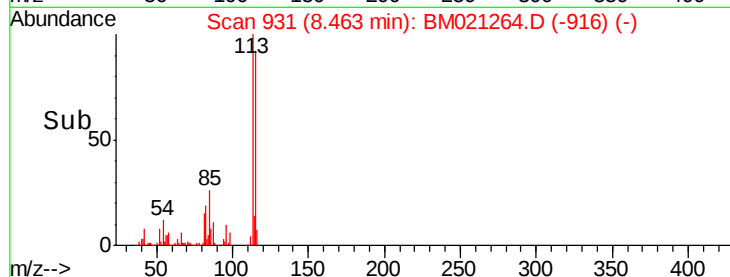
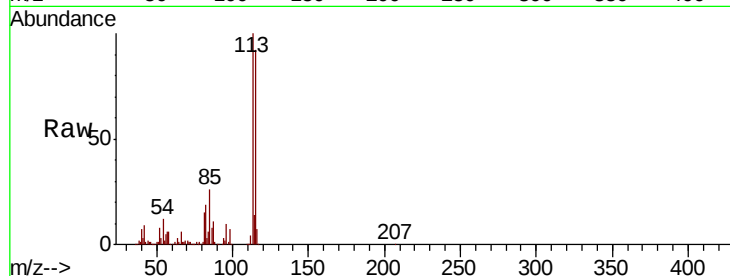




#15
N-Nitroso-di-n-propylamine
Concen: 1.010 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. -0.11 min
Lab File: BM021264.D
Acq: 29 Jun 2019 16:26

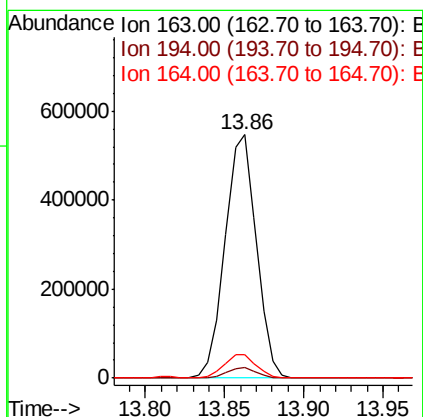
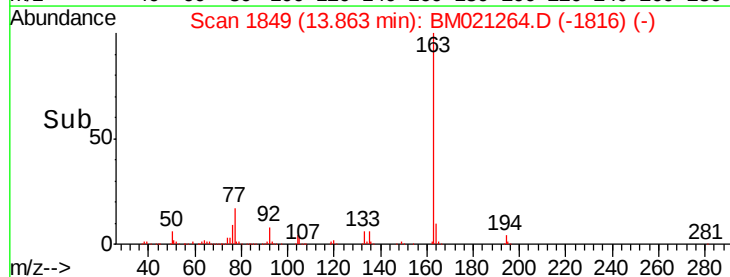
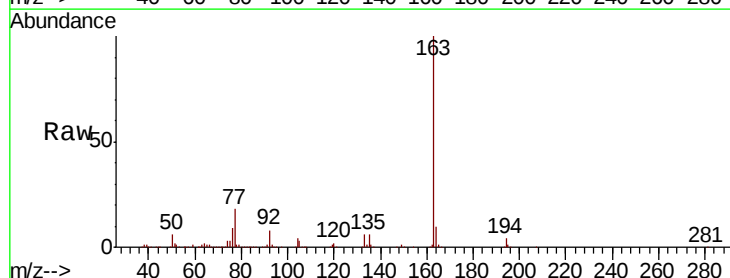
Instrument :
BNA_M
ClientSampleId :
C6BC6

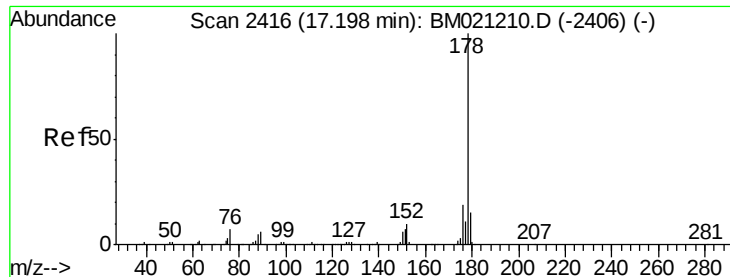
Tgt Ion	Ratio	Lower	Upper
70	100		
42	346.8	43.4	65.0#
101	0.0	7.8	11.6#
130	0.0	18.5	27.7#



#44
Dimethylphthalate
Concen: 12.889 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021264.D
Acq: 29 Jun 2019 16:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	7.7	11.5

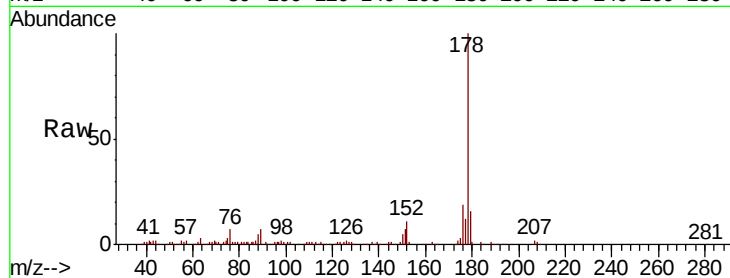




#69
Phenanthrene
Concen: 2.558 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021264.D
Acq: 29 Jun 2019 16:26

Instrument :
BNA_M
ClientSampleId :
C6BC6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	18.6	15.0	22.6

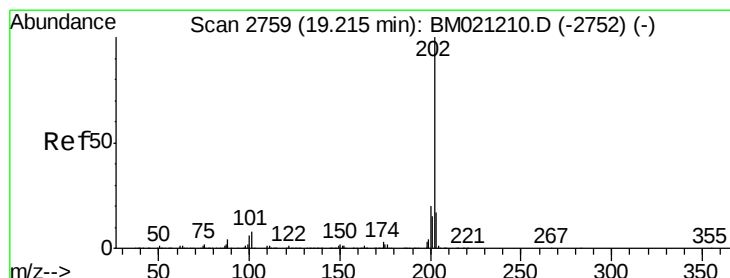
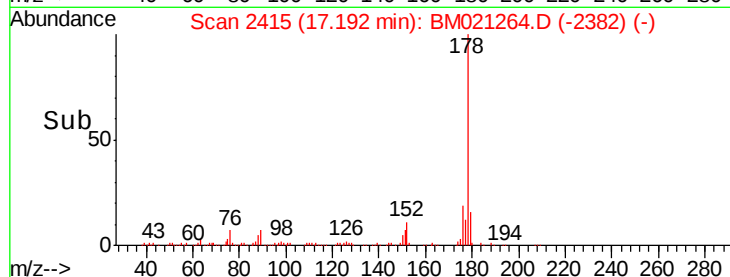
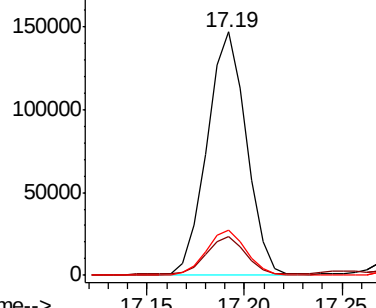


Abundance

Ion 178.00 (177.70 to 178.70): E

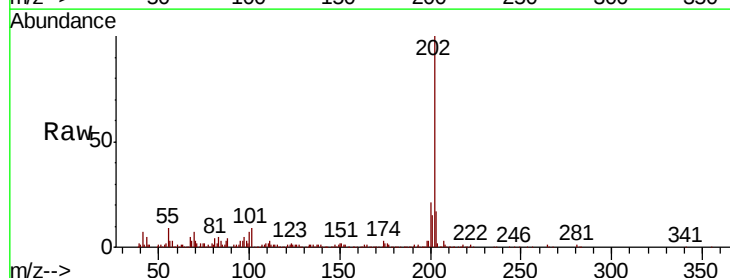
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76
Fluoranthene
Concen: 6.535 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021264.D
Acq: 29 Jun 2019 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
100	6.8	5.5	8.3

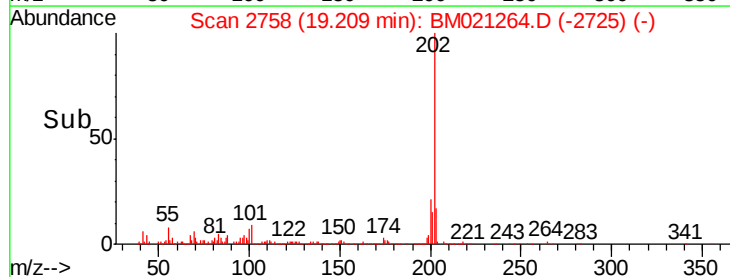
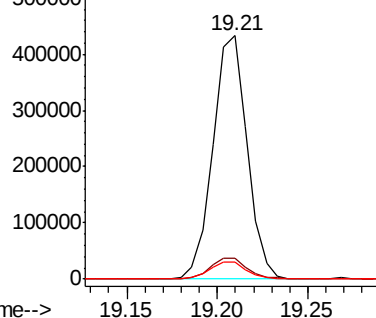


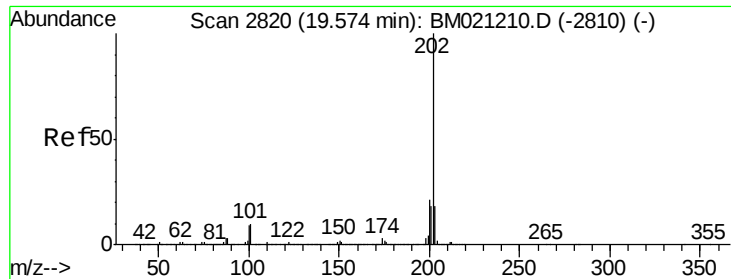
Abundance

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): E

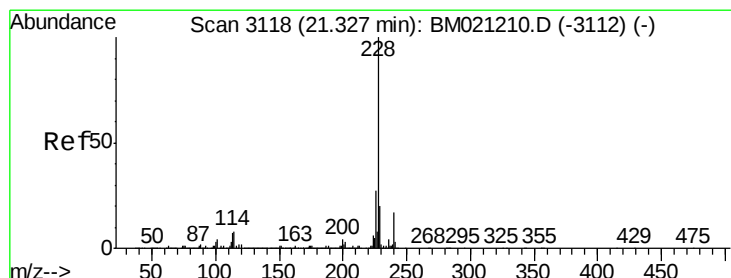
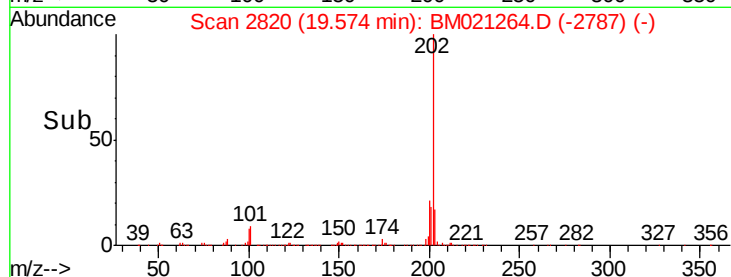
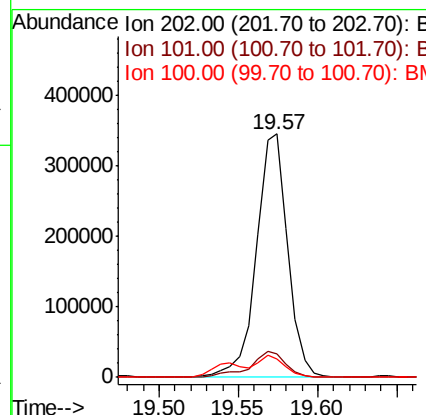
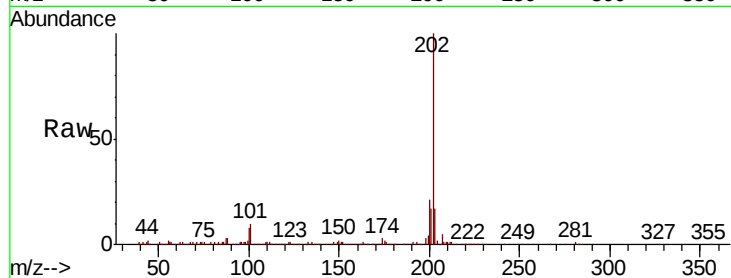




#79
 Pyrene
 Concen: 5.794 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021264.D
 Acq: 29 Jun 2019 16:26

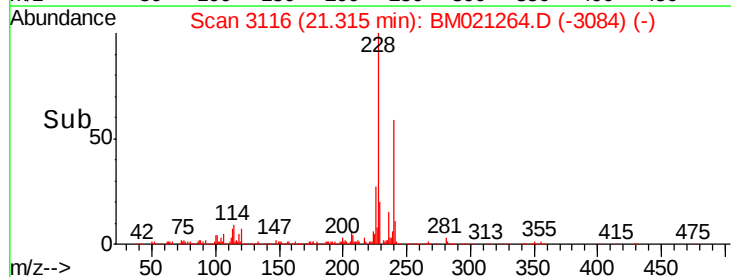
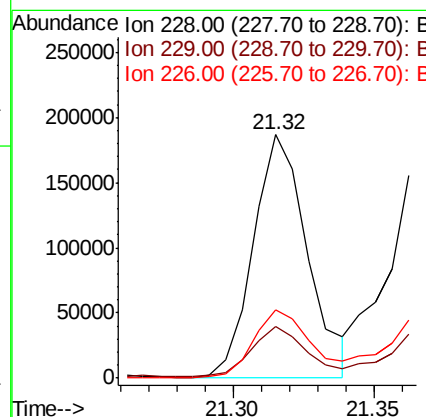
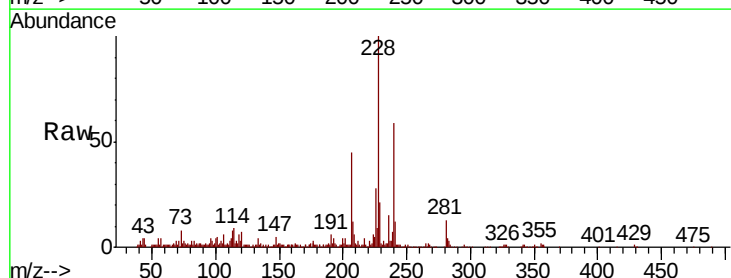
Instrument :
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 ClientSampleId :
 C6BC6

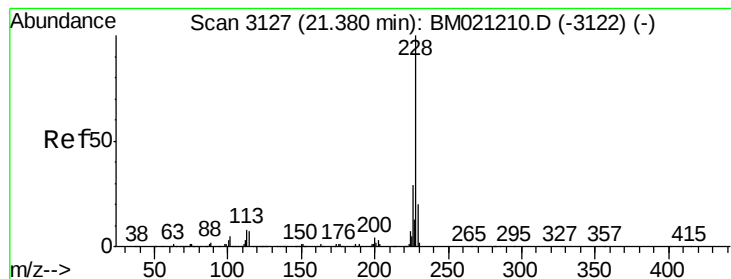
Tgt Ion:	202	Resp:	474050
Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.1	12.1
100	7.7	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 3.145 ng/ul
 RT: 21.32 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM021264.D
 Acq: 29 Jun 2019 16:26

Tgt Ion:	228	Resp:	248107
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	27.8	21.4	32.2





#84

Chrysene

Concen: 3.857 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021264.D

Acq: 29 Jun 2019 16:26

Instrument :

BNA_M

ClientSampled :

C6BC6

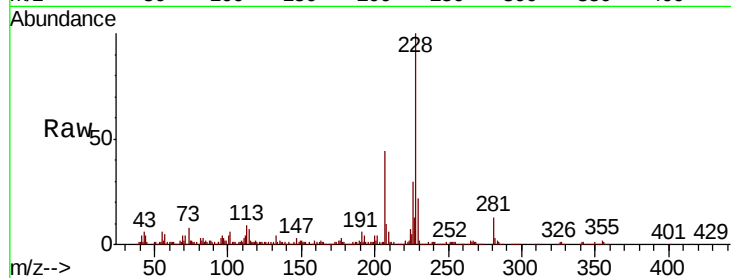
Tgt Ion:228 Resp: 285014

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 21.6 15.4 23.2

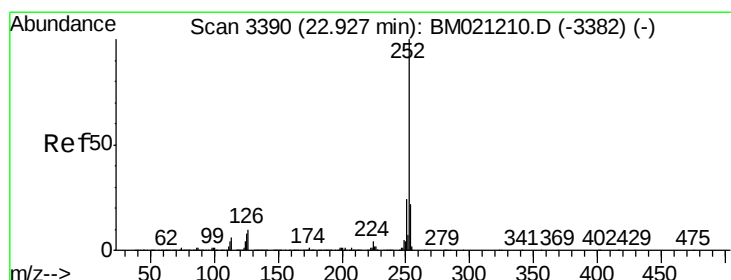
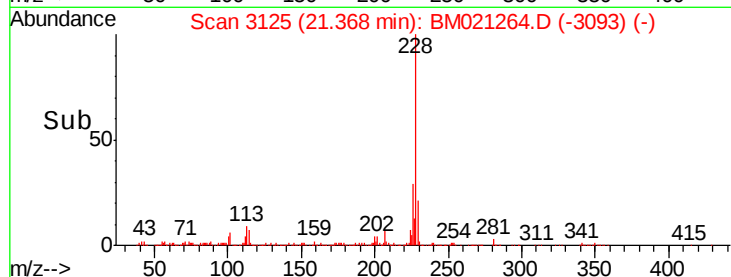
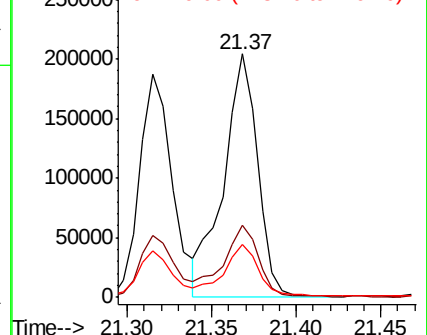


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 5.467 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021264.D

Acq: 29 Jun 2019 16:26

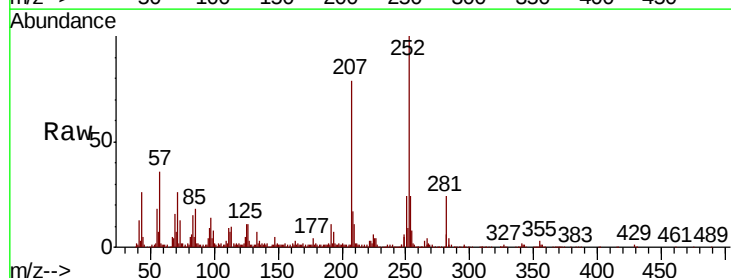
Tgt Ion:252 Resp: 476641

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 11.4 6.3 9.5#

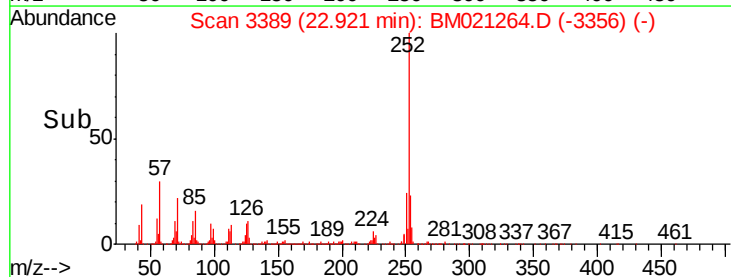
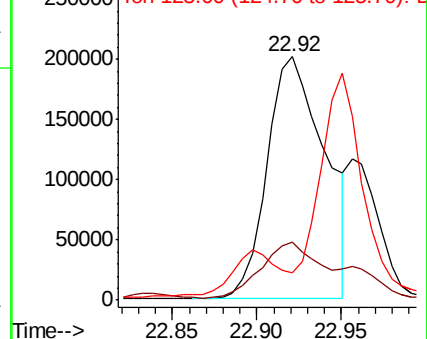


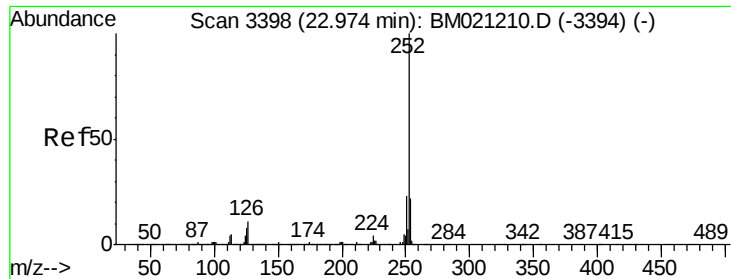
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 5.682 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.05 min

Lab File: BM021264.D

Acq: 29 Jun 2019 16:26

Instrument :

BNA_M

ClientSampleId :

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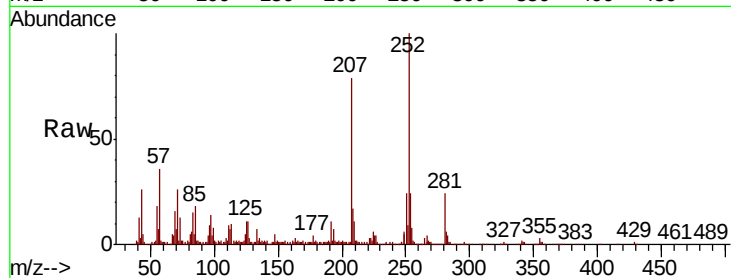
Tgt Ion:252 Resp: 476641

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 11.4 6.6 9.8#

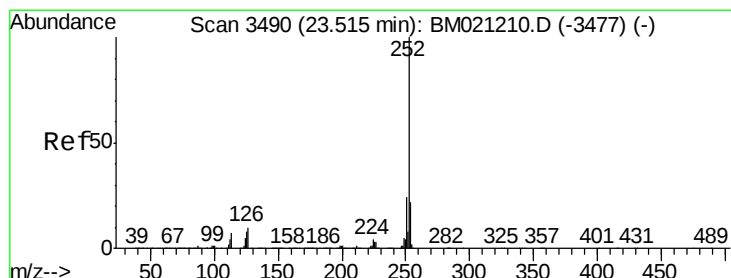
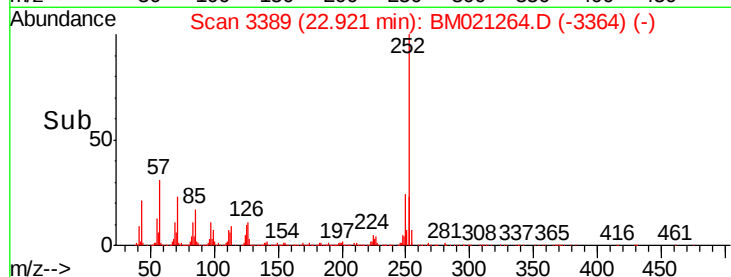
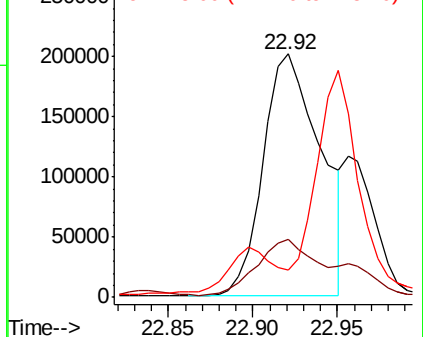


Abundance

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: 3.300 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021264.D

Acq: 29 Jun 2019 16:26

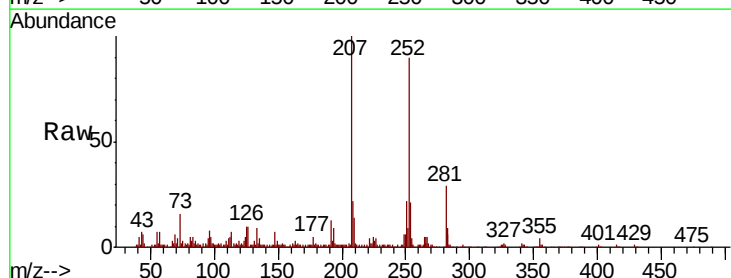
Tgt Ion:252 Resp: 270805

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 10.6 7.2 10.8

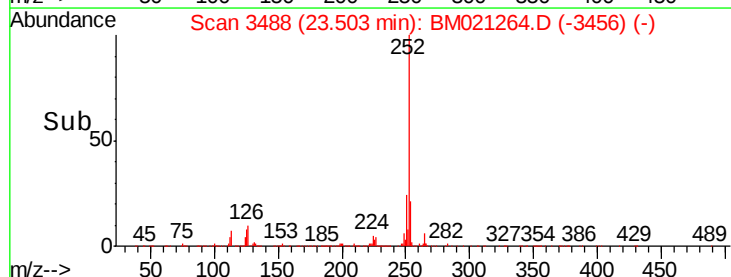
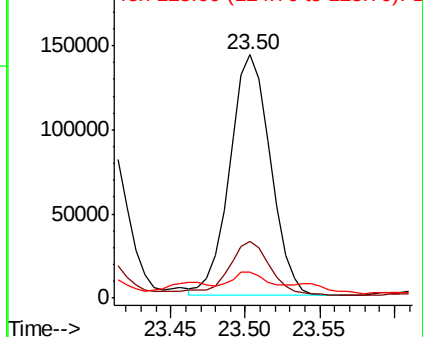


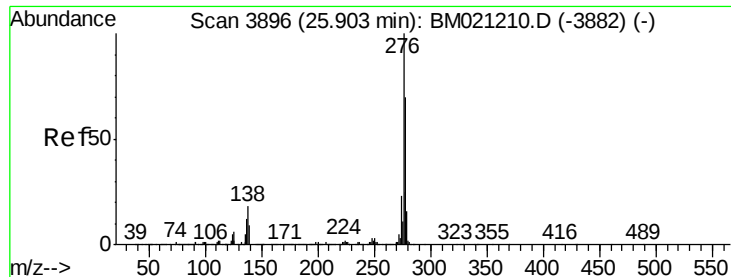
Abundance

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



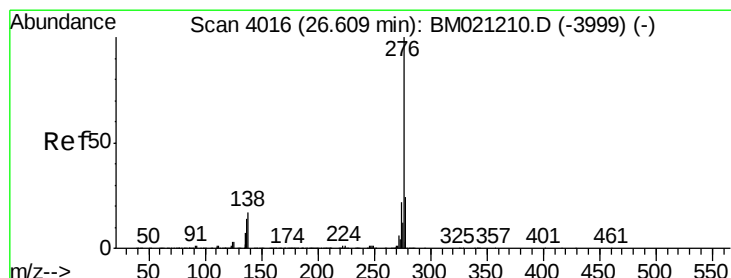
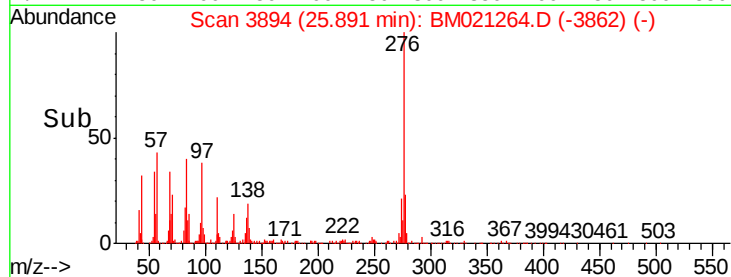
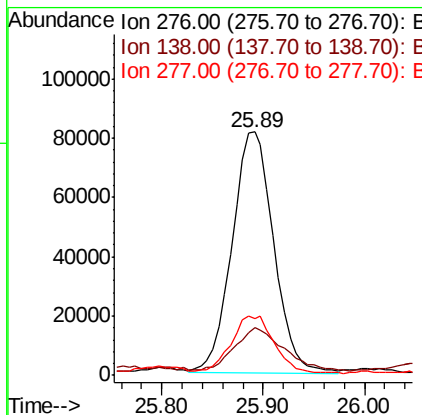
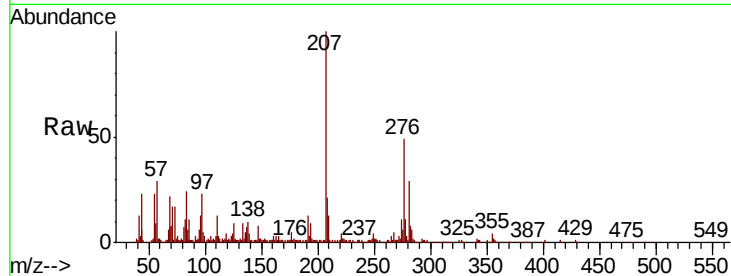


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.393 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021264.D
Acq: 29 Jun 2019 16:26

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C6BC6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.9	23.9
277	23.2	20.4	30.6



#93

Benzo(g,h,i)perylene
Concen: 2.327 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BM021264.D
Acq: 29 Jun 2019 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.6	21.8
277	24.4	18.9	28.3

