

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024348.D
 Acq On : 28 Dec 2019 14:24
 Operator : JU
 Sample : K6278-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C92

Quant Time: Dec 29 01:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 29 00:45:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	210996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	928074	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	543874	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1084782	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1074866	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1356162	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	21409	4.48	ng/uL	0.00
5) Phenol-d5	6.62	99	374898	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	259228	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	294364	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	277899	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	133568	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	144066	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	267048	18.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	96001	5.55	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	808903	20.11	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	951161	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	68984	9.55	ng/ul	0.02
58) Fluorene-d10	15.08	176	706743	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	49491	7.48	ng/ul	0.00
71) Anthracene-d10	16.93	188	988177	20.02	ng/ul	0.00
79) Pyrene-d10	19.24	212	1080140	21.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1310751	19.46	ng/ul	0.02

Target Compounds

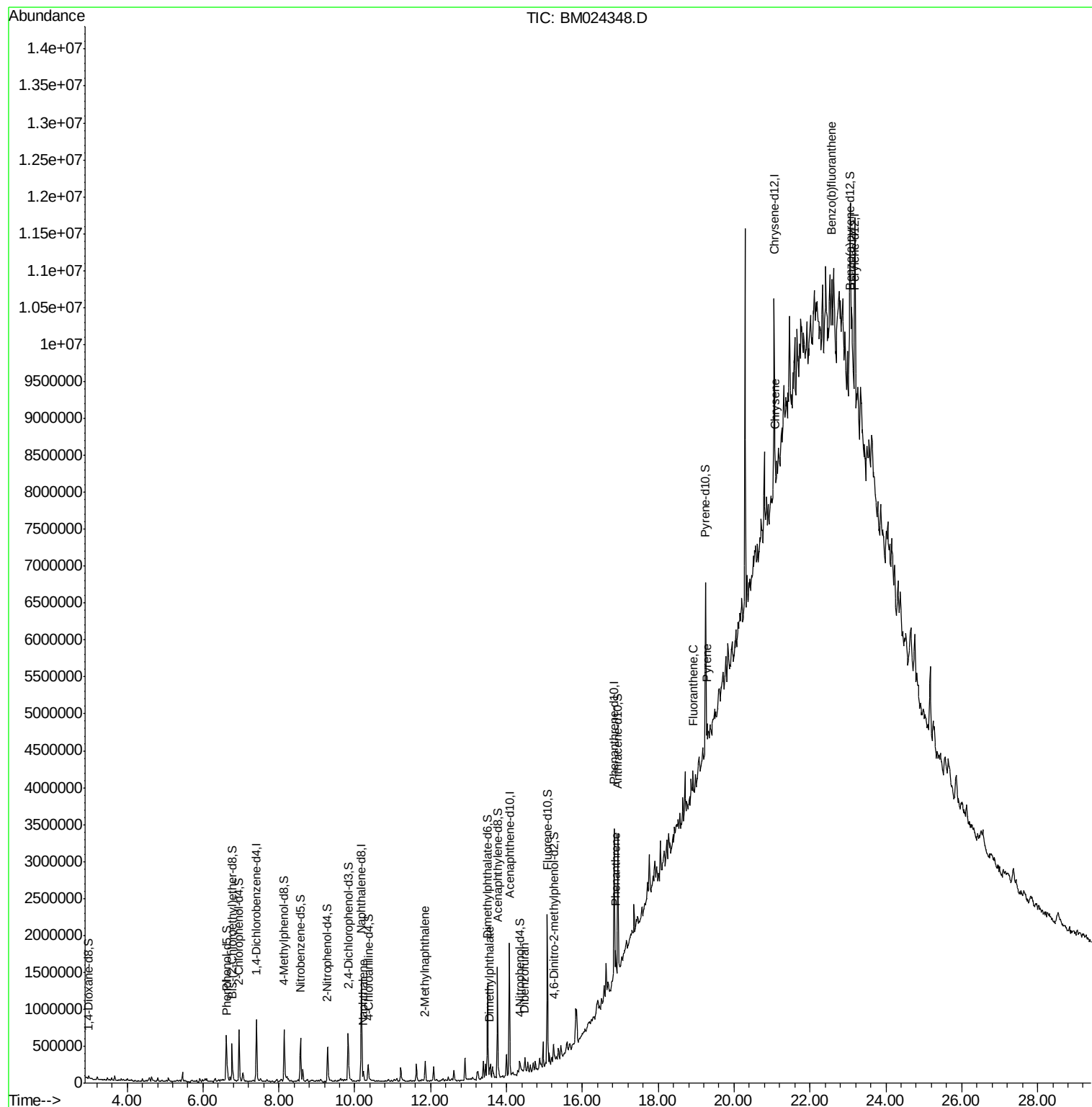
					Ovalue
6) Phenol	6.64	94	57274	2.776	ng/ul 94
28) Naphthalene	10.23	128	100870	2.074	ng/ul 99
34) 2-Methylnaphthalene	11.86	142	119319	3.432	ng/ul 100
45) Dimethylphthalate	13.55	163	82328	1.970	ng/ul 97
54) Dibenzofuran	14.49	168	50139	1.025	ng/ul 92
70) Phenanthrene	16.88	178	209051	3.442	ng/ul 93
77) Fluoranthene	18.92	202	115619	1.747	ng/ul 96
80) Pyrene	19.28	202	100259	1.429	ng/ul 98
85) Chrysene	21.09	228	124883	1.860	ng/ul# 68
88) Benzo(b)fluoranthene	22.56	252	107446	1.324	ng/ul# 1

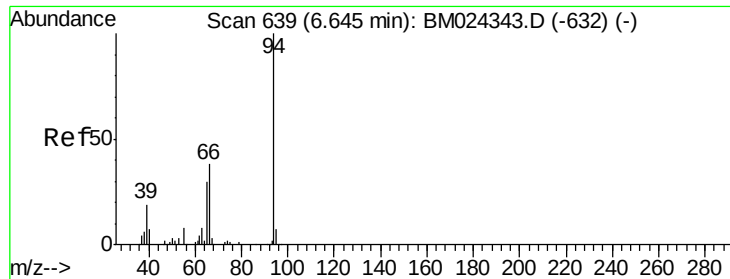
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C92

Quant Time: Dec 29 01:19:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.776 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024348.D

Acq: 28 Dec 2019 14:24

Instrument :

BNA_M

ClientSampleId :

C0C92

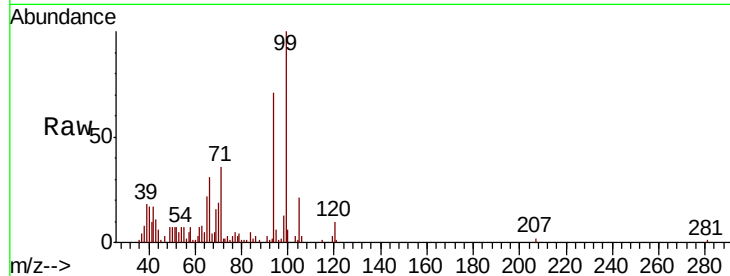
Tot Ion: 94 Resp: 57274

Ion Ratio Lower Upper

94 100

65 30.8 22.6 33.8

66 42.9 30.7 46.1

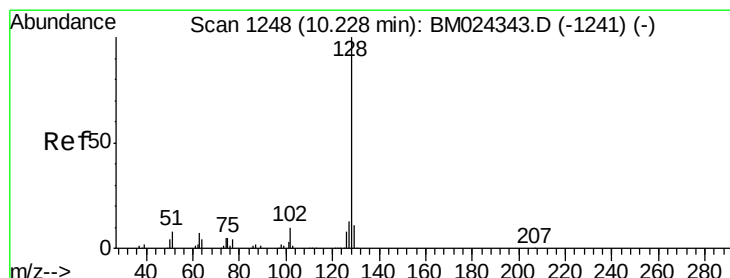
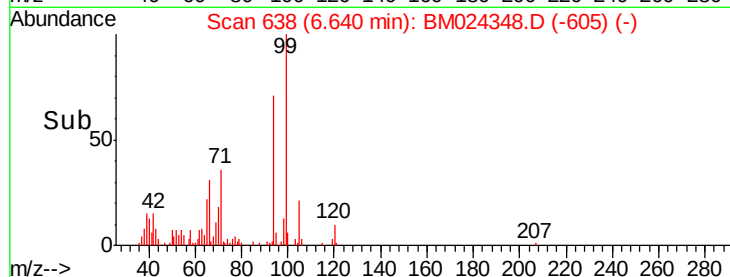
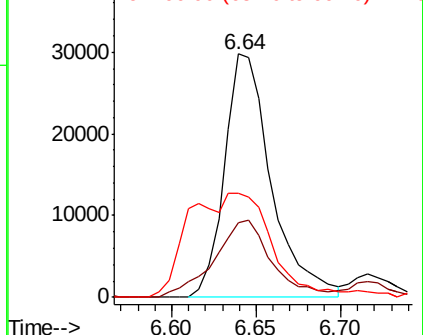


Abundance

Ion 94.00 (93.70 to 94.70): BM024348.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM024348.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM024348.D (-632) (-)



#28

Naphthalene

Concen: 2.074 ng/ul

RT: 10.23 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BM024348.D

Acq: 28 Dec 2019 14:24

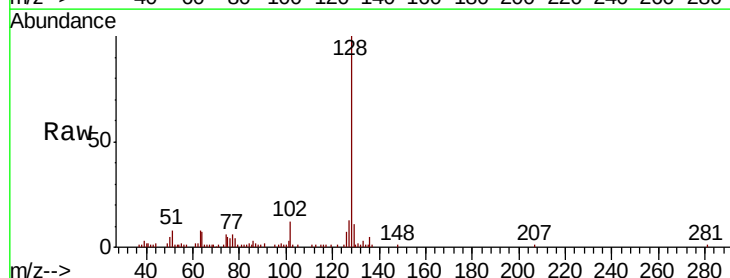
Tgt Ion: 128 Resp: 100870

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.2 10.3 15.5

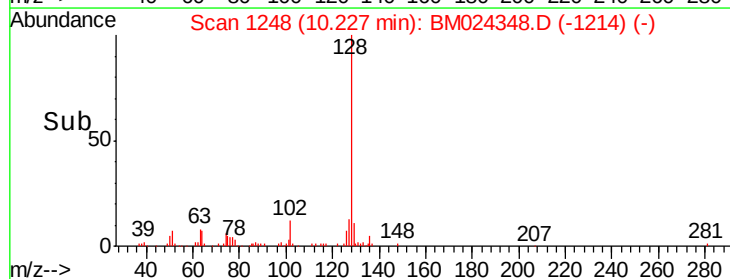
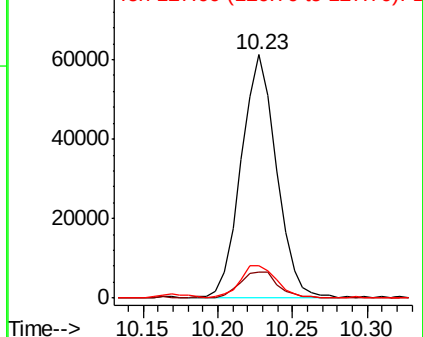


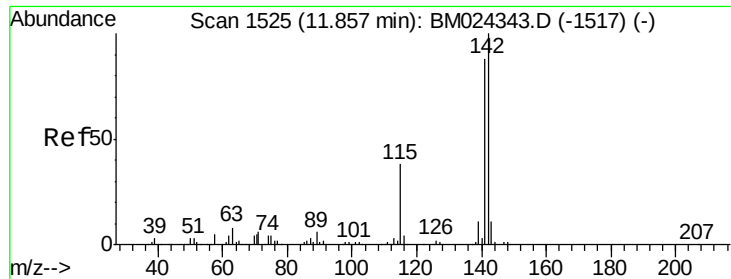
Abundance

Ion 128.00 (127.70 to 128.70): BM024348.D (-1214) (-)

Ion 129.00 (128.70 to 129.70): BM024348.D (-1214) (-)

Ion 127.00 (126.70 to 127.70): BM024348.D (-1214) (-)

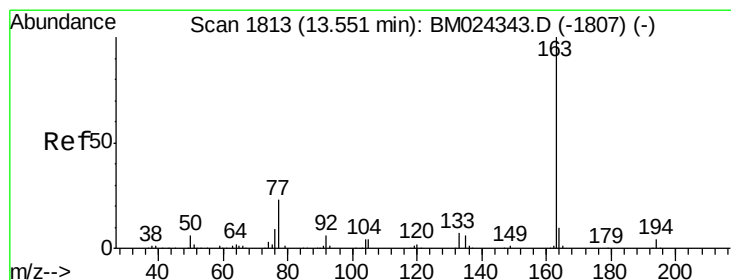
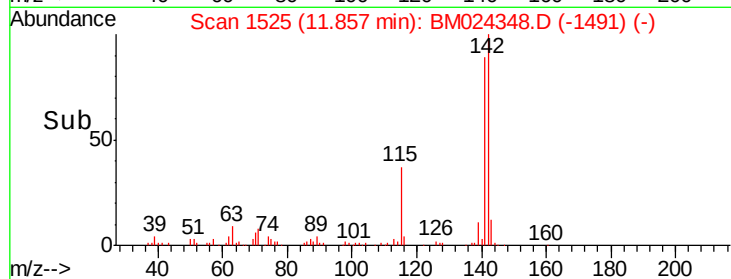
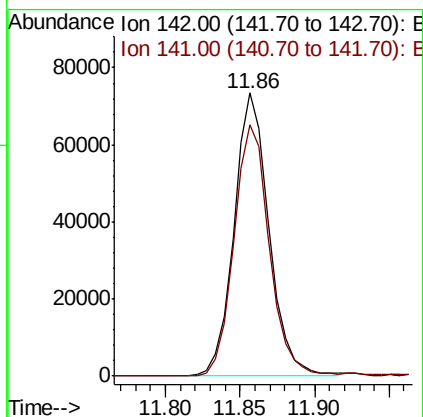
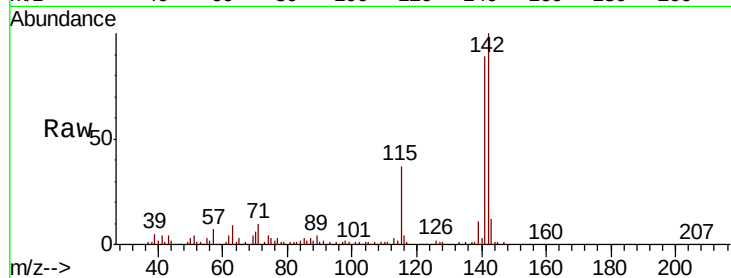




#34
 2-Methylnaphthalene
 Concen: 3.432 ng/ul
 RT: 11.86 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BM024348.D
 Acq: 28 Dec 2019 14:24

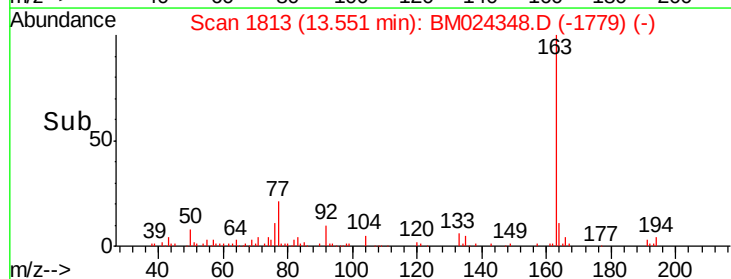
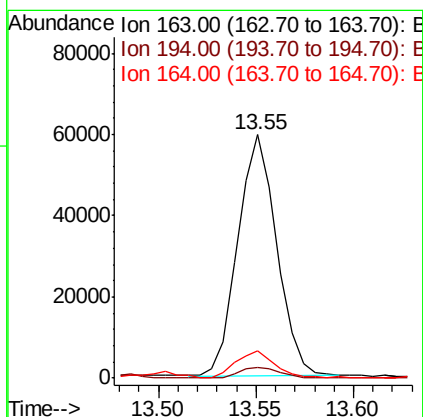
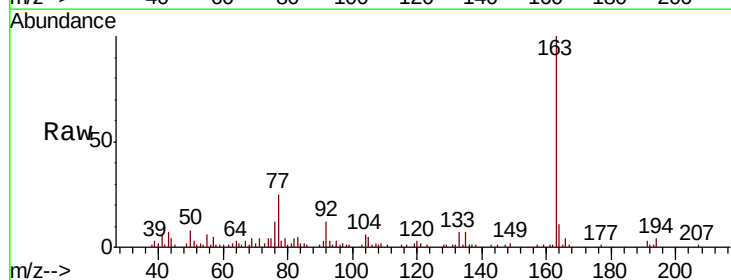
Instrument :
 BNA_M
 ClientSampleId :
 C0C92

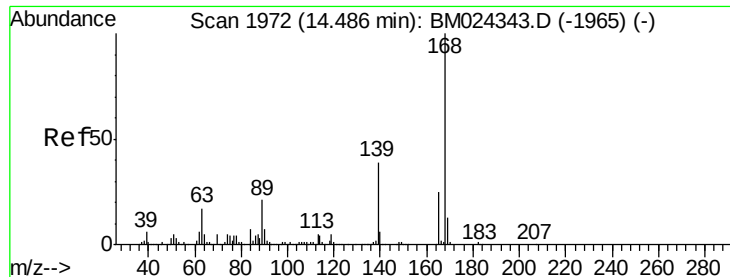
Tot Ion:142 Resp: 119319
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.9 106.3



#45
 Dimethylphthalate
 Concen: 1.970 ng/ul
 RT: 13.55 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BM024348.D
 Acq: 28 Dec 2019 14:24

Tgt Ion:163 Resp: 82328
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.2 4.8
 164 11.2 7.8 11.6





#54

Dibenzenofuran

Concen: 1.025 ng/ul

RT: 14.49 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BM024348.D

Acq: 28 Dec 2019 14:24

Instrument :

BNA_M

ClientSampleId :

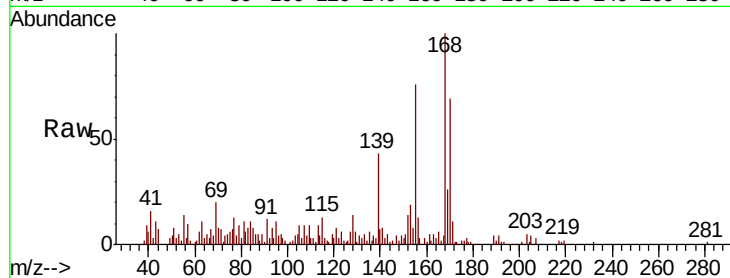
C0C92

Tot Ion:168 Resp: 50139

Ion Ratio Lower Upper

168 100

139 43.0 30.4 45.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.49

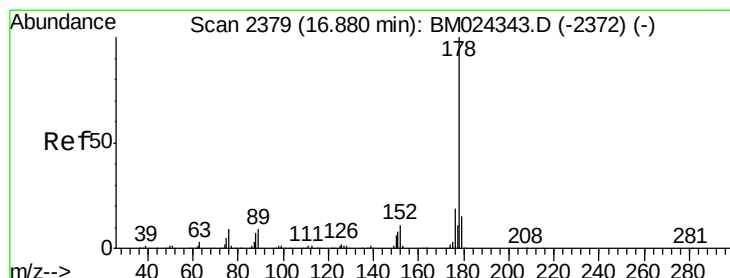
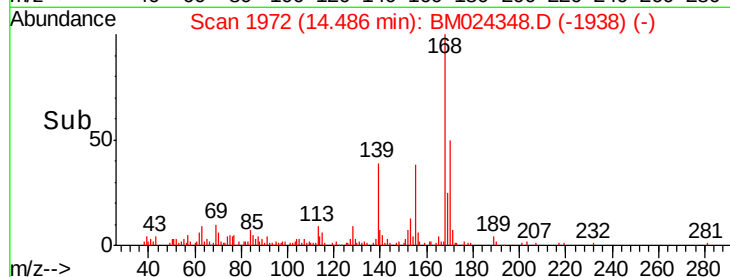
30000

20000

10000

0

Time--> 14.40 14.45 14.50 14.55



#70

Phenanthrene

Concen: 3.442 ng/ul

RT: 16.88 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BM024348.D

Acq: 28 Dec 2019 14:24

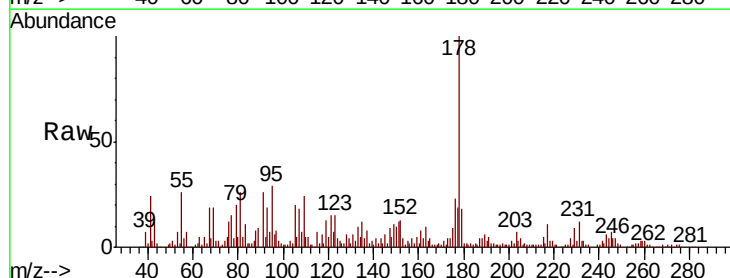
Tgt Ion:178 Resp: 209051

Ion Ratio Lower Upper

178 100

179 17.9 12.6 19.0

176 22.6 15.1 22.7



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

16.88

200000

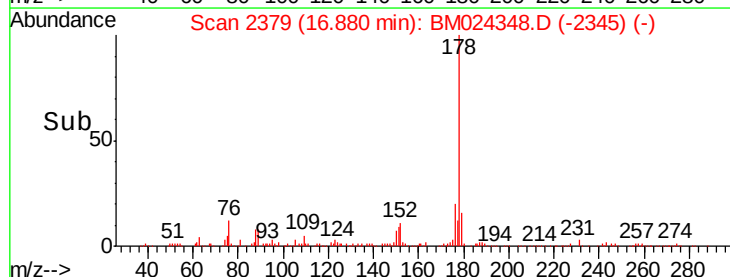
150000

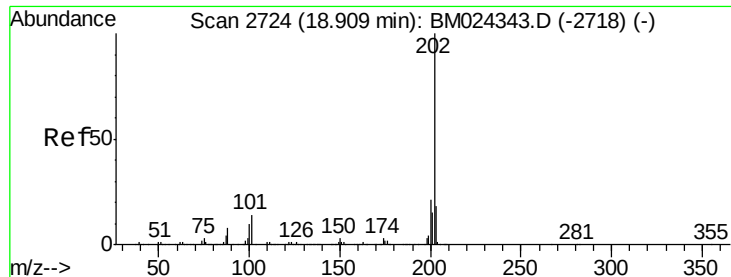
100000

50000

0

Time--> 16.85 16.90

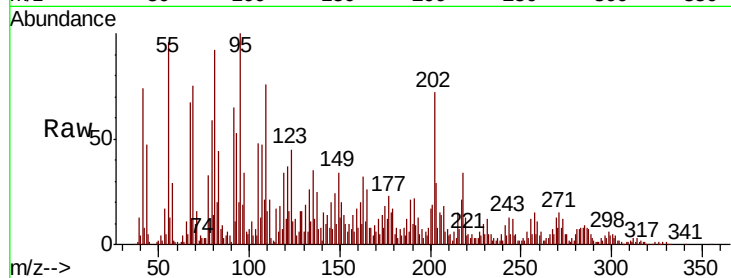




#77
Fluoranthene
Concen: 1.747 ng/ul
RT: 18.92 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :
C0C92

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.6	15.8
100	9.8	8.1	12.1

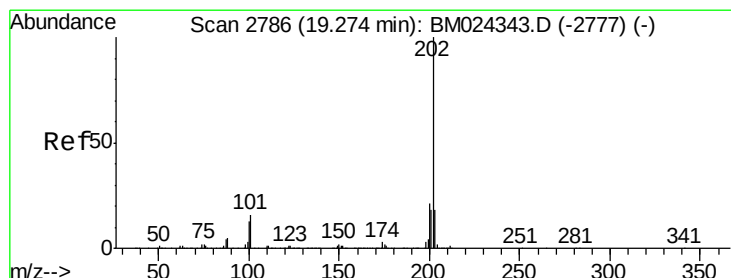
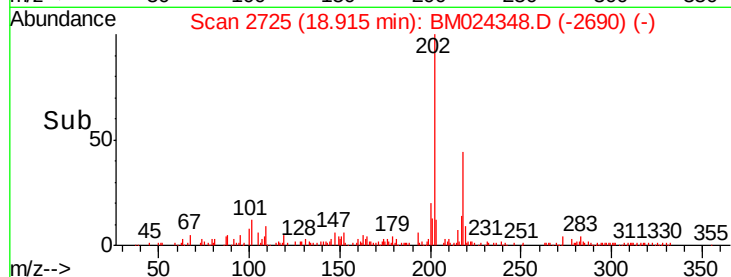
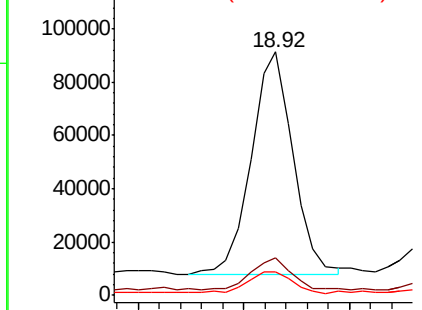


Abundance

Ion 202.00 (201.70 to 202.70): E

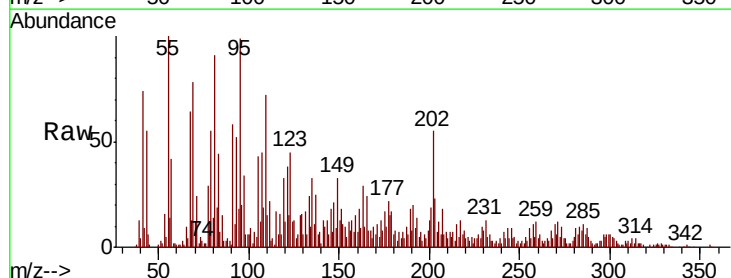
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80
Pyrene
Concen: 1.429 ng/ul
RT: 19.28 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.2	18.4
100	11.2	10.0	15.0

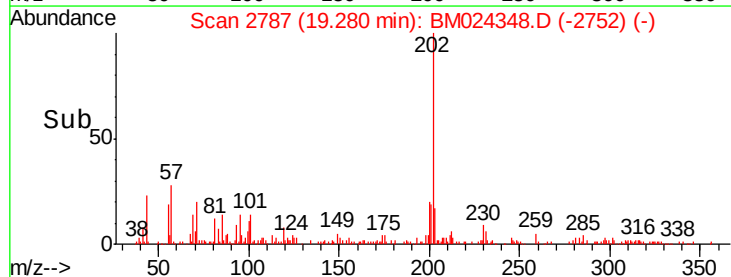
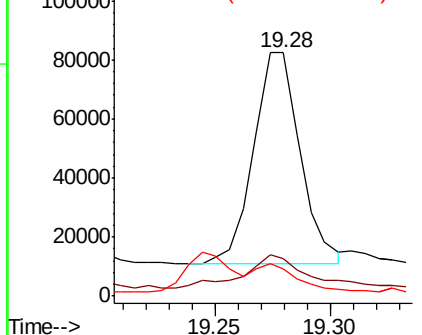


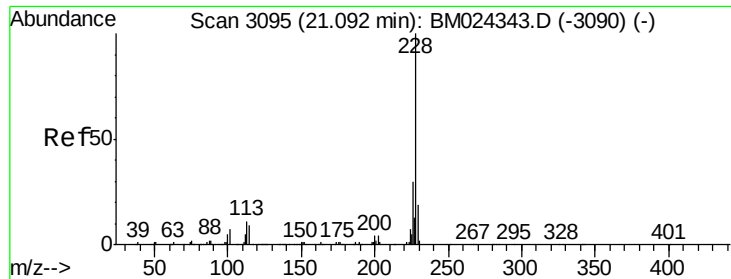
Abundance

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





#85

Chrysene

Concen: 1.860 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM024348.D

Acq: 28 Dec 2019 14:24

Instrument :

BNA_M

ClientSampleId :

C0C92

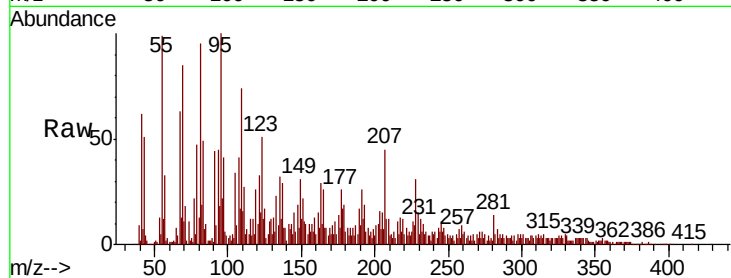
Tot Ion:228 Resp: 124883

Ion Ratio Lower Upper

228 100

226 35.8 24.0 36.0

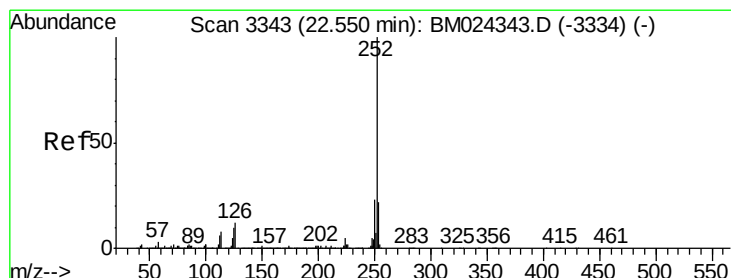
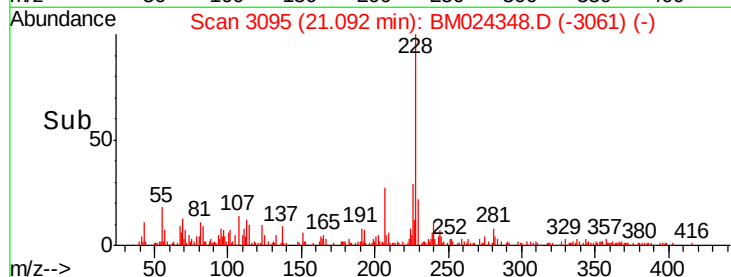
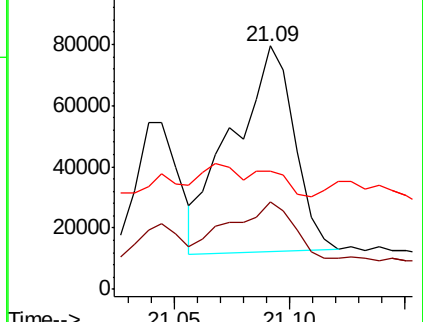
229 48.7 15.4 23.2#



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



#88

Benzo(b)fluoranthene

Concen: 1.324 ng/ul

RT: 22.56 min Scan# 3345

Delta R.T. 0.01 min

Lab File: BM024348.D

Acq: 28 Dec 2019 14:24

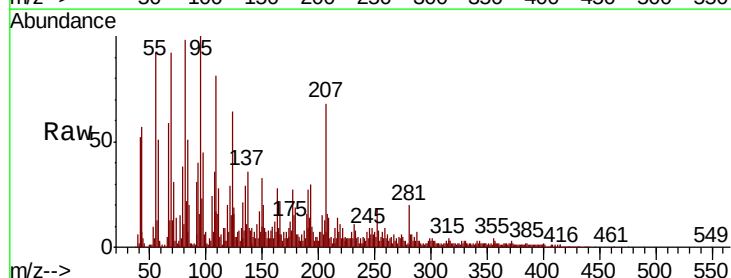
Tgt Ion:252 Resp: 107446

Ion Ratio Lower Upper

252 100

253 43.1 17.2 25.8#

125 103.8 7.8 11.8#



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

