

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024346.D
 Acq On : 28 Dec 2019 13:12
 Operator : JU
 Sample : K6278--06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 29 00:52:34 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	215498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	974587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	596210	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1238118	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1207130	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1472521	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	13234	2.71	ng/uL	0.01
5) Phenol-d5	6.62	99	212124	10.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	161840	13.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	172227	11.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	150255	9.01	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	82611	11.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	88122	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	160681	10.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	151340	8.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	621298	14.09	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	628901	11.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	49664	6.27	ng/ul	0.02
58) Fluorene-d10	15.08	176	511496	13.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	52092	6.90	ng/ul	0.00
71) Anthracene-d10	16.93	188	735062	13.05	ng/ul	0.00
79) Pyrene-d10	19.24	212	832521	14.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	980678	13.41	ng/ul	0.00

Target Compounds

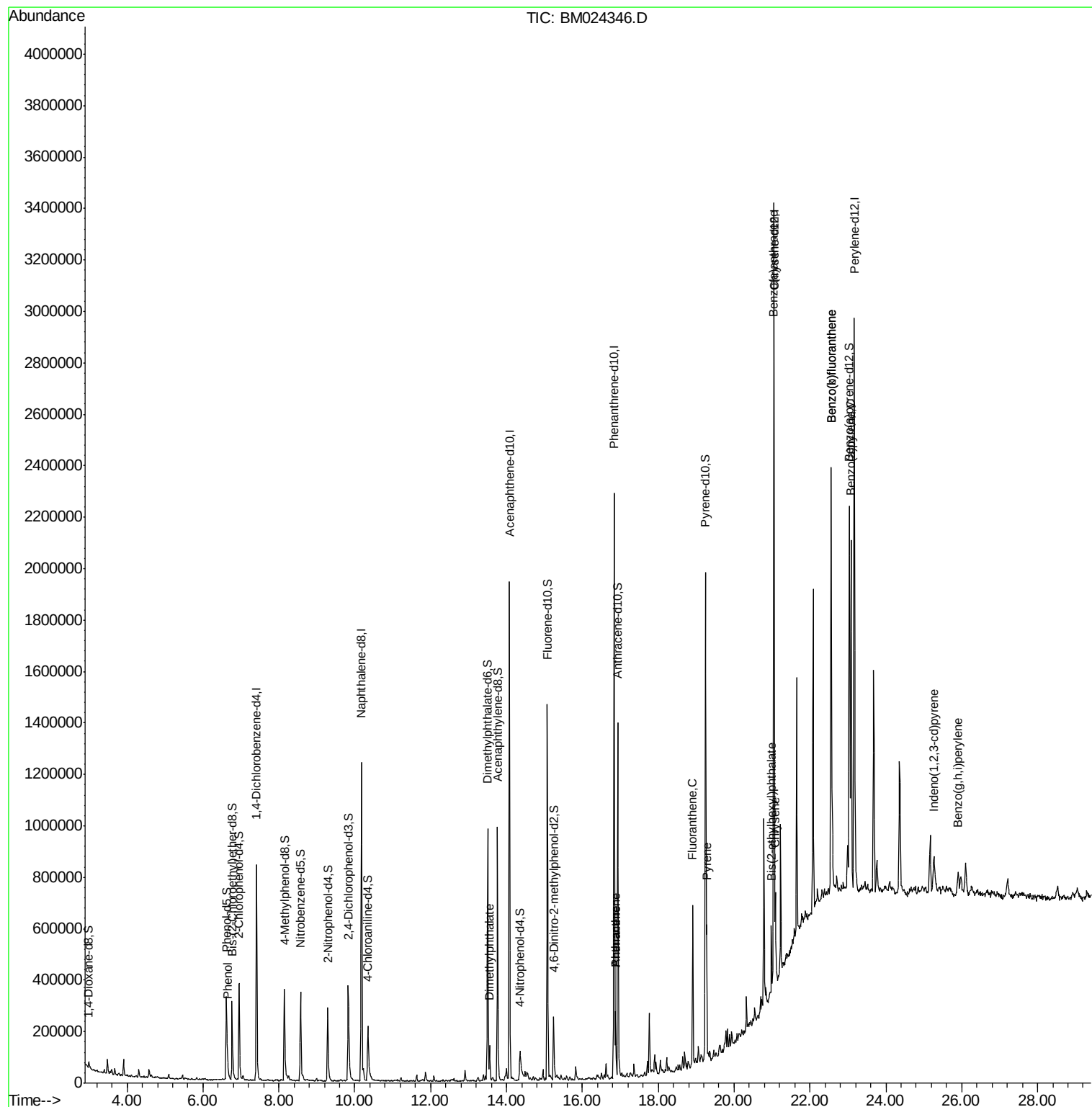
				Ovalue	
6) Phenol	6.65	94	32083	1.523	ng/ul# 86
45) Dimethylphthalate	13.55	163	80791	1.763	ng/ul 97
70) Phenanthrene	16.87	178	137978	1.991	ng/ul 99
72) Anthracene	16.87	178	137978	1.980	ng/ul 98
77) Fluoranthene	18.91	202	336837	4.459	ng/ul 98
80) Pyrene	19.27	202	277148	3.517	ng/ul 100
83) Benzo(a)anthracene	21.04	228	163056	2.120	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	20.99	149	81651	1.765	ng/ul 99
85) Chrysene	21.09	228	178118	2.363	ng/ul 97
88) Benzo(b)fluoranthene	22.55	252	284141	3.225	ng/ul# 93
89) Benzo(k)fluoranthene	22.55	252	284141	3.287	ng/ul# 95
91) Benzo(a)pyrene	23.08	252	161123	2.021	ng/ul# 90
92) Indeno(1,2,3-cd)pyrene	25.27	276	119794	1.252	ng/ul 95
94) Benzo(g,h,i)perylene	25.90	276	99992	1.280	ng/ul 97

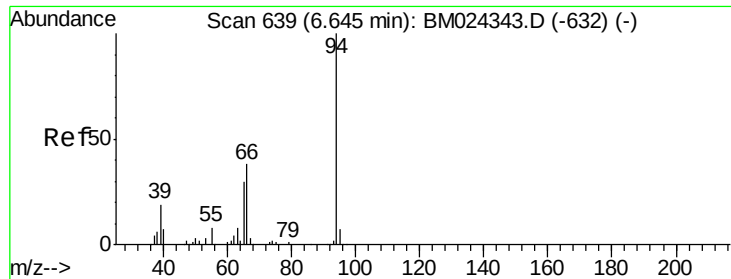
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.523 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

Instrument :

BNA_M

ClientSampleId :

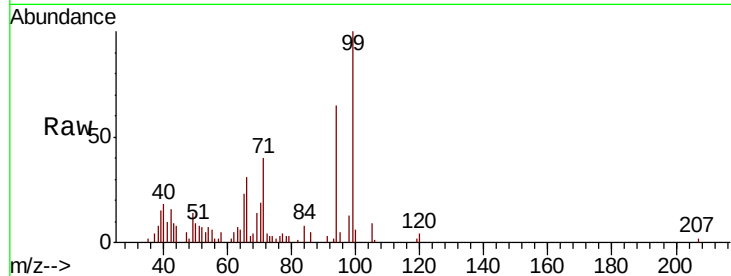
Tot Ion: 94 Resp: 32083

Ion Ratio Lower Upper

94 100

65 34.8 22.6 33.8#

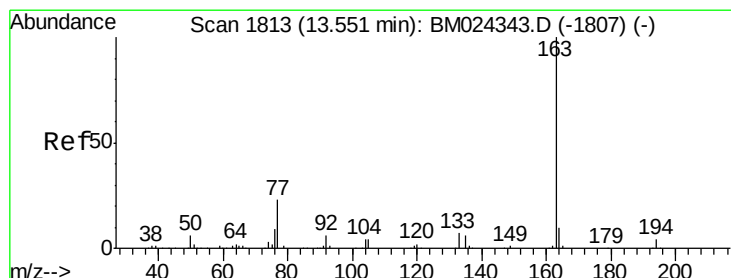
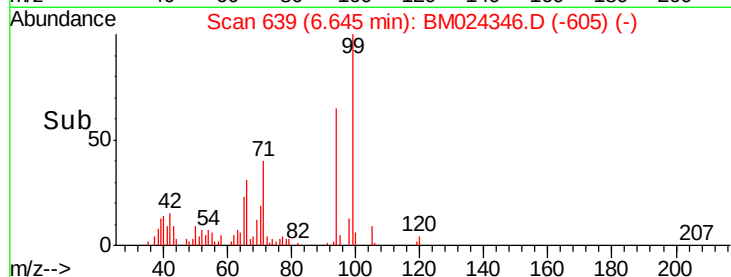
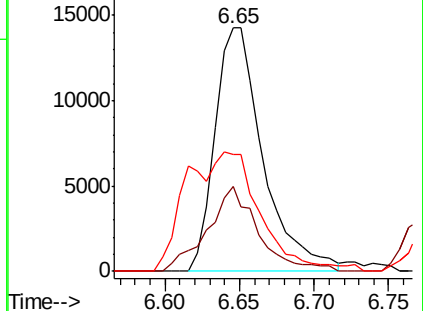
66 47.8 30.7 46.1#



Abundance Ion 94.00 (93.70 to 94.70): BM024346.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM024346.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM024346.D (-632) (-)



#45

Dimethylphthalate

Concen: 1.763 ng/ul

RT: 13.55 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

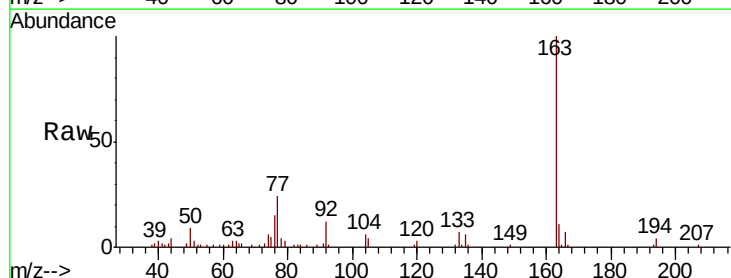
Tgt Ion:163 Resp: 80791

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

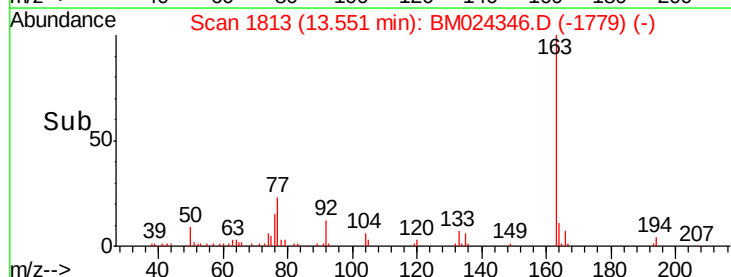
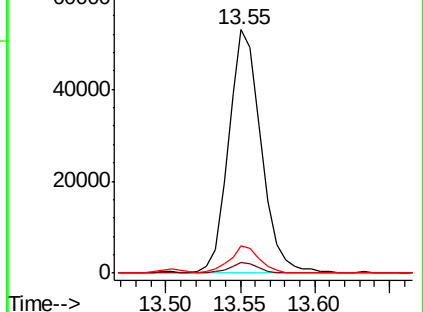
164 11.2 7.8 11.6

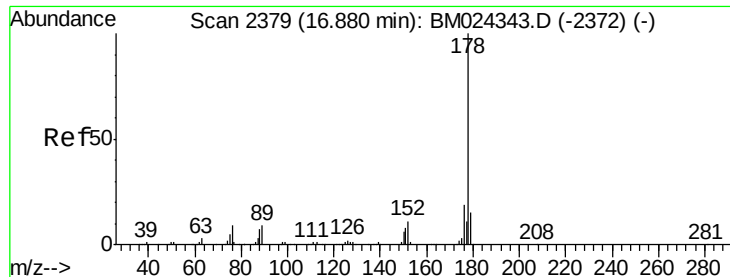


Abundance Ion 163.00 (162.70 to 163.70): BM024346.D (-1779) (-)

Ion 194.00 (193.70 to 194.70): BM024346.D (-1779) (-)

Ion 164.00 (163.70 to 164.70): BM024346.D (-1779) (-)





#70

Phenanthrene

Concen: 1.991 ng/ul

RT: 16.87 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

Instrument :

BNA_M

ClientSampleId :

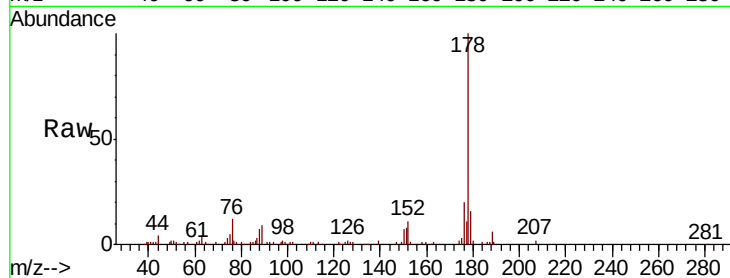
Tot Ion:178 Resp: 137978

Ion Ratio Lower Upper

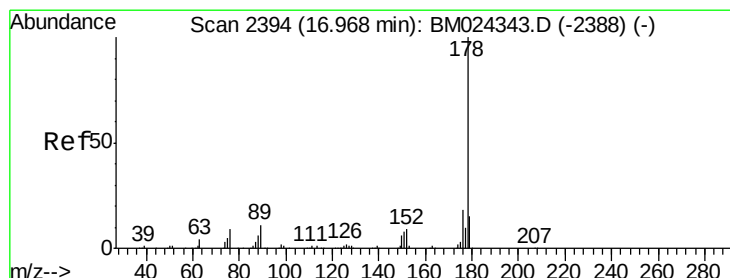
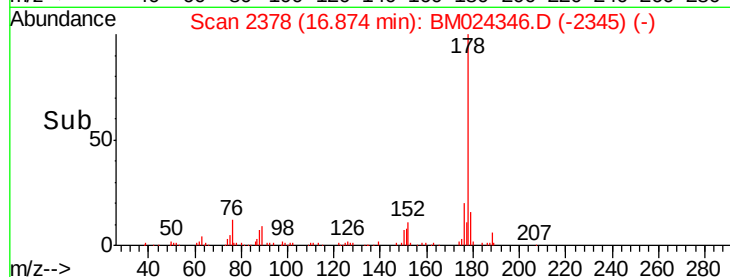
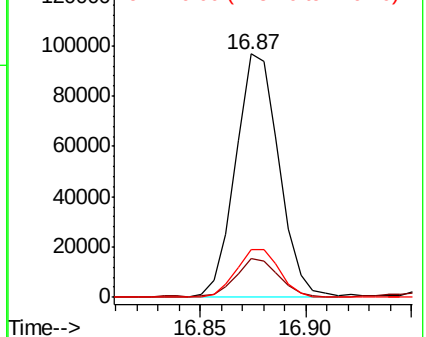
178 100

179 16.0 12.6 19.0

176 19.9 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



#72

Anthracene

Concen: 1.980 ng/ul

RT: 16.87 min Scan# 2378

Delta R.T. -0.09 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

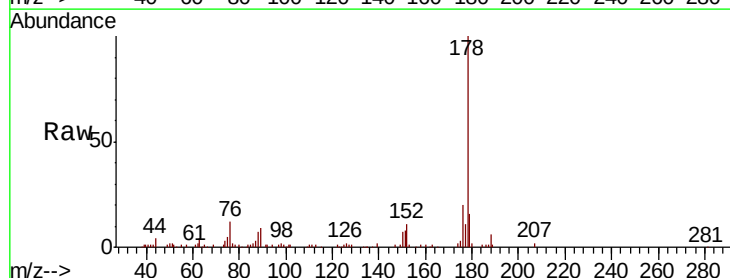
Tgt Ion:178 Resp: 137978

Ion Ratio Lower Upper

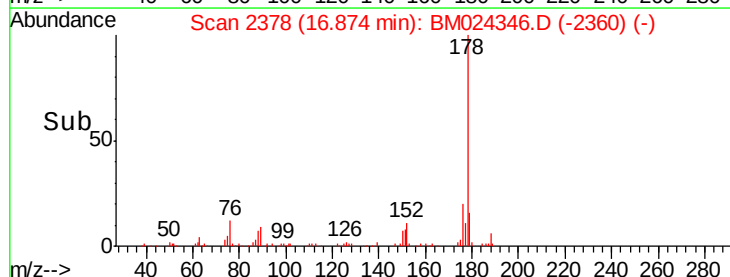
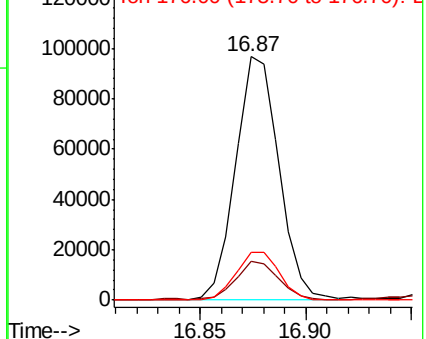
178 100

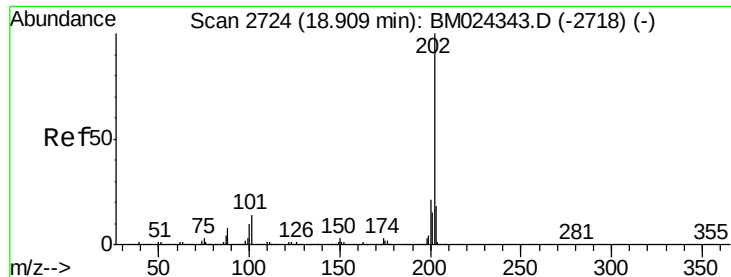
179 16.0 12.3 18.5

176 19.9 14.7 22.1



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

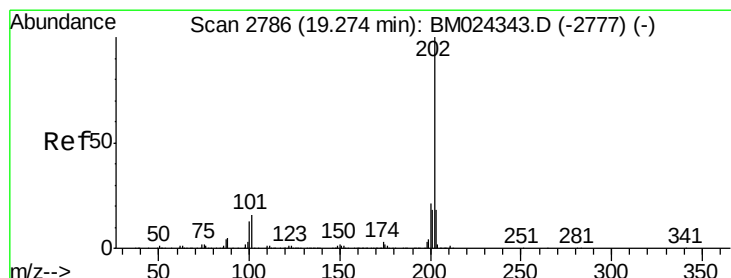
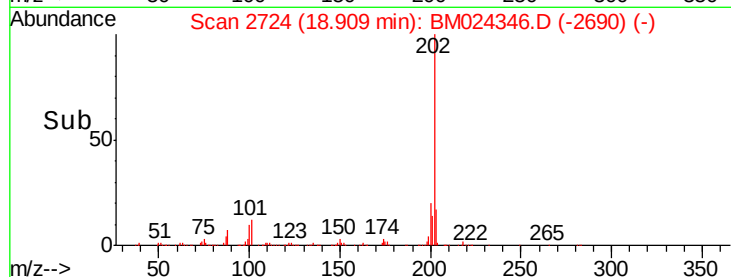
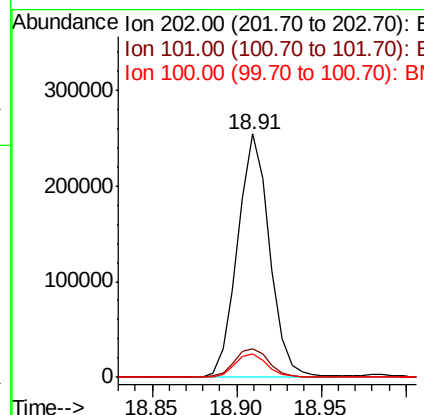
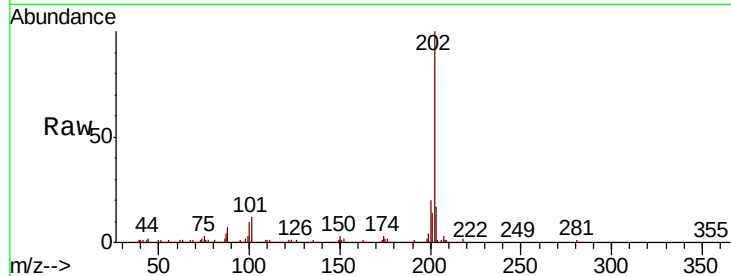




#77
 Fluoranthene
 Concen: 4.459 ng/ul
 RT: 18.91 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: BM024346.D
 Acq: 28 Dec 2019 13:12

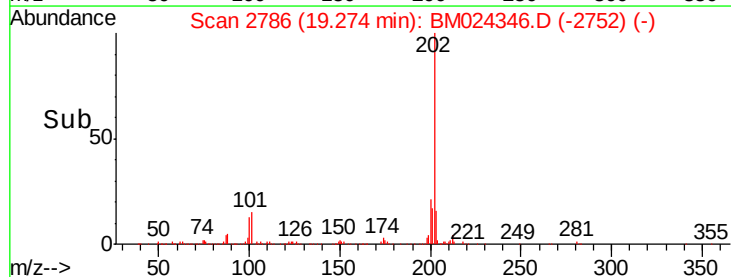
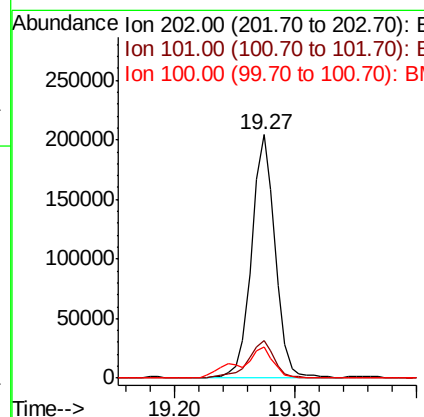
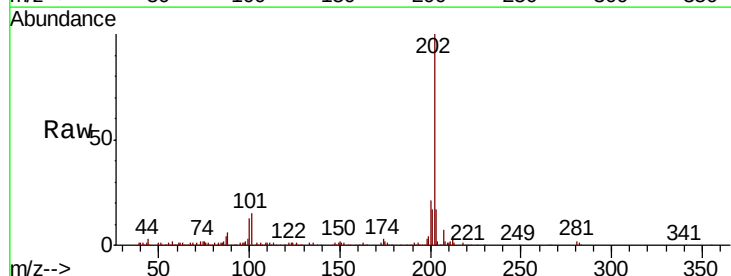
Instrument :
 BNA_M
 ClientSampleId :

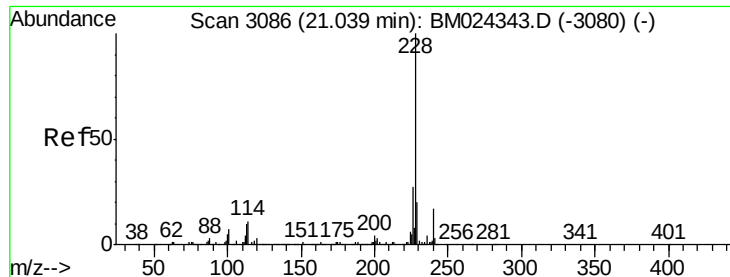
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	15.8
100	9.7	8.1	12.1



#80
 Pyrene
 Concen: 3.517 ng/ul
 RT: 19.27 min Scan# 2786
 Delta R.T. -0.00 min
 Lab File: BM024346.D
 Acq: 28 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.9	10.0	15.0





#83

Benzo(a)anthracene

Concen: 2.120 ng/ul

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

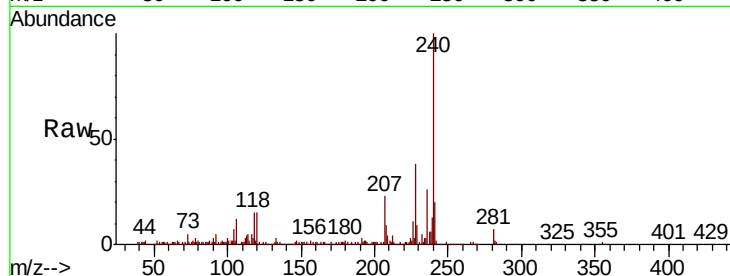
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 163056

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	28.9	22.2	33.2

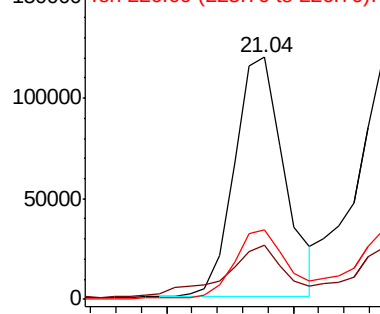


Abundance

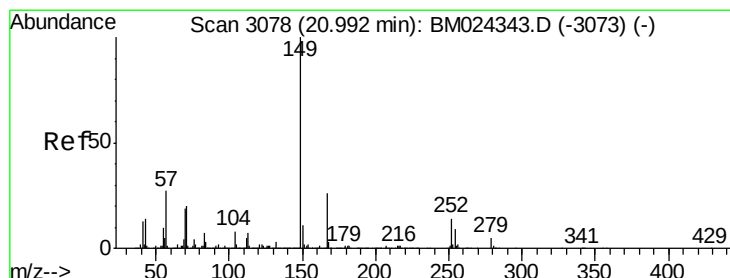
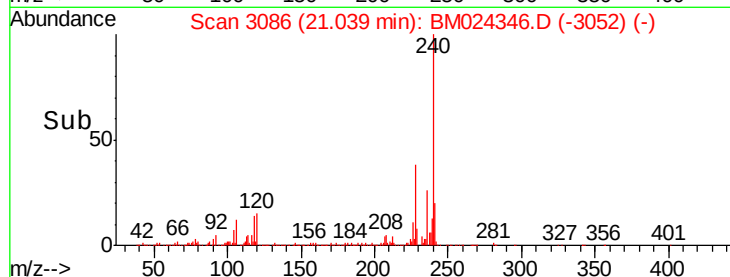
Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.765 ng/ul

RT: 20.99 min Scan# 3077

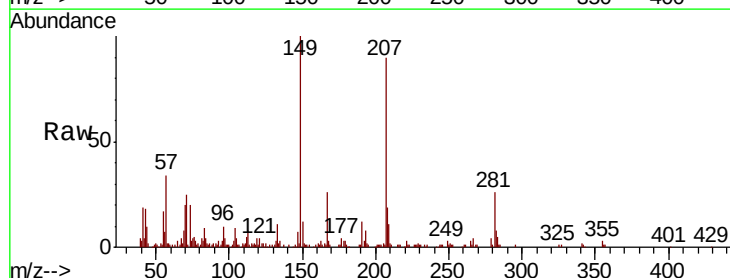
Delta R.T. -0.01 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

Tgt Ion:149 Resp: 81651

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.9	3.7	5.5

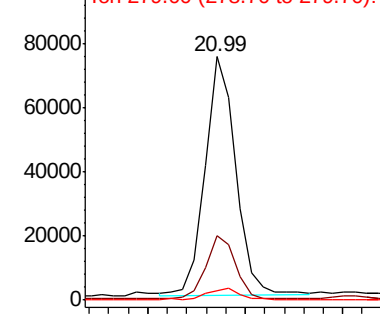


Abundance

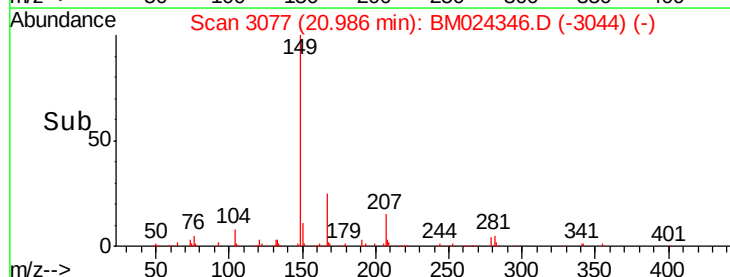
Ion 149.00 (148.70 to 149.70): E

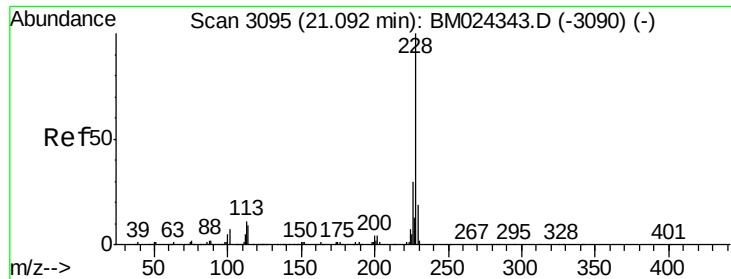
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Chrysene

Concen: 2.363 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

Instrument :

BNA_M

ClientSampleId :

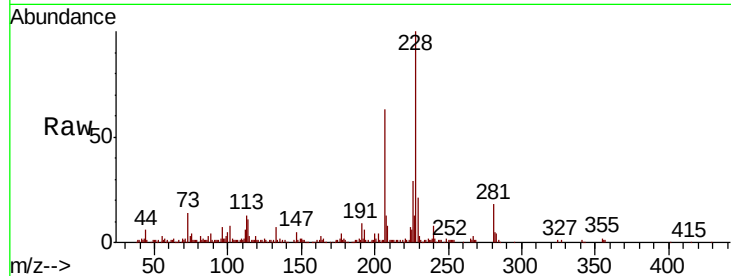
Tot Ion:228 Resp: 178118

Ion Ratio Lower Upper

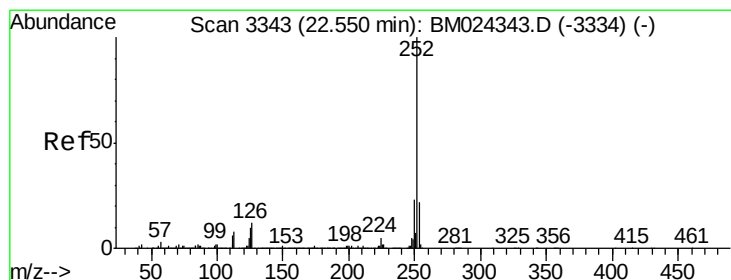
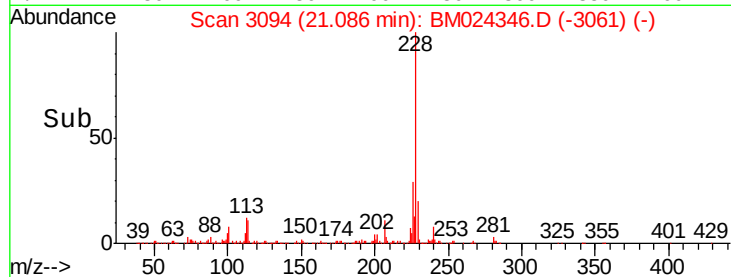
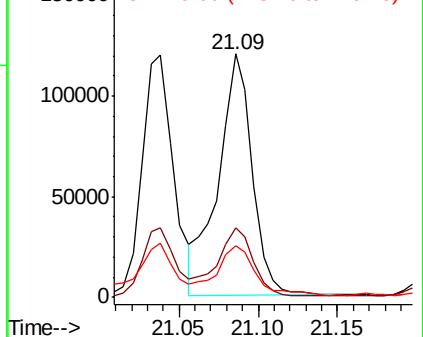
228 100

226 28.8 24.0 36.0

229 21.0 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: 3.225 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.00 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

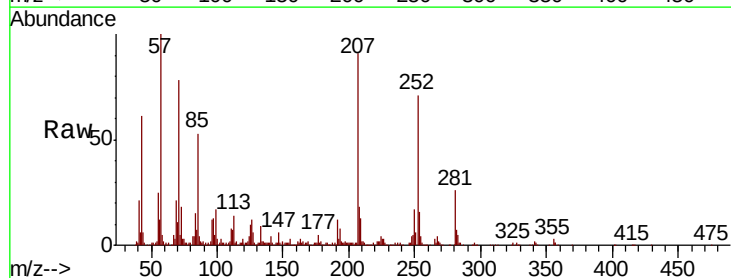
Tgt Ion:252 Resp: 284141

Ion Ratio Lower Upper

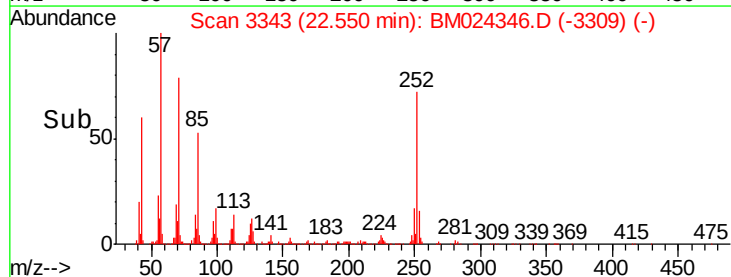
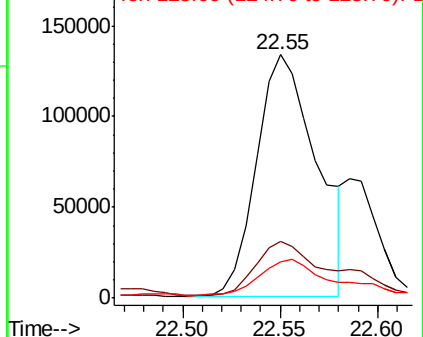
252 100

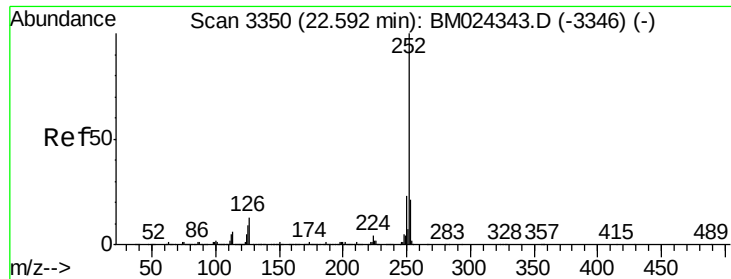
253 23.4 17.2 25.8

125 14.7 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





#89

Benzo(k)fluoranthene

Concen: 3.287 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.04 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

Instrument :

BNA_M

ClientSampleId :

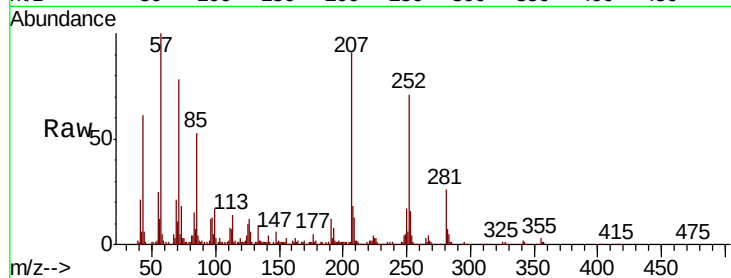
Tot Ion:252 Resp: 284141

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

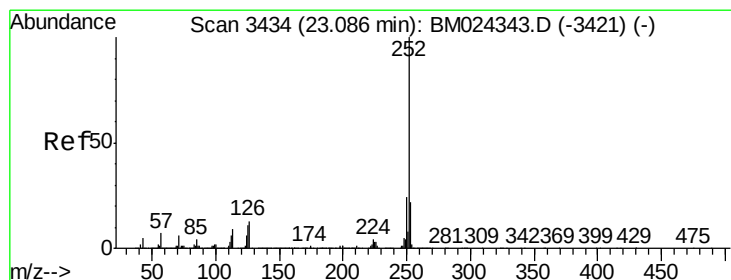
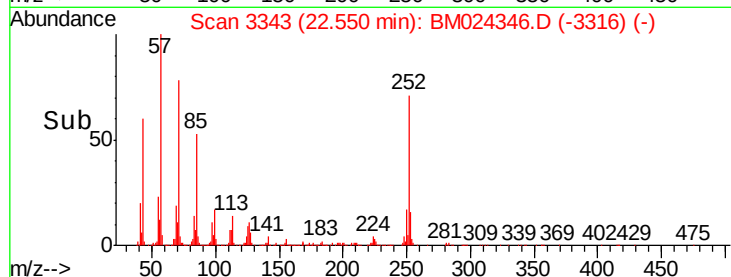
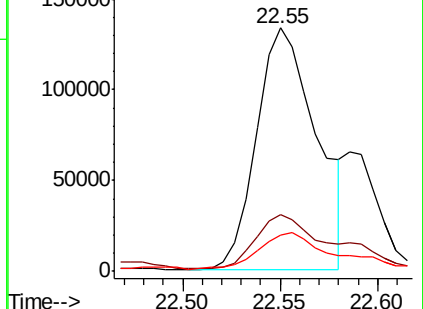
125 14.7 7.9 11.9#



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

Benzo(a)pyrene

Concen: 2.021 ng/ul

RT: 23.08 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM024346.D

Acq: 28 Dec 2019 13:12

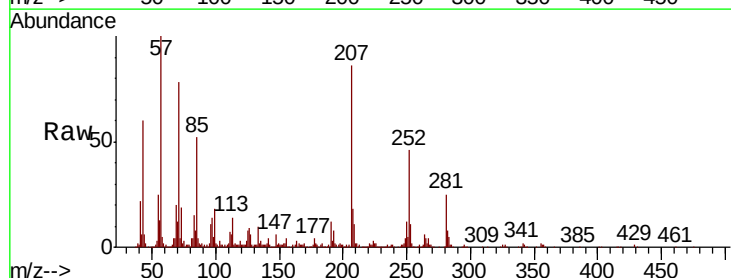
Tgt Ion:252 Resp: 161123

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

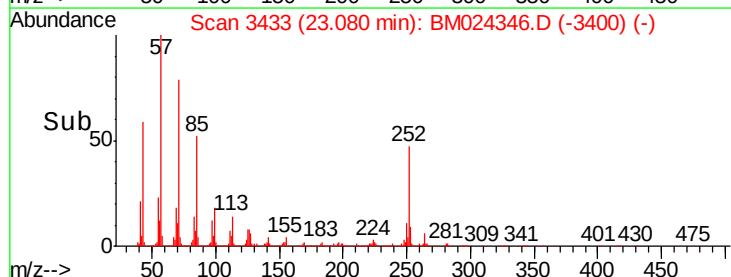
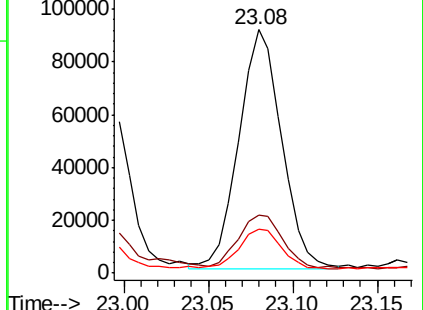
125 18.2 8.2 12.4#

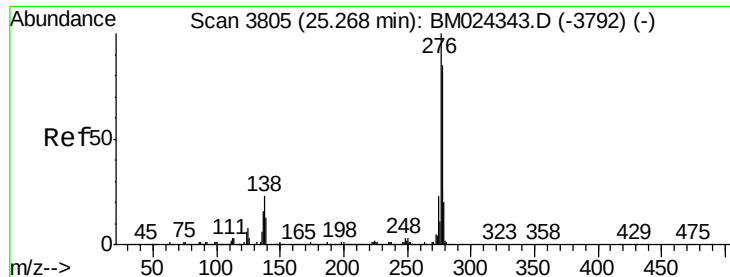


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



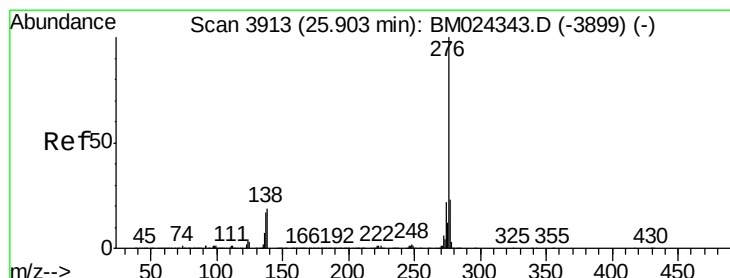
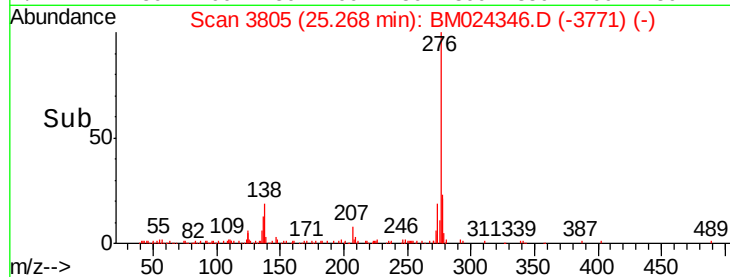
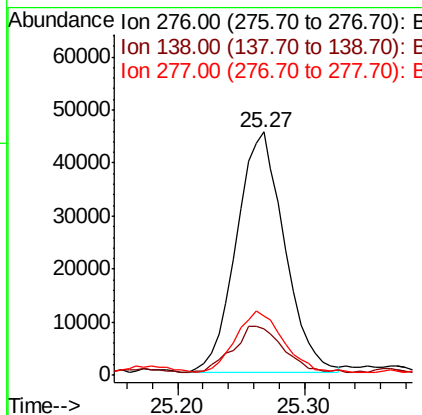
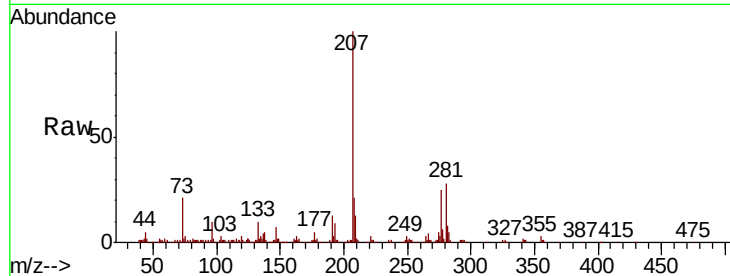


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.252 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.3	27.5
277	24.3	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 1.280 ng/ul
RT: 25.90 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.3	22.9
277	22.2	19.3	28.9

