

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024165.D
 Acq On : 18 Dec 2019 22:47
 Operator : JU
 Sample : K6171-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 02:43:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	441206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2019611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1251992	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2556086	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1983130	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1899590	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	34522	3.46	ng/uL	0.00
5) Phenol-d5	6.65	99	807438	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	492267	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	625602	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	678057	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	315211	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	350629	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	656341	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	630940	16.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	2046835	22.11	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2517966	22.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	194330	11.69	ng/ul	0.00
58) Fluorene-d10	15.11	176	1797751	22.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	155554	9.98	ng/ul	0.00
71) Anthracene-d10	16.96	188	2602754	22.38	ng/ul	0.00
79) Pyrene-d10	19.27	212	2731305	28.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2157348	22.86	ng/ul	0.00

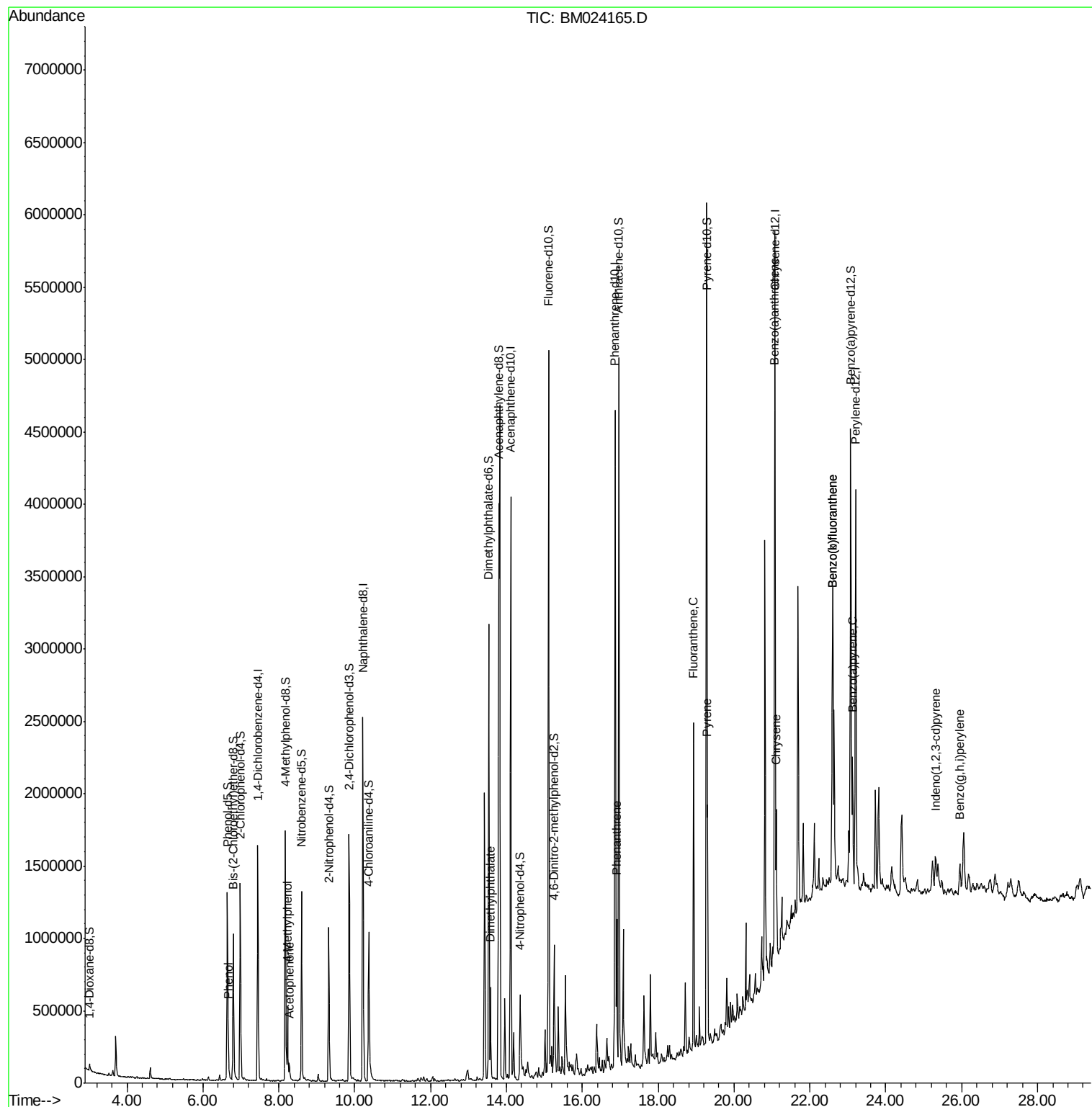
Target Compounds				Ovalue		
6) Phenol	6.68	94	43750	1.014	ng/ul	93
14) Acetophenone	8.28	105	59587	1.157	ng/ul	96
16) 4-Methylphenol	8.23	108	187059	5.253	ng/ul	86
45) Dimethylphthalate	13.58	163	393080	4.085	ng/ul	99
70) Phenanthrene	16.90	178	507627	3.547	ng/ul	99
77) Fluoranthene	18.93	202	1282645	8.224	ng/ul	100
80) Pyrene	19.30	202	1019633	7.876	ng/ul	99
83) Benzo(a)anthracene	21.06	228	430179	3.405	ng/ul	99
85) Chrysene	21.11	228	480668	3.881	ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	577717	5.083	ng/ul#	93
89) Benzo(k)fluoranthene	22.58	252	577717	5.180	ng/ul#	95
91) Benzo(a)pyrene	23.12	252	344422	3.350	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.32	276	248551	2.013	ng/ul	95
94) Benzo(g,h,i)perylene	25.95	276	241174	2.392	ng/ul	100

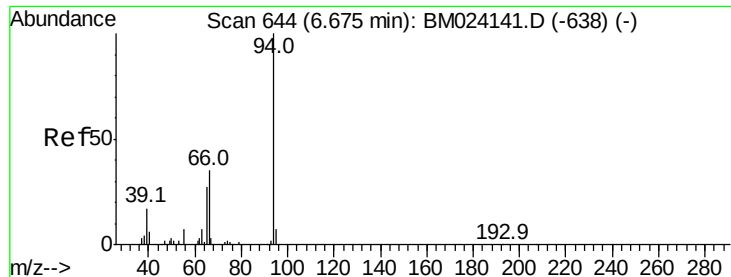
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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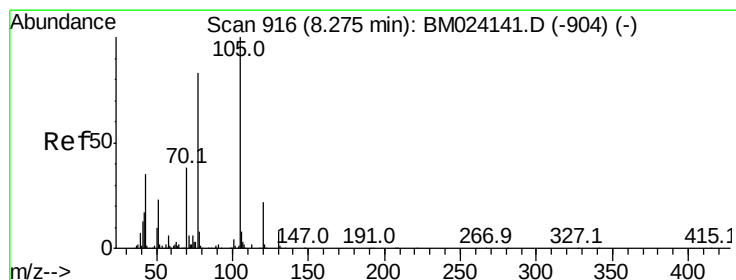
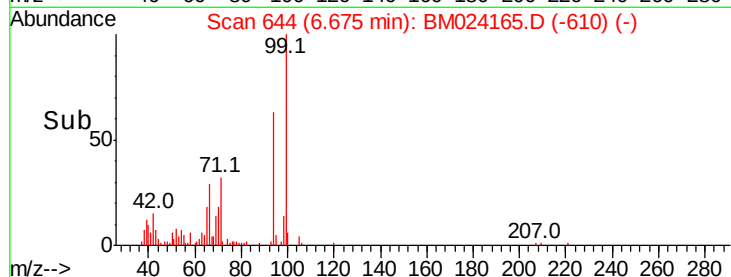
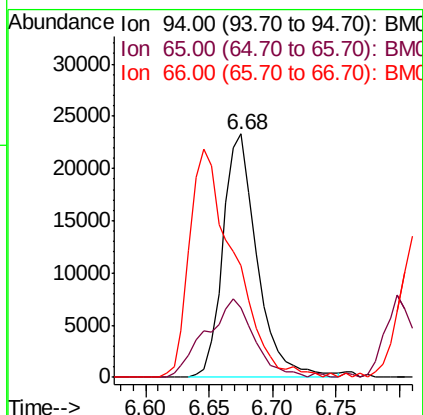
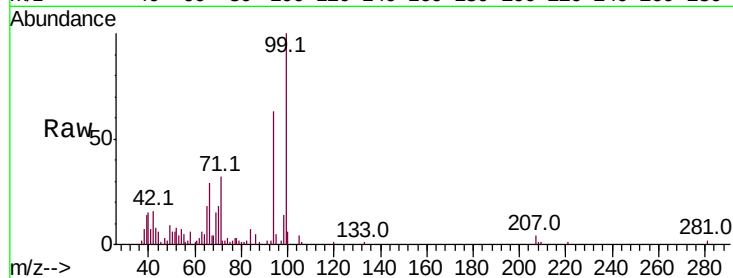
#6

Phenol

Concen: 1.014 ng/ul
 RT: 6.68 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BM024165.D
 Acq: 18 Dec 2019 22:47

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 43750
 Ion Ratio Lower Upper
 94 100
 65 28.4 22.6 33.8
 66 45.8 30.7 46.1

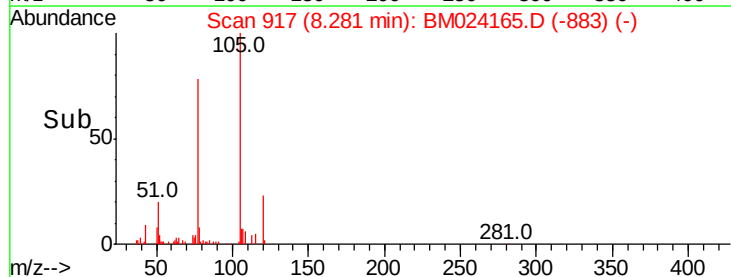
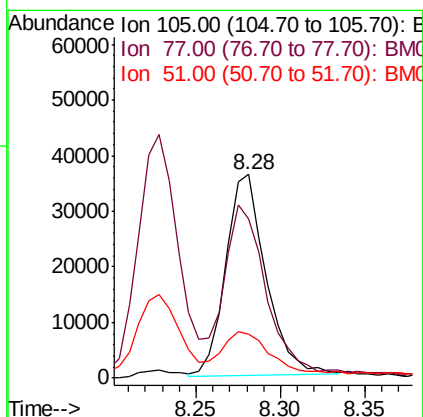
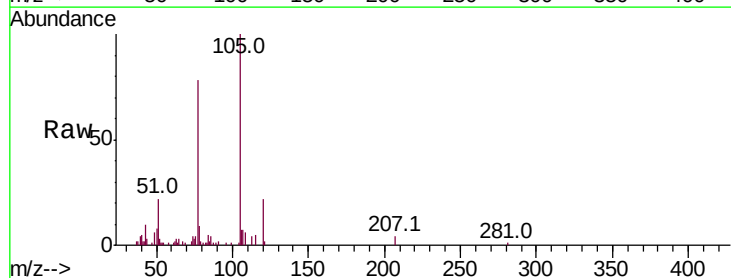


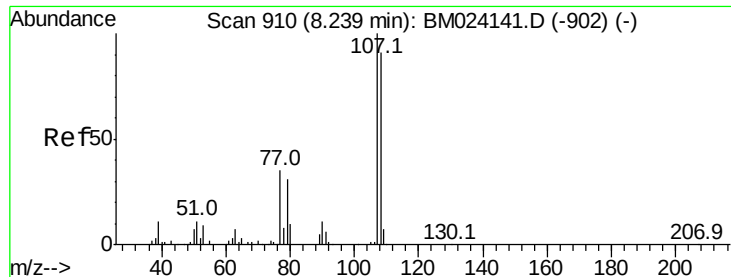
#14

Acetophenone

Concen: 1.157 ng/ul
 RT: 8.28 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BM024165.D
 Acq: 18 Dec 2019 22:47

Tgt Ion: 105 Resp: 59587
 Ion Ratio Lower Upper
 105 100
 77 78.4 65.6 98.4
 51 21.5 18.3 27.5





#16

4-Methylphenol

Concen: 5.253 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

Instrument :

BNA_M

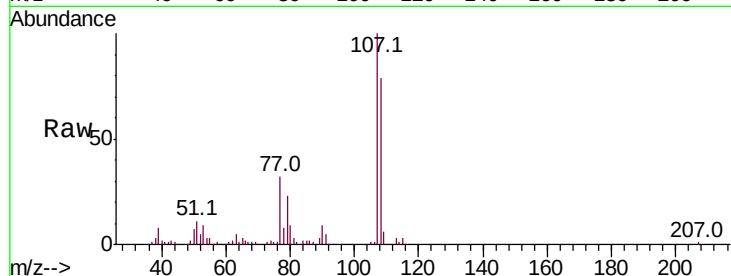
ClientSampleId :

Tot Ion:108 Resp: 187059

Ion Ratio Lower Upper

108 100

107 126.4 89.1 133.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

150000

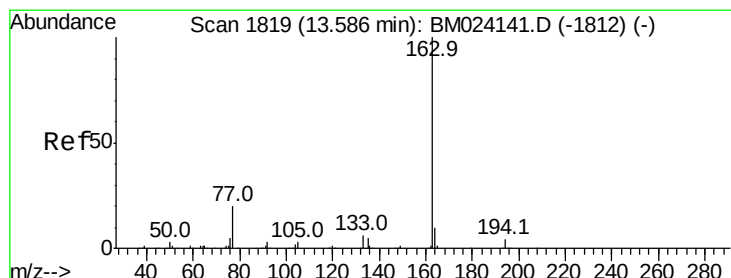
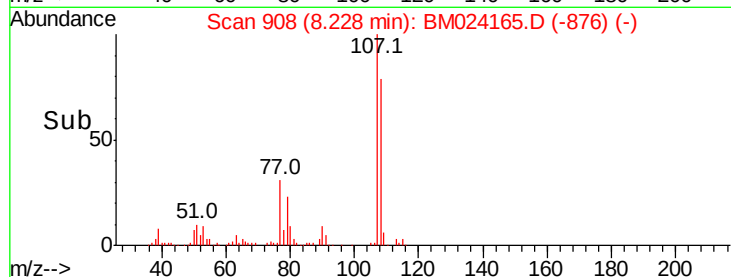
100000

50000

0

8.15 8.20 8.25 8.30

Time-->



#45

Dimethylphthalate

Concen: 4.085 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

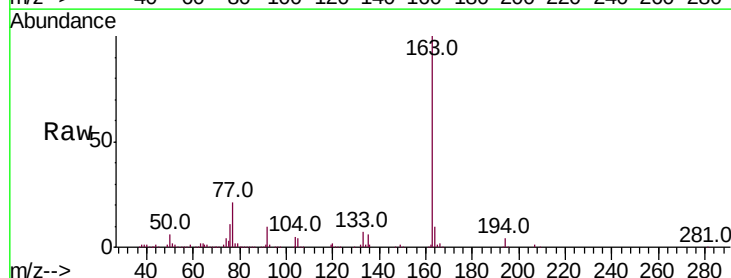
Tgt Ion:163 Resp: 393080

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 7.8 11.6



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

400000

300000

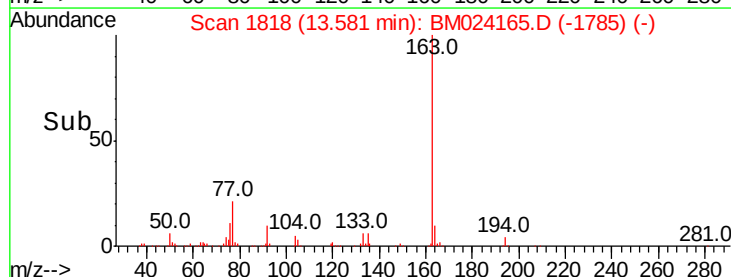
200000

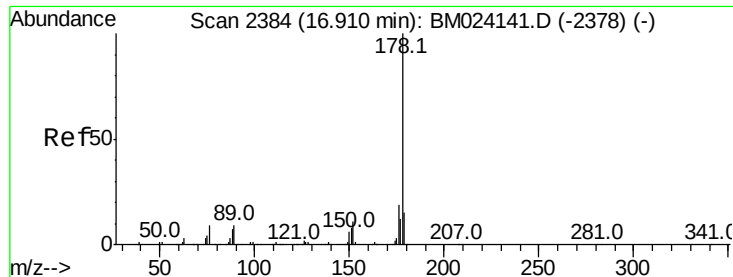
100000

0

13.55 13.60 13.65

Time-->





#70

Phenanthrene

Concen: 3.547 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

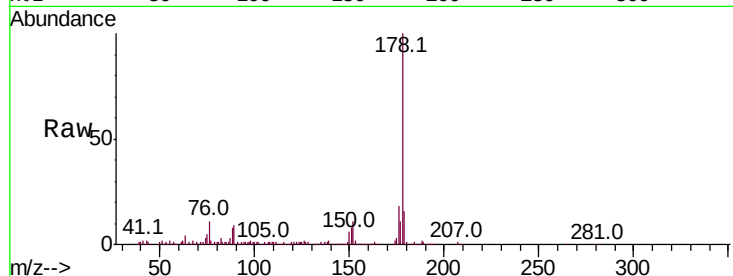
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 507627

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	18.3	15.1	22.7

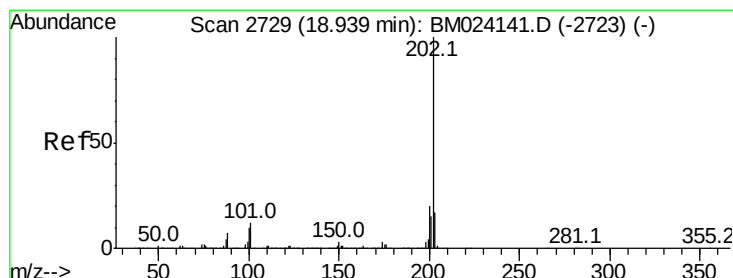
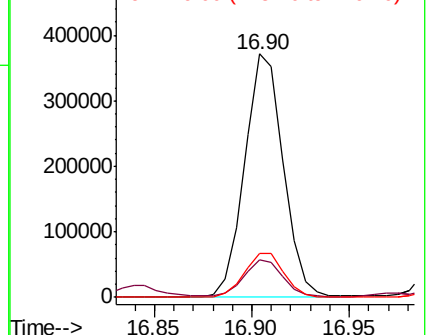
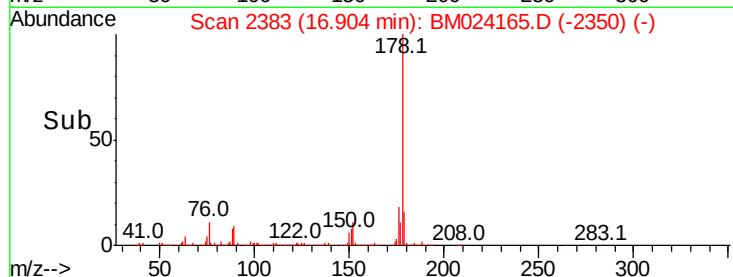


Abundance

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



#77

Fluoranthene

Concen: 8.224 ng/ul

RT: 18.93 min Scan# 2728

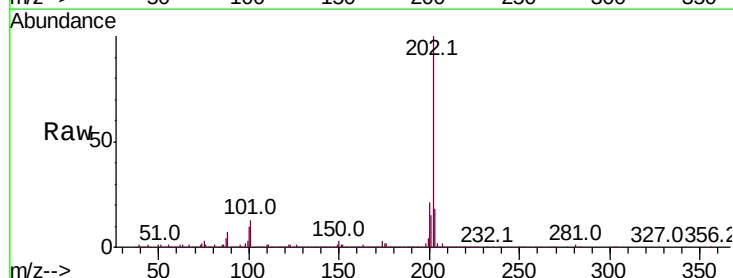
Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

Tgt Ion:202 Resp: 1282645

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	9.9	8.1	12.1

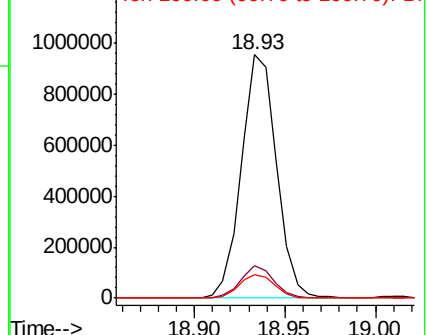
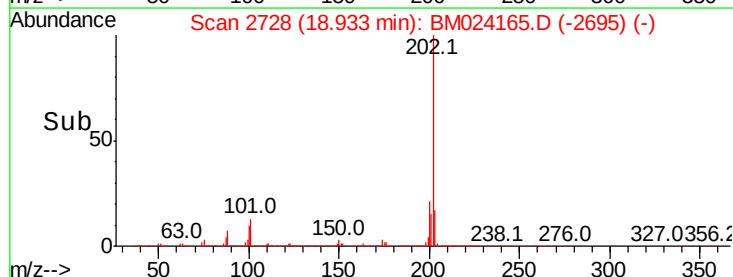


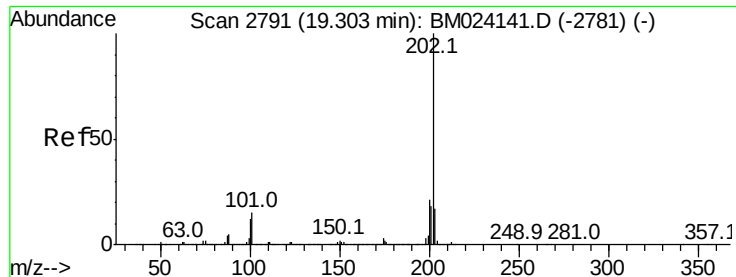
Abundance

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): E

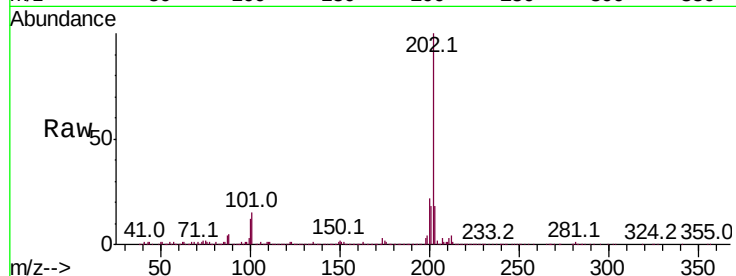




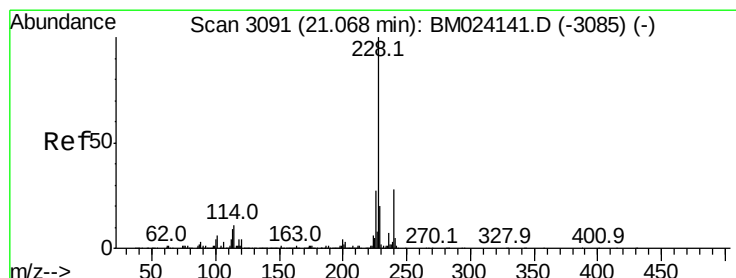
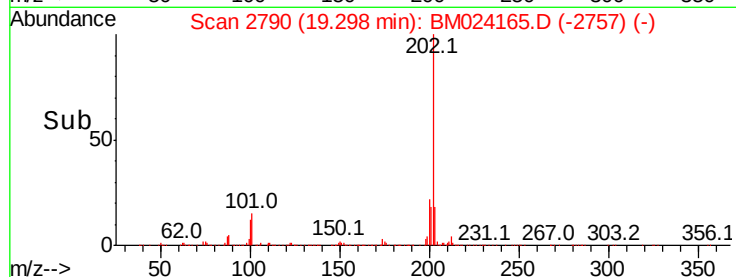
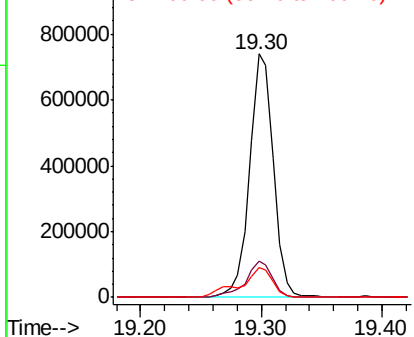
#80
Pvrene
Concen: 7.876 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024165.D
Acq: 18 Dec 2019 22:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1019633
Ion Ratio Lower Upper
202 100
101 14.9 12.2 18.4
100 12.5 10.0 15.0

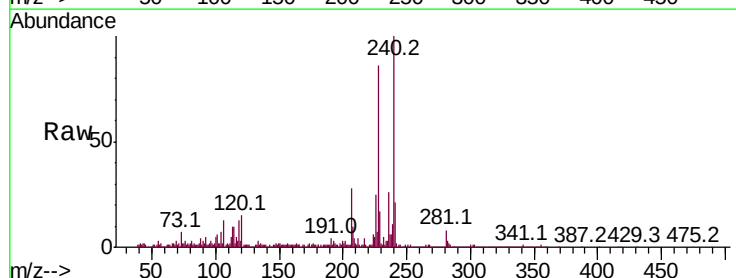


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

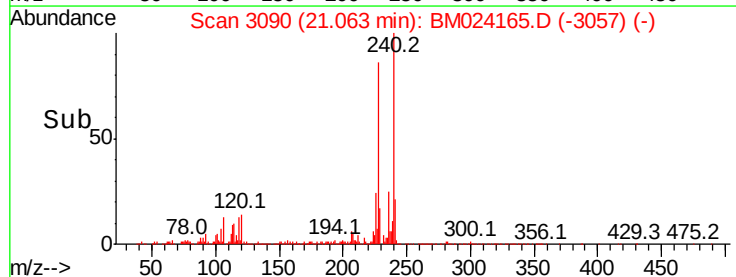
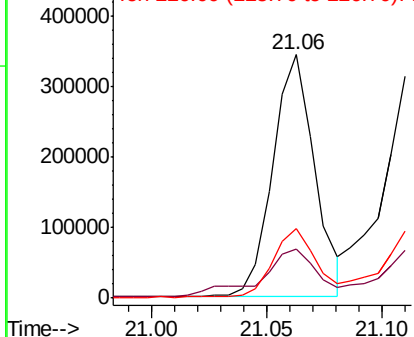


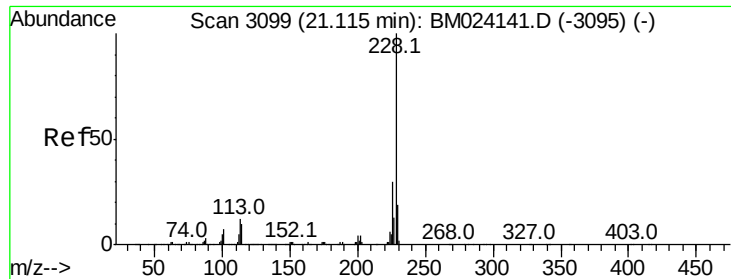
#83
Benzo(a)anthracene
Concen: 3.405 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024165.D
Acq: 18 Dec 2019 22:47

Tgt Ion:228 Resp: 430179
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 28.5 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





#85

Chrysene

Concen: 3.881 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

Instrument :

BNA_M

ClientSampleId :

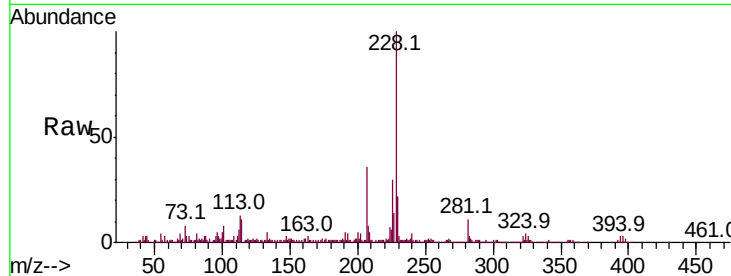
Tot Ion:228 Resp: 480668

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

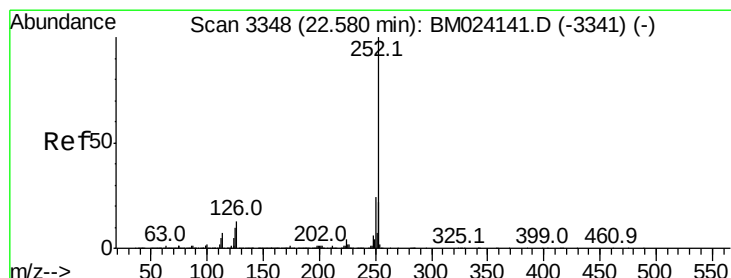
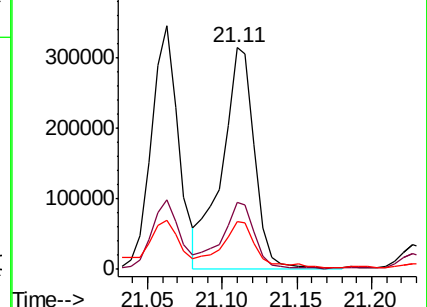
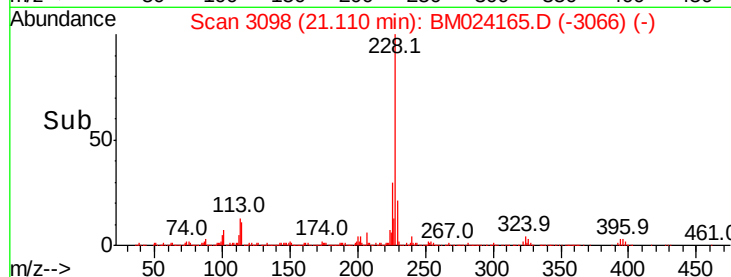
229 21.5 15.4 23.2



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: 5.083 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

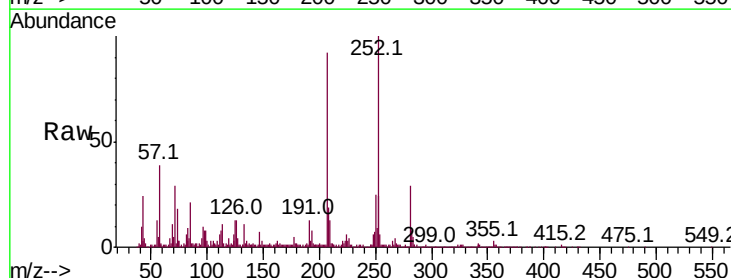
Tgt Ion:252 Resp: 577717

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

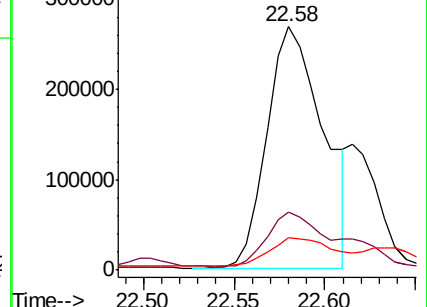
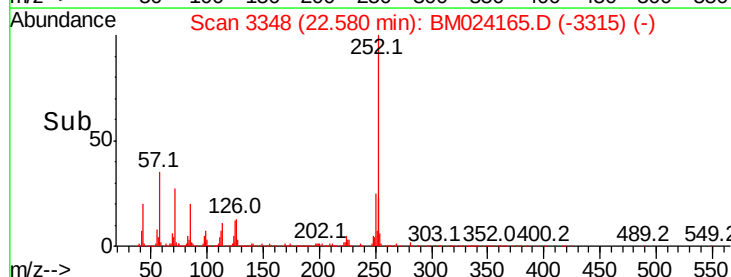
125 13.2 7.8 11.8#

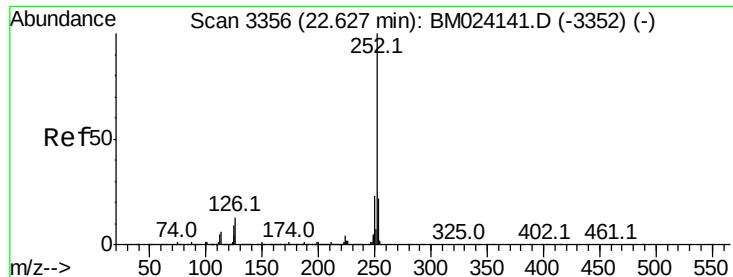


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.180 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BM024165.D

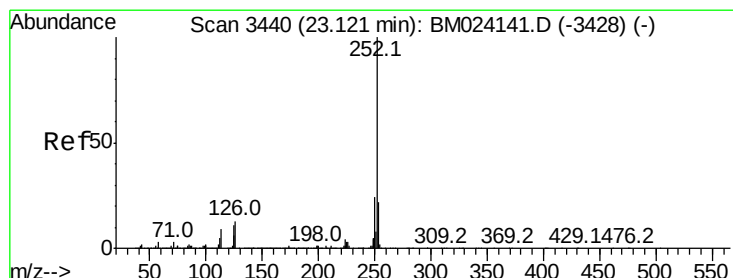
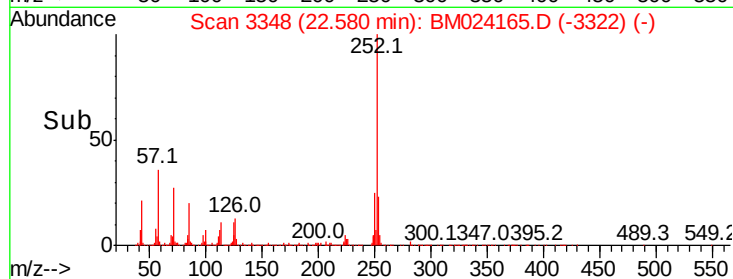
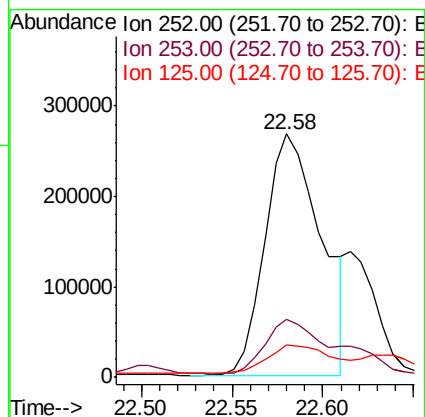
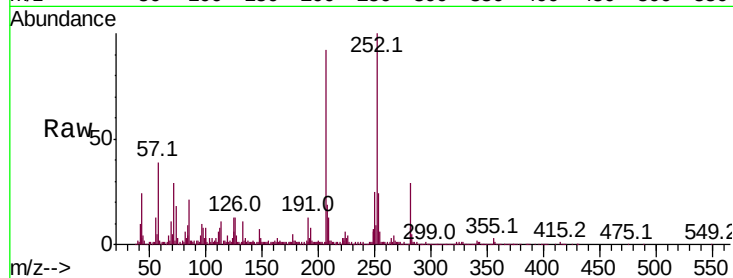
Acq: 18 Dec 2019 22:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	577717
Ion Ratio	Lower	Upper
252	100	
253	24.1	17.8 26.8
125	13.2	7.9 11.9#



#91

Benzo(a)pyrene

Concen: 3.350 ng/ul

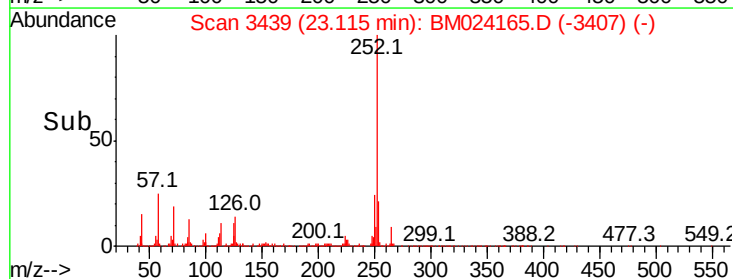
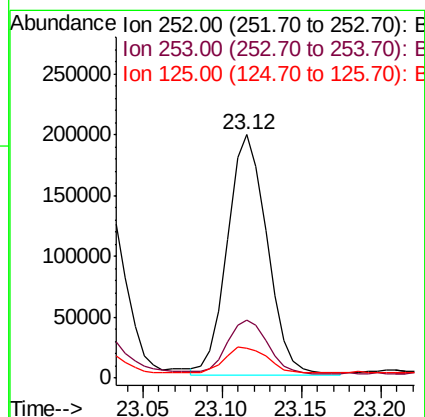
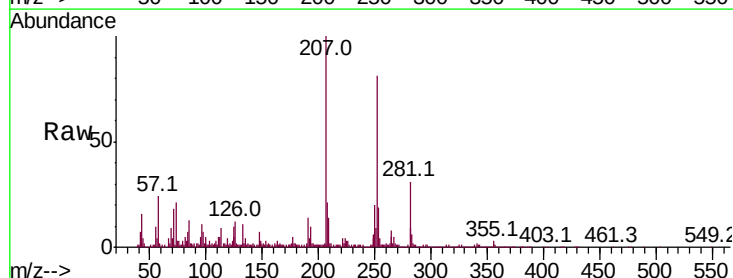
RT: 23.12 min Scan# 3439

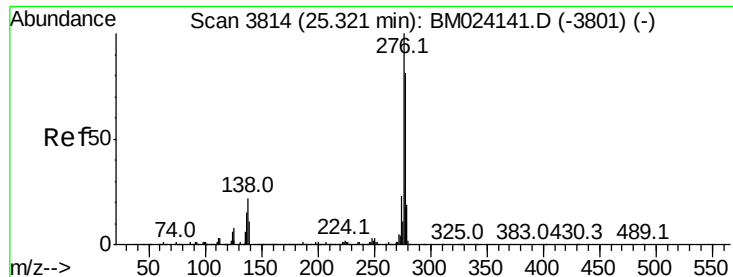
Delta R.T. -0.01 min

Lab File: BM024165.D

Acq: 18 Dec 2019 22:47

Tgt Ion:252	Resp:	344422
Ion Ratio	Lower	Upper
252	100	
253	24.0	17.5 26.3
125	12.4	8.2 12.4



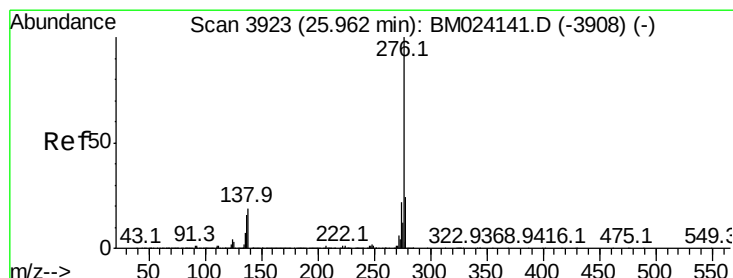
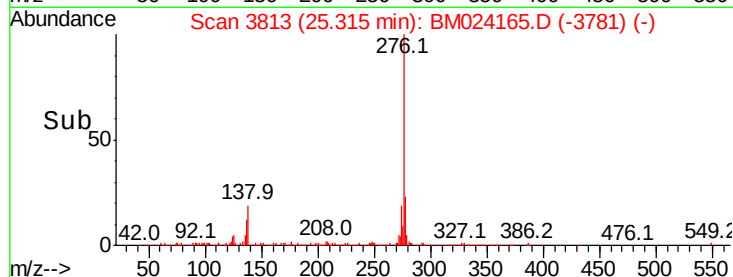
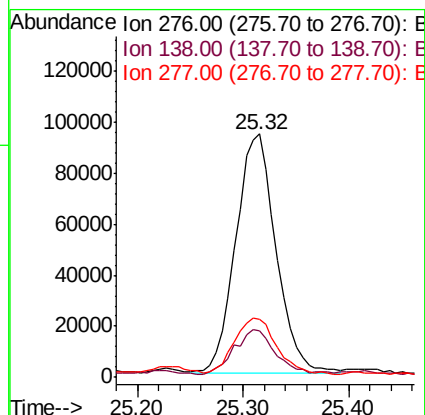
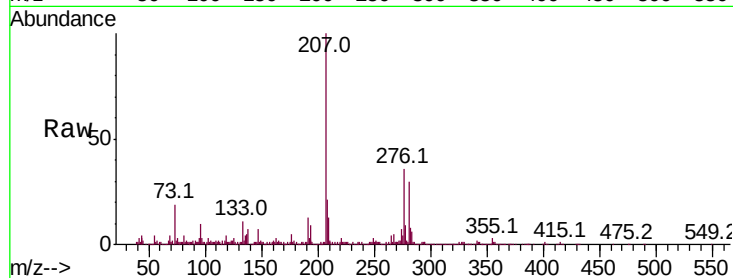


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.013 ng/ul
RT: 25.32 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM024165.D
Acq: 18 Dec 2019 22:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.3	27.5
277	23.7	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 2.392 ng/ul
RT: 25.95 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM024165.D
Acq: 18 Dec 2019 22:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.3	22.9
277	24.3	19.3	28.9

