

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024041.D
 Acq On : 11 Dec 2019 19:40
 Operator : JU
 Sample : K6088-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

Quant Time: Dec 12 00:44:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	414975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1767781	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	1105297	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2168652	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1616062	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1881157	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	33336	3.57	ng/uL	0.00
5) Phenol-d5	6.66	99	662039	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	432918	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	534197	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	534025	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	264927	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	291110	18.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	526244	17.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	479825	14.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1782613	20.76	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2115907	21.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	177975	12.33	ng/ul	0.00
58) Fluorene-d10	15.13	176	1546728	21.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	203292	14.93	ng/ul	0.00
71) Anthracene-d10	16.99	188	2179788	21.05	ng/ul	0.00
79) Pyrene-d10	19.29	212	2102994	25.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2172667	21.85	ng/ul	0.00

Target Compounds

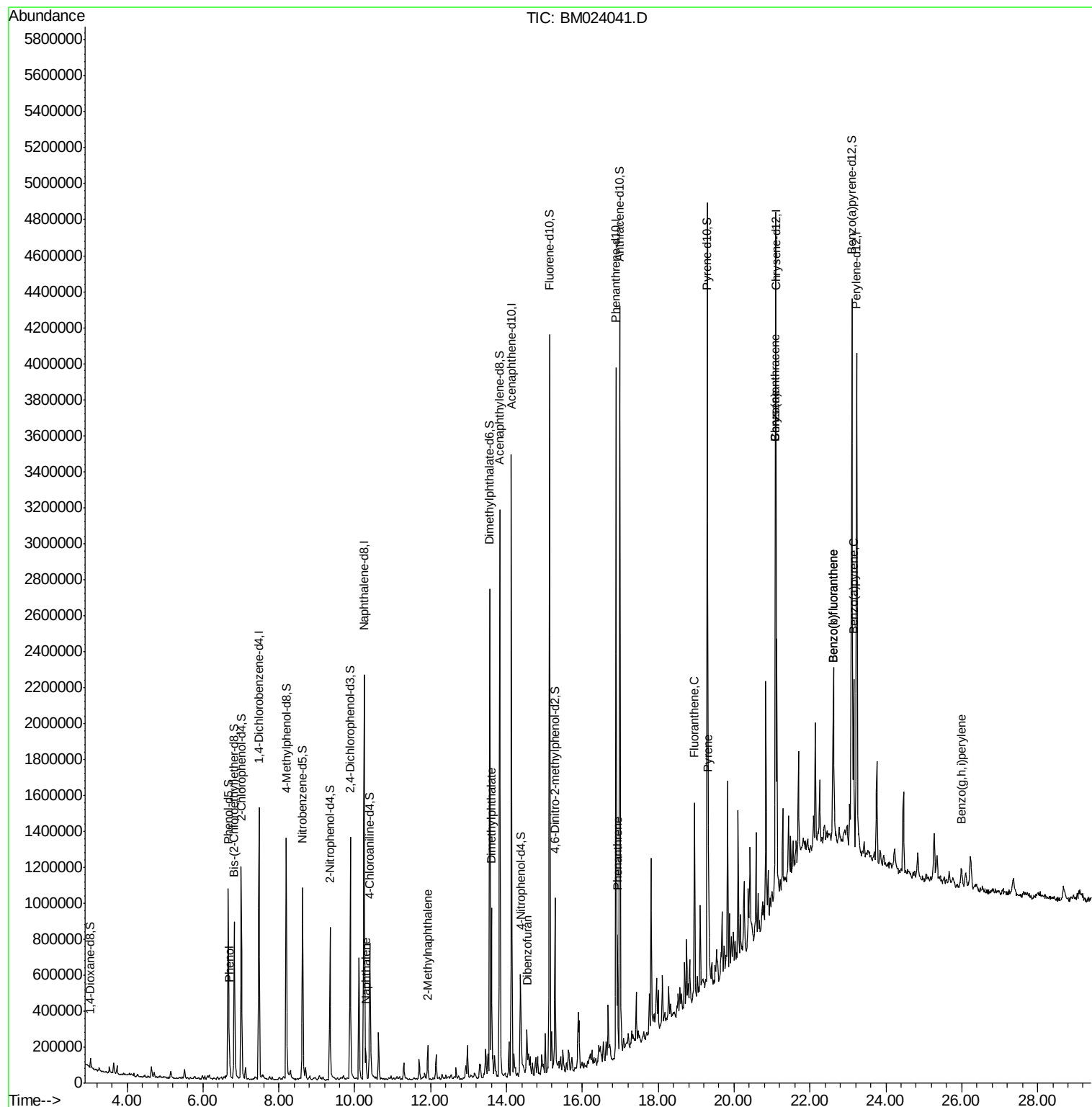
					Ovalue
6) Phenol	6.69	94	67349	1.800	ng/ul 96
28) Naphthalene	10.29	128	133526	1.433	ng/ul 99
34) 2-Methylnaphthalene	11.92	142	92015	1.360	ng/ul 98
45) Dimethylphthalate	13.60	163	587641	6.990	ng/ul 99
54) Dibenzofuran	14.54	168	106959	1.045	ng/ul 94
70) Phenanthrene	16.93	178	379003	3.094	ng/ul 99
77) Fluoranthene	18.96	202	602725	4.588	ng/ul 99
80) Pyrene	19.32	202	507070	4.657	ng/ul 99
83) Benzo(a)anthracene	21.08	228	279149	2.584	ng/ul 95
85) Chrysene	21.08	228	285364	2.813	ng/ul 96
88) Benzo(b)fluoranthene	22.60	252	359366	3.089	ng/ul# 95
89) Benzo(k)fluoranthene	22.60	252	359366	3.254	ng/ul# 94
91) Benzo(a)pyrene	23.14	252	202318	1.839	ng/ul# 93
94) Benzo(g,h,i)perylene	26.00	276	122778	1.073	ng/ul 96

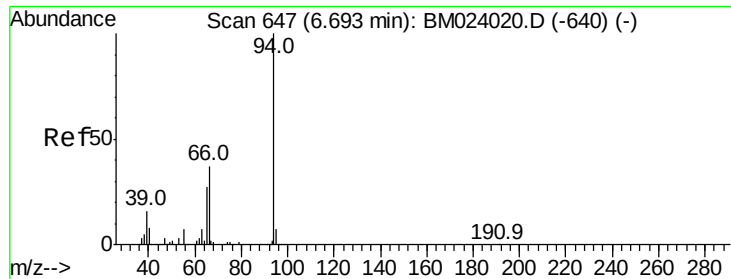
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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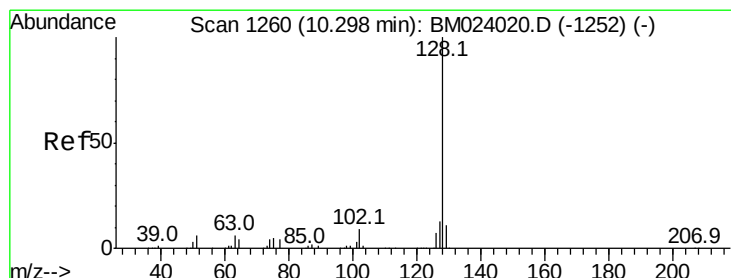
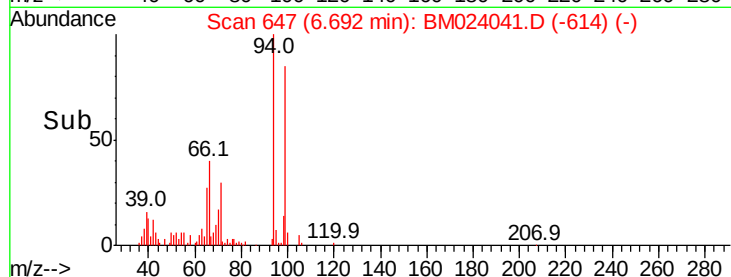
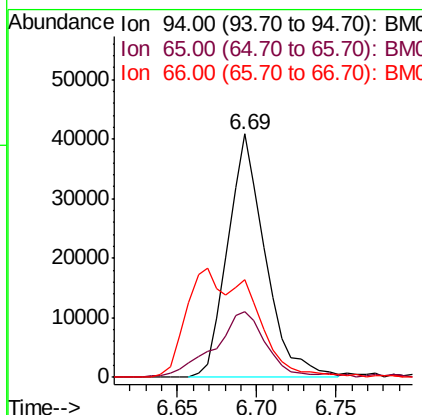
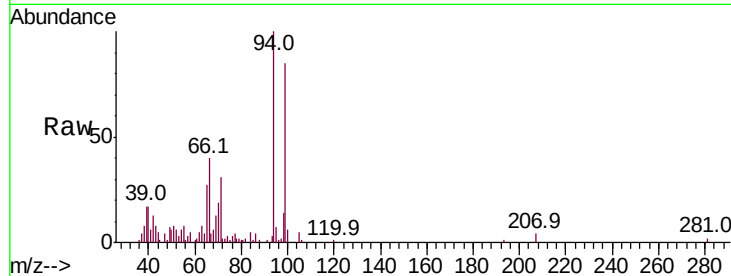
#6

Phenol

Concen: 1.800 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

Instrument :
 BNA_M
 ClientSampled :
 C0BM9

Tot Ion: 94 Resp: 67349
 Ion Ratio Lower Upper
 94 100
 65 27.0 21.7 32.5
 66 40.1 28.8 43.2

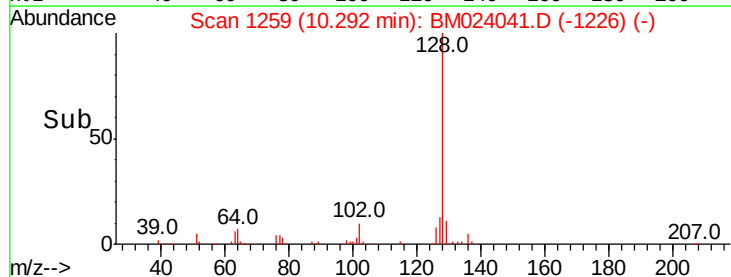
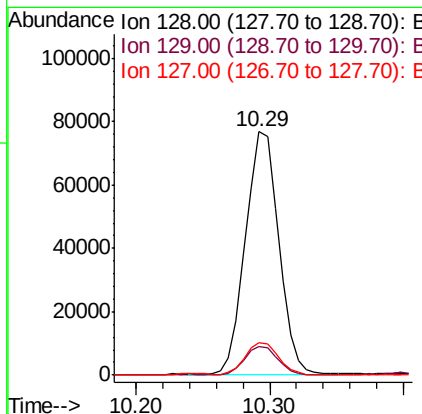
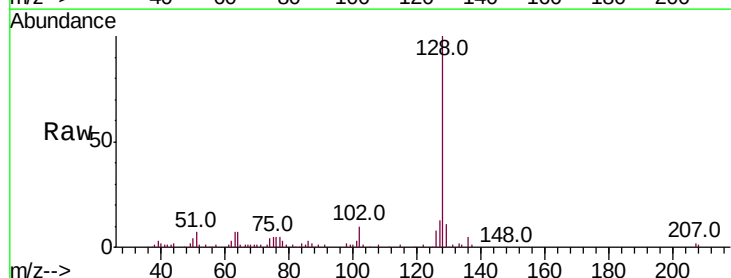


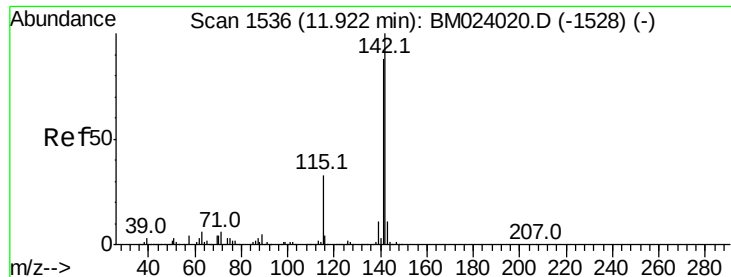
#28

Naphthalene

Concen: 1.433 ng/ul
 RT: 10.29 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

Tgt Ion:128 Resp: 133526
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 13.4 10.5 15.7

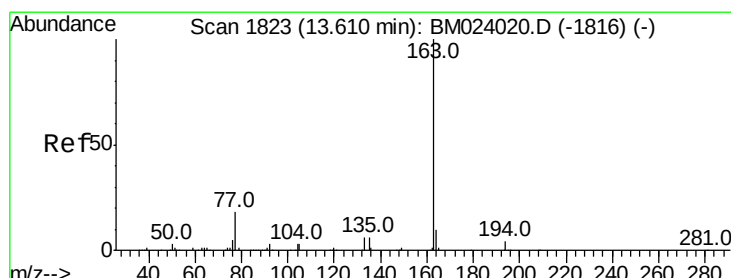
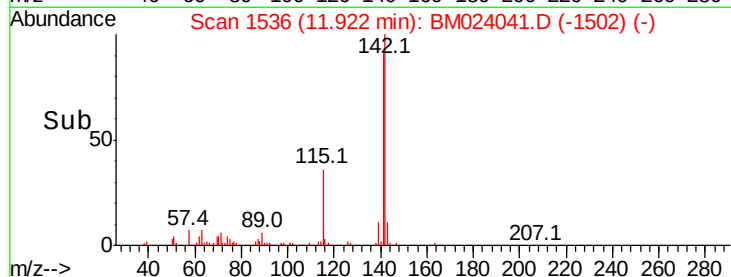
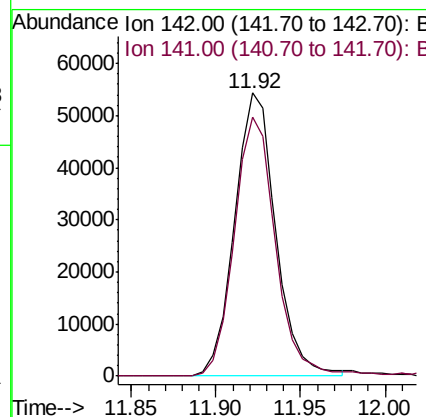
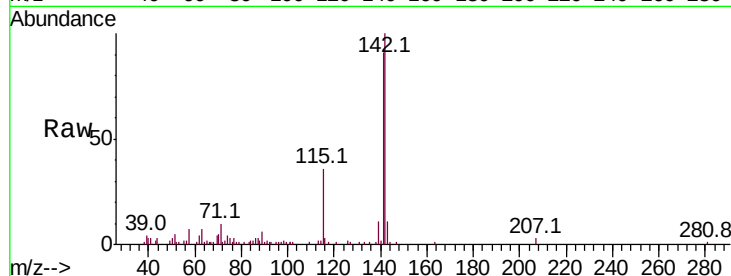




#34
 2-Methylnaphthalene
 Concen: 1.360 ng/ul
 RT: 11.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

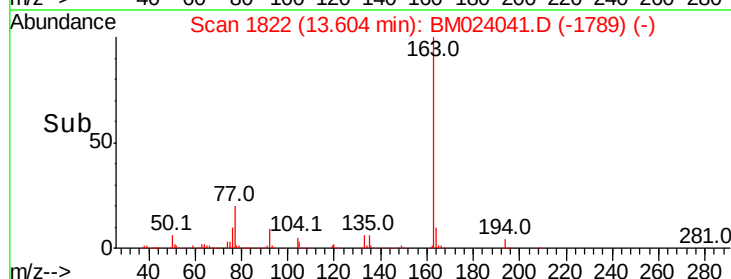
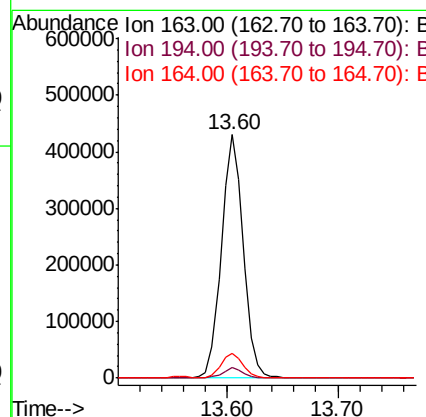
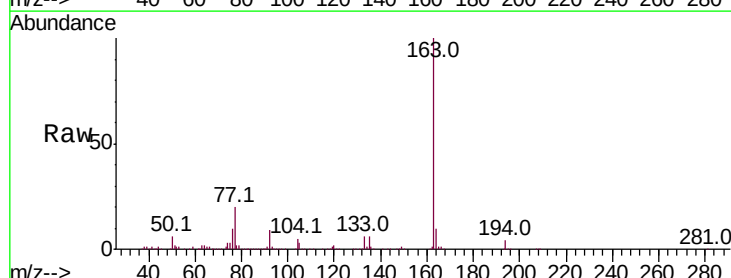
Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

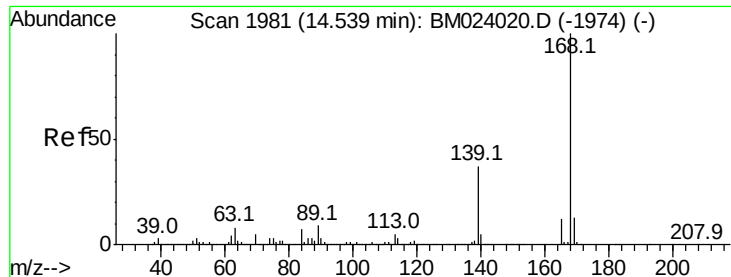
Tot Ion:142 Resp: 92015
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.3 106.9



#45
 Dimethylphthalate
 Concen: 6.990 ng/ul
 RT: 13.60 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

Tgt Ion:163 Resp: 587641
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.3 4.9
 164 10.1 7.9 11.9





#54

Dibenzenofuran

Concen: 1.045 ng/ul

RT: 14.54 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Instrument :

BNA_M

ClientSampleId :

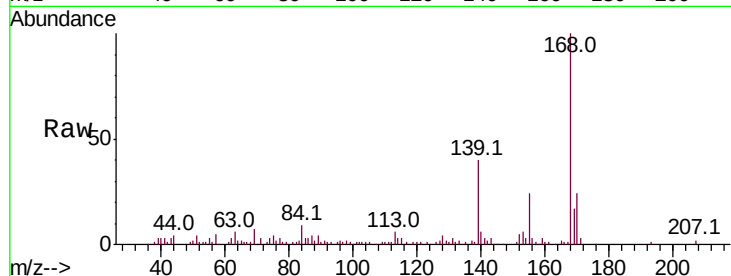
C0BM9

Tot Ion:168 Resp: 106959

Ion Ratio Lower Upper

168 100

139 40.4 29.4 44.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

80000

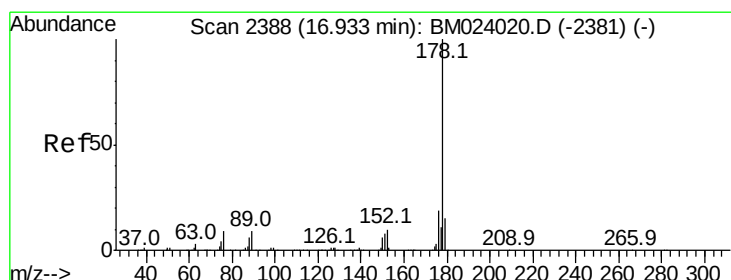
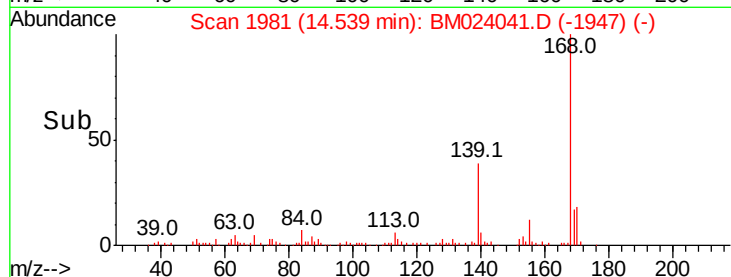
60000

40000

20000

0

Time--> 14.45 14.50 14.55 14.60



#70

Phenanthrene

Concen: 3.094 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

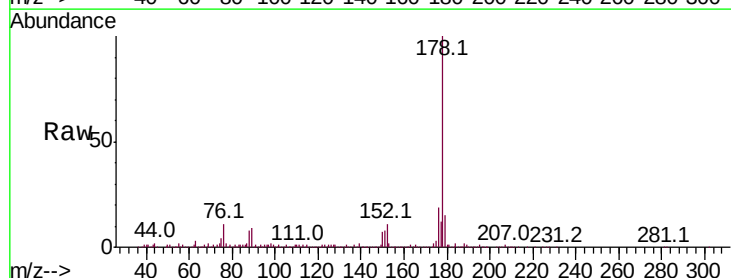
Tgt Ion:178 Resp: 379003

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 19.5 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

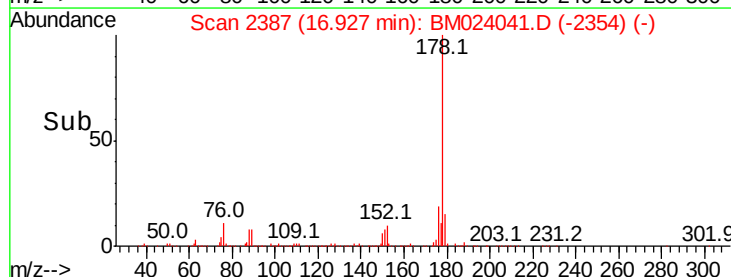
300000

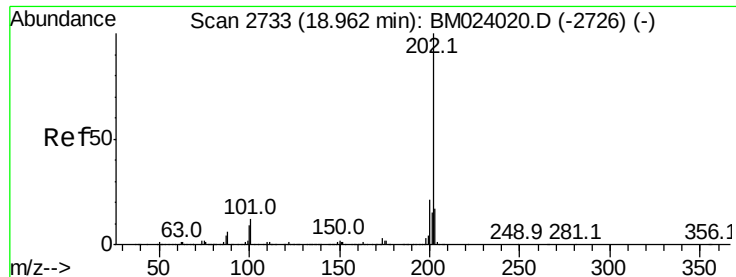
200000

100000

0

Time--> 16.90 16.95 17.00

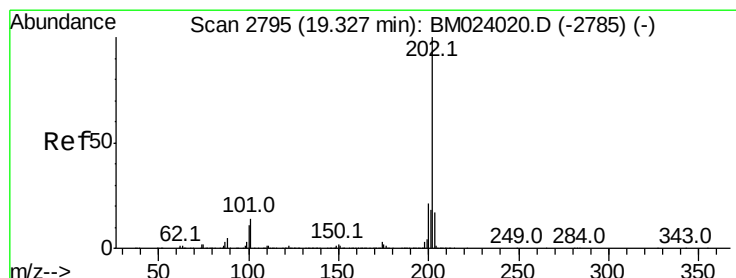
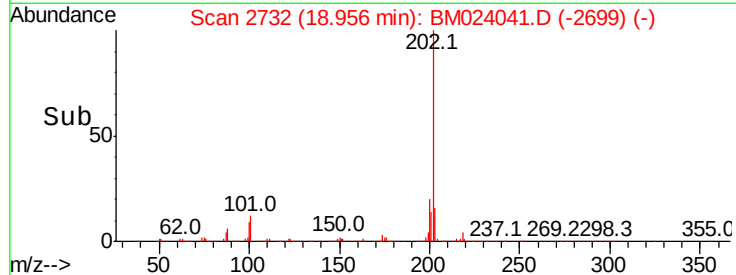
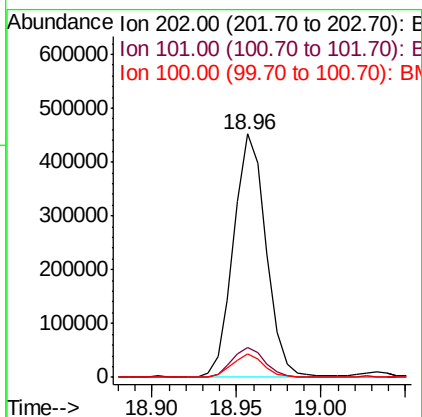
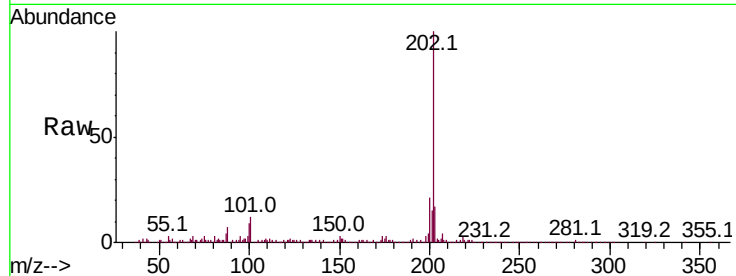




#77
 Fluoranthene
 Concen: 4.588 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

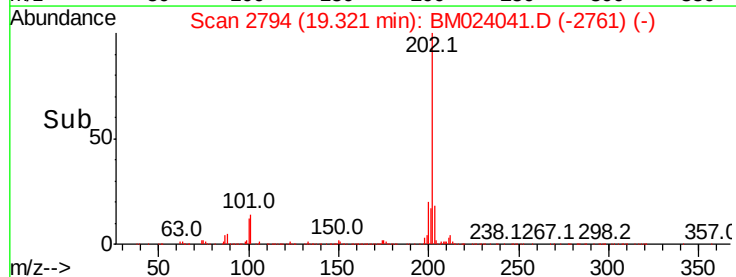
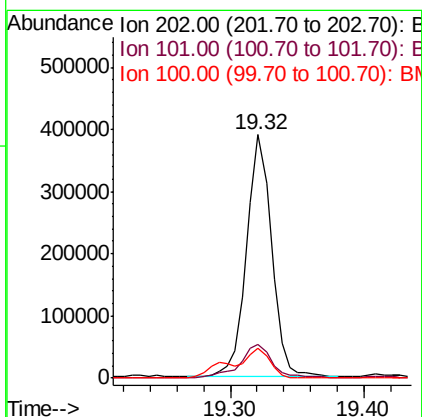
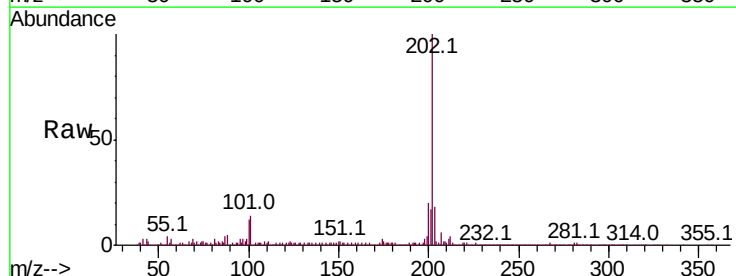
Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

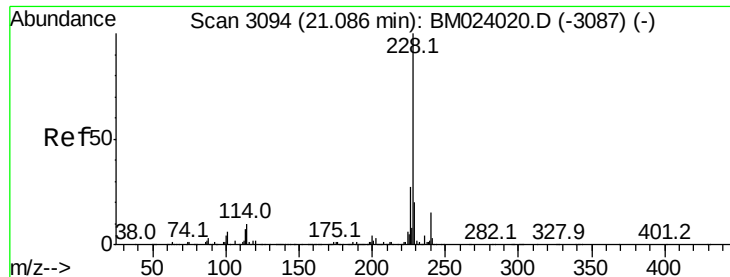
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.1	15.1
100	9.4	7.8	11.6



#80
 Pyrene
 Concen: 4.657 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM024041.D
 Acq: 11 Dec 2019 19:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.8	17.6
100	12.2	9.8	14.6





#83

Benzo(a)anthracene

Concen: 2.584 ng/ul

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Instrument :

BNA_M

ClientSampleId :

C0BM9

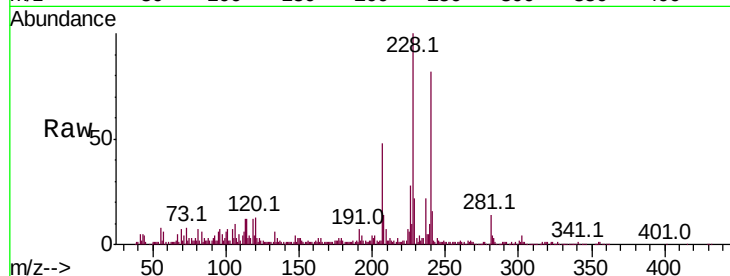
Tot Ion:228 Resp: 279149

Ion Ratio Lower Upper

228 100

229 22.4 15.6 23.4

226 28.4 21.4 32.0

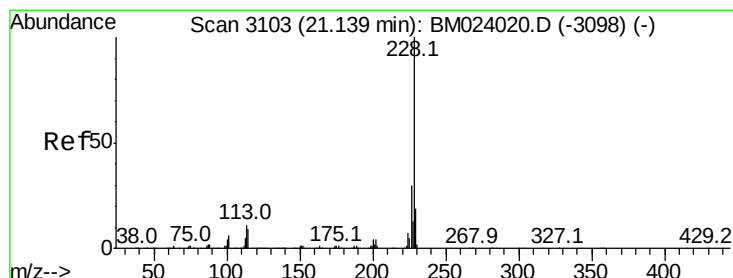
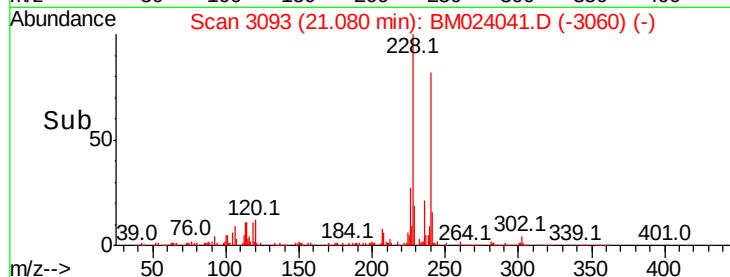
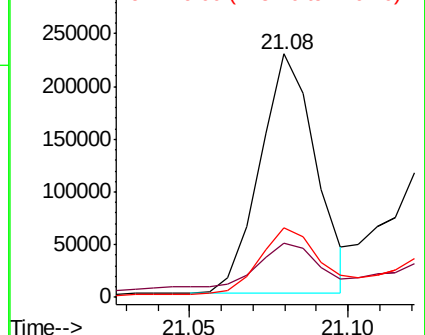


Abundance

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: 2.813 ng/ul

RT: 21.08 min Scan# 3093

Delta R.T. -0.06 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

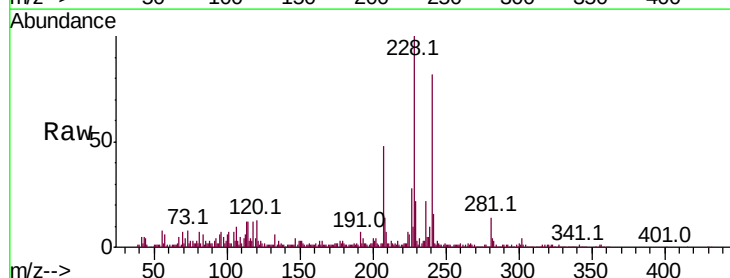
Tgt Ion:228 Resp: 285364

Ion Ratio Lower Upper

228 100

226 28.4 23.4 35.2

229 22.4 15.3 22.9

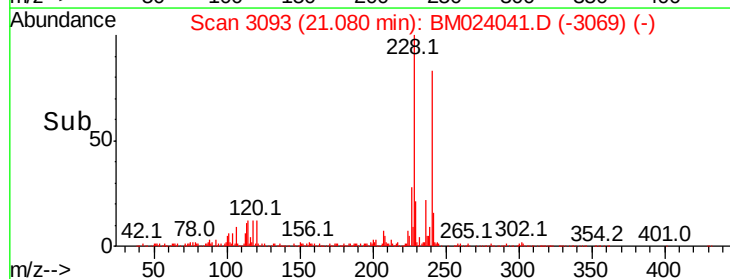
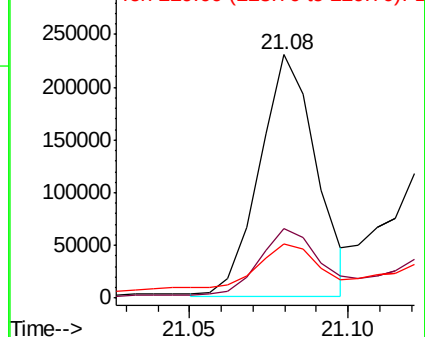


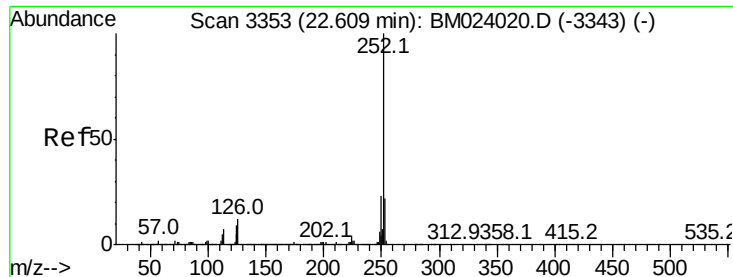
Abundance

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: 3.089 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Instrument :

BNA_M

ClientSampleId :

C0BM9

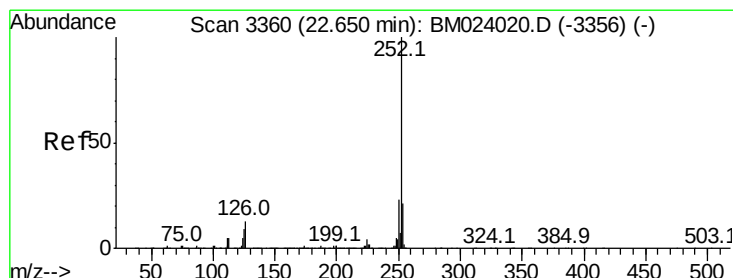
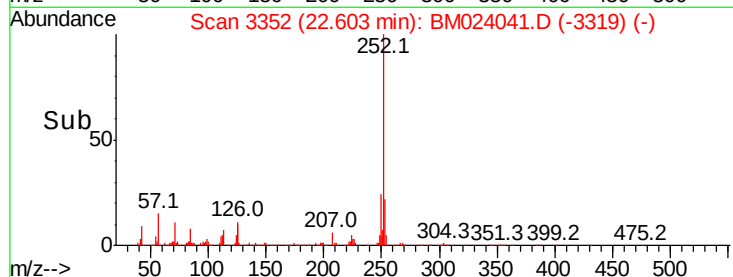
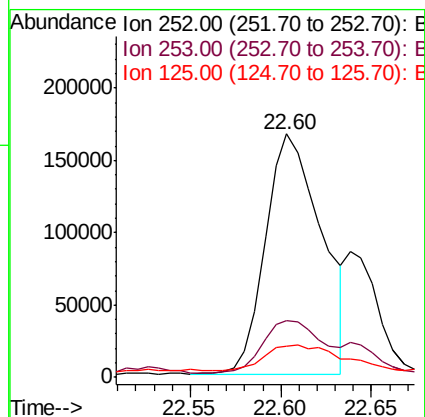
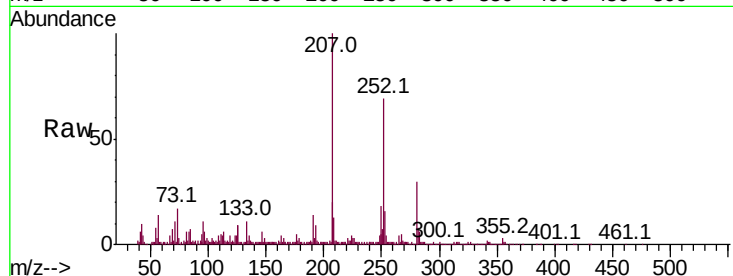
Tot Ion:252 Resp: 359366

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 12.9 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 3.254 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

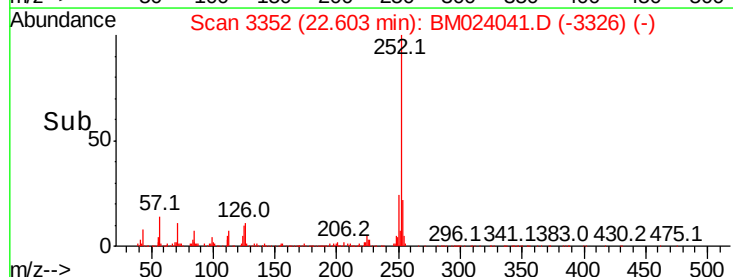
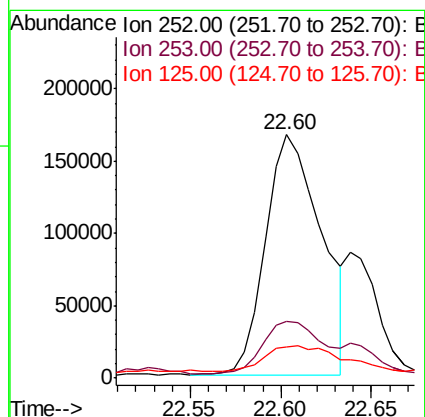
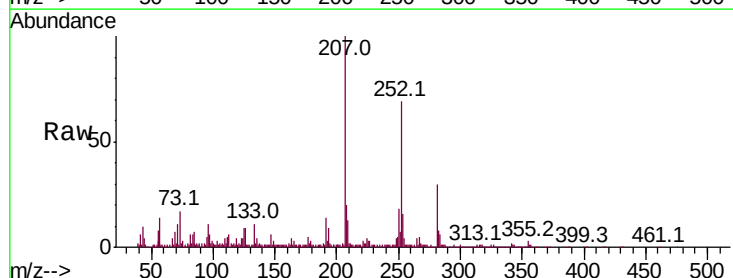
Tgt Ion:252 Resp: 359366

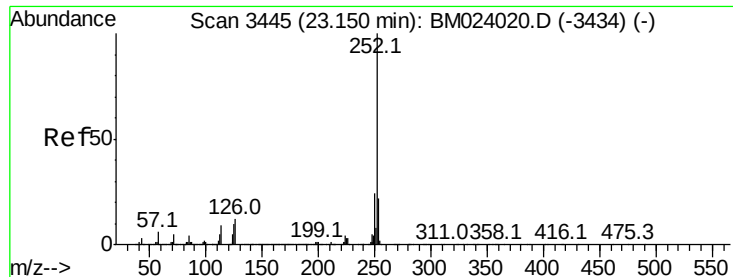
Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 12.9 7.0 10.4#





#91

Benzo(a)pyrene

Concen: 1.839 ng/ul

RT: 23.14 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

Instrument :

BNA_M

ClientSampleId :

C0BM9

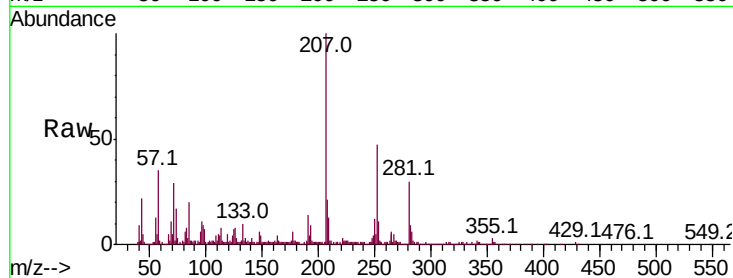
Tot Ion:252 Resp: 202318

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 14.6 7.8 11.6#

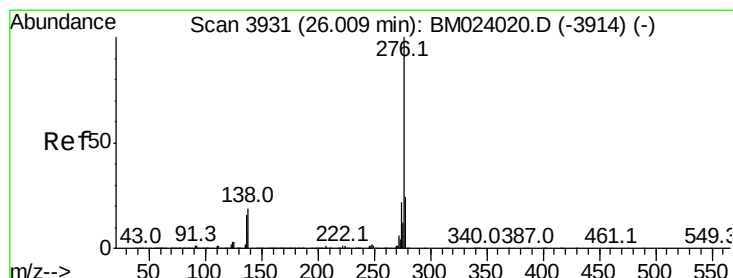
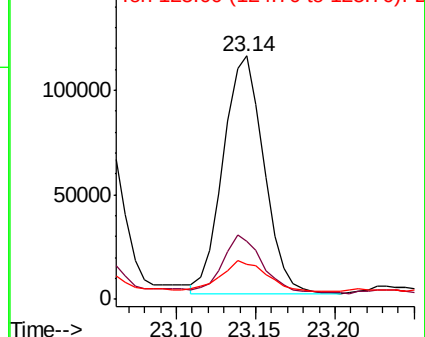
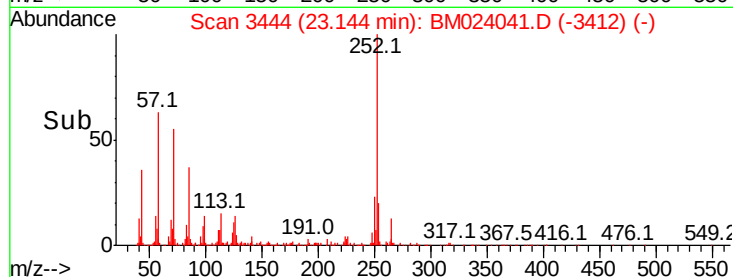


Abundance

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



#94

Benzo(g,h,i)perylene

Concen: 1.073 ng/ul

RT: 26.00 min Scan# 3929

Delta R.T. -0.02 min

Lab File: BM024041.D

Acq: 11 Dec 2019 19:40

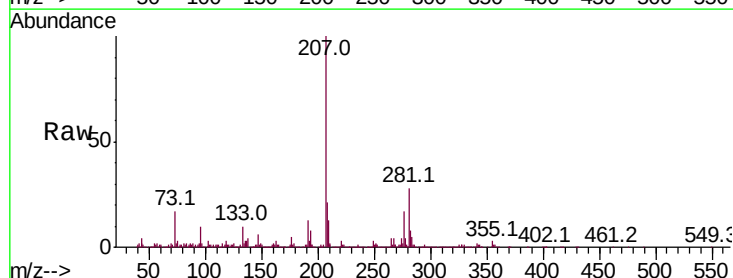
Tgt Ion:276 Resp: 122778

Ion Ratio Lower Upper

276 100

138 21.2 14.9 22.3

277 22.9 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

