

Data File : BM024377.D
Acq On : 30 Dec 2019 17:34
Operator : JU
Sample : K6322-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C94

Quant Time: Dec 31 03:15:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 03:12:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	211416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	848044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	475262	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	960435	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	927199	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1124895	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	21447	4.48	ng/uL	0.00
5) Phenol-d5	6.61	99	355476	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	255153	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	288177	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	242118	14.80	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	128996	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	142067	21.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	238905	18.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	255262	16.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	764190	21.74	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	926749	22.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	832	0.13	ng/ul	0.11
58) Fluorene-d10	15.08	176	676654	21.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	71419	12.19	ng/ul	0.00
71) Anthracene-d10	16.93	188	980876	22.45	ng/ul	0.00
79) Pyrene-d10	19.24	212	1120943	25.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1335467	23.90	ng/ul	0.00

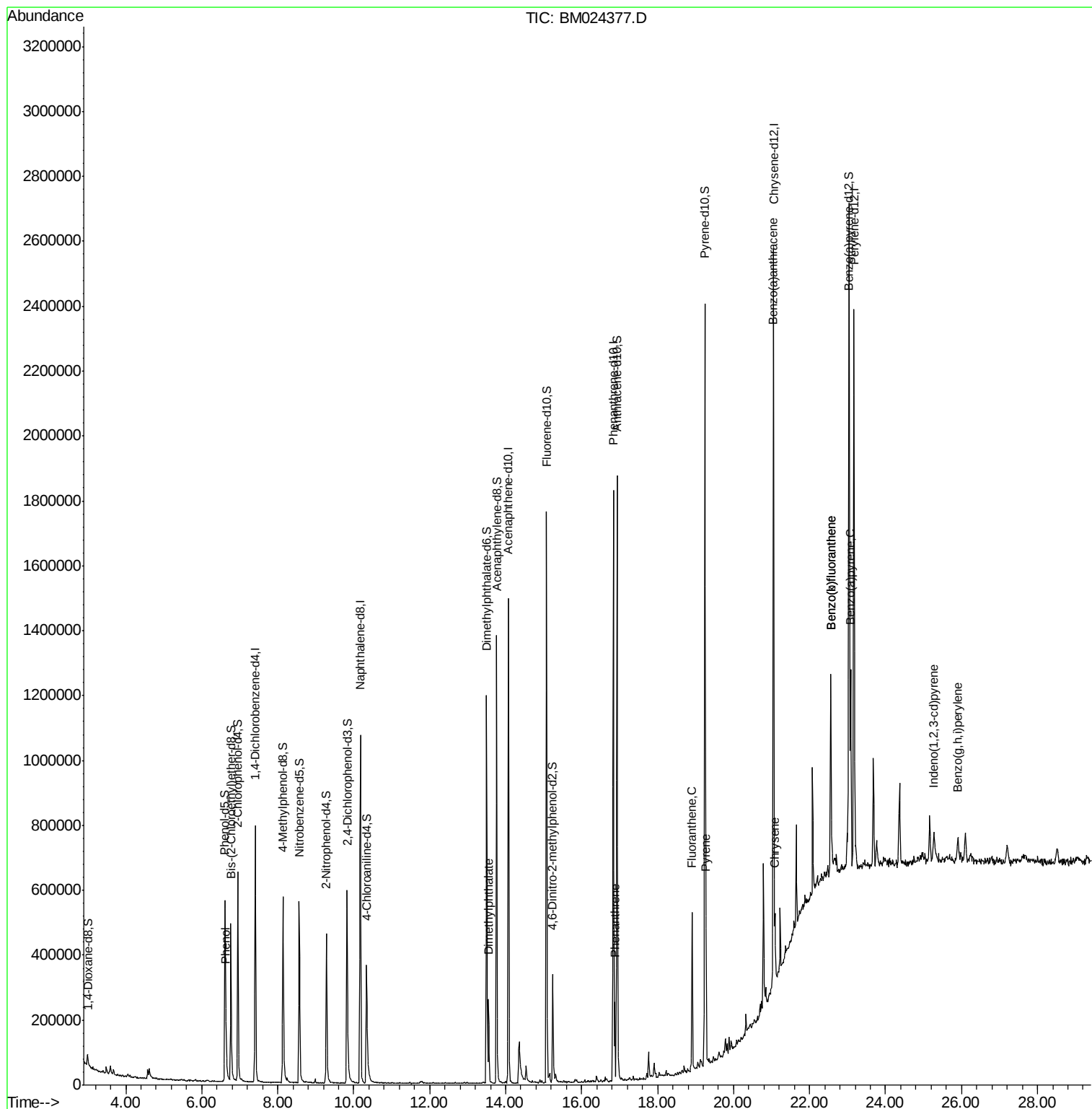
Target Compounds				Qvalue		
6) Phenol	6.64	94	62238	3.011	ng/ul	92
45) Dimethylphthalate	13.55	163	166320	4.554	ng/ul	100
70) Phenanthrene	16.87	178	123392	2.295	ng/ul	99
77) Fluoranthene	18.91	202	276772	4.723	ng/ul	97
80) Pyrene	19.27	202	236626	3.909	ng/ul	98
83) Benzo(a)anthracene	21.04	228	108602	1.838	ng/ul	99
85) Chrysene	21.09	228	105651	1.825	ng/ul	95
88) Benzo(b)fluoranthene	22.55	252	145262	2.158	ng/ul#	94
89) Benzo(k)fluoranthene	22.55	252	145262	2.200	ng/ul#	95
91) Benzo(a)pyrene	23.08	252	115240	1.893	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.27	276	77071	1.054	ng/ul	96
94) Benzo(g,h,i)perylene	25.90	276	77901	1.305	ng/ul	97

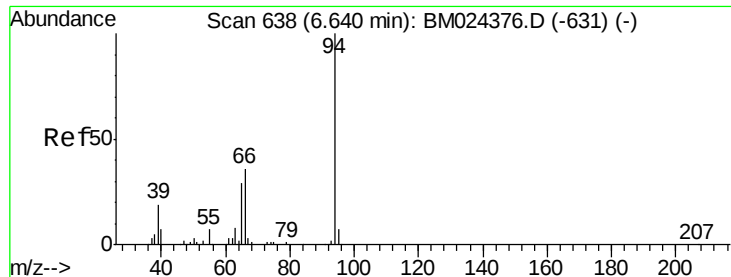
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.011 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

Instrument :

BNA_M

ClientSampleId :

C0C94

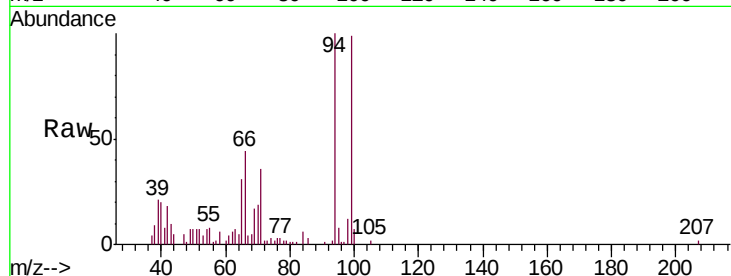
Tgt Ion: 94 Resp: 62238

Ion Ratio Lower Upper

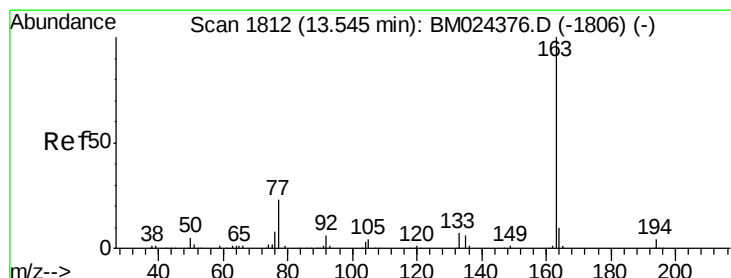
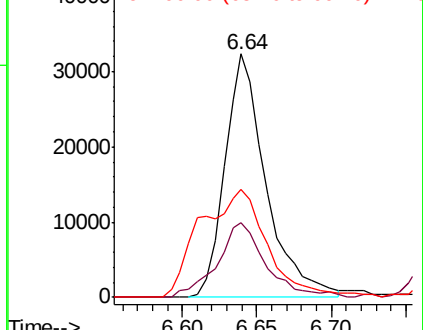
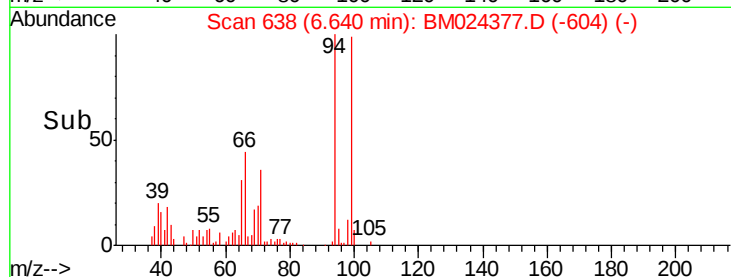
94 100

65 30.7 22.6 33.8

66 44.3 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM024377.D (-604) (-)



#45

Dimethylphthalate

Concen: 4.554 ng/ul

RT: 13.55 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

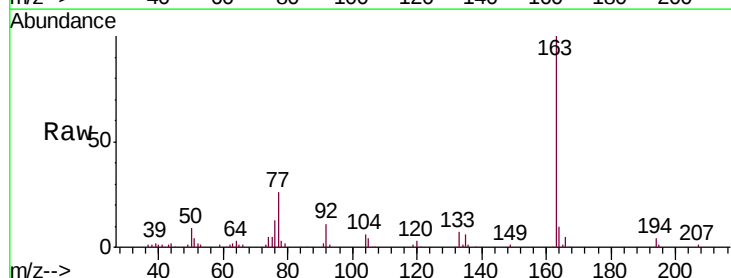
Tgt Ion: 163 Resp: 166320

Ion Ratio Lower Upper

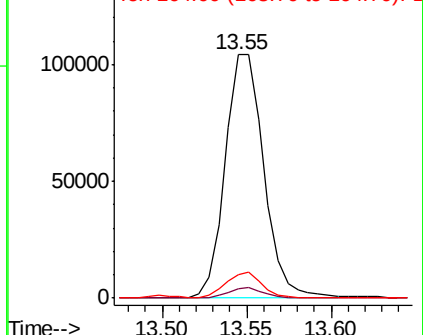
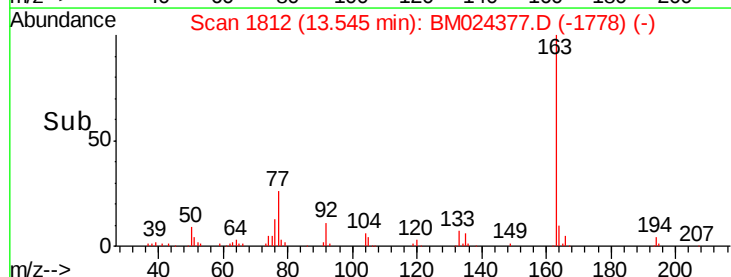
163 100

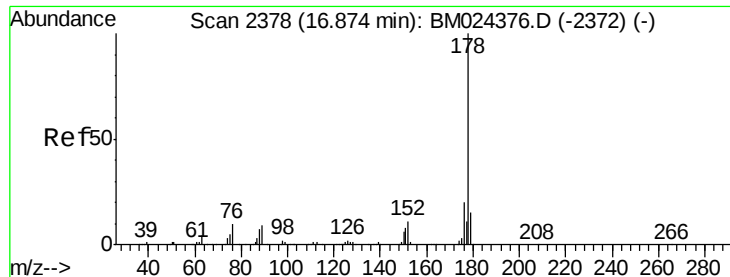
194 3.8 3.2 4.8

164 9.8 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): BM024377.D (-1778) (-)





#70

Phenanthrene

Concen: 2.295 ng/ul

RT: 16.87 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

Instrument :

BNA_M

ClientSampleId :

C0C94

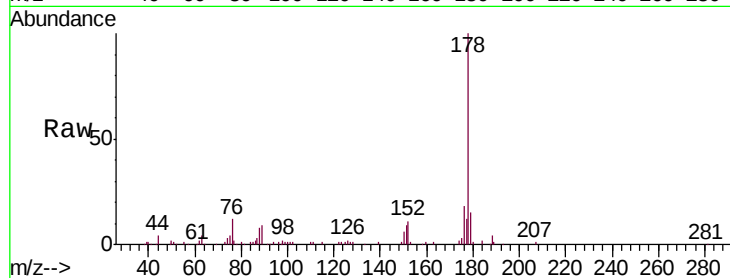
Tgt Ion:178 Resp: 123392

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

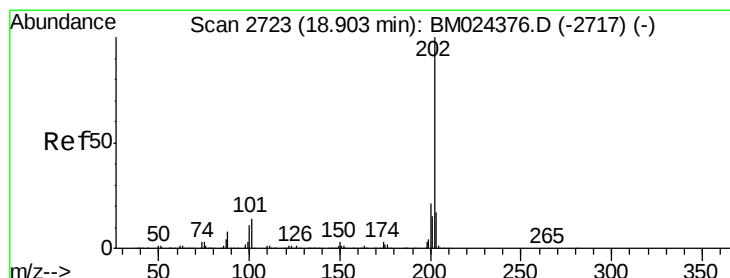
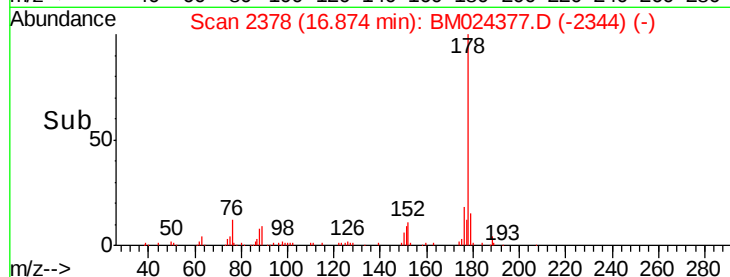
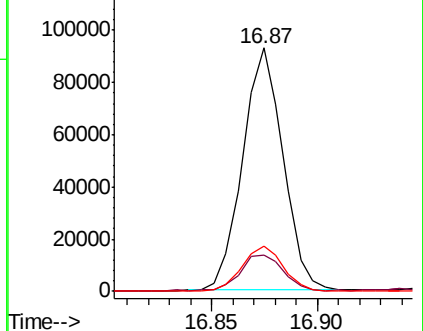
176 18.4 15.1 22.7



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: 4.723 ng/ul

RT: 18.91 min Scan# 2724

Delta R.T. 0.01 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

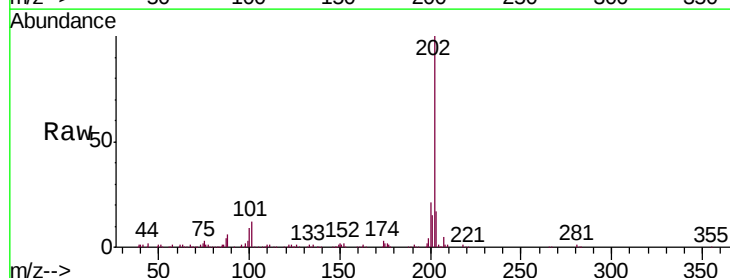
Tgt Ion:202 Resp: 276772

Ion Ratio Lower Upper

202 100

101 12.0 10.6 15.8

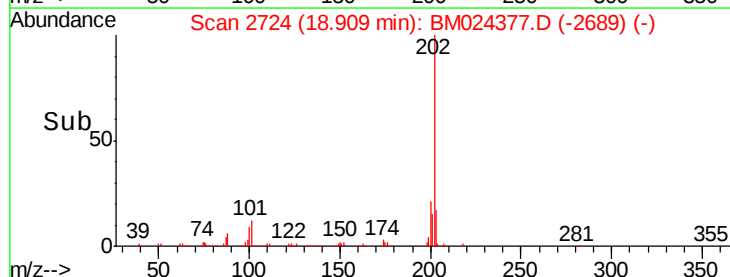
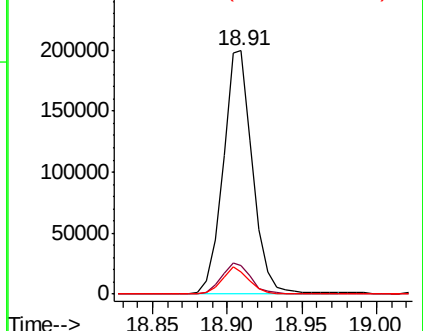
100 9.0 8.1 12.1

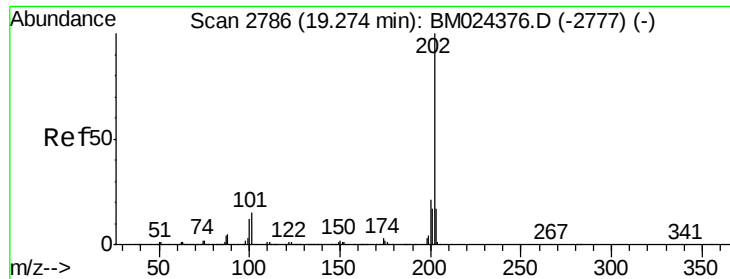


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

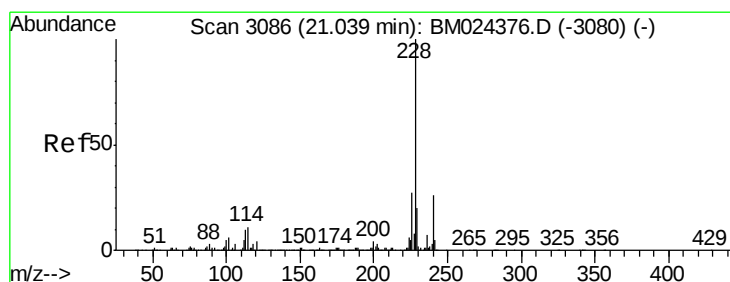
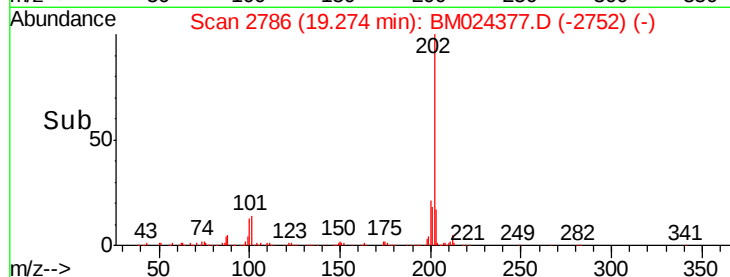
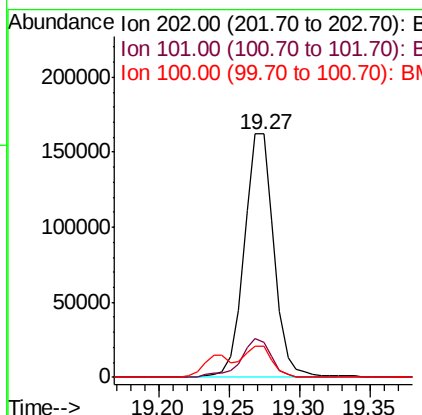
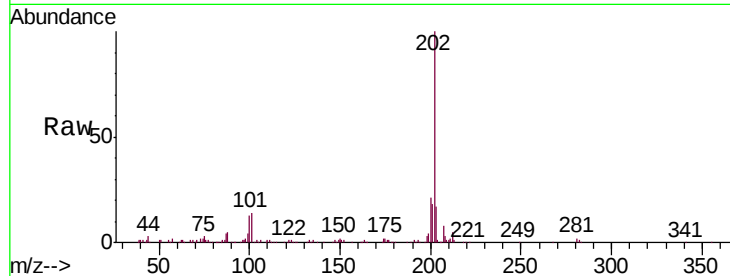




#80
 Pyrene
 Concen: 3.909 ng/ul
 RT: 19.27 min Scan# 2786
 Delta R.T. 0.00 min
 Lab File: BM024377.D
 Acq: 30 Dec 2019 17:34

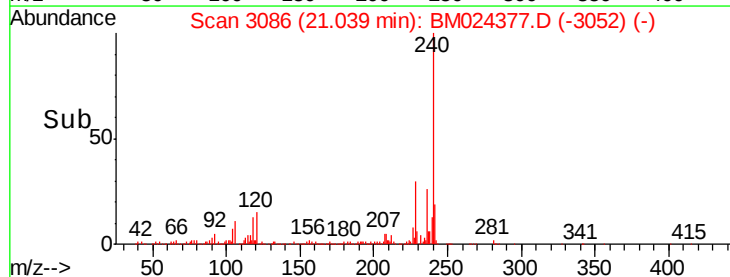
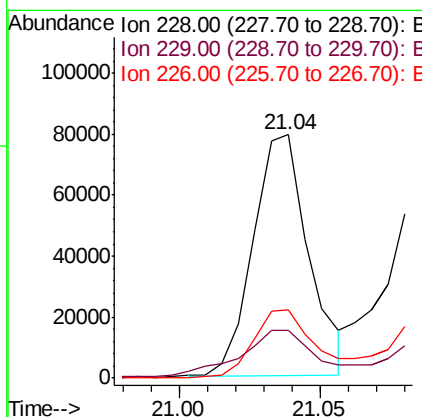
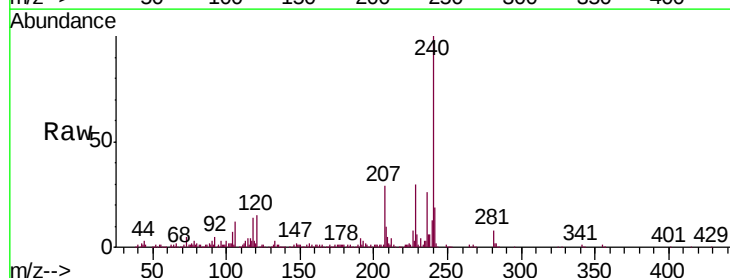
Instrument :
 BNA_M
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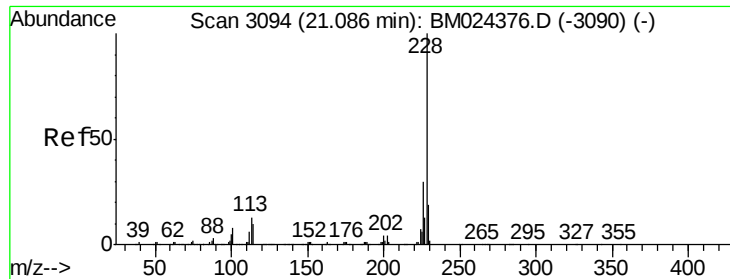
Tgt Ion:	202	Resp:	236626
Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.4
100	13.0	10.0	15.0



#83
 Benzo(a)anthracene
 Concen: 1.838 ng/ul
 RT: 21.04 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM024377.D
 Acq: 30 Dec 2019 17:34

Tgt Ion:	228	Resp:	108602
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	28.1	22.2	33.2





#85

Chrysene

Concen: 1.825 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

Instrument :

BNA_M

ClientSampleId :

C0C94

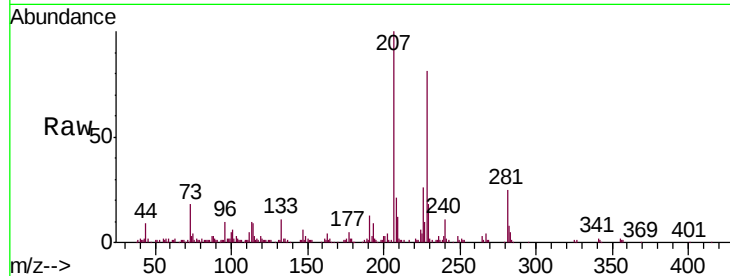
Tgt Ion:228 Resp: 105651

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

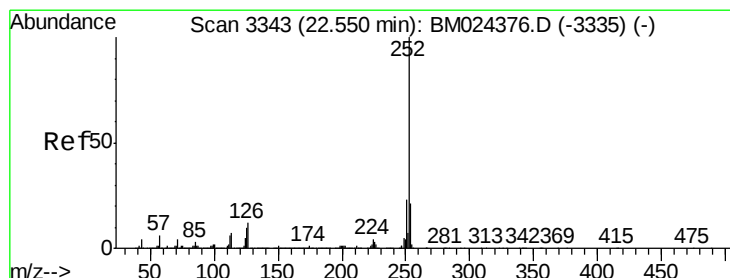
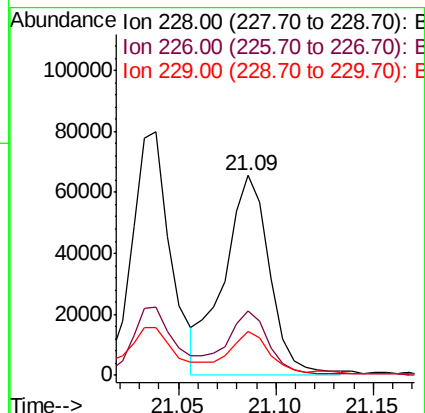
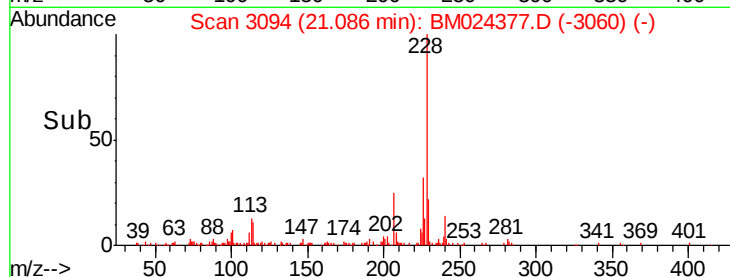
229 22.2 15.4 23.2



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: 2.158 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

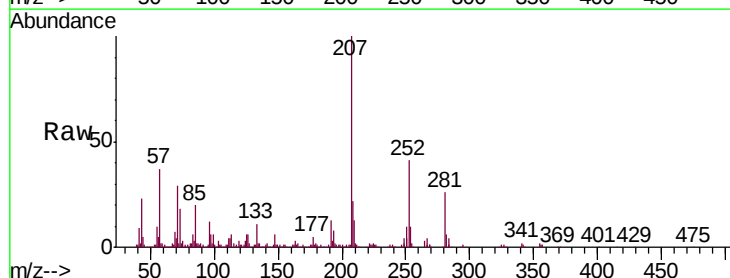
Tgt Ion:252 Resp: 145262

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

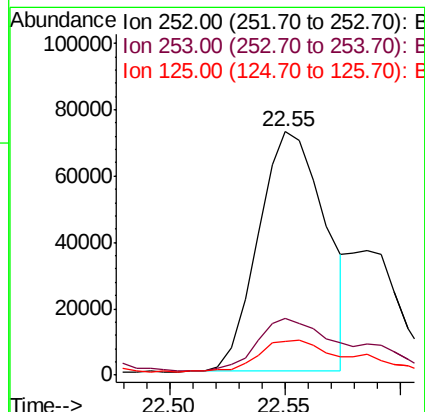
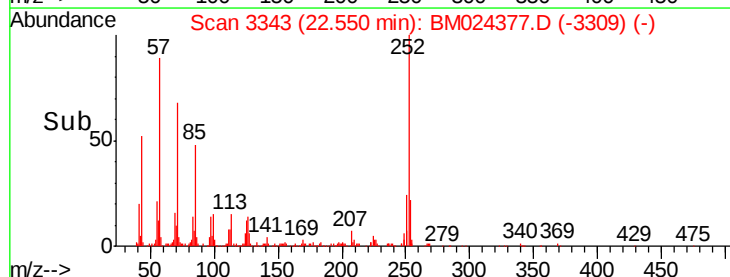
125 13.6 7.8 11.8#

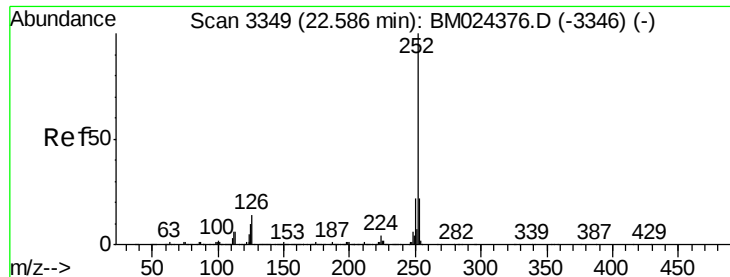


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.200 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.04 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

Instrument :

BNA_M

ClientSampleId :

C0C94

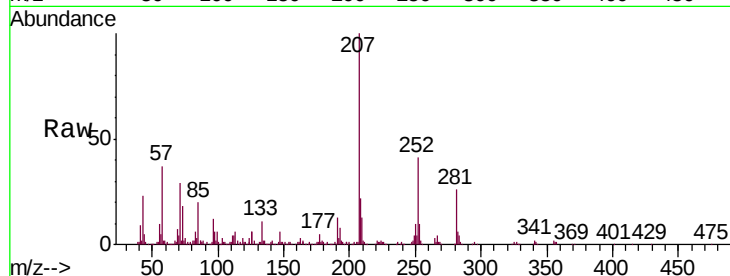
Tgt Ion:252 Resp: 145262

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

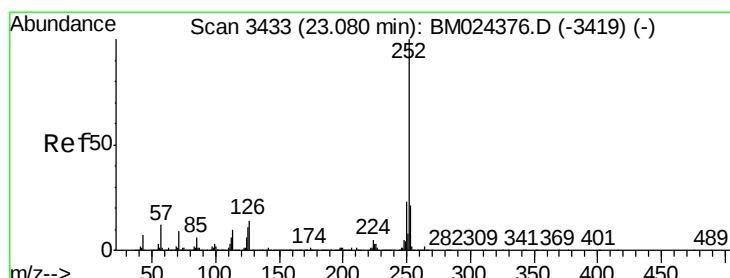
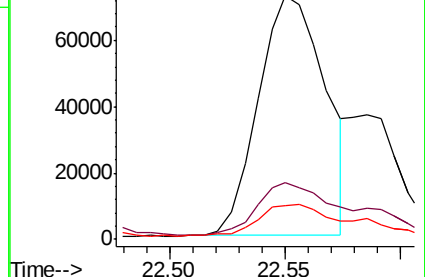
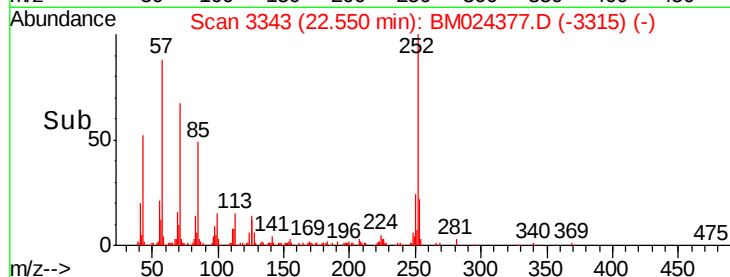
125 13.6 7.9 11.9#



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: 1.893 ng/ul

RT: 23.08 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

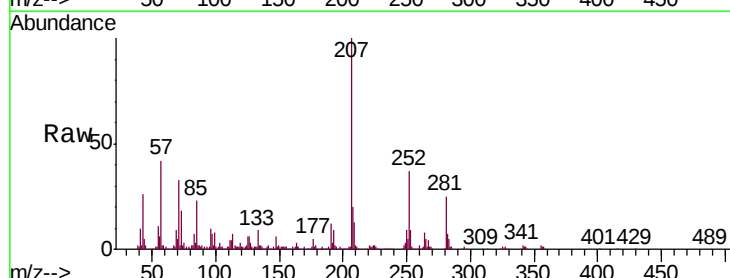
Tgt Ion:252 Resp: 115240

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

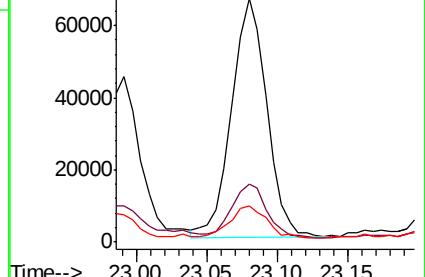
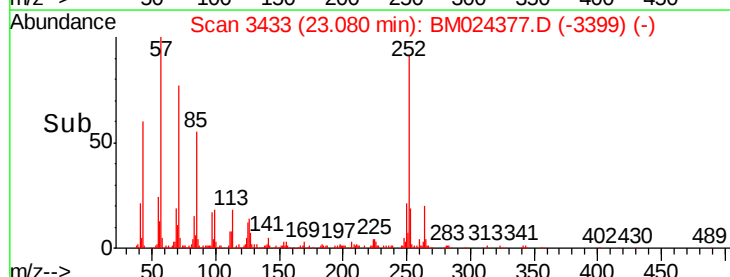
125 15.1 8.2 12.4#

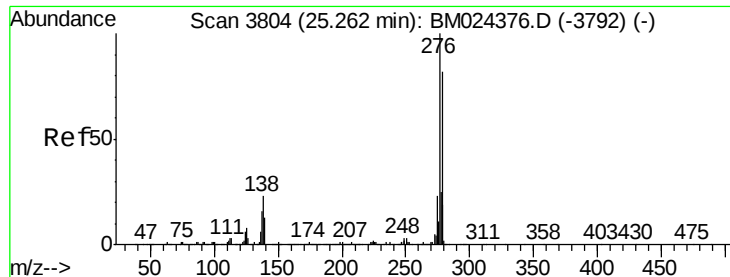


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.054 ng/ul

RT: 25.27 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

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C0C94

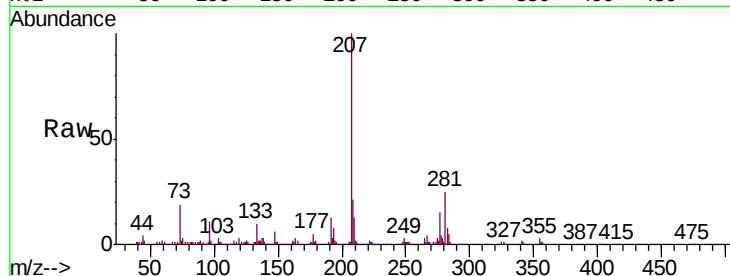
Tgt Ion:276 Resp: 77071

Ion Ratio Lower Upper

276 100

138 20.9 18.3 27.5

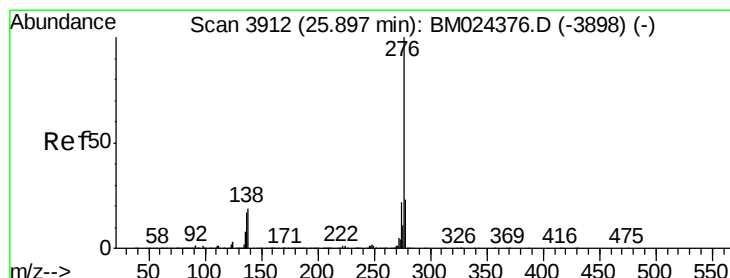
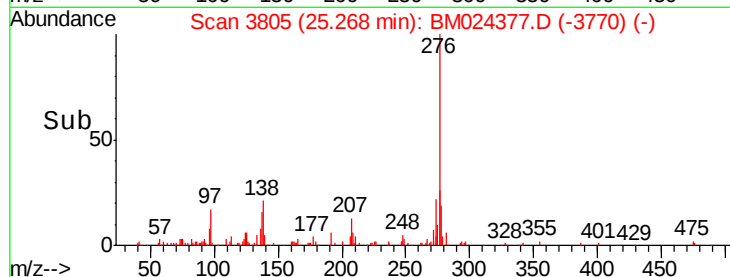
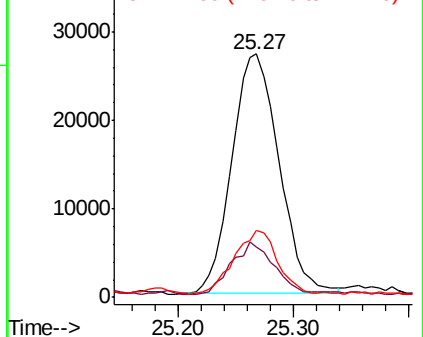
277 27.6 20.2 30.2



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



#94

Benzo(g,h,i)perylene

Concen: 1.305 ng/ul

RT: 25.90 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BM024377.D

Acq: 30 Dec 2019 17:34

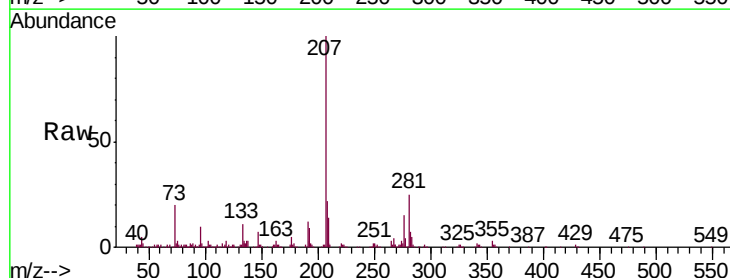
Tgt Ion:276 Resp: 77901

Ion Ratio Lower Upper

276 100

138 19.1 15.3 22.9

277 26.5 19.3 28.9



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

