

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042924.D
 Acq On : 20 Nov 2023 12:42
 Operator : MA/JU
 Sample : 05174-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AM5

Quant Time: Nov 20 22:56:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

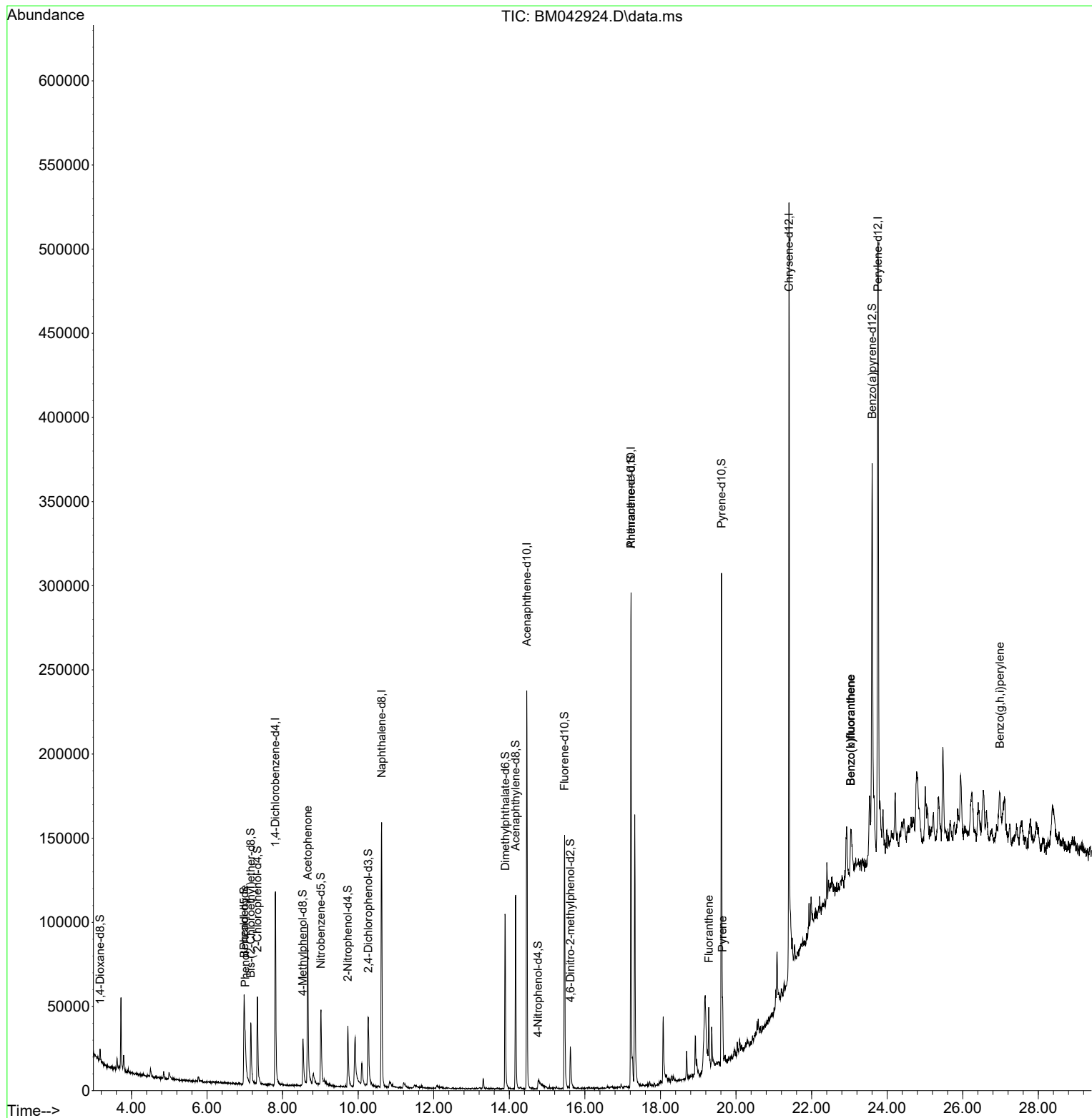
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	25404	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	104230	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.463	164	67406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	156481	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	193004	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	255015	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	2488	3.073	ng/uL	0.00
4) Pyridine-d5	3.604	84	377	0.187	ng/ul	0.00
7) Phenol-d5	6.981	99	21970	8.886	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	19298	11.108	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	17562	9.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	10382	5.333	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	7800	8.535	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	7526	7.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	15568	7.832	ng/ul	0.02
31) 4-Chloroaniline-d4	10.863	131	634	0.251	ng/ul	0.06
46) Dimethylphthalate-d6	13.892	166	62550	9.805	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	67179	9.842	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	763	1.059	ng/ul	0.04
60) Fluorene-d10	15.463	176	55475	10.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	5130	4.328	ng/ul	0.00
73) Anthracene-d10	17.221	188	156481	17.844	ng/ul	-0.11
81) Pyrene-d10	19.615	212	137150	10.852	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	161991	10.620	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.987	77	3759	2.650	ng/ul	85
8) Phenol	7.010	94	9635	3.918	ng/ul	88
16) Acetophenone	8.663	105	43077	13.160	ng/ul#	88
80) Fluoranthene	19.280	202	18136	1.259	ng/ul#	96
82) Pyrene	19.645	202	17403	1.139	ng/ul	98
90) Benzo(b)fluoranthene	23.039	252	19174	1.102	ng/ul#	96
91) Benzo(k)fluoranthene	23.039	252	19174	1.035	ng/ul#	97
96) Benzo(g,h,i)perylene	26.985	276	17534	1.048	ng/ul#	84

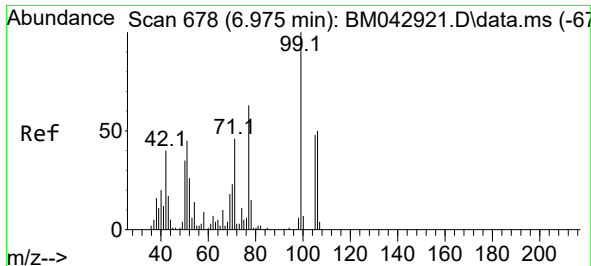
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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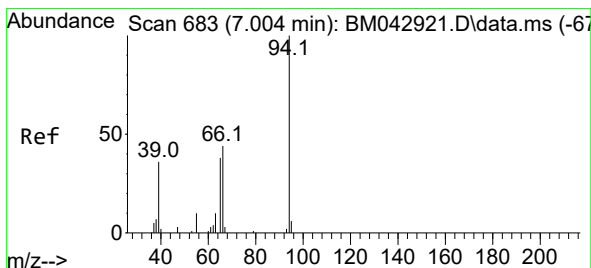
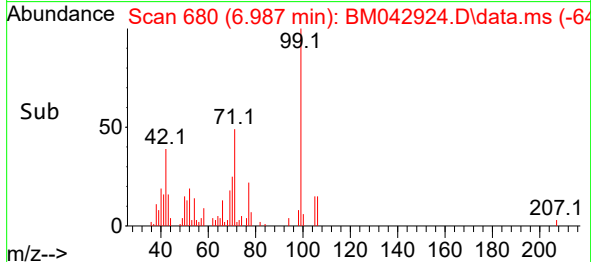
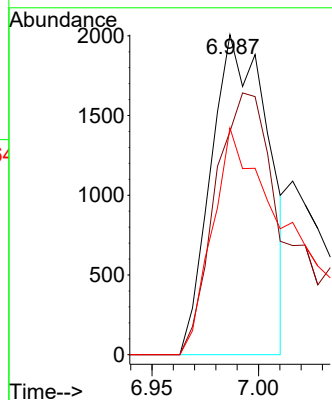
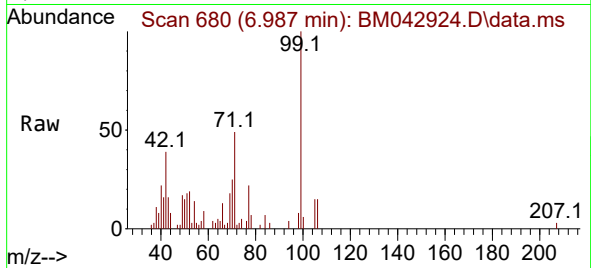




#6
Benzaldehyde
Concen: 2.650 ng/ul
RT: 6.987 min Scan# 678
Delta R.T. 0.006 min
Lab File: BM042924.D
Acq: 20 Nov 2023 12:42

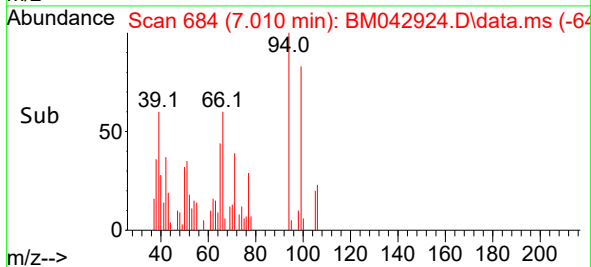
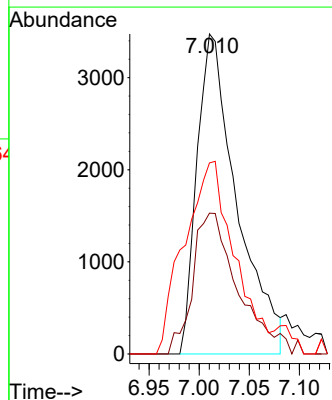
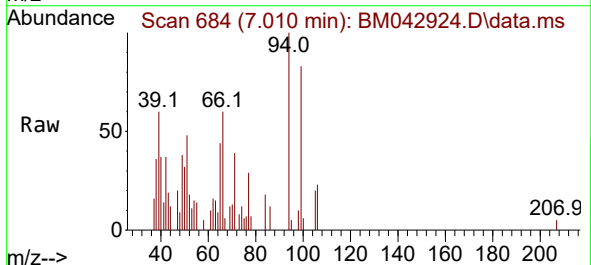
Instrument :
BNA_M
ClientSampleId :
C0AM5

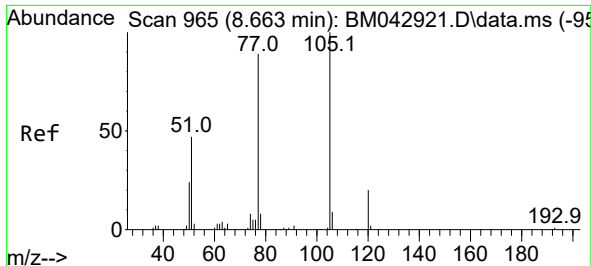
Tgt Ion: 77 Resp: 3759
Ion Ratio Lower Upper
77 100
105 69.8 69.6 104.4
106 70.9 64.2 96.2



#8
Phenol
Concen: 3.918 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM042924.D
Acq: 20 Nov 2023 12:42

Tgt Ion: 94 Resp: 9635
Ion Ratio Lower Upper
94 100
65 44.0 30.3 45.5
66 59.7 39.9 59.9

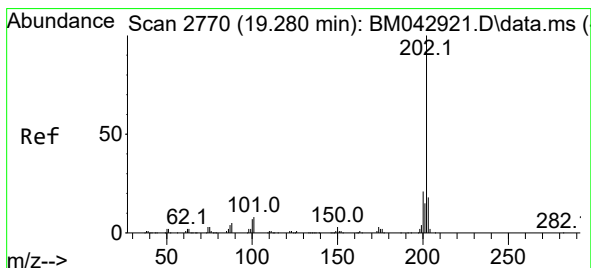
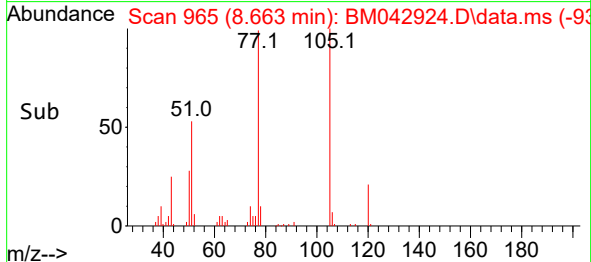
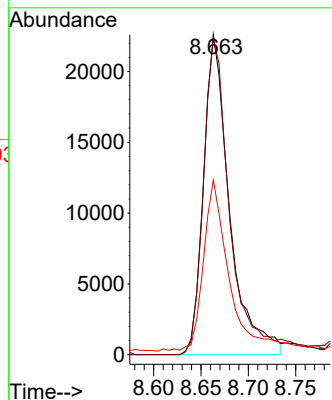
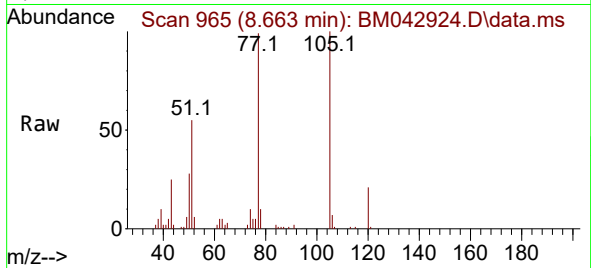




#16
Acetophenone
Concen: 13.160 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM042924.D
Acq: 20 Nov 2023 12:42

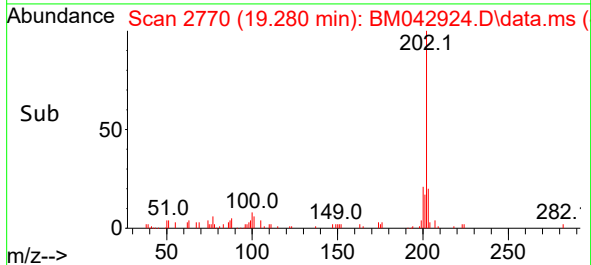
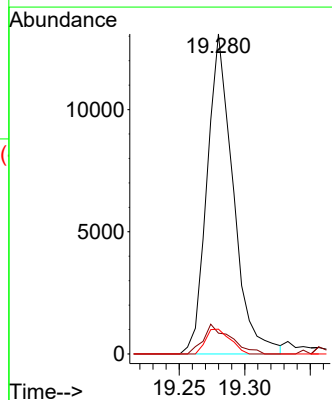
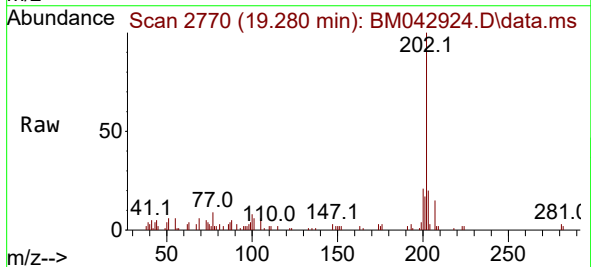
Instrument :
BNA_M
ClientSampleId :
C0AM5

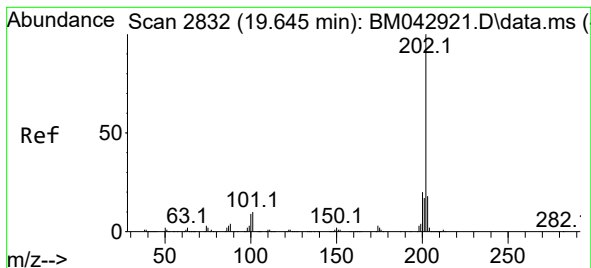
Tgt Ion:105 Resp: 43077
Ion Ratio Lower Upper
105 100
77 98.6 71.6 107.4
51 54.6 35.4 53.2#



#80
Fluoranthene
Concen: 1.259 ng/ul
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM042924.D
Acq: 20 Nov 2023 12:42

Tgt Ion:202 Resp: 18136
Ion Ratio Lower Upper
202 100
101 6.5 6.6 9.8#
100 7.8 5.6 8.4





#82

Pyrene

Concen: 1.139 ng/ul

RT: 19.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042924.D

Acq: 20 Nov 2023 12:42

Instrument :

BNA_M

ClientSampleId :

COAM5

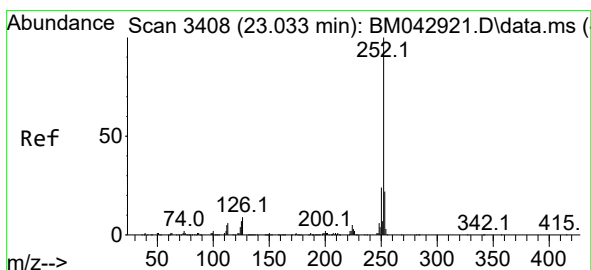
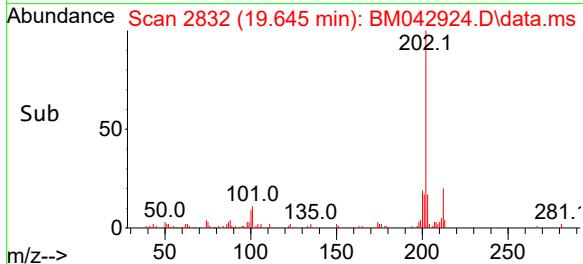
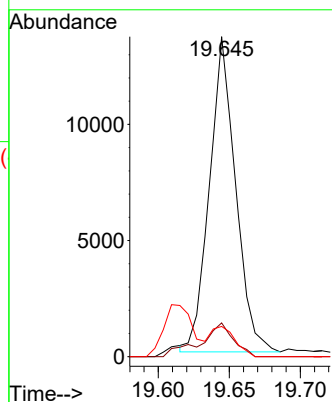
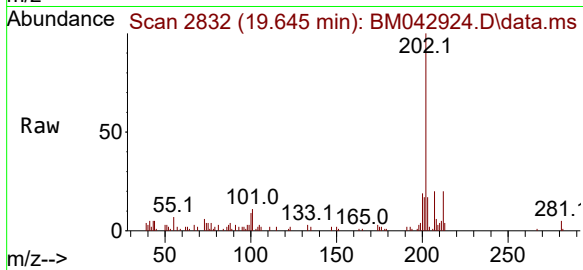
Tgt Ion:202 Resp: 17403

Ion Ratio Lower Upper

202 100

101 10.5 8.1 12.1

100 9.5 6.9 10.3



#90

Benzo(b)fluoranthene

Concen: 1.102 ng/ul

RT: 23.039 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BM042924.D

Acq: 20 Nov 2023 12:42

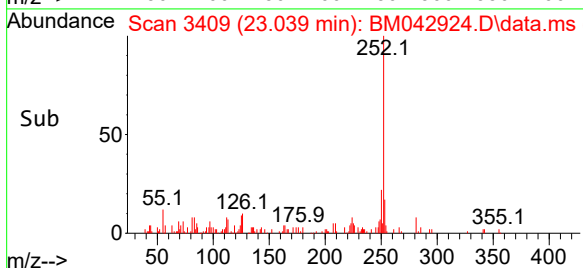
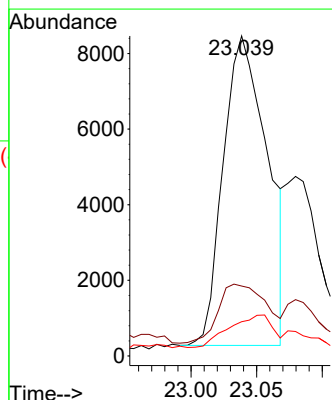
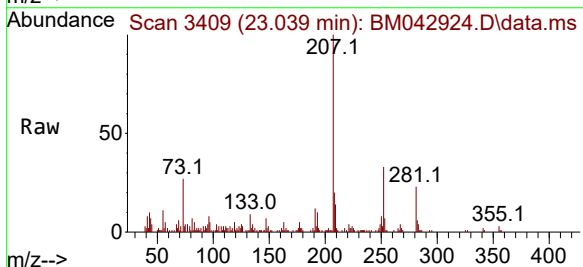
Tgt Ion:252 Resp: 19174

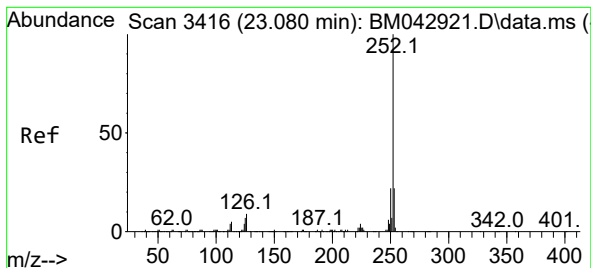
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 10.7 5.2 7.8#





#91

Benzo(k)fluoranthene

Concen: 1.035 ng/ul

RT: 23.039 min Scan# 3416

Delta R.T. -0.053 min

Lab File: BM042924.D

Acq: 20 Nov 2023 12:42

Instrument :

BNA_M

ClientSampleId :

C0AM5

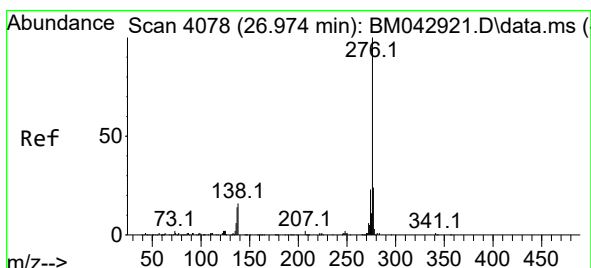
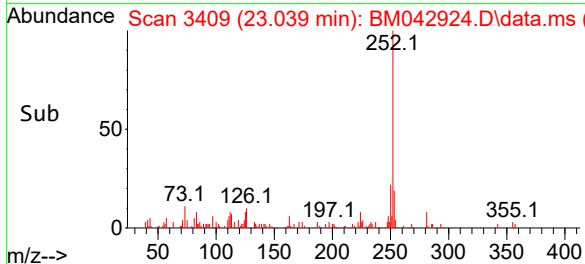
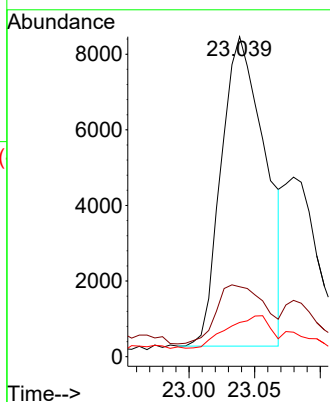
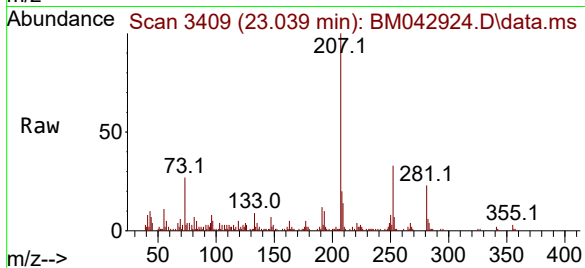
Tgt Ion:252 Resp: 19174

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.7 5.5 8.3#



#96

Benzo(g,h,i)perylene

Concen: 1.048 ng/ul

RT: 26.985 min Scan# 4080

Delta R.T. -0.006 min

Lab File: BM042924.D

Acq: 20 Nov 2023 12:42

Tgt Ion:276 Resp: 17534

Ion Ratio Lower Upper

276 100

138 31.7 13.0 19.6#

277 23.9 18.4 27.6

