

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045983.D
 Acq On : 11 Jun 2024 19:39
 Operator : MA/JU
 Sample : P2642-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 23:14:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.439	152	104927	20.000	ng/u1	0.00
20) Naphthalene-d8	10.210	136	454139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.086	164	295761	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	642604	20.000	ng/u1	0.00
79) Chrysene-d12	21.044	240	701984	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	804491	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	11036	4.078	ng/uL	0.00
4) Pyridine-d5	3.457	84	103819	14.899	ng/u1	0.00
7) Phenol-d5	6.698	99	212578	23.848	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	156164	24.398	ng/u1	0.00
11) 2-Chlorophenol-d4	7.004	132	164807	24.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	175725	26.094	ng/u1	0.00
21) Nitrobenzene-d5	8.610	128	86079	24.242	ng/u1	0.01
24) 2-Nitrophenol-d4	9.316	143	86962	24.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	164353	24.389	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	226064	24.238	ng/u1	0.00
46) Dimethylphthalate-d6	13.539	166	554046	27.059	ng/u1	0.00
49) Acenaphthylene-d8	13.774	160	620150	26.082	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	82416	18.651	ng/u1	0.00
60) Fluorene-d10	15.086	176	476168	27.260	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	55878	17.028	ng/u1	0.00
73) Anthracene-d10	16.927	188	759579	27.190	ng/u1	0.00
81) Pyrene-d10	19.227	212	990611	22.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1060830	28.214	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.868	178	124803	3.686	ng/u1	99
80) Fluoranthene	18.892	202	151622	2.865	ng/u1	97
82) Pyrene	19.256	202	178778	3.288	ng/u1	99
85) Benzo(a)anthracene	21.021	228	80812	1.667	ng/u1	96
87) Chrysene	21.080	228	95990m	2.141	ng/u1	
90) Benzo(b)fluoranthene	22.903	252	94159	1.905	ng/u1#	98
93) Benzo(a)pyrene	23.615	252	71835	1.653	ng/u1	96
96) Benzo(g,h,i)perylene	27.638	276	42590m	1.019	ng/u1	

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

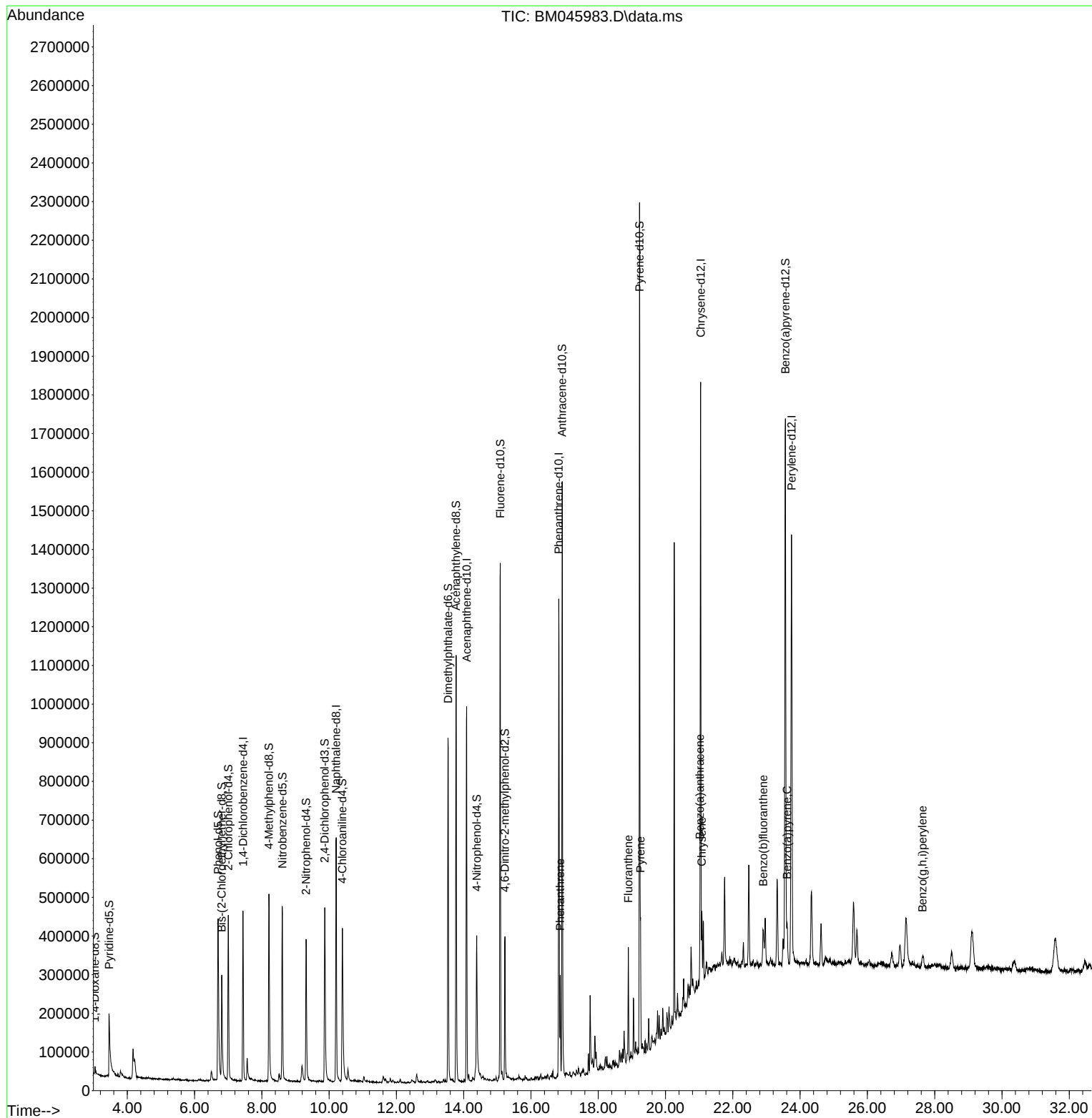
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
Data File : BM045983.D
Acq On : 11 Jun 2024 19:39
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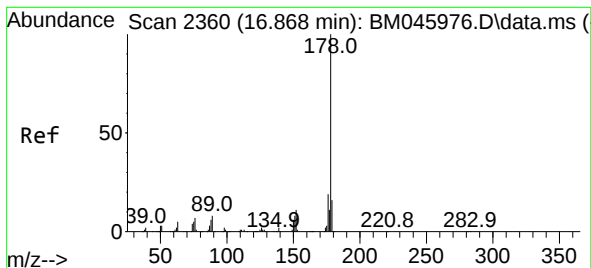
Instrument :
BNA_M
ClientSampleId :
A4BH8

Quant Time: Jun 11 23:14:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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#72

Phenanthrene

Concen: 3.686 ng/ul

RT: 16.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

Instrument :

BNA_M

ClientSampleId :

A4BH8

Tgt Ion:178 Resp: 12480

Ion Ratio Lower Upper

178 100

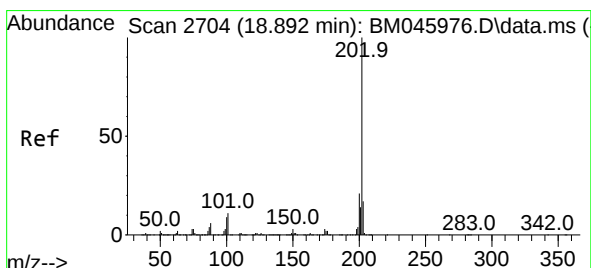
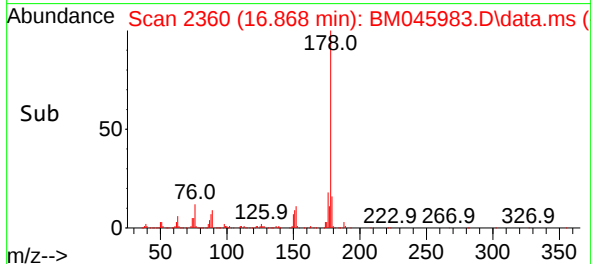
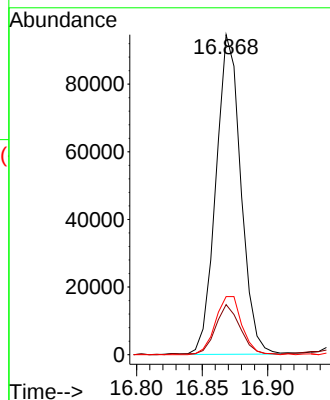
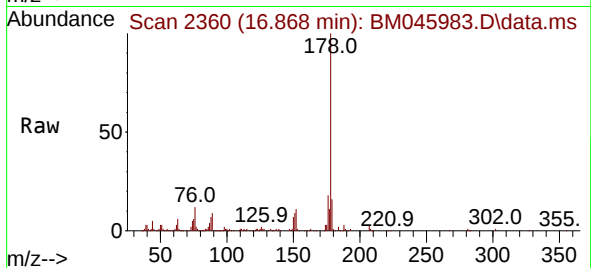
179 15.7 12.4 18.6

176 18.2 15.3 22.9

Manual Integrations

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#80

Fluoranthene

Concen: 2.865 ng/ul

RT: 18.892 min Scan# 2704

Delta R.T. -0.000 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

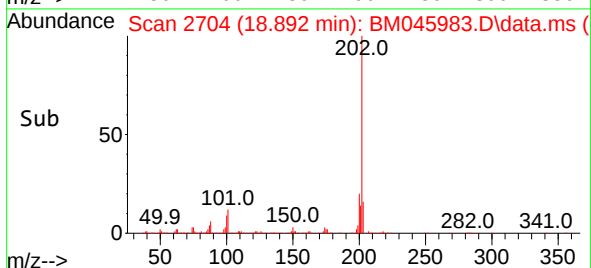
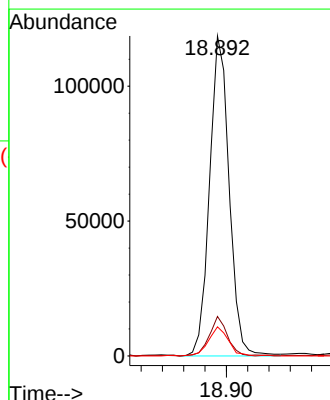
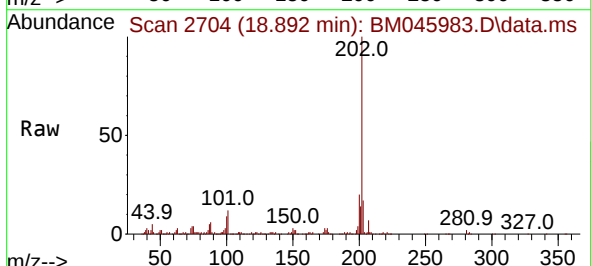
Tgt Ion:202 Resp: 151622

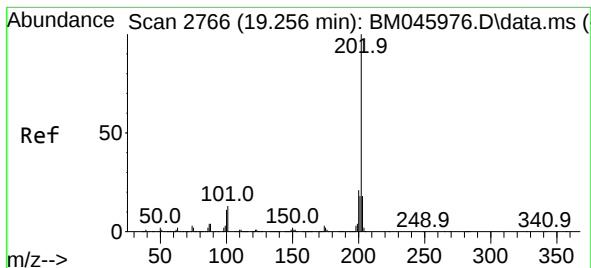
Ion Ratio Lower Upper

202 100

101 12.3 8.9 13.3

100 9.1 6.6 10.0





#82

Pyrene

Concen: 3.288 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

Instrument :

BNA_M

ClientSampleId :

A4BH8

Tgt Ion:202 Resp: 178778

Ion Ratio Lower Upper

202 100

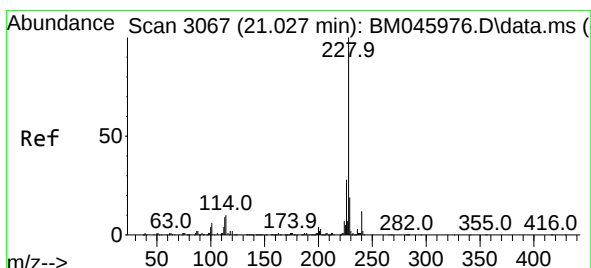
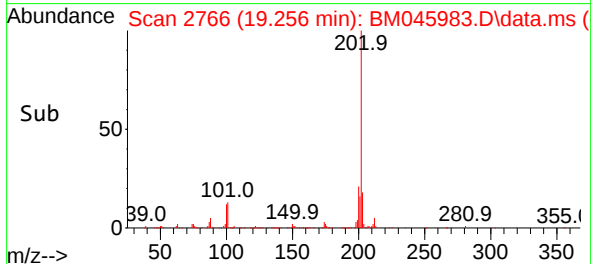
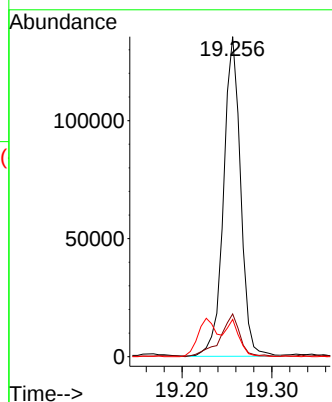
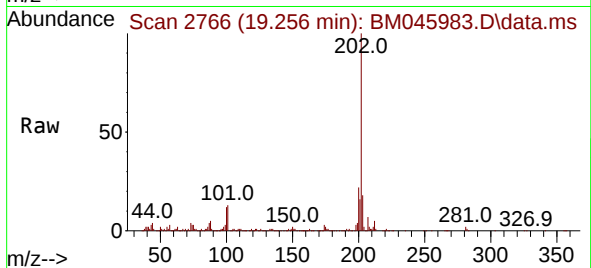
101 13.3 10.5 15.7

100 11.7 8.6 12.8

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#85

Benzo(a)anthracene

Concen: 1.667 ng/ul

RT: 21.021 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

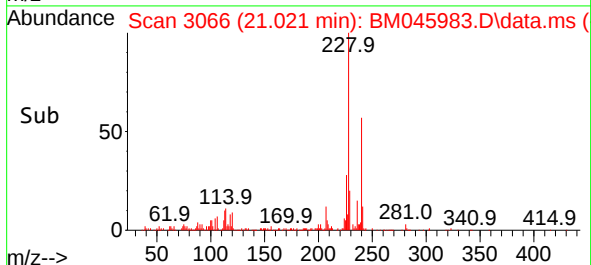
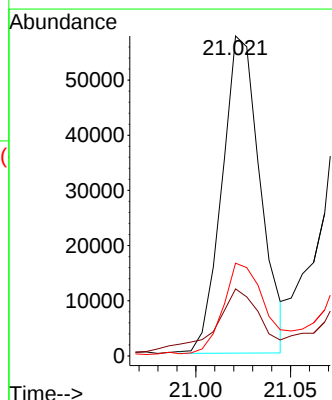
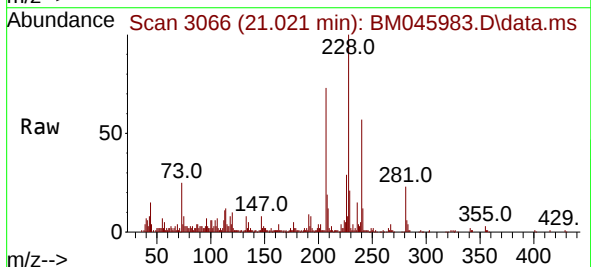
Tgt Ion:228 Resp: 80812

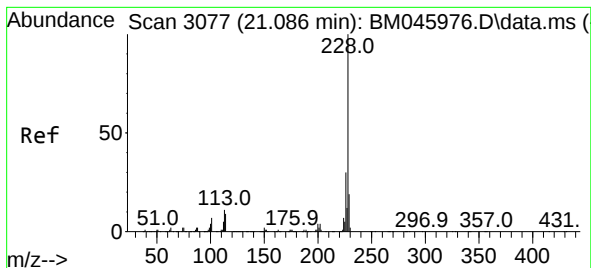
Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.8

226 29.0 21.4 32.0





#87

Chrysene

Concen: 2.141 ng/ul m

RT: 21.080 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

Instrument :

BNA_M

ClientSampleId :

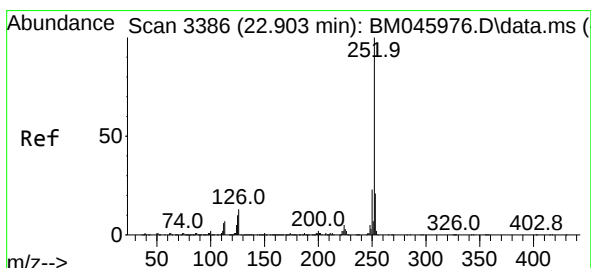
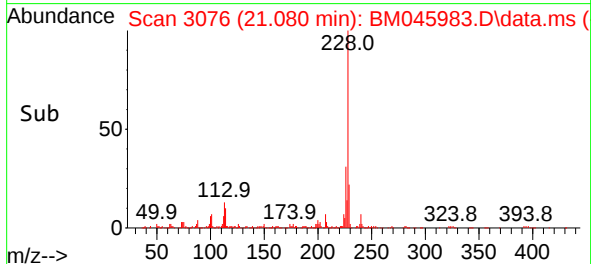
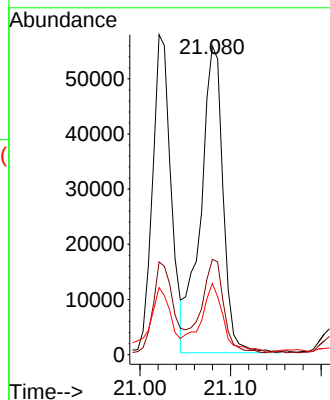
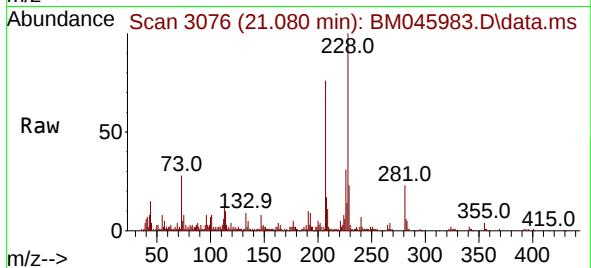
A4BH8

Tgt Ion:228 Resp: 95990
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 23.1 15.2 22.8

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#90

Benzo(b)fluoranthene

Concen: 1.905 ng/ul

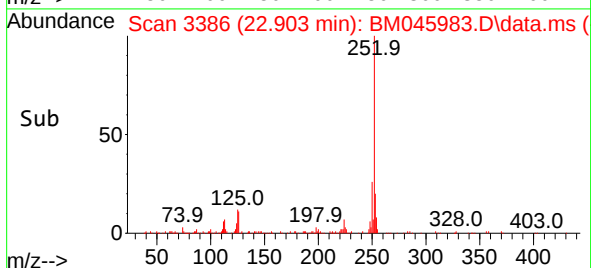
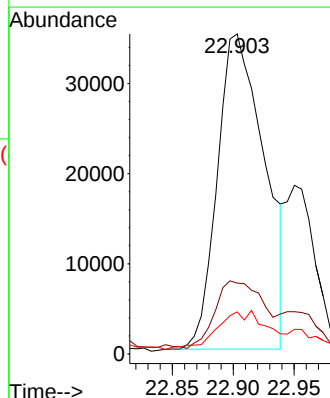
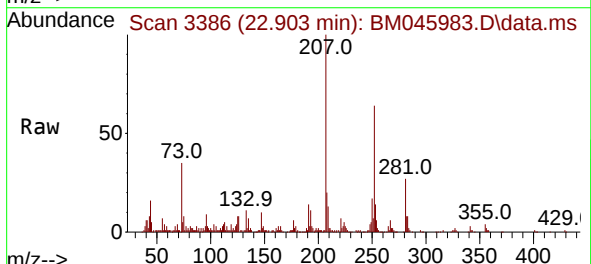
RT: 22.903 min Scan# 3386

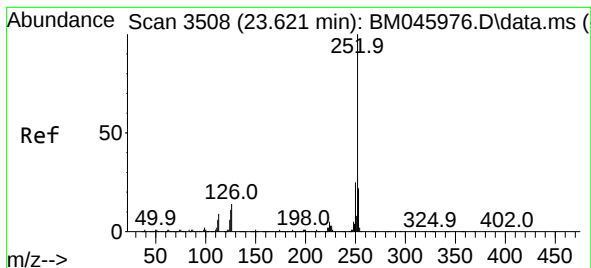
Delta R.T. -0.000 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

Tgt Ion:252 Resp: 94159
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 13.1 8.4 12.6





#93

Benzo(a)pyrene

Concen: 1.653 ng/ul

RT: 23.615 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

Instrument :

BNA_M

ClientSampleId :

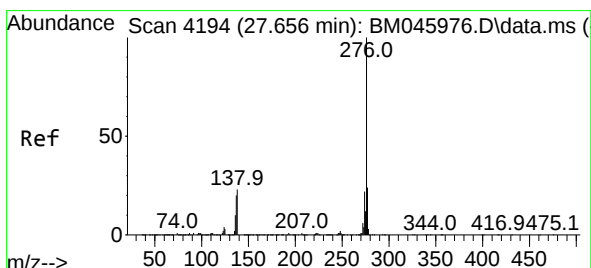
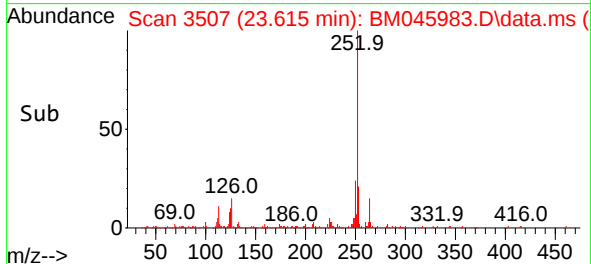
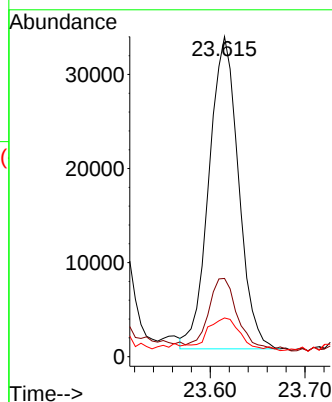
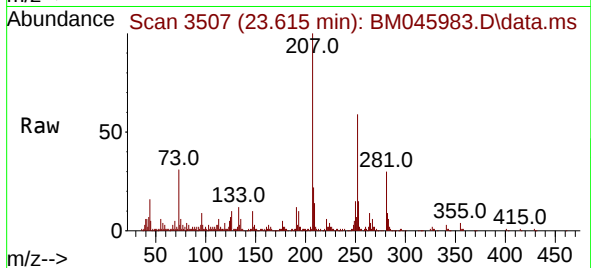
A4BH8

Tgt Ion:252 Resp: 71835
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.5 26.3
 125 12.1 9.3 13.9

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#96

Benzo(g,h,i)perylene

Concen: 1.019 ng/ul m

RT: 27.638 min Scan# 4191

Delta R.T. -0.018 min

Lab File: BM045983.D

Acq: 11 Jun 2024 19:39

Tgt Ion:276 Resp: 42590
 Ion Ratio Lower Upper
 276 100
 138 21.8 18.6 27.8
 277 23.6 18.7 28.1

