

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045978.D
 Acq On : 11 Jun 2024 16:23
 Operator : MA/JU
 Sample : P2642-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH0

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 23:39:46 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	91054	20.000	ng/u1	0.00
20) Naphthalene-d8	10.210	136	399674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.086	164	263029	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	588039	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	682732	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	822496	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	11179m	4.760	ng/uL	0.00
4) Pyridine-d5	3.457	84	126757	20.962	ng/u1	0.00
7) Phenol-d5	6.692	99	205022	26.505	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	148087	26.661	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	153181	26.511	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	173431	29.677	ng/u1	0.00
21) Nitrobenzene-d5	8.610	128	80441	25.742	ng/u1	0.01
24) 2-Nitrophenol-d4	9.316	143	82878	26.205	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.875	165	159896	26.961	ng/u1	0.01
31) 4-Chloroaniline-d4	10.392	131	225876	27.519	ng/u1	0.00
46) Dimethylphthalate-d6	13.539	166	572771	31.455	ng/u1	0.00
49) Acenaphthylene-d8	13.774	160	629052	29.749	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	88332	22.477	ng/u1	0.00
60) Fluorene-d10	15.086	176	491158	31.617	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	66429	22.122	ng/u1	0.00
73) Anthracene-d10	16.927	188	792581	31.004	ng/u1	0.00
81) Pyrene-d10	19.227	212	1034948	24.376	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1205782	31.367	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.868	178	137896	4.450	ng/u1	99
80) Fluoranthene	18.892	202	207139	4.024	ng/u1	98
82) Pyrene	19.256	202	199045	3.764	ng/u1	99
85) Benzo(a)anthracene	21.027	228	102391	2.172	ng/u1	99
87) Chrysene	21.086	228	105474	2.419	ng/u1	96
90) Benzo(b)fluoranthene	22.903	252	132670	2.625	ng/u1	96
93) Benzo(a)pyrene	23.615	252	96817	2.180	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.721	276	58432	1.205	ng/u1	95
96) Benzo(g,h,i)perylene	27.644	276	59125	1.384	ng/u1	97

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

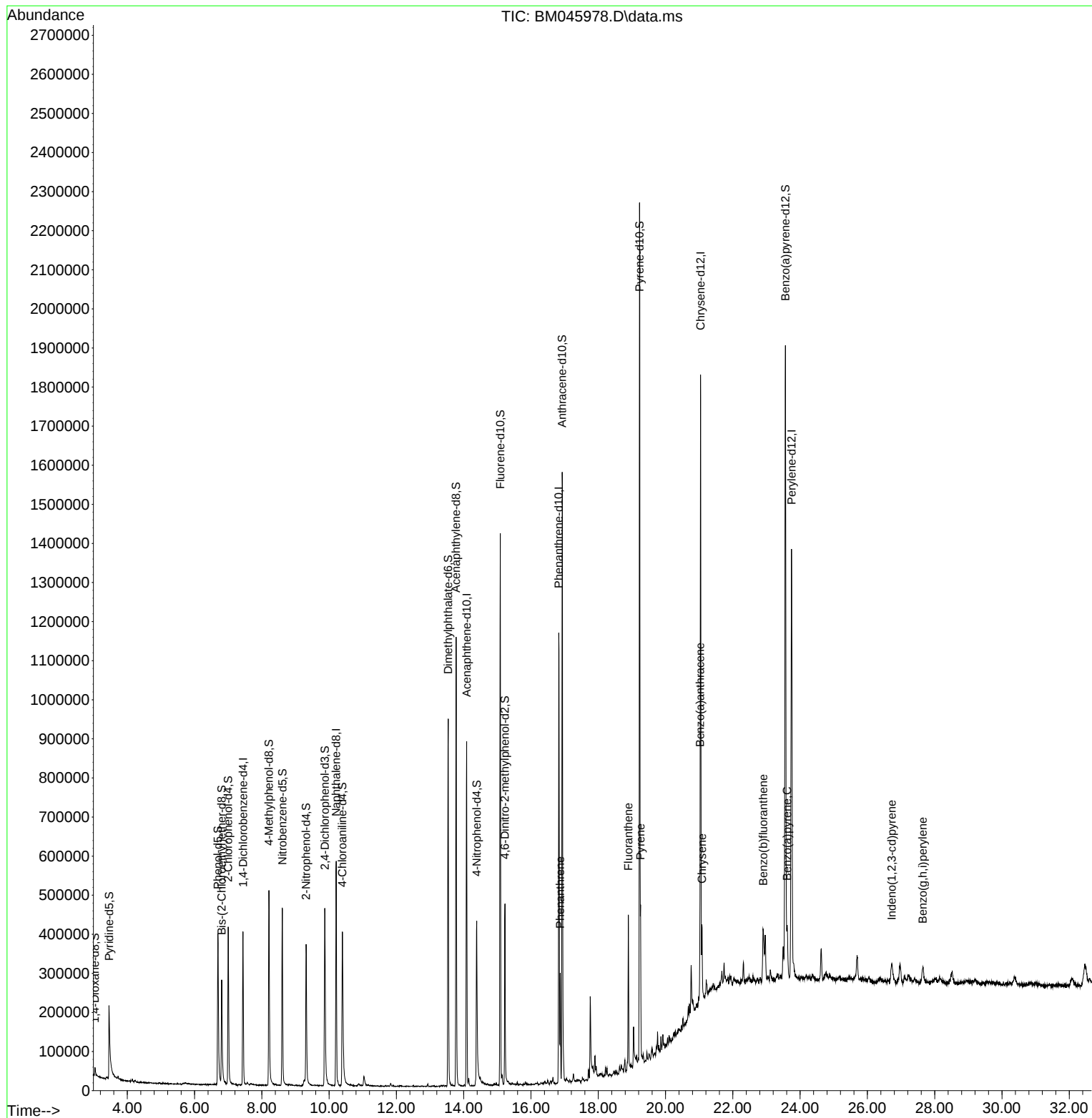
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
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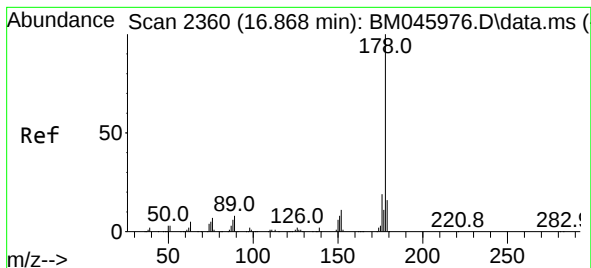
Instrument :
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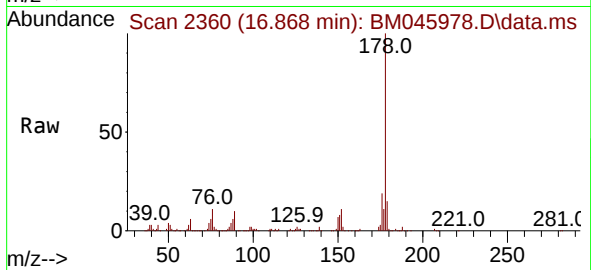
Quant Time: Jun 11 23:39:46 2024
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#72
Phenanthrene
Concen: 4.450 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BM045978.D
Acq: 11 Jun 2024 16:23

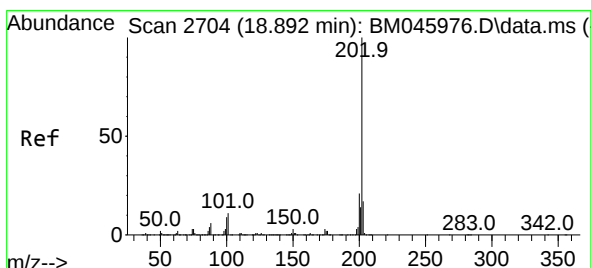
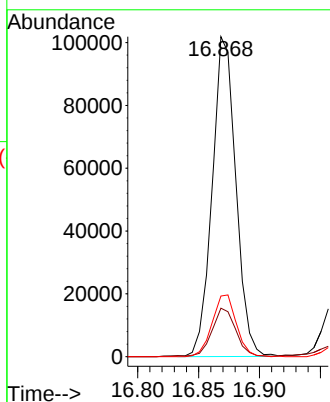
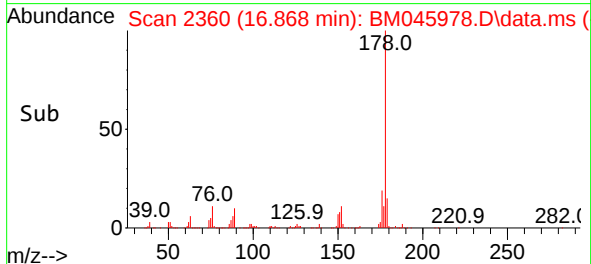
Instrument :
BNA_M
ClientSampleId :
A4BH0



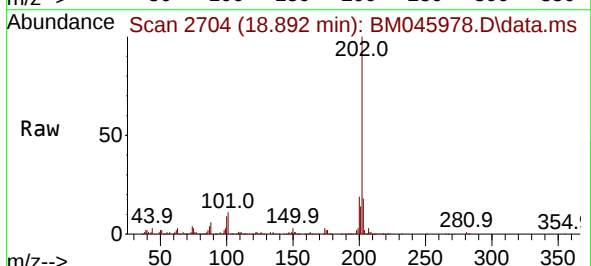
Tgt Ion:178 Resp: 137890
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.0 15.3 22.9

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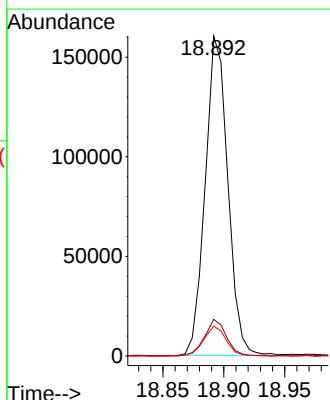
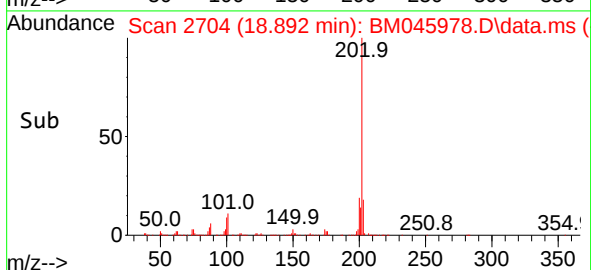
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024

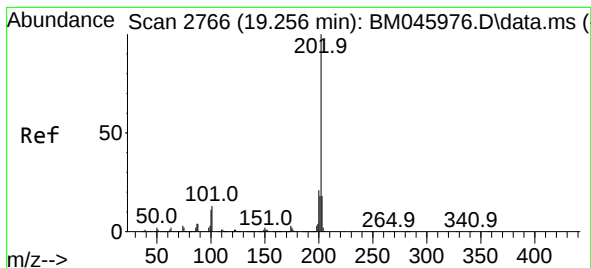


#80
Fluoranthene
Concen: 4.024 ng/ul
RT: 18.892 min Scan# 2704
Delta R.T. -0.000 min
Lab File: BM045978.D
Acq: 11 Jun 2024 16:23



Tgt Ion:202 Resp: 207139
Ion Ratio Lower Upper
202 100
101 11.5 8.9 13.3
100 9.3 6.6 10.0





#82

Pyrene

Concen: 3.764 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM045978.D

Acq: 11 Jun 2024 16:23

Instrument :

BNA_M

ClientSampleId :

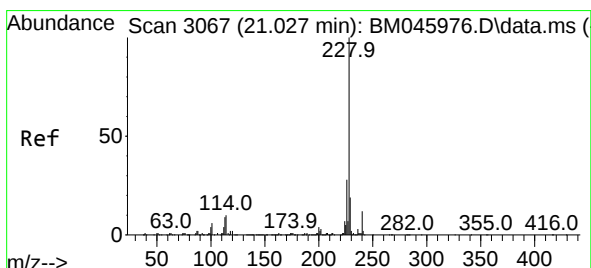
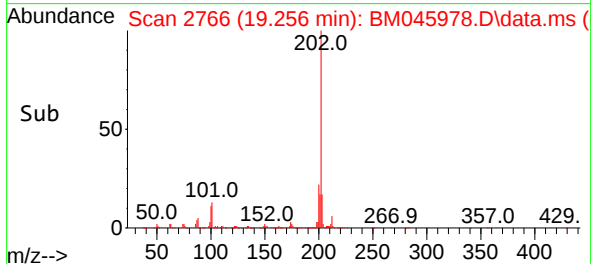
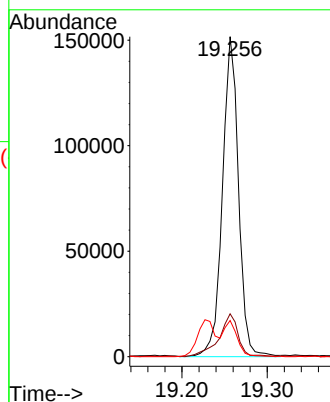
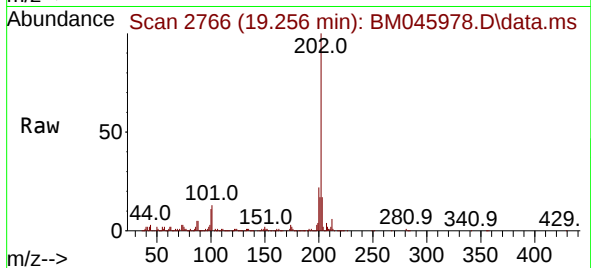
A4BH0

Tgt Ion:	202	Resp:	19904
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.5	15.7
100	11.3	8.6	12.8

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#85

Benzo(a)anthracene

Concen: 2.172 ng/ul

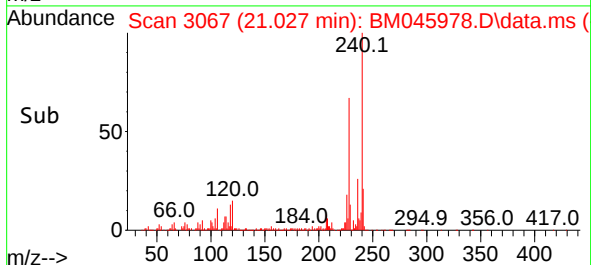
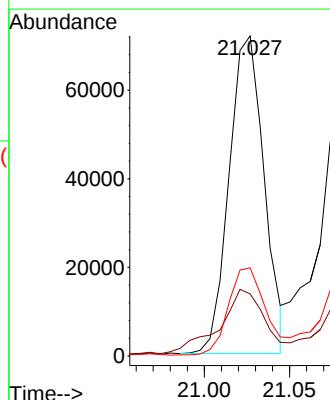
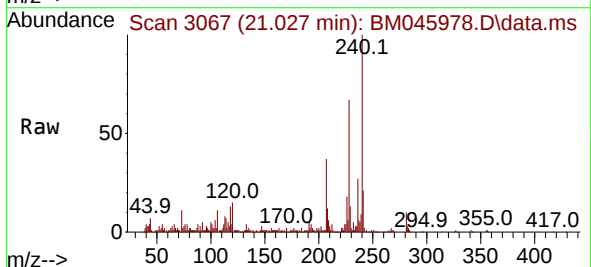
RT: 21.027 min Scan# 3067

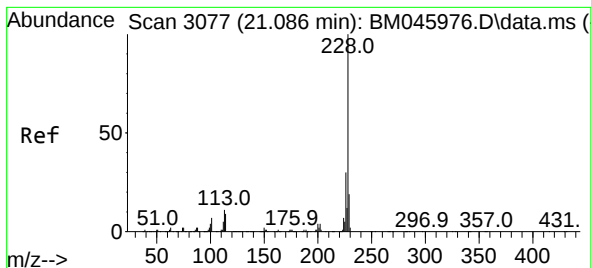
Delta R.T. -0.000 min

Lab File: BM045978.D

Acq: 11 Jun 2024 16:23

Tgt Ion:	228	Resp:	102391
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.8	23.8
226	27.5	21.4	32.0





#87

Chrysene

Concen: 2.419 ng/ul

RT: 21.086 min Scan# 3077

Delta R.T. -0.000 min

Lab File: BM045978.D

Acq: 11 Jun 2024 16:23

Instrument :

BNA_M

ClientSampleId :

A4BH0

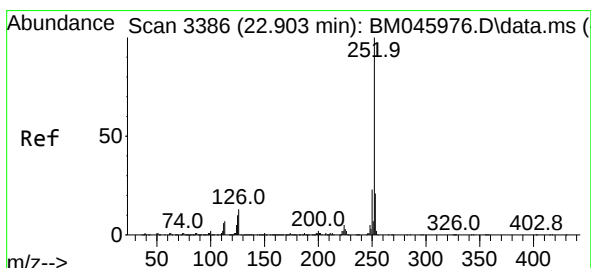
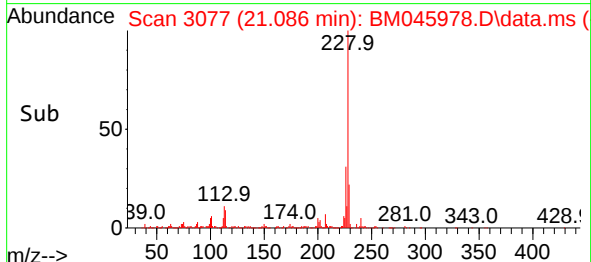
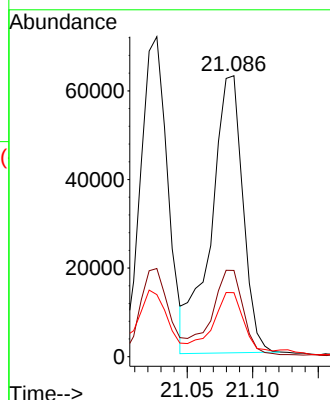
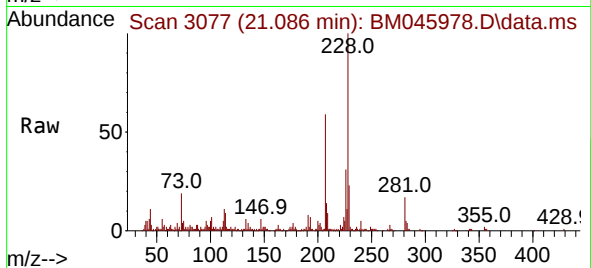
Tgt Ion:228 Resp: 105474

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	22.8	15.2	22.8

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#90

Benzo(b)fluoranthene

Concen: 2.625 ng/ul

RT: 22.903 min Scan# 3386

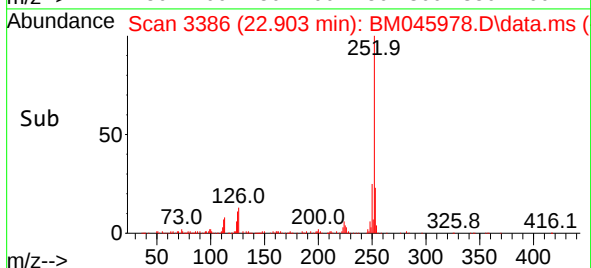
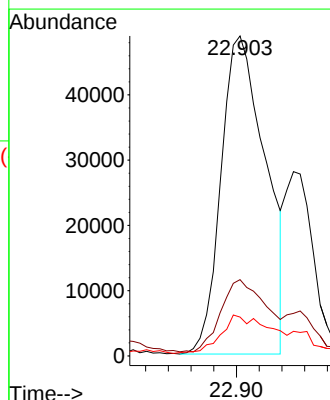
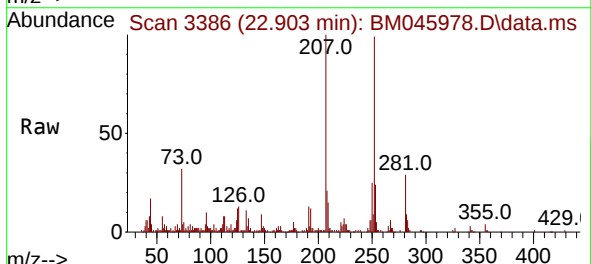
Delta R.T. -0.000 min

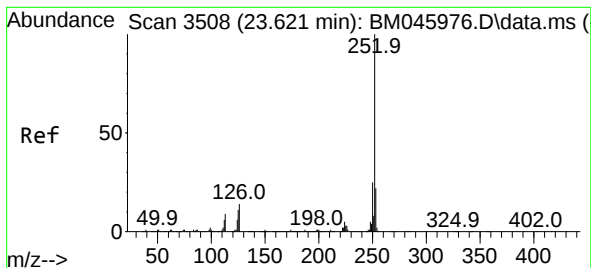
Lab File: BM045978.D

Acq: 11 Jun 2024 16:23

Tgt Ion:252 Resp: 132670

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	12.1	8.4	12.6





#93

Benzo(a)pyrene

Concen: 2.180 ng/ul

RT: 23.615 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM045978.D

Acq: 11 Jun 2024 16:23

Instrument :

BNA_M

ClientSampleId :

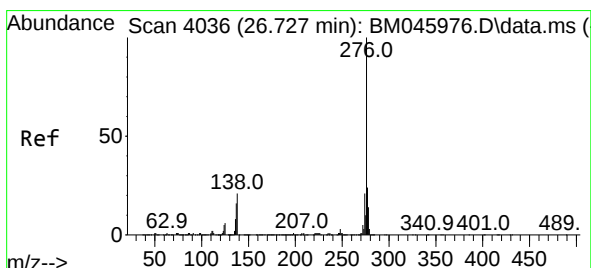
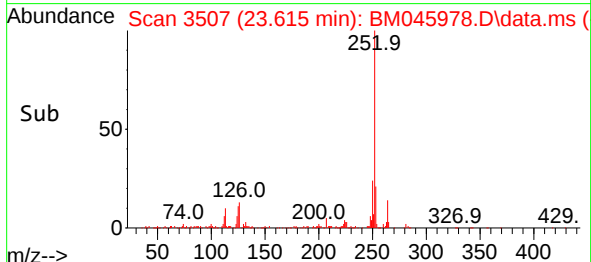
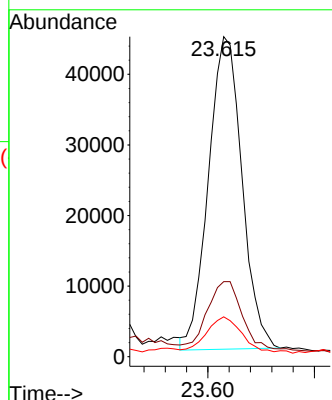
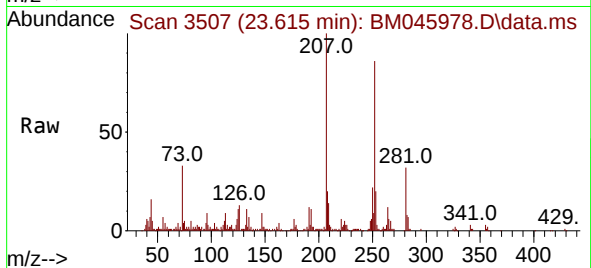
A4BH0

Tgt Ion:	252	Resp:	9681
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	12.4	9.3	13.9

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.205 ng/ul

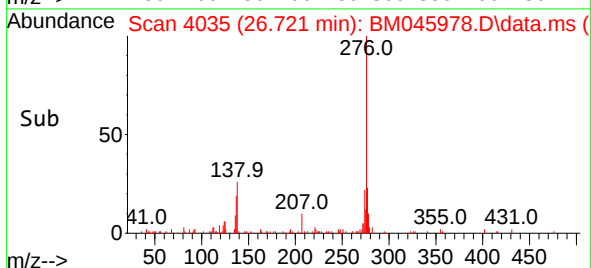
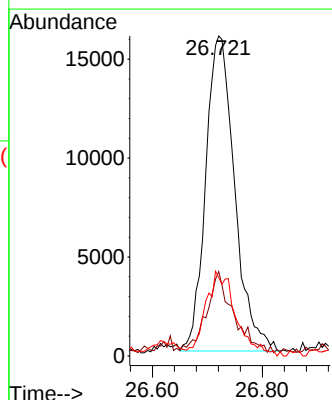
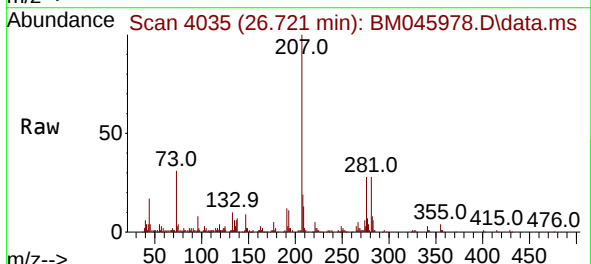
RT: 26.721 min Scan# 4035

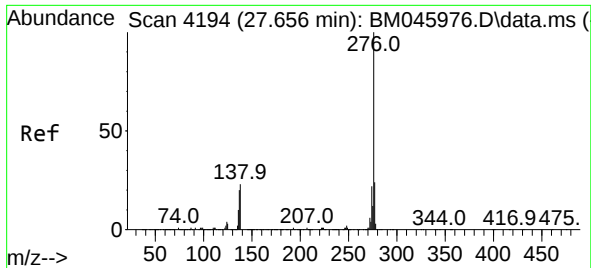
Delta R.T. -0.006 min

Lab File: BM045978.D

Acq: 11 Jun 2024 16:23

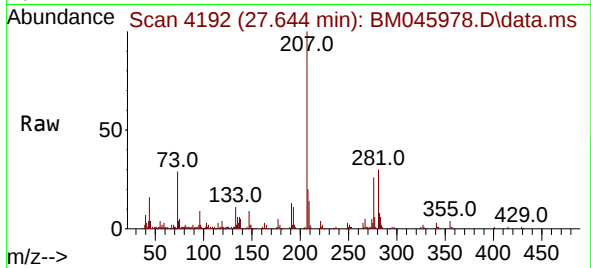
Tgt Ion:	276	Resp:	58432
Ion Ratio	Lower	Upper	
276	100		
138	26.4	17.9	26.9
277	24.5	19.0	28.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.384 ng/ul
 RT: 27.644 min Scan# 4192
 Delta R.T. -0.012 min
 Lab File: BM045978.D
 Acq: 11 Jun 2024 16:23

Instrument :
 BNA_M
 ClientSampleId :
 A4BH0



Tgt Ion: 276 Resp: 59125
 Ion Ratio Lower Upper
 276 100
 138 20.6 18.6 27.8
 277 22.7 18.7 28.1

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