

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021103.D
 Acq On : 23 Jul 2024 17:55
 Operator : MA/JU
 Sample : P3238-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BG0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 00:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	149953	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	607771	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	399416	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	864770	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	918192	20.000	ng/u1	0.00
88) Perylene-d12	24.892	264	1103910	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	10291	3.123	ng/uL	0.00
4) Pyridine-d5	3.628	84	10985	1.151	ng/u1	0.02
7) Phenol-d5	6.875	99	187344	15.324	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	109585	14.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	156453	15.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	130541	12.857	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	74770	15.839	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	86833	16.071	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.087	165	145733	14.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	127653	9.863	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	465026	16.016	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	512328	15.714	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	56906m	13.775	ng/u1	0.02
60) Fluorene-d10	15.328	176	424407	17.817	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.493	200	45000	8.600	ng/u1	0.01
73) Anthracene-d10	17.228	188	658525	17.145	ng/u1	0.00
81) Pyrene-d10	19.616	212	830547	14.631	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	757559	13.914	ng/u1	-0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.163	178	130720	2.914	ng/u1	99
80) Fluoranthene	19.263	202	216986	3.165	ng/u1	98
82) Pyrene	19.645	202	167234	2.397	ng/u1	99
85) Benzo(a)anthracene	21.551	228	98386	1.530	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.463	149	86411	2.066	ng/u1#	98
87) Chrysene	21.622	228	113307m	1.896	ng/u1	
90) Benzo(b)fluoranthene	23.845	252	144068	2.151	ng/u1#	89
93) Benzo(a)pyrene	24.733	252	64186	1.014	ng/u1#	85

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

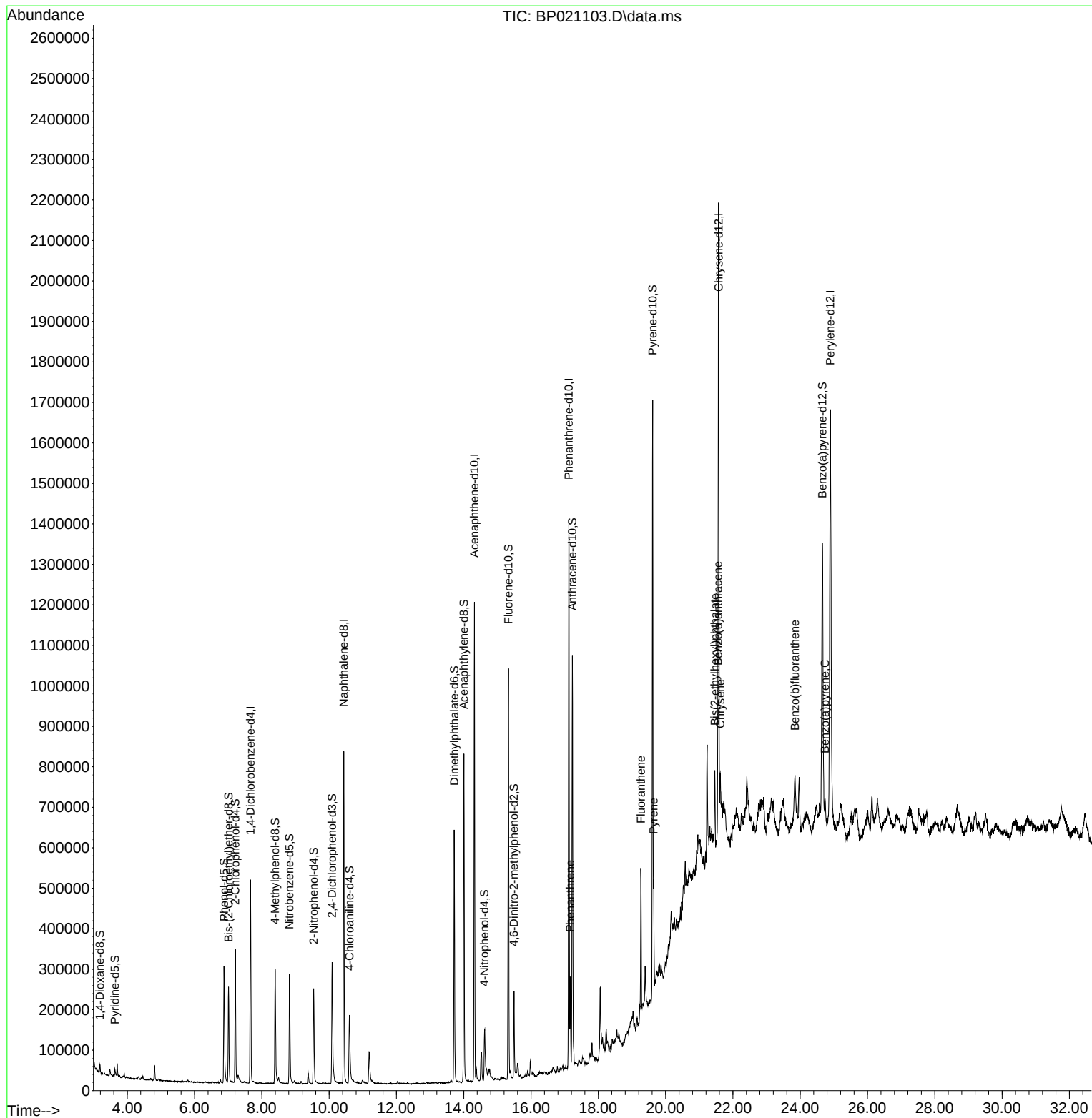
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021103.D
Acq On : 23 Jul 2024 17:55
Operator : MA/JU
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ALS Vial : 10 Sample Multiplier: 1

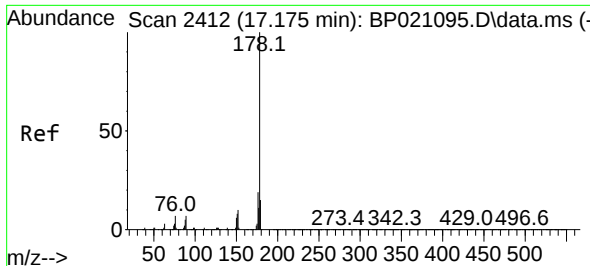
Instrument :
BNA_P
ClientSampleId :
A4BG0

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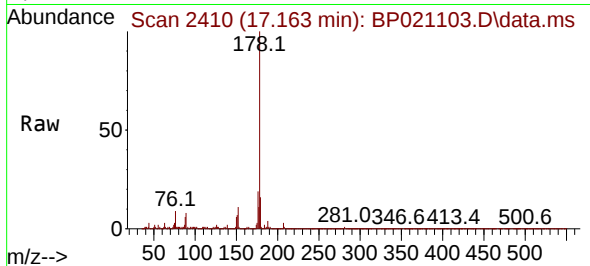
Quant Time: Jul 24 00:48:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.914 ng/ul
RT: 17.163 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP021103.D
Acq: 23 Jul 2024 17:55

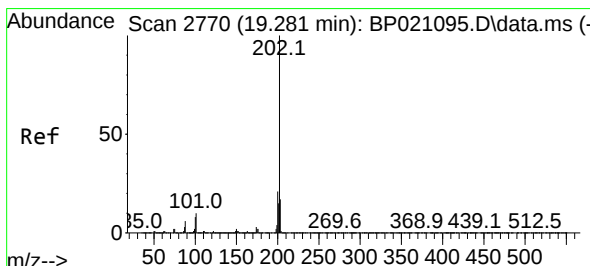
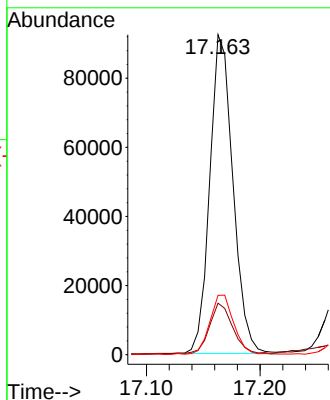
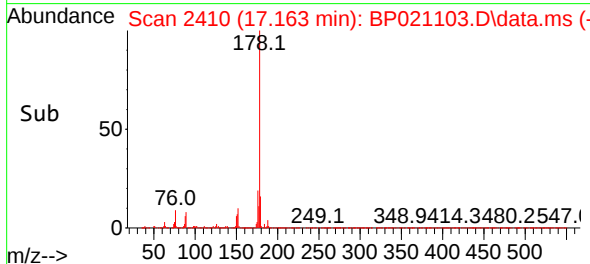
Instrument :
BNA_P
ClientSampleId :
A4BG0



Tgt Ion:178 Resp: 130720
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 18.6 15.0 22.4

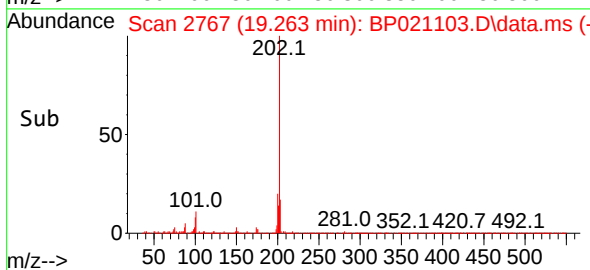
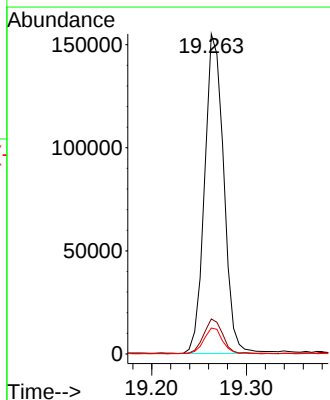
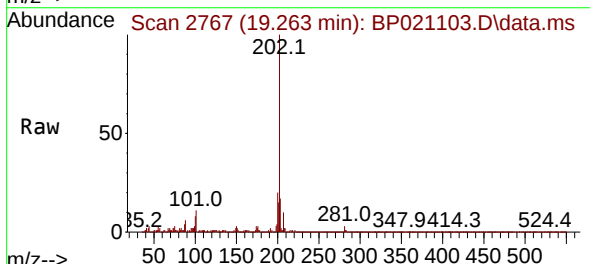
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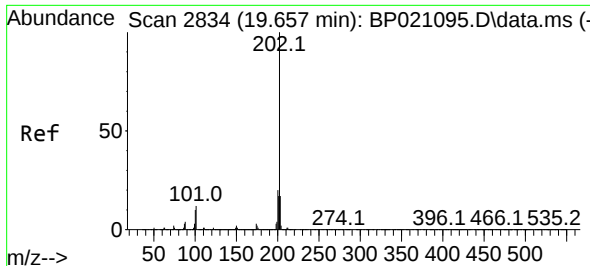
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#80
Fluoranthene
Concen: 3.165 ng/ul
RT: 19.263 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP021103.D
Acq: 23 Jul 2024 17:55

Tgt Ion:202 Resp: 216986
Ion Ratio Lower Upper
202 100
101 10.9 8.0 12.0
100 8.1 6.1 9.1





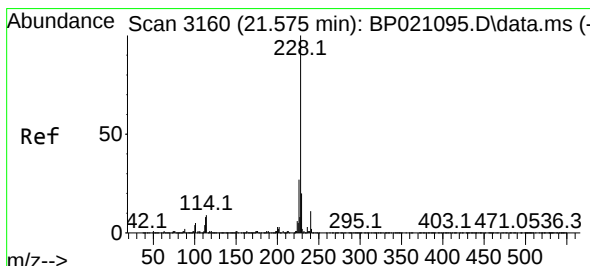
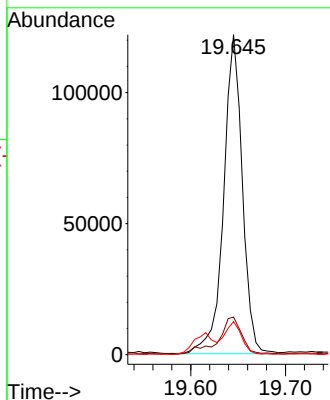
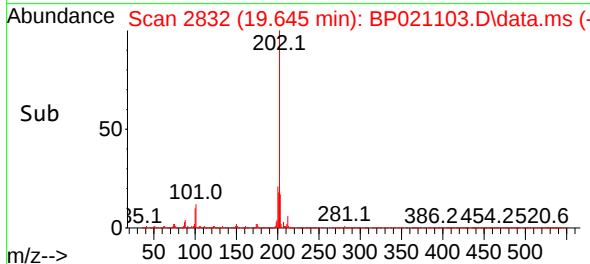
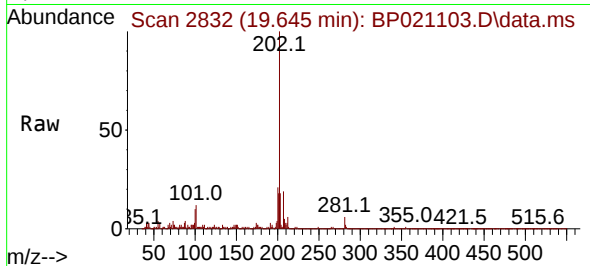
#82
Pyrene
Concen: 2.397 ng/ul
RT: 19.645 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021103.D
Acq: 23 Jul 2024 17:55

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 167234
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 10.4 7.8 11.6

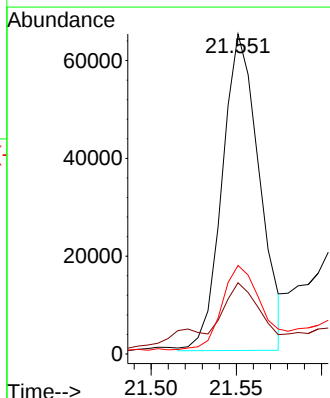
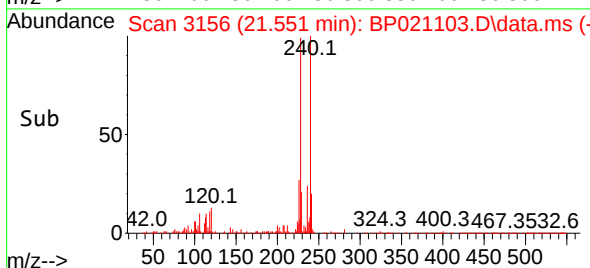
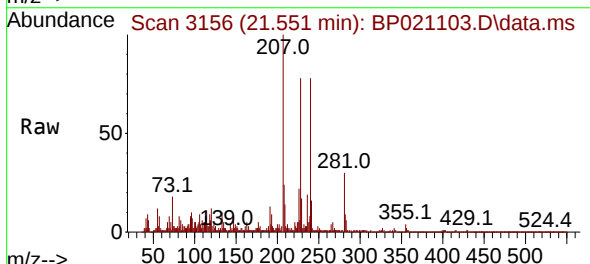
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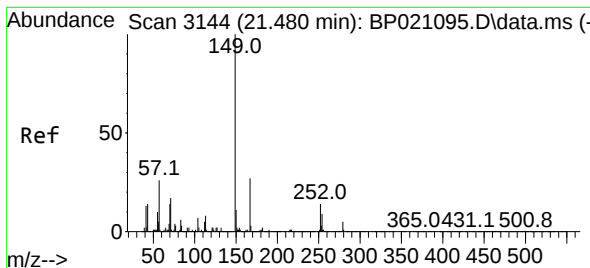
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#85
Benzo(a)anthracene
Concen: 1.530 ng/ul
RT: 21.551 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BP021103.D
Acq: 23 Jul 2024 17:55

Tgt Ion:228 Resp: 98386
Ion Ratio Lower Upper
228 100
229 22.2 15.5 23.3
226 27.7 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.066 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. -0.012 min

Lab File: BP021103.D

Acq: 23 Jul 2024 17:55

Instrument :

BNA_P

ClientSampleId :

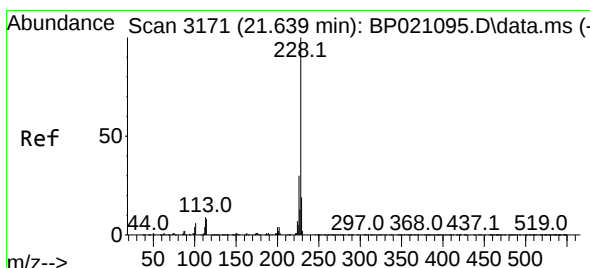
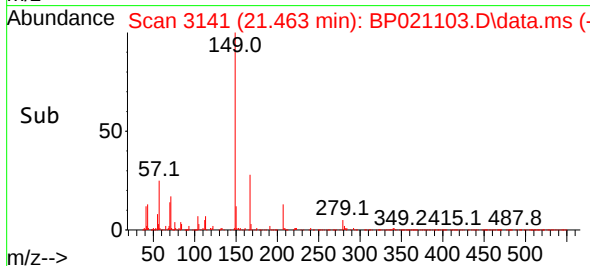
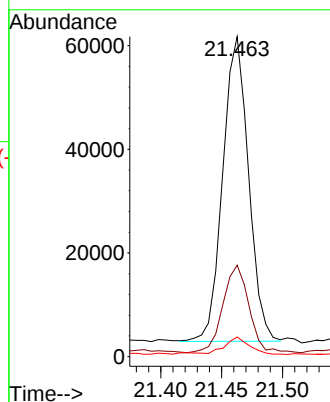
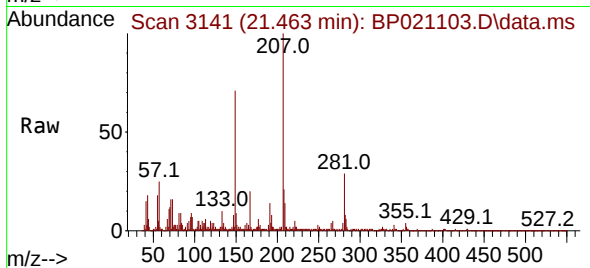
A4BG0

Tgt Ion:	149	Resp:	8641
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.1	33.1
279	6.1	3.7	5.5

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#87

Chrysene

Concen: 1.896 ng/ul m

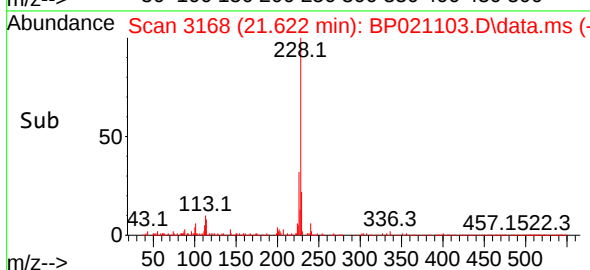
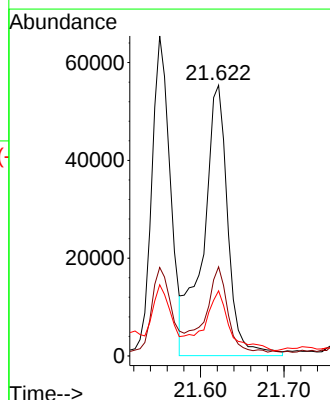
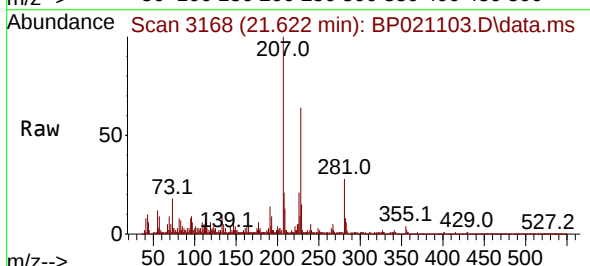
RT: 21.622 min Scan# 3168

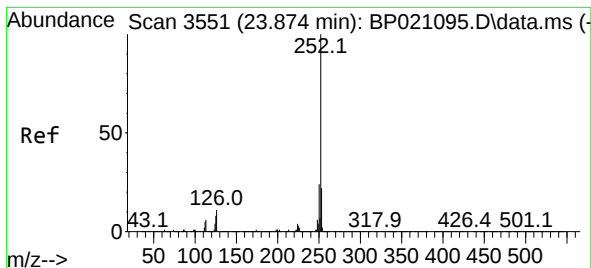
Delta R.T. 0.000 min

Lab File: BP021103.D

Acq: 23 Jul 2024 17:55

Tgt Ion:	228	Resp:	113307
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.6	35.4
229	24.0	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 2.151 ng/uI

RT: 23.845 min Scan# 3551

Delta R.T. -0.012 min

Lab File: BP021103.D

Acq: 23 Jul 2024 17:55

Instrument :

BNA_P

ClientSampleId :

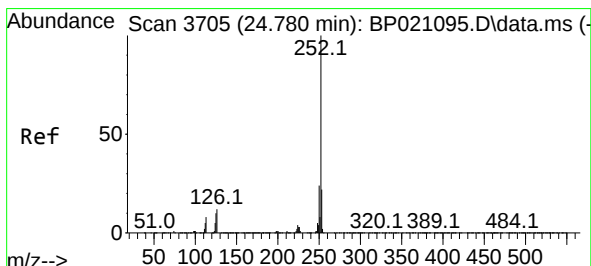
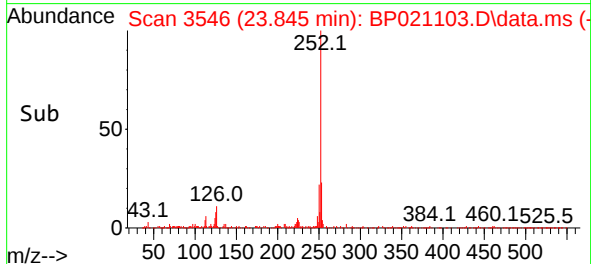
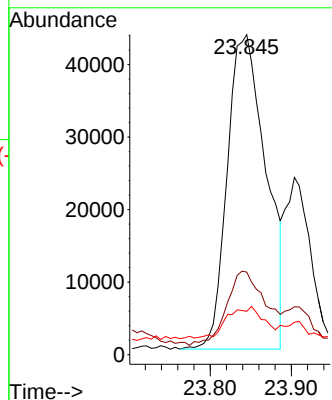
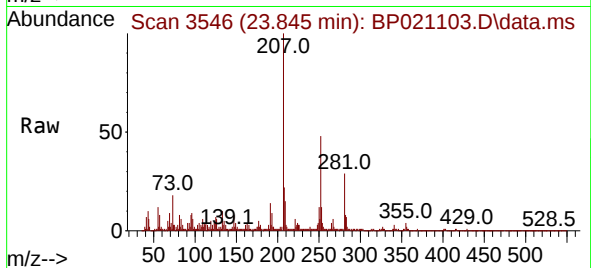
A4BG0

Tgt Ion:252 Resp: 144068
Ion Ratio Lower Upper
252 100
253 25.8 17.1 25.7#
125 13.5 7.0 10.4#

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#93

Benzo(a)pyrene

Concen: 1.014 ng/uI

RT: 24.733 min Scan# 3697

Delta R.T. -0.012 min

Lab File: BP021103.D

Acq: 23 Jul 2024 17:55

Tgt Ion:252 Resp: 64186
Ion Ratio Lower Upper
252 100
253 27.6 17.4 26.0#
125 16.7 7.7 11.5#

