

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021101.D
 Acq On : 23 Jul 2024 16:28
 Operator : MA/JU
 Sample : P3238-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF8

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:43:30 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	7.663	152	154737	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	615898	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	394758	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	881156	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	914327	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	1093041	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	8106	2.384	ng/uL	0.00
4) Pyridine-d5	3.628	84	13838	1.406	ng/u1	0.02
7) Phenol-d5	6.875	99	178780	14.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	102948	13.466	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	145358	13.985	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	117677	11.231	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	67926	14.199	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	81579	14.899	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	144916	14.637	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	145119	11.064	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	465013	16.204	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	520372	16.149	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	67183m	16.455	ng/u1	0.02
60) Fluorene-d10	15.328	176	409592	17.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	50996	9.565	ng/u1	0.00
73) Anthracene-d10	17.234	188	591754	15.120	ng/u1	0.01
81) Pyrene-d10	19.622	212	752913	13.319	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.674	264	641553	11.901	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.175	178	77565	1.697	ng/u1	99
80) Fluoranthene	19.275	202	264213	3.870	ng/u1	98
82) Pyrene	19.651	202	190537	2.743	ng/u1#	95
85) Benzo(a)anthracene	21.557	228	117392	1.833	ng/u1	94
87) Chrysene	21.622	228	150083	2.522	ng/u1	99
90) Benzo(b)fluoranthene	23.851	252	222116	3.349	ng/u1#	94
91) Benzo(k)fluoranthene	23.921	252	73810	1.115	ng/u1#	87
93) Benzo(a)pyrene	24.745	252	79438	1.267	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.698	276	88198	1.092	ng/u1	98

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

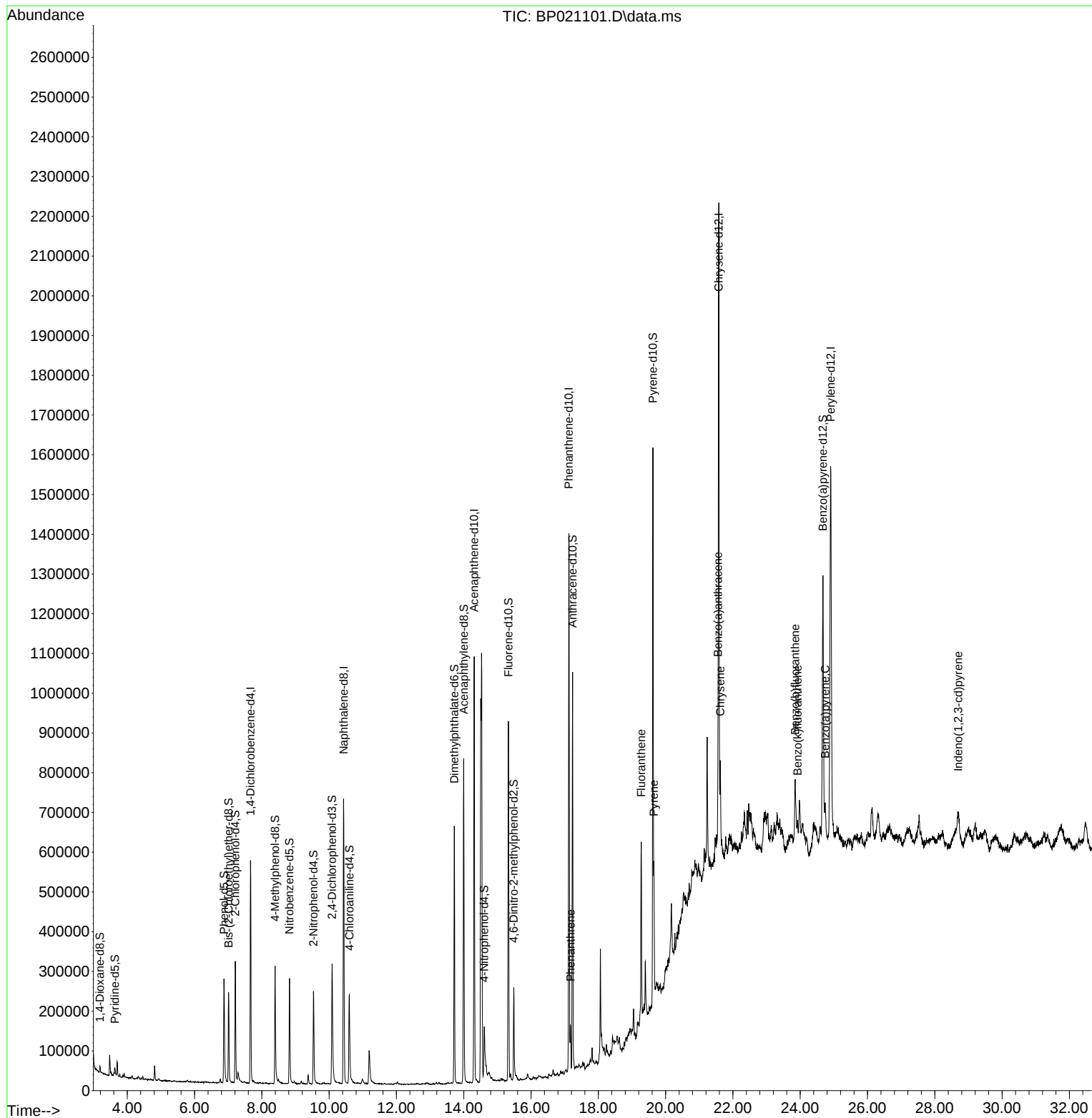
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021101.D
Acq On : 23 Jul 2024 16:28
Operator : MA/JU
Sample : P3238-12
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ALS Vial : 8 Sample Multiplier: 1

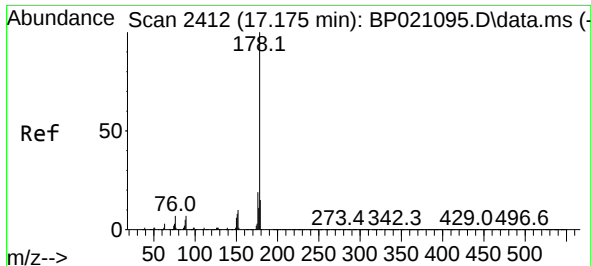
Instrument :
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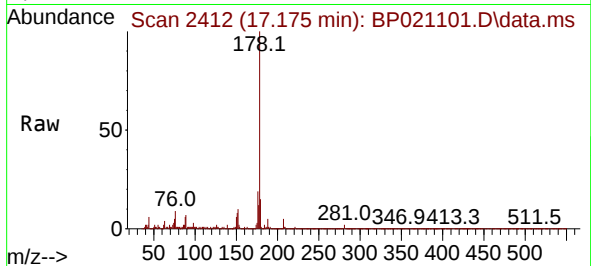
Quant Time: Jul 24 00:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.697 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP021101.D
Acq: 23 Jul 2024 16:28

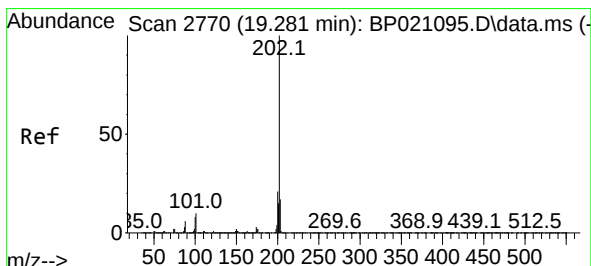
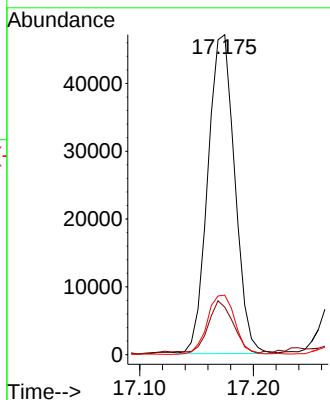
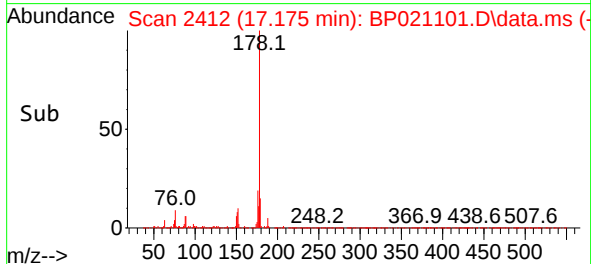
Instrument :
BNA_P
ClientSampleId :
A4BF8



Tgt Ion:178 Resp: 7756
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 18.6 15.0 22.4

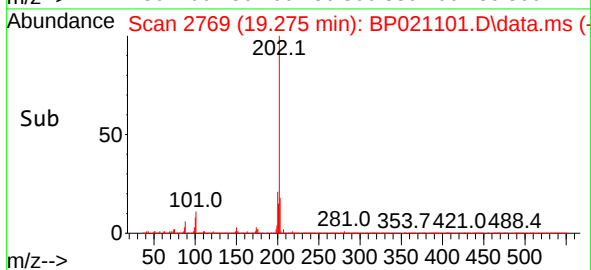
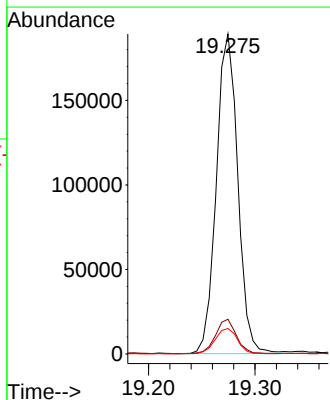
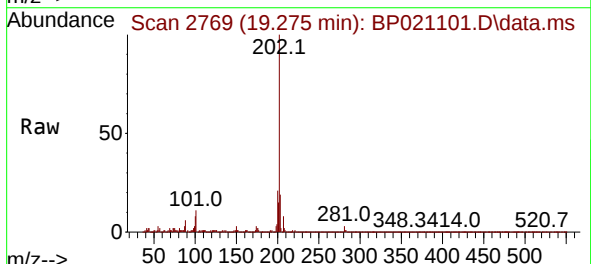
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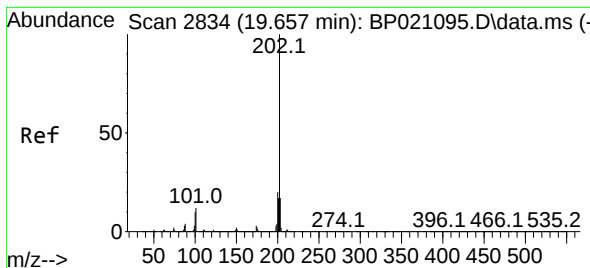
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#80
Fluoranthene
Concen: 3.870 ng/ul
RT: 19.275 min Scan# 2769
Delta R.T. 0.012 min
Lab File: BP021101.D
Acq: 23 Jul 2024 16:28

Tgt Ion:202 Resp: 264213
Ion Ratio Lower Upper
202 100
101 10.9 8.0 12.0
100 8.0 6.1 9.1





#82

Pyrene

Concen: 2.743 ng/ul

RT: 19.651 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021101.D

Acq: 23 Jul 2024 16:28

Instrument :

BNA_P

ClientSampleId :

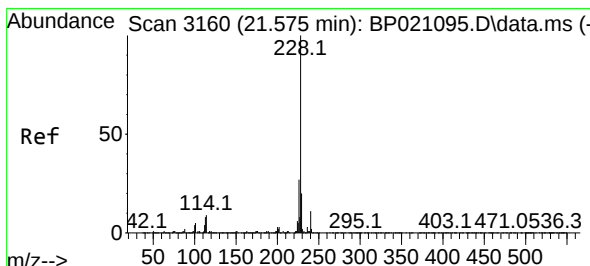
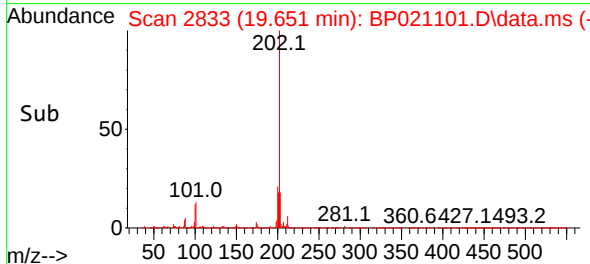
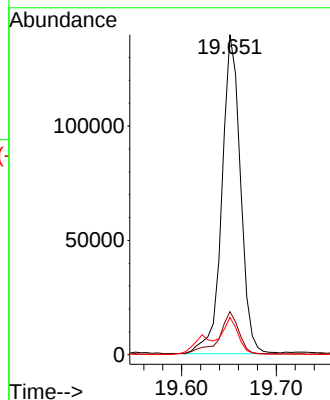
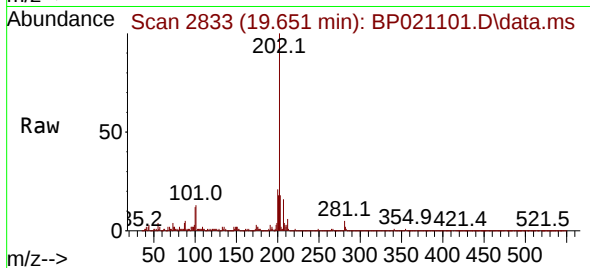
A4BF8

Tgt Ion:	202	Resp:	19053
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.4	14.2
100	11.7	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.833 ng/ul

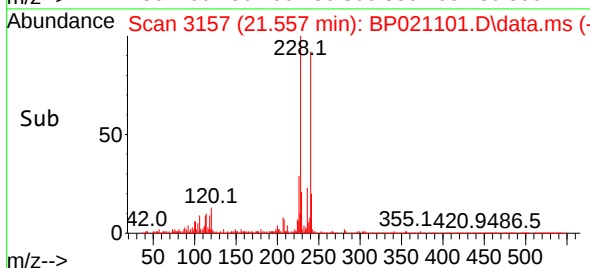
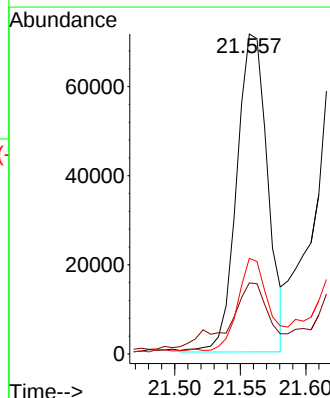
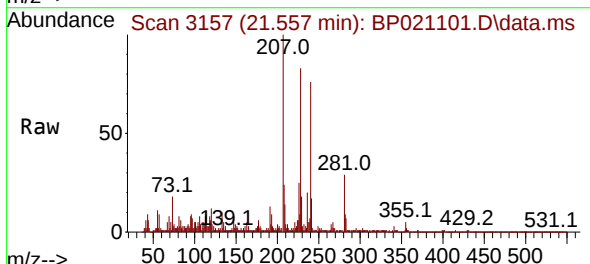
RT: 21.557 min Scan# 3157

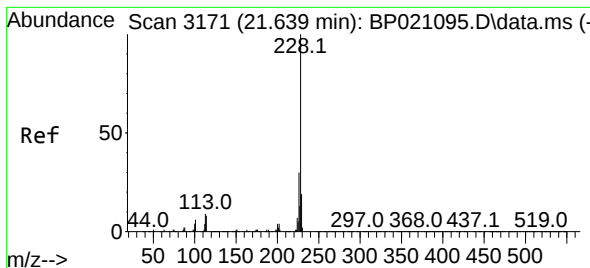
Delta R.T. 0.006 min

Lab File: BP021101.D

Acq: 23 Jul 2024 16:28

Tgt Ion:	228	Resp:	117392
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.5	23.3
226	29.8	21.4	32.2





#87

Chrysene

Concen: 2.522 ng/ul

RT: 21.622 min Scan# 3171

Delta R.T. 0.000 min

Lab File: BP021101.D

Acq: 23 Jul 2024 16:28

Instrument :

BNA_P

ClientSampleId :

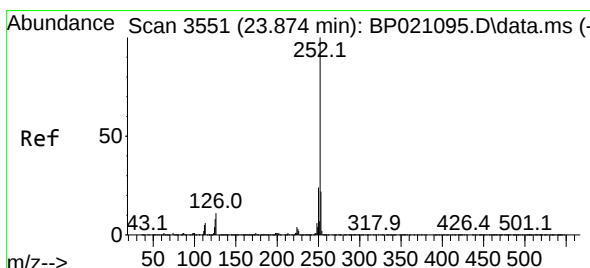
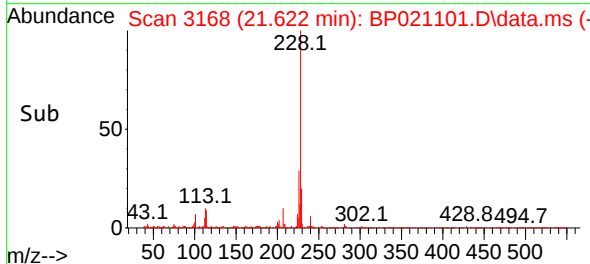
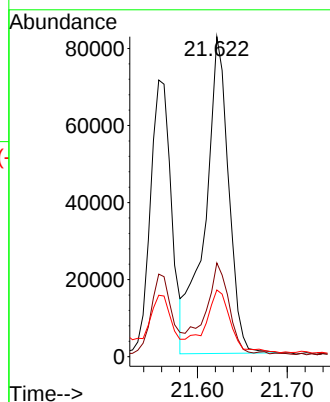
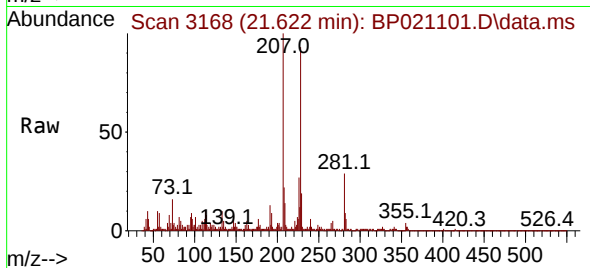
A4BF8

Tgt Ion:228 Resp: 150083
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.6 35.4
 229 20.8 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 3.349 ng/ul

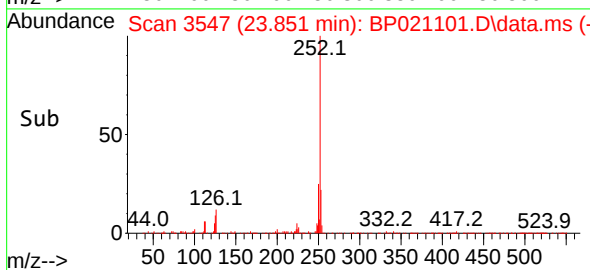
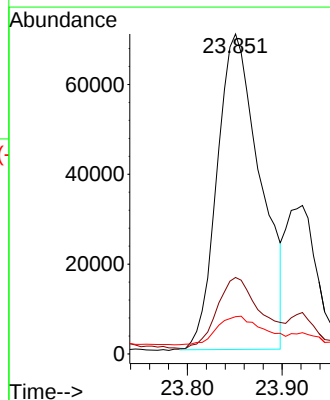
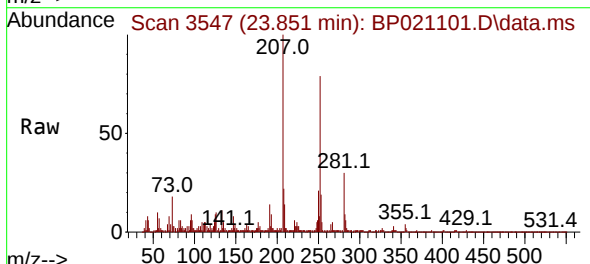
RT: 23.851 min Scan# 3547

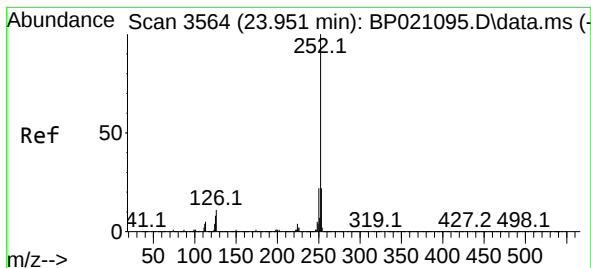
Delta R.T. -0.006 min

Lab File: BP021101.D

Acq: 23 Jul 2024 16:28

Tgt Ion:252 Resp: 222116
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.1 25.7
 125 11.6 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 1.115 ng/ul

RT: 23.921 min Scan# 3559

Delta R.T. -0.000 min

Lab File: BP021101.D

Acq: 23 Jul 2024 16:28

Instrument :

BNA_P

ClientSampleId :

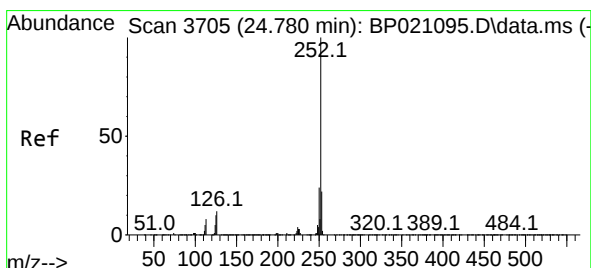
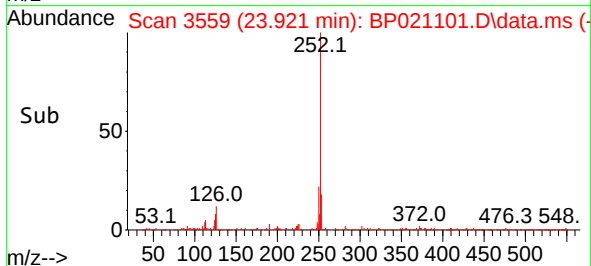
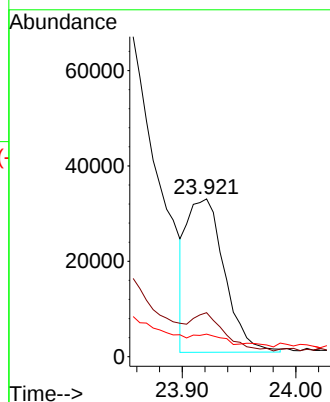
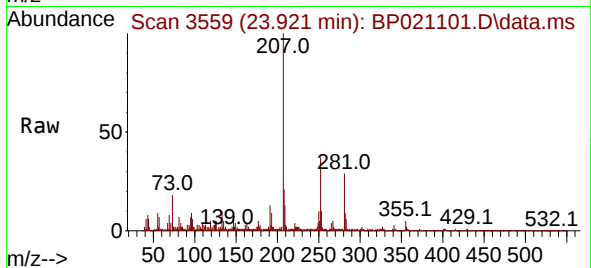
A4BF8

Tgt Ion:	252	Resp:	73810
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.4	26.2
125	14.3	7.4	11.0

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#93

Benzo(a)pyrene

Concen: 1.267 ng/ul

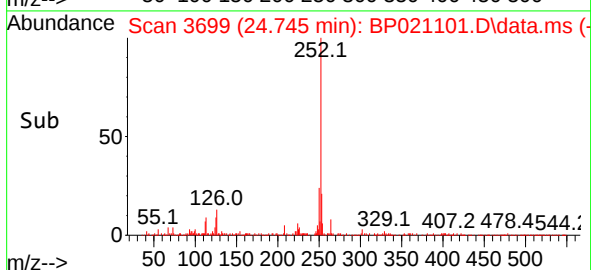
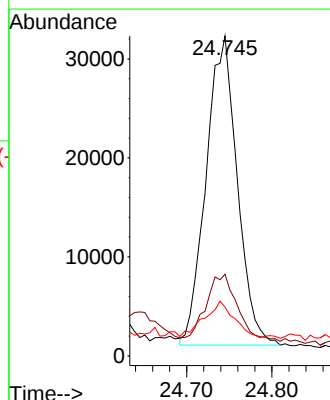
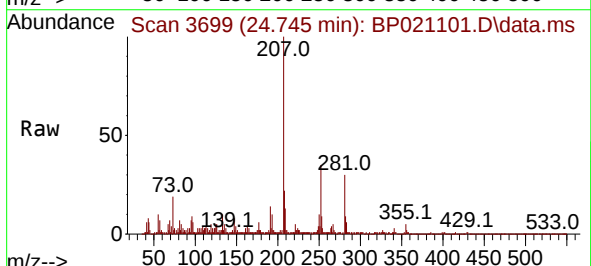
RT: 24.745 min Scan# 3699

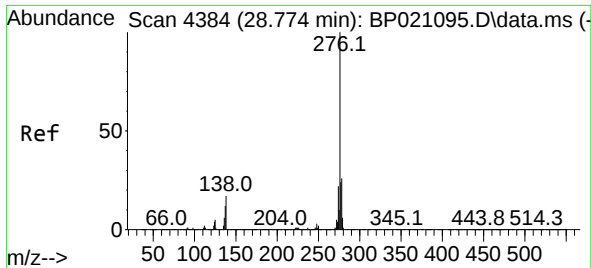
Delta R.T. -0.000 min

Lab File: BP021101.D

Acq: 23 Jul 2024 16:28

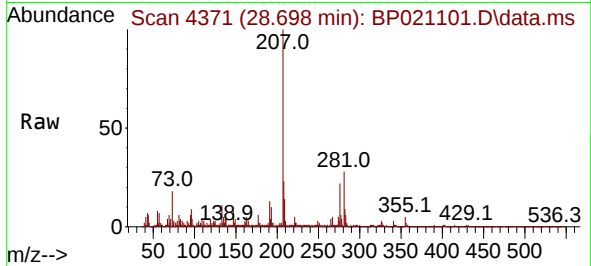
Tgt Ion:	252	Resp:	79438
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.0
125	15.2	7.7	11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.092 ng/ul
 RT: 28.698 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BP021101.D
 Acq: 23 Jul 2024 16:28

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 88198
 Ion Ratio Lower Upper
 276 100
 138 18.6 14.3 21.5
 277 25.4 19.2 28.8

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