

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021048.D
 Acq On : 18 Jul 2024 16:09
 Operator : MA/JU
 Sample : P3201-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 18 16:40:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	139469	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	551267	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	359367	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	777412	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	769596	20.000	ng/u1	0.00
88) Perylene-d12	24.898	264	938918	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10291	3.358	ng/uL	0.00
4) Pyridine-d5	3.670	84	14134m	1.593	ng/u1	0.01
7) Phenol-d5	6.899	99	215612	18.962	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	125774	18.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	182436	19.474	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	168342	17.826	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	84081	19.637	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	101093	20.628	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	161997	18.281	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	167094	14.233	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	524390	20.073	ng/u1	-0.01
49) Acenaphthylene-d8	13.993	160	592623	20.203	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	73148m	19.680	ng/u1	0.00
60) Fluorene-d10	15.316	176	465343	21.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	62921	13.377	ng/u1	0.00
73) Anthracene-d10	17.228	188	744086	21.550	ng/u1	0.00
81) Pyrene-d10	19.610	212	648315	13.626	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	446070	9.633	ng/u1	-0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.169	178	178484	4.426	ng/u1	98
80) Fluoranthene	19.263	202	337695	5.877	ng/u1	99
82) Pyrene	19.639	202	189370	3.239	ng/u1	98
85) Benzo(a)anthracene	21.557	228	166578	3.090	ng/u1	98
87) Chrysene	21.622	228	164519	3.284	ng/u1	95
90) Benzo(b)fluoranthene	23.839	252	225154	3.952	ng/u1#	92
91) Benzo(k)fluoranthene	23.898	252	72311m	1.272	ng/u1	
93) Benzo(a)pyrene	24.721	252	57046	1.059	ng/u1#	78

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

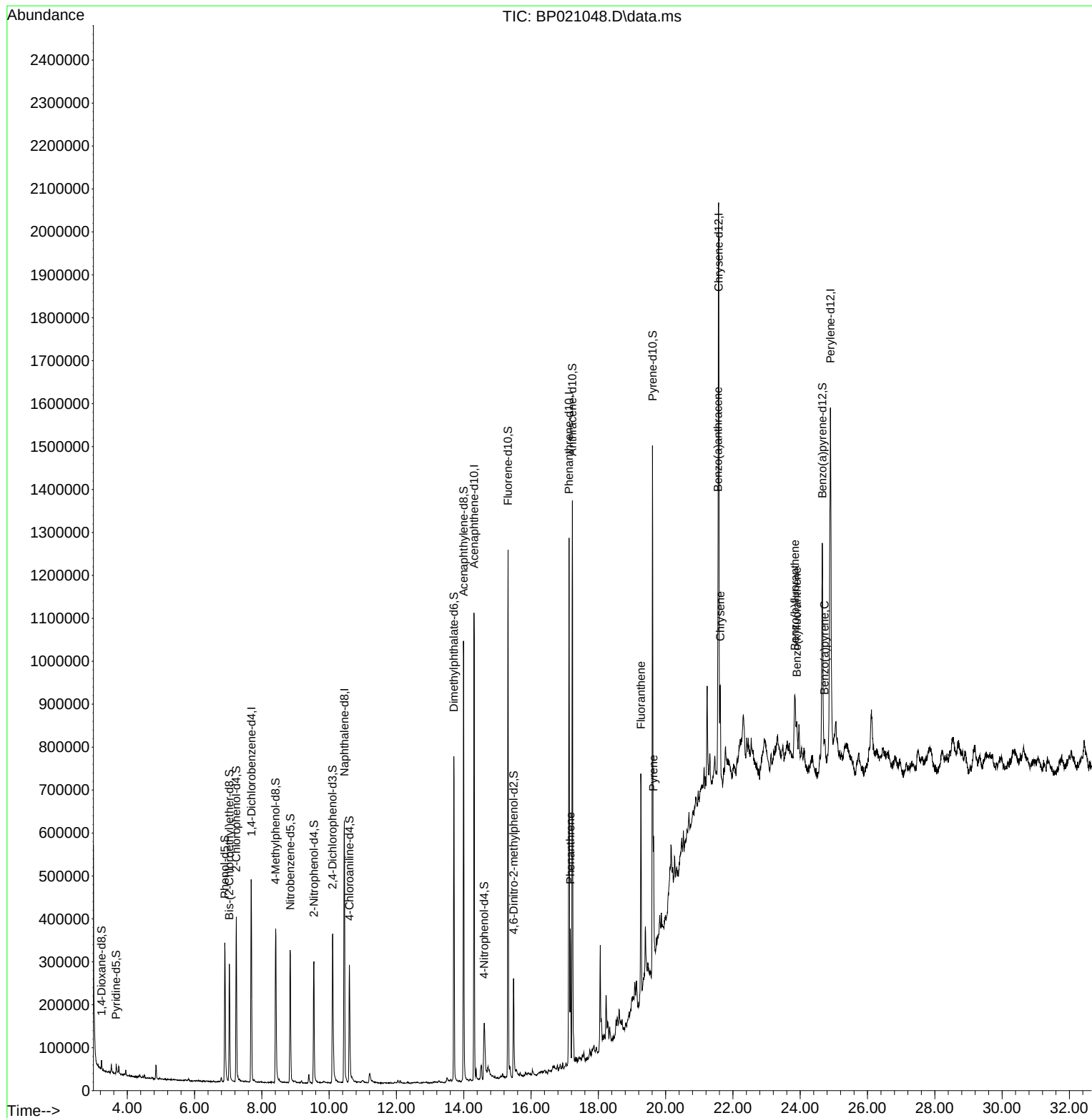
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021048.D
Acq On : 18 Jul 2024 16:09
Operator : MA/JU
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ALS Vial : 6 Sample Multiplier: 1

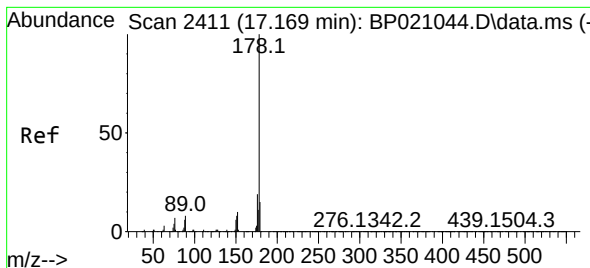
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.426 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BP021048.D

Acq: 18 Jul 2024 16:09

Instrument :

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ClientSampleId :

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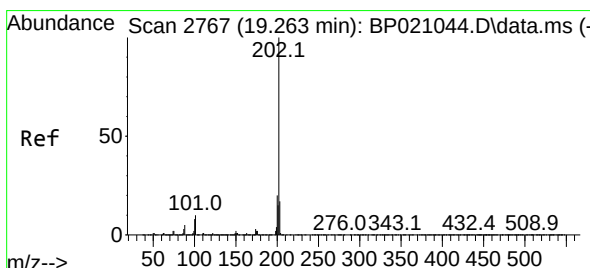
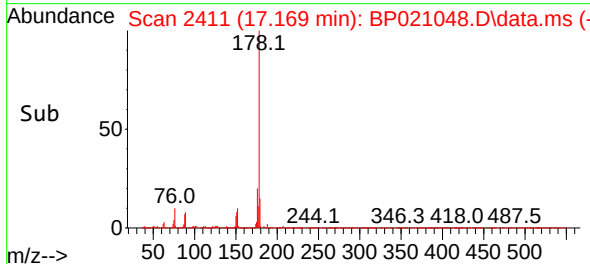
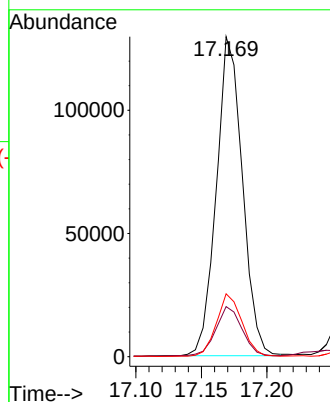
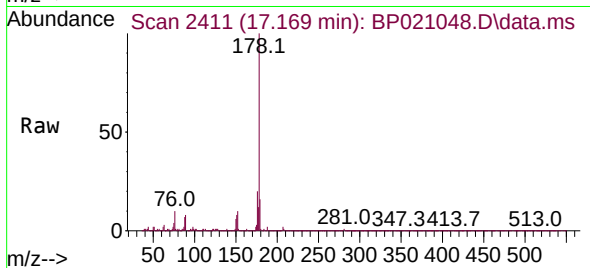
Tgt Ion:178	Resp: 178484
Ion Ratio	Lower Upper
178 100	
179 15.7	12.2 18.4
176 19.7	15.0 22.4

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#80

Fluoranthene

Concen: 5.877 ng/ul

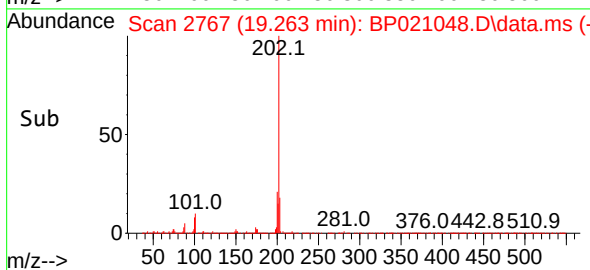
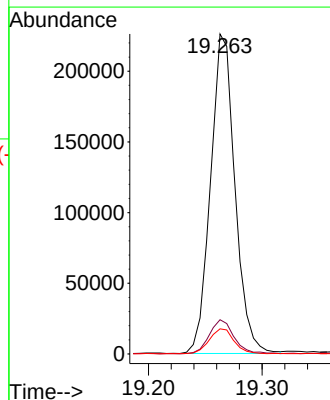
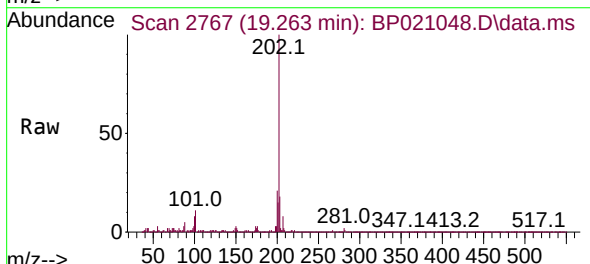
RT: 19.263 min Scan# 2767

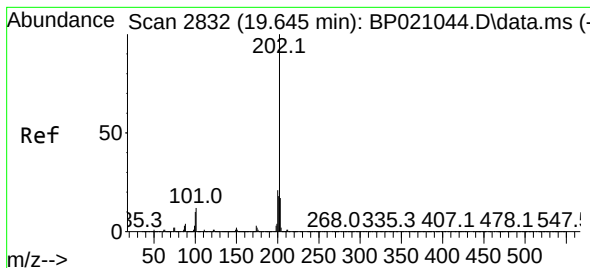
Delta R.T. 0.000 min

Lab File: BP021048.D

Acq: 18 Jul 2024 16:09

Tgt Ion:202	Resp: 337695
Ion Ratio	Lower Upper
202 100	
101 10.7	8.0 12.0
100 7.8	6.1 9.1





#82

Pyrene

Concen: 3.239 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021048.D

Acq: 18 Jul 2024 16:09

Instrument :

BNA_P

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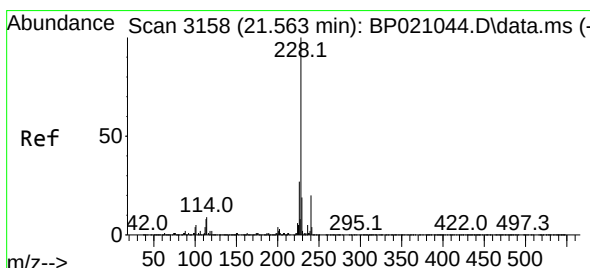
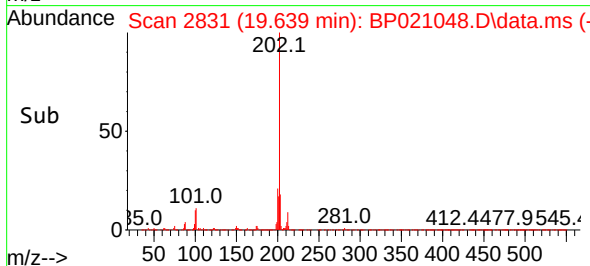
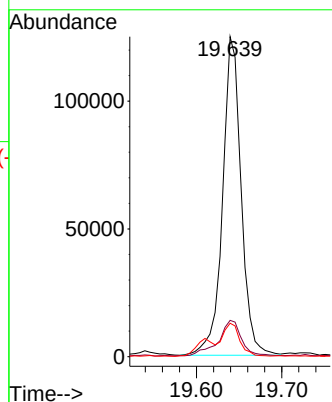
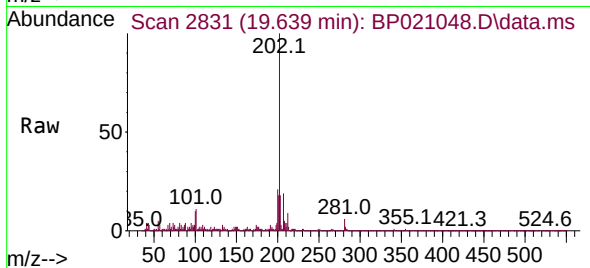
Tgt Ion:	202	Resp:	189370
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.4	14.2
100	10.4	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 3.090 ng/ul

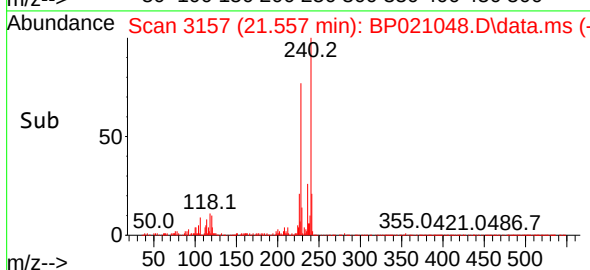
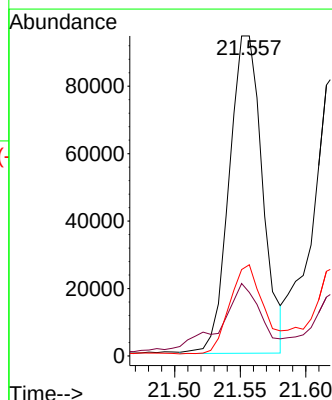
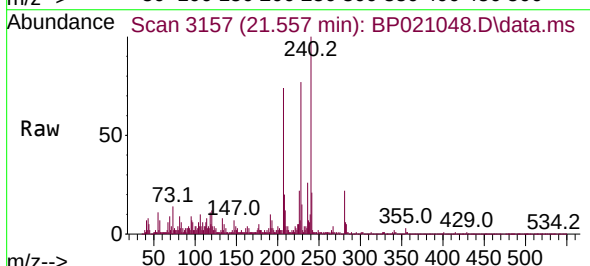
RT: 21.557 min Scan# 3157

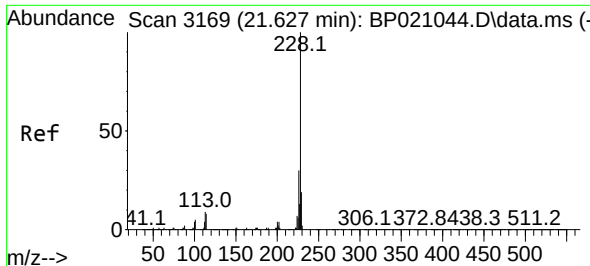
Delta R.T. -0.006 min

Lab File: BP021048.D

Acq: 18 Jul 2024 16:09

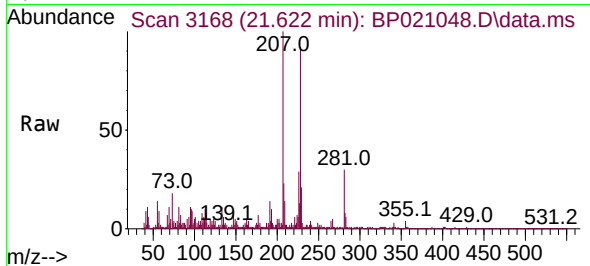
Tgt Ion:	228	Resp:	166578
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.5	23.3
226	28.5	21.4	32.2





#87
Chrysene
Concen: 3.284 ng/ul
RT: 21.622 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BP021048.D
Acq: 18 Jul 2024 16:09

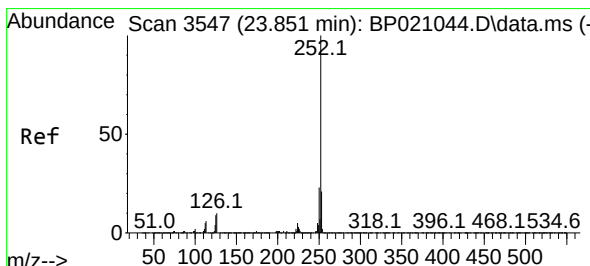
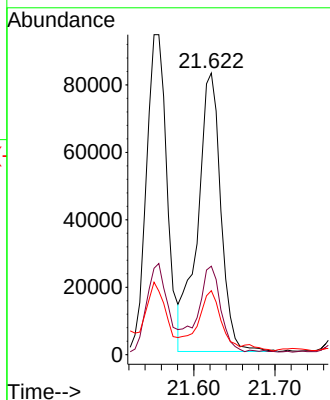
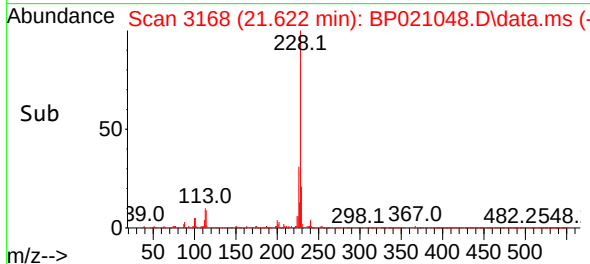
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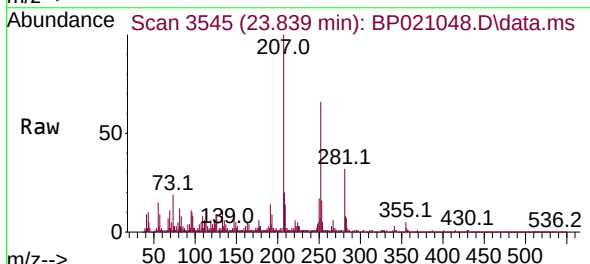
Tgt Ion:228 Resp: 164519
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 22.8 15.5 23.3

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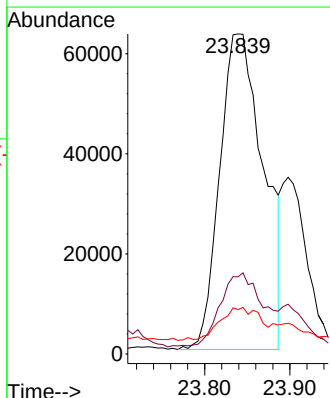
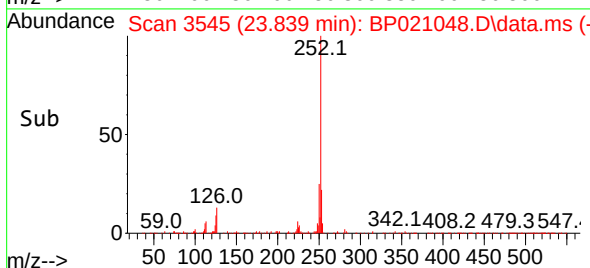
Reviewed By :Yogesh Patel 07/19/2024
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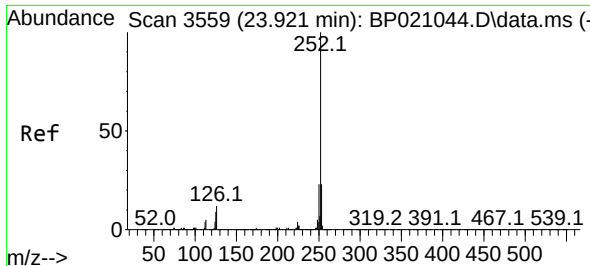


#90
Benzo(b)fluoranthene
Concen: 3.952 ng/ul
RT: 23.839 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BP021048.D
Acq: 18 Jul 2024 16:09



Tgt Ion:252 Resp: 225154
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 13.9 7.0 10.4





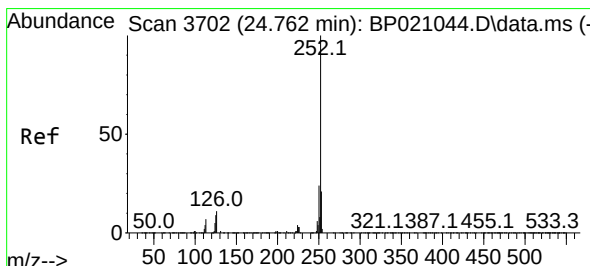
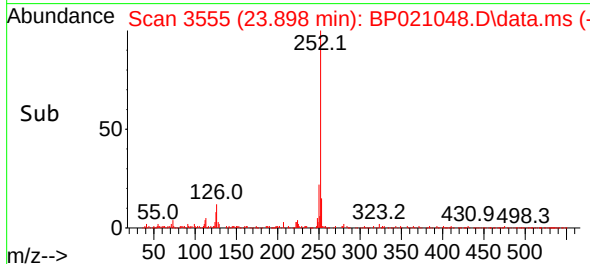
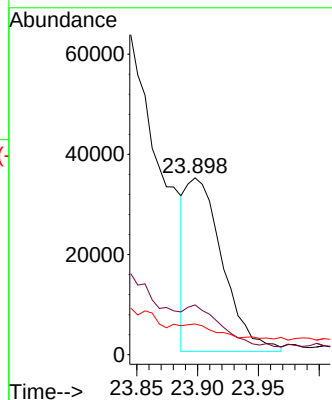
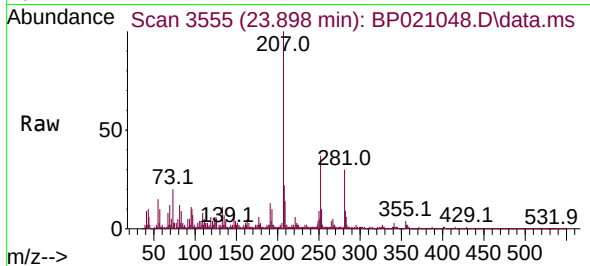
#91
Benzo(k)fluoranthene
Concen: 1.272 ng/ul m
RT: 23.898 min Scan# 3559
Delta R.T. -0.023 min
Lab File: BP021048.D
Acq: 18 Jul 2024 16:09

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Tgt Ion:252 Resp: 7231
Ion Ratio Lower Upper
252 100
253 28.2 17.4 26.2
125 17.4 7.4 11.0

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#93
Benzo(a)pyrene
Concen: 1.059 ng/ul
RT: 24.721 min Scan# 3695
Delta R.T. -0.041 min
Lab File: BP021048.D
Acq: 18 Jul 2024 16:09

Tgt Ion:252 Resp: 57046
Ion Ratio Lower Upper
252 100
253 29.6 17.4 26.0#
125 22.5 7.7 11.5#

