

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021078.D
 Acq On : 19 Jul 2024 14:59
 Operator : MA/JU
 Sample : P3238-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF4

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 02:04:23 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	7.675	152	215741	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.446	136	865274	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	558146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1216043	20.000	ng/u1	-0.01
79) Chrysene-d12	21.563	240	1175109	20.000	ng/u1	-0.02
88) Perylene-d12	24.880	264	1431916	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	12291	2.593	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	234158	13.313	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.028	67	148687	13.949	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.228	132	203719	14.058	ng/u1	-0.01
15) 4-Methylphenol-d8	8.399	113	156775	10.732	ng/u1	-0.02
21) Nitrobenzene-d5	8.834	128	100982	15.026	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	109529	14.239	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	189961	13.657	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	148326m	8.050	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	569051	14.025	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	680351	14.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	50300m	8.713	ng/u1	0.01
60) Fluorene-d10	15.316	176	520899	15.649	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	44008	5.981	ng/u1	0.00
73) Anthracene-d10	17.216	188	823966	15.256	ng/u1	-0.01
81) Pyrene-d10	19.610	212	911752	12.550	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	732048	10.366	ng/u1	-0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.157	178	245745	3.896	ng/u1	99
80) Fluoranthene	19.257	202	797230	9.087	ng/u1	99
82) Pyrene	19.639	202	540835	6.058	ng/u1	99
85) Benzo(a)anthracene	21.545	228	336554	4.089	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	57983	1.083	ng/u1#	99
87) Chrysene	21.604	228	442374	5.783	ng/u1	98
90) Benzo(b)fluoranthene	23.833	252	648371	7.461	ng/u1	97
91) Benzo(k)fluoranthene	23.892	252	211891m	2.443	ng/u1	
93) Benzo(a)pyrene	24.721	252	211353	2.574	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.645	276	240508m	2.273	ng/u1	

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

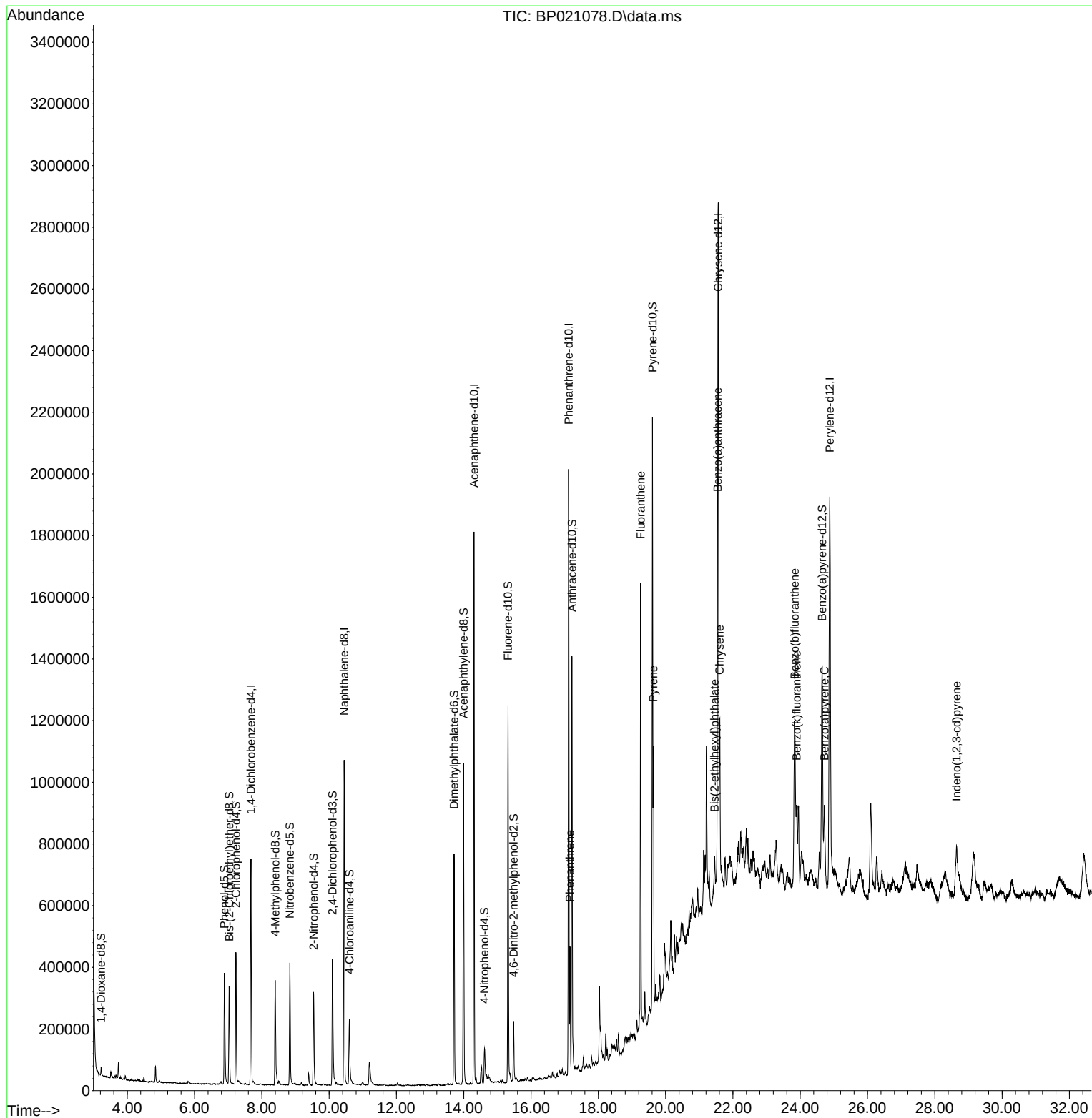
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021078.D
Acq On : 19 Jul 2024 14:59
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

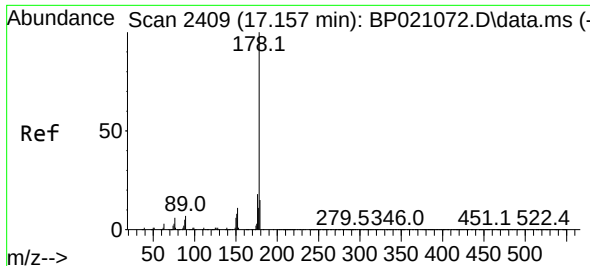
Instrument :
BNA_P
ClientSampleId :
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Supervised By :mohammad ahmed 07/20/2024

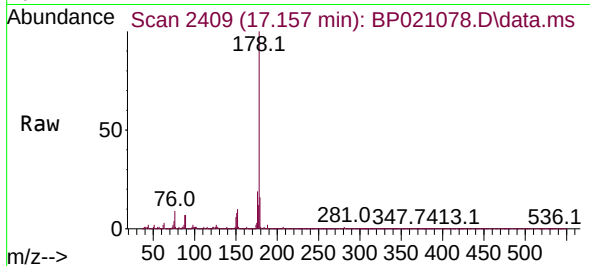
Quant Time: Jul 20 02:04:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.896 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP021078.D
Acq: 19 Jul 2024 14:59

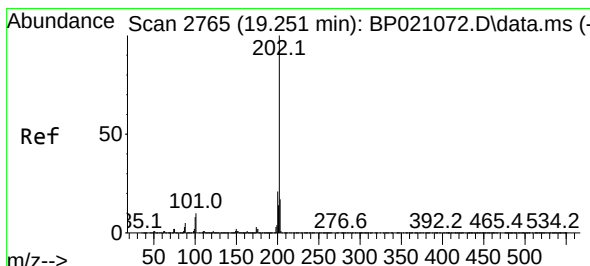
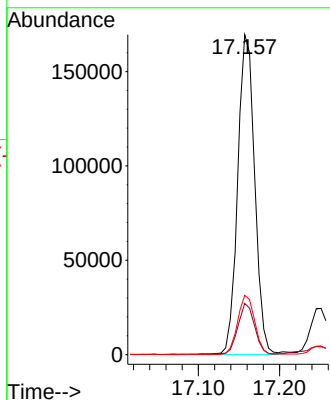
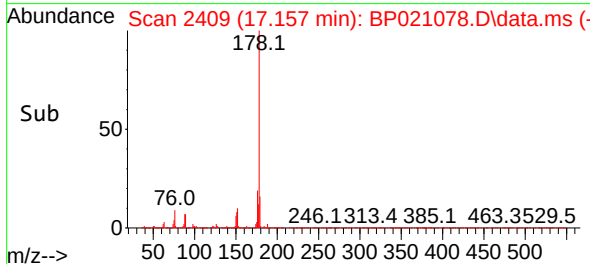
Instrument :
BNA_P
ClientSampleId :
A4BF4



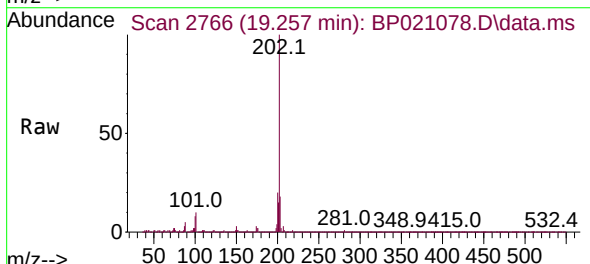
Tgt Ion:178 Resp: 245749
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 18.6 15.0 22.4

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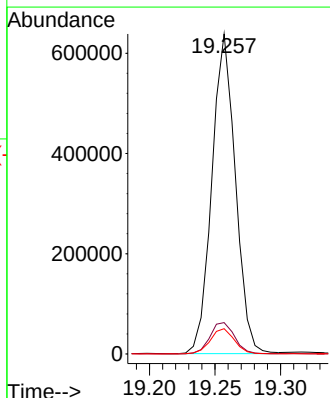
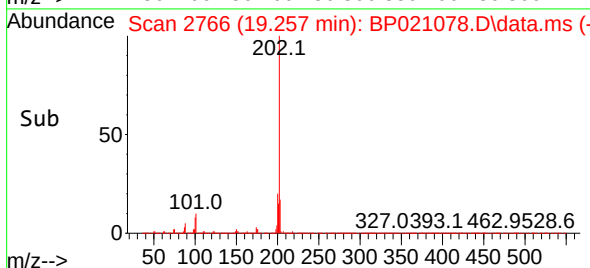
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

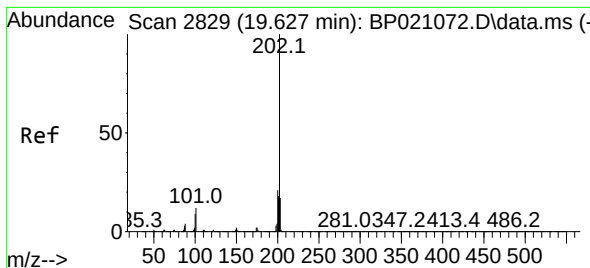


#80
Fluoranthene
Concen: 9.087 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP021078.D
Acq: 19 Jul 2024 14:59



Tgt Ion:202 Resp: 797230
Ion Ratio Lower Upper
202 100
101 9.8 8.0 12.0
100 7.9 6.1 9.1





#82

Pyrene

Concen: 6.058 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021078.D

Acq: 19 Jul 2024 14:59

Instrument :

BNA_P

ClientSampleId :

A4BF4

Tgt Ion:202 Resp: 54083

Ion Ratio Lower Upper

202 100

101 12.4 9.4 14.2

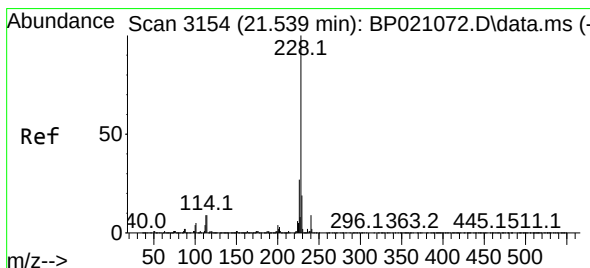
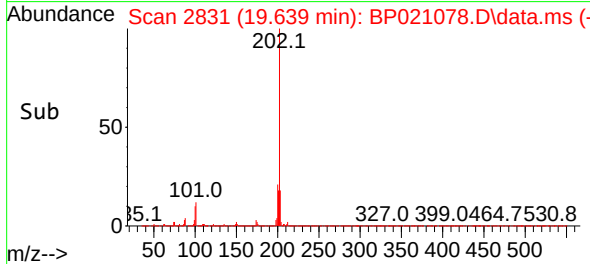
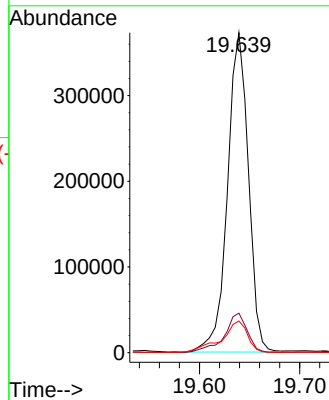
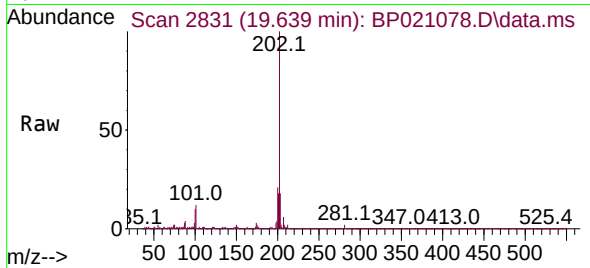
100 9.9 7.8 11.6

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#85

Benzo(a)anthracene

Concen: 4.089 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. -0.018 min

Lab File: BP021078.D

Acq: 19 Jul 2024 14:59

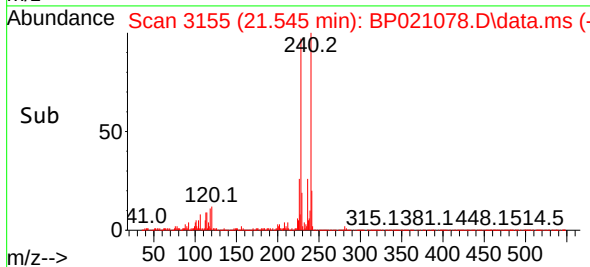
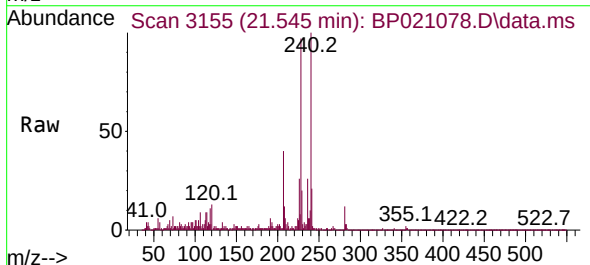
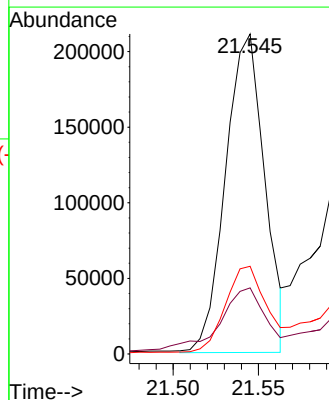
Tgt Ion:228 Resp: 336554

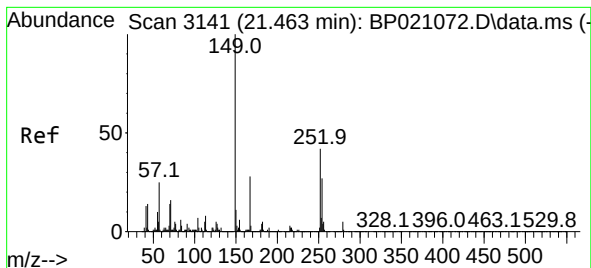
Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 27.4 21.4 32.2





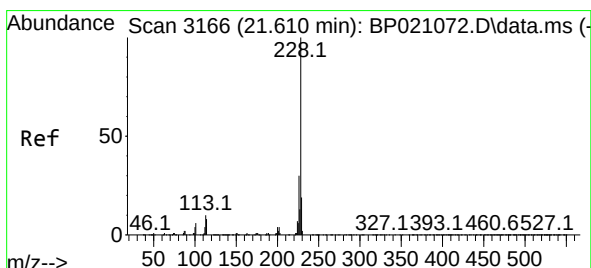
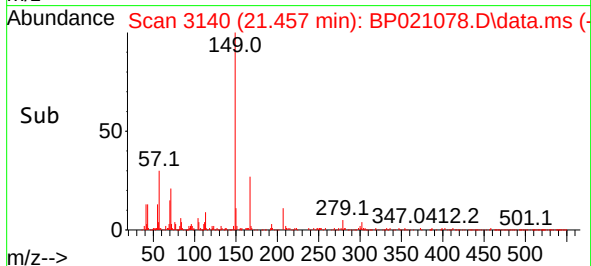
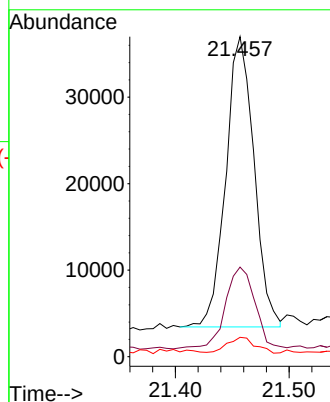
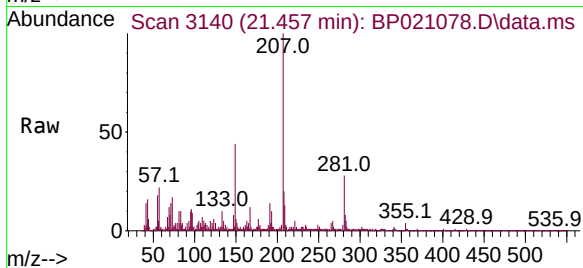
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.083 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP021078.D
Acq: 19 Jul 2024 14:59

Instrument :
BNA_P
ClientSampleId :
A4BF4

Tgt Ion:149 Resp: 5798
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 6.1 3.7 5.5

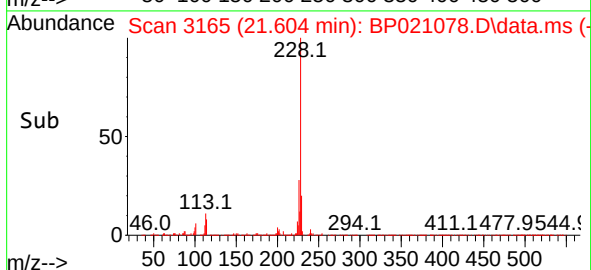
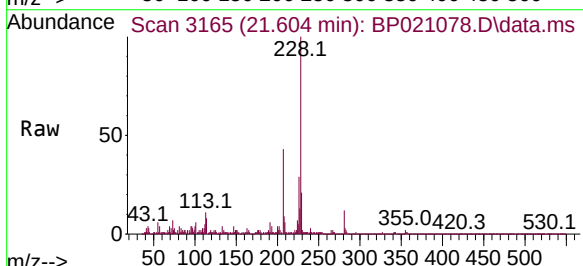
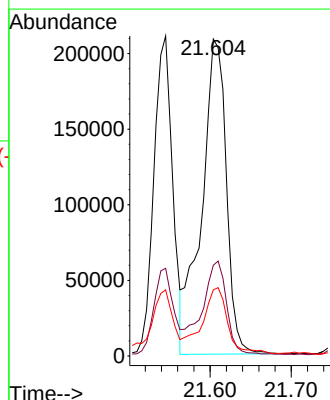
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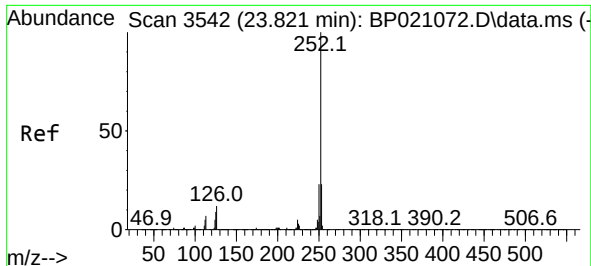
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#87
Chrysene
Concen: 5.783 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.023 min
Lab File: BP021078.D
Acq: 19 Jul 2024 14:59

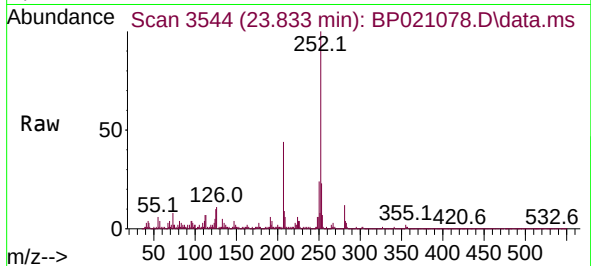
Tgt Ion:228 Resp: 442374
Ion Ratio Lower Upper
228 100
226 28.6 23.6 35.4
229 20.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.461 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. -0.018 min
Lab File: BP021078.D
Acq: 19 Jul 2024 14:59

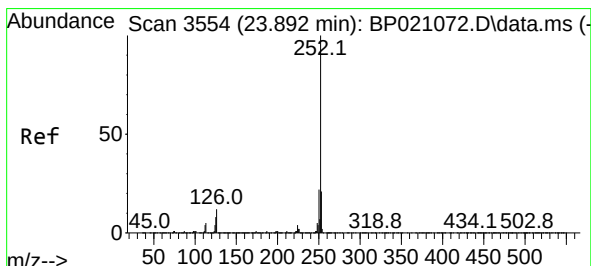
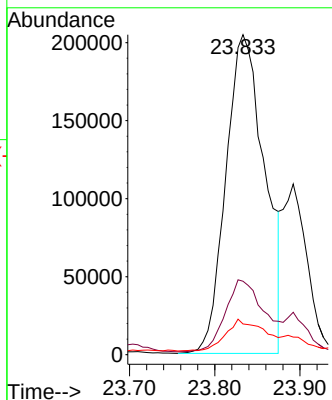
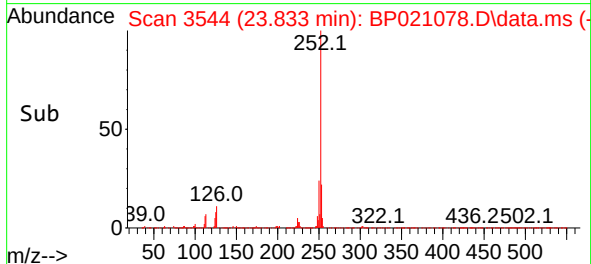
Instrument :
BNA_P
ClientSampleId :
A4BF4



Tgt Ion:252 Resp: 64837
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 9.6 7.0 10.4

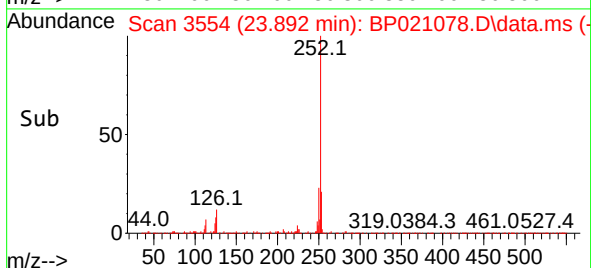
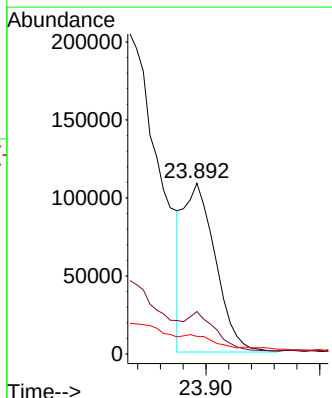
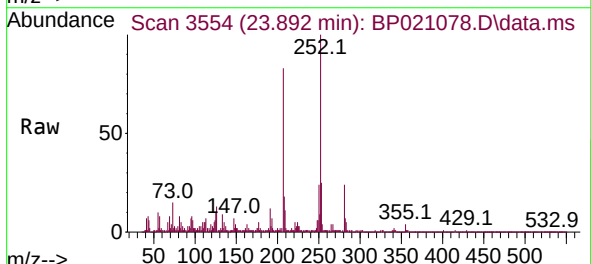
Manual Integrations
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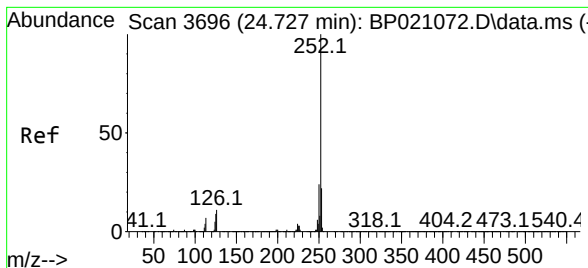
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#91
Benzo(k)fluoranthene
Concen: 2.443 ng/ul m
RT: 23.892 min Scan# 3554
Delta R.T. -0.029 min
Lab File: BP021078.D
Acq: 19 Jul 2024 14:59

Tgt Ion:252 Resp: 211891
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 10.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 2.574 ng/ul

RT: 24.721 min Scan# 30

Delta R.T. -0.041 min

Lab File: BP021078.D

Acq: 19 Jul 2024 14:59

Instrument :

BNA_P

ClientSampleId :

A4BF4

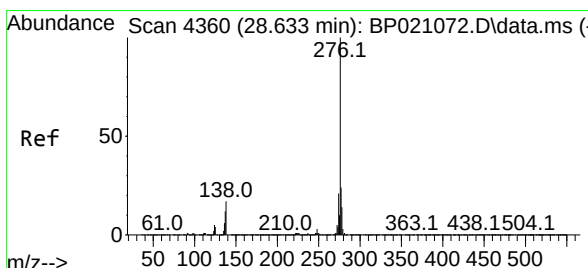
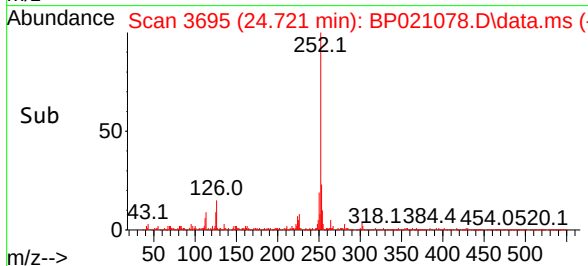
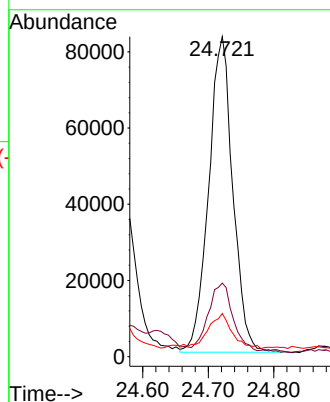
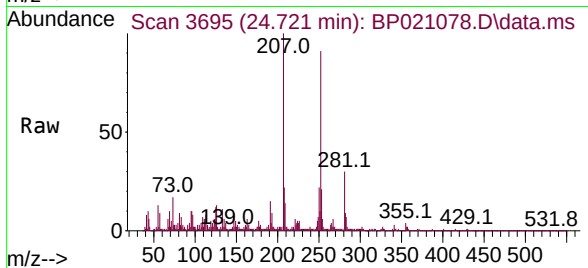
Tgt Ion:	252	Resp:	21135
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	13.5	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.273 ng/ul m

RT: 28.645 min Scan# 4362

Delta R.T. -0.059 min

Lab File: BP021078.D

Acq: 19 Jul 2024 14:59

Tgt Ion:	276	Resp:	240508
Ion Ratio	Lower	Upper	
276	100		
138	17.8	14.3	21.5
277	25.3	19.2	28.8

