

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021047.D
 Acq On : 18 Jul 2024 15:27
 Operator : MA/JU
 Sample : P3201-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ3

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 16:35:21 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	150357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	583999	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	377354	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	843432	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	911972	20.000	ng/u1	-0.02
88) Perylene-d12	24.880	264	1148358	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	12392	3.750	ng/uL	0.00
4) Pyridine-d5	3.664	84	26294	2.749	ng/u1	0.00
7) Phenol-d5	6.905	99	290821	23.725	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	162515	21.876	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	240737	23.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	217661	21.379	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	113795	25.087	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	130983	25.229	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	217830	23.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	175347	14.099	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	668904	24.384	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	769130	24.970	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	106476m	27.281	ng/u1	0.00
60) Fluorene-d10	15.322	176	592748	26.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	92885	18.201	ng/u1	0.00
73) Anthracene-d10	17.216	188	944692	25.218	ng/u1	-0.01
81) Pyrene-d10	19.604	212	902805	16.012	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.663	264	661448	11.679	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.163	178	131066	2.996	ng/u1	98
80) Fluoranthene	19.257	202	416727	6.120	ng/u1	99
82) Pyrene	19.633	202	221517	3.197	ng/u1	98
85) Benzo(a)anthracene	21.545	228	186619	2.921	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.463	149	57634	1.387	ng/u1#	99
87) Chrysene	21.616	228	229269	3.862	ng/u1	98
90) Benzo(b)fluoranthene	23.833	252	353798	5.077	ng/u1#	95
91) Benzo(k)fluoranthene	23.892	252	106200	1.527	ng/u1#	94
93) Benzo(a)pyrene	24.727	252	78336	1.190	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.662	276	91488m	1.078	ng/u1	

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

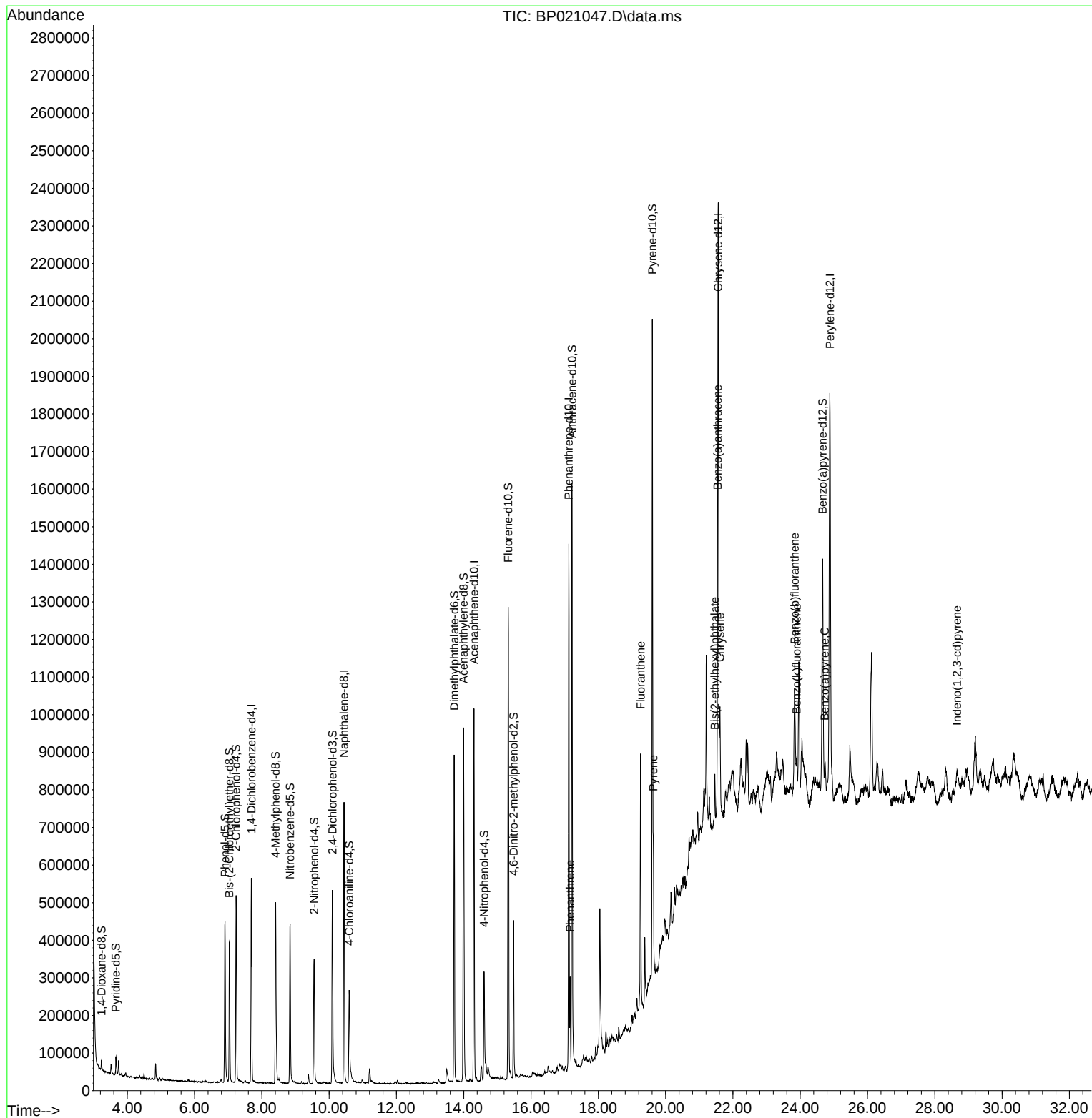
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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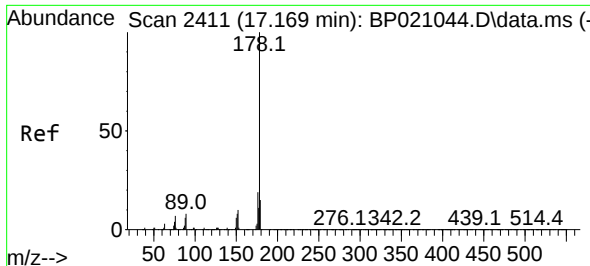
Instrument :
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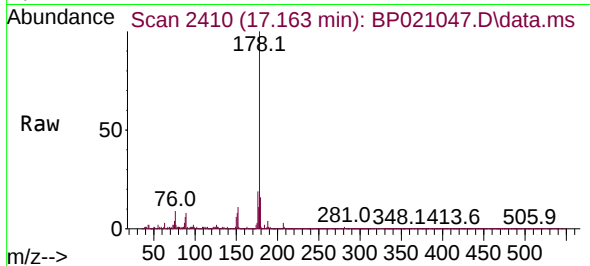
Quant Time: Jul 18 16:35:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 2.996 ng/ul
RT: 17.163 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP021047.D
Acq: 18 Jul 2024 15:27

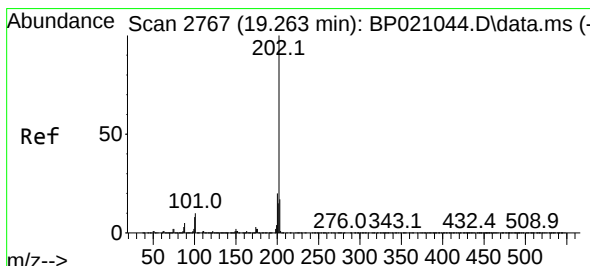
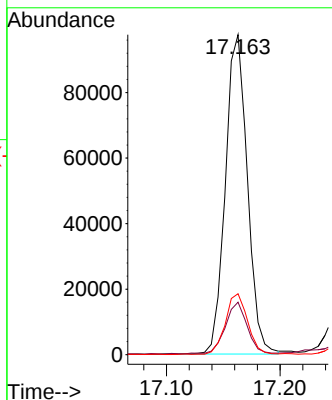
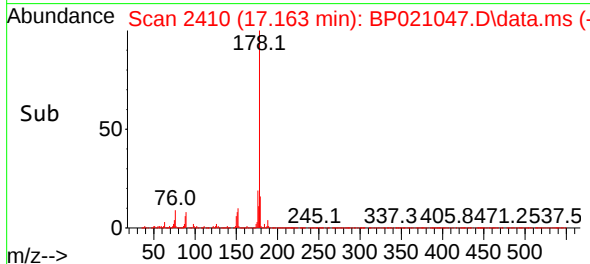
Instrument :
BNA_P
ClientSampleId :
A4BZ3



Tgt Ion:178 Resp: 131060
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 19.0 15.0 22.4

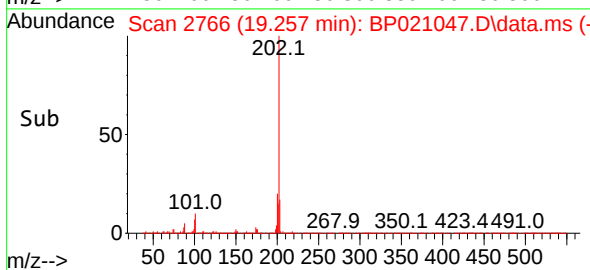
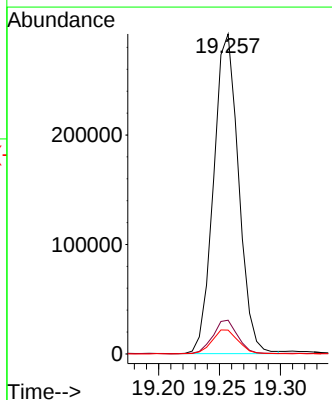
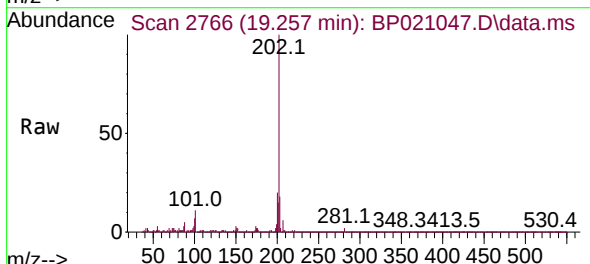
Manual Integrations
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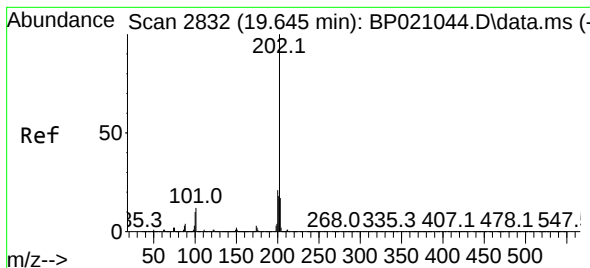
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#80
Fluoranthene
Concen: 6.120 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP021047.D
Acq: 18 Jul 2024 15:27

Tgt Ion:202 Resp: 416727
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 7.5 6.1 9.1





#82

Pyrene

Concen: 3.197 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Instrument :

BNA_P

ClientSampleId :

A4BZ3

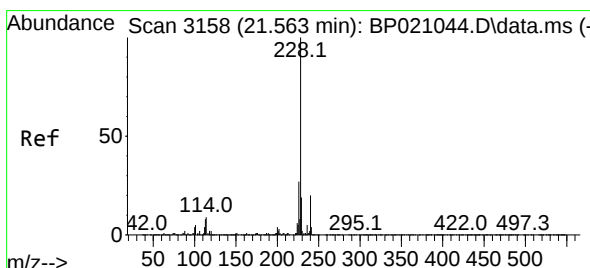
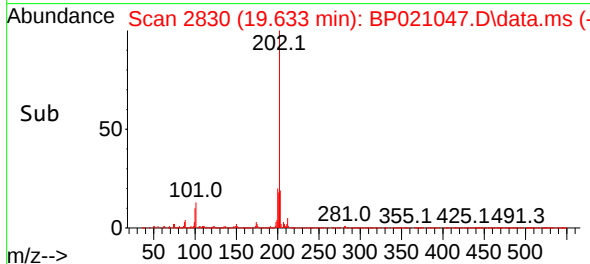
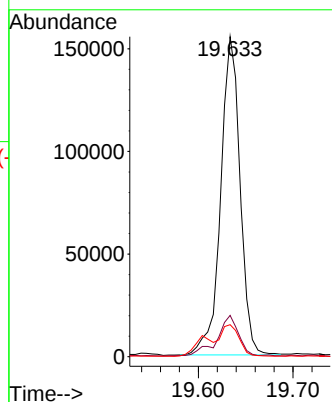
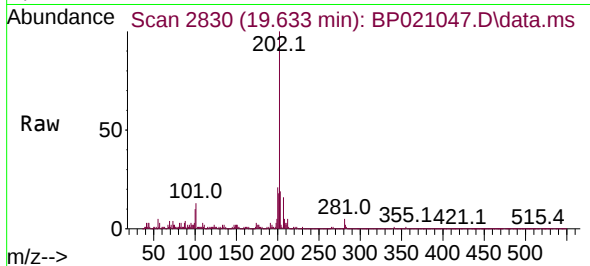
Tgt Ion:202	Resp:	22151
Ion Ratio	Lower	Upper
202	100	
101	12.9	9.4 14.2
100	10.0	7.8 11.6

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#85

Benzo(a)anthracene

Concen: 2.921 ng/ul

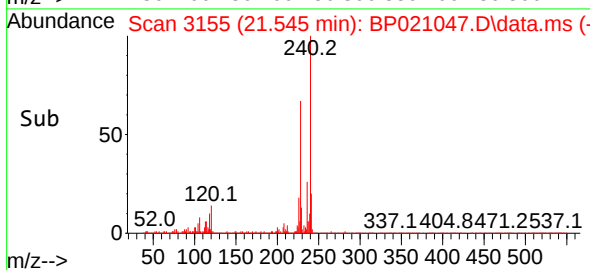
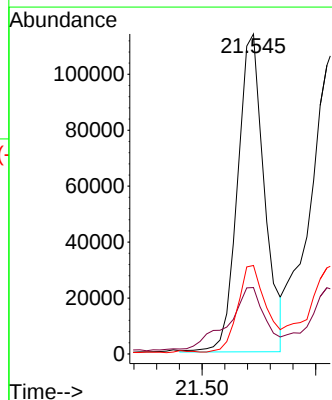
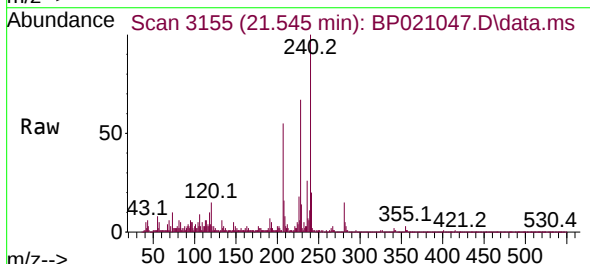
RT: 21.545 min Scan# 3155

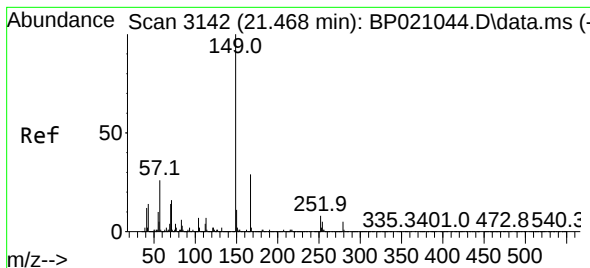
Delta R.T. -0.018 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Tgt Ion:228	Resp:	186619
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.5 23.3
226	27.7	21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.387 ng/ul

RT: 21.463 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Instrument :

BNA_P

ClientSampleId :

A4BZ3

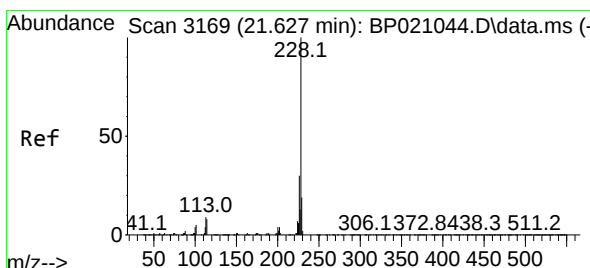
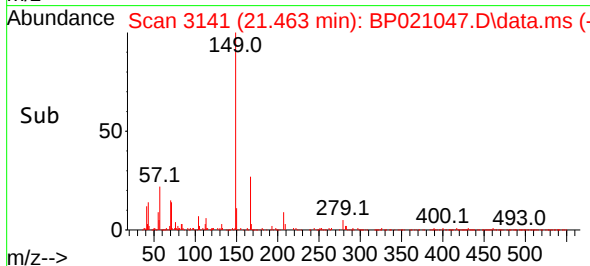
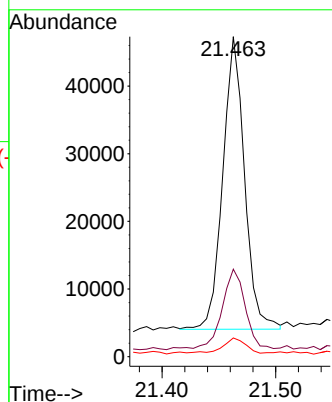
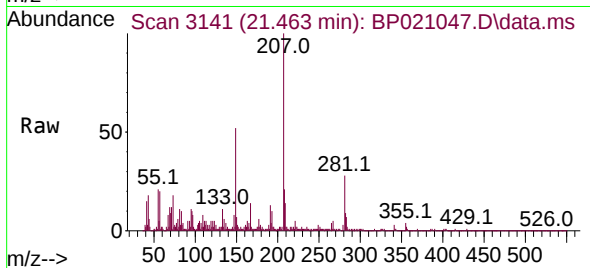
Tgt Ion:	149	Resp:	57634
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.1	33.1
279	5.9	3.7	5.5

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#87

Chrysene

Concen: 3.862 ng/ul

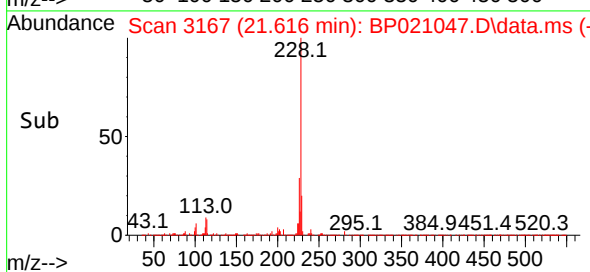
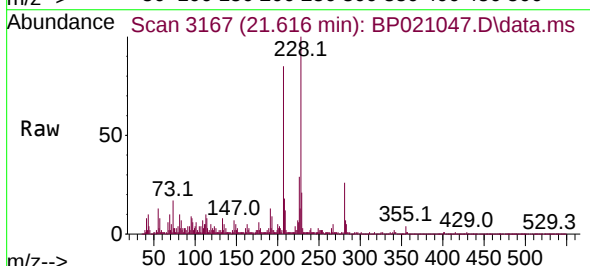
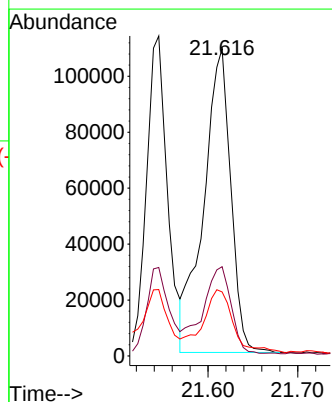
RT: 21.616 min Scan# 3167

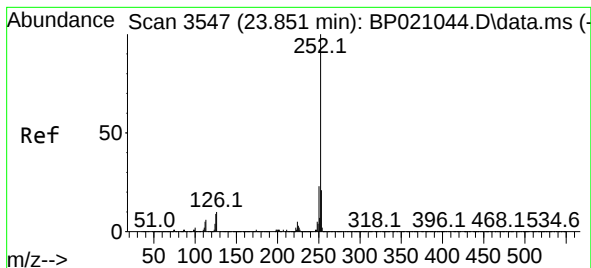
Delta R.T. -0.012 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Tgt Ion:	228	Resp:	229269
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.6	35.4
229	20.8	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 5.077 ng/ul

RT: 23.833 min Scan# 3547

Delta R.T. -0.018 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Instrument :

BNA_P

ClientSampleId :

A4BZ3

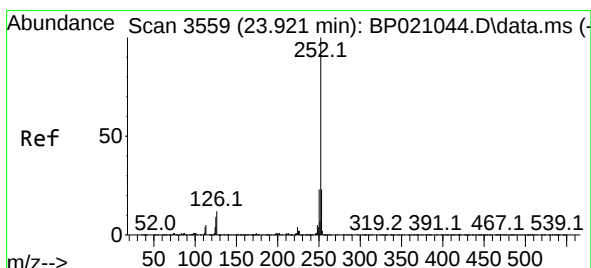
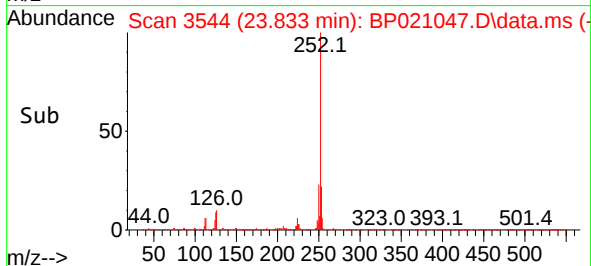
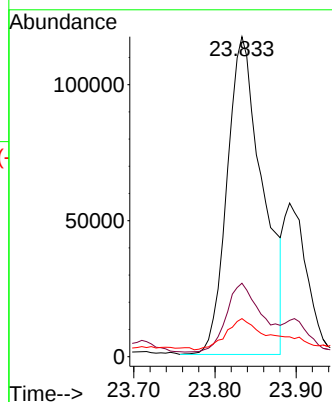
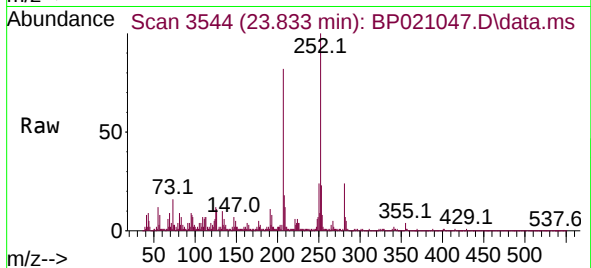
Tgt Ion:252	Resp: 353798
Ion Ratio	Lower Upper
252 100	
253 22.9	17.1 25.7
125 11.9	7.0 10.4

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#91

Benzo(k)fluoranthene

Concen: 1.527 ng/ul

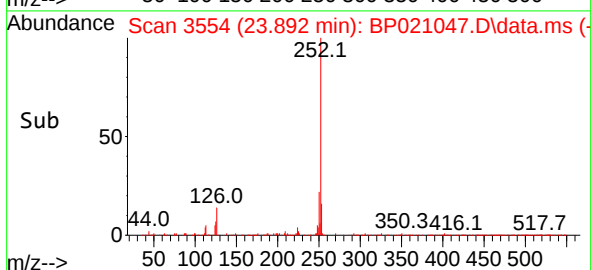
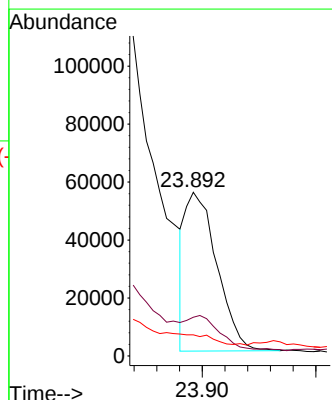
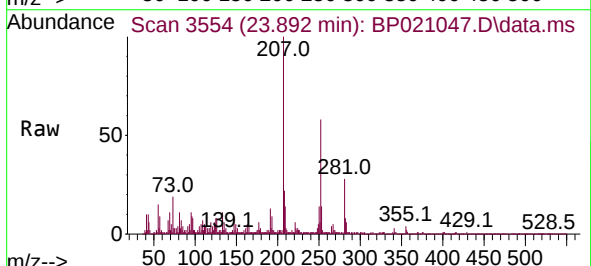
RT: 23.892 min Scan# 3554

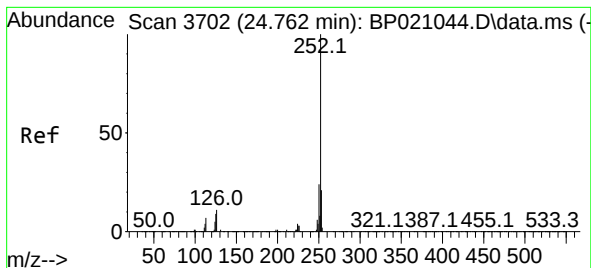
Delta R.T. -0.029 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Tgt Ion:252	Resp: 106200
Ion Ratio	Lower Upper
252 100	
253 23.7	17.4 26.2
125 12.9	7.4 11.0





#93

Benzo(a)pyrene

Concen: 1.190 ng/ul

RT: 24.727 min Scan# 30

Delta R.T. -0.035 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Instrument :

BNA_P

ClientSampleId :

A4BZ3

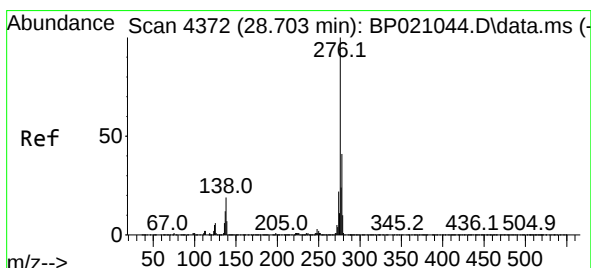
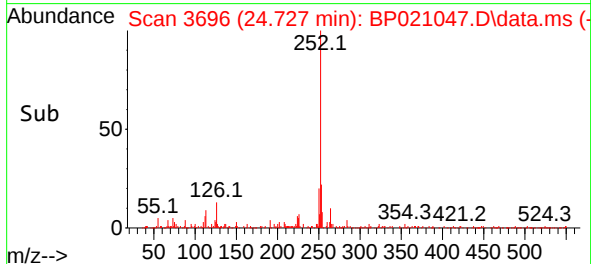
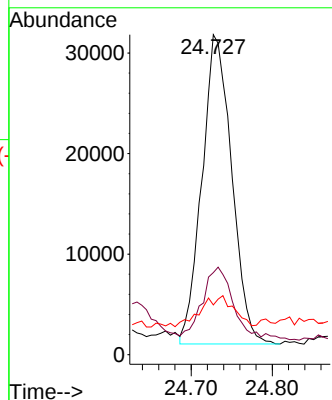
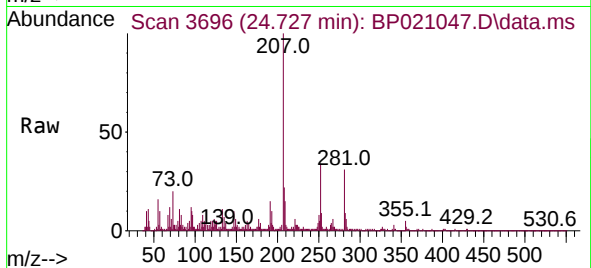
Tgt Ion:	252	Resp:	78330
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.0
125	15.5	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.078 ng/ul m

RT: 28.662 min Scan# 4365

Delta R.T. -0.041 min

Lab File: BP021047.D

Acq: 18 Jul 2024 15:27

Tgt Ion:	276	Resp:	91488
Ion Ratio	Lower	Upper	
276	100		
138	21.3	14.3	21.5
277	26.7	19.2	28.8

