

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021324.D
 Acq On : 02 Aug 2024 17:04
 Operator : CG/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D40

Manual Integrations
 APPROVED

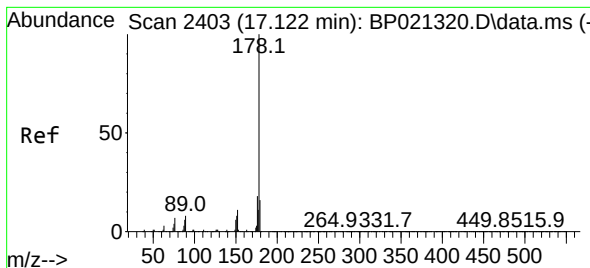
Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 17:40:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	172099	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	696159	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	446042	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.081	188	1006295	20.000	ng/ul	-0.01
79) Chrysene-d12	21.527	240	1043163	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1301219	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	8091	2.139	ng/uL	-0.01
4) Pyridine-d5	3.628	84	10487m	0.958	ng/ul	0.04
7) Phenol-d5	6.858	99	177352	12.640	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	104755	12.320	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	149560	12.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	143015	12.273	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	65438	12.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	78847	12.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	135450m	12.104	ng/ul	0.02
31) 4-Chloroaniline-d4	10.593	131	39171m	2.642	ng/ul	0.04
46) Dimethylphthalate-d6	13.675	166	432438	13.337	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	491537	13.501	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.616	143	64507m	13.983	ng/ul	0.03
60) Fluorene-d10	15.275	176	398733	14.989	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	49259	8.090	ng/ul	0.00
73) Anthracene-d10	17.186	188	654516	14.644	ng/ul	0.00
81) Pyrene-d10	19.575	212	808725	12.540	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	763783	11.901	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.122	178	451764	8.654	ng/ul	100
74) Anthracene	17.222	178	88433	1.662	ng/ul	99
77) Carbazole	17.533	167	56420	1.297	ng/ul#	96
80) Fluoranthene	19.227	202	1182939	15.188	ng/ul	99
82) Pyrene	19.604	202	970639	12.247	ng/ul	99
85) Benzo(a)anthracene	21.510	228	549725	7.523	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	338389	7.121	ng/ul	100
87) Chrysene	21.580	228	691029	10.177	ng/ul	98
90) Benzo(b)fluoranthene	23.774	252	995065	12.601	ng/ul	96
91) Benzo(k)fluoranthene	23.833	252	370138m	4.697	ng/ul	
93) Benzo(a)pyrene	24.657	252	447197	5.993	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.580	276	458352	4.767	ng/ul	99
95) Dibenzo(a,h)anthracene	28.598	278	155850m	1.957	ng/ul	
96) Benzo(g,h,i)perylene	29.745	276	81539m	1.041	ng/ul	

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



#72

Phenanthrene

Concen: 8.654 ng/ul

RT: 17.122 min Scan# 2403

Delta R.T. -0.011 min

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A4D40

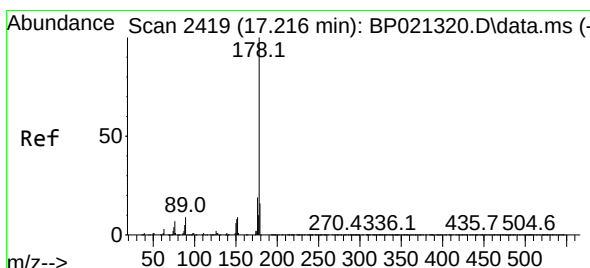
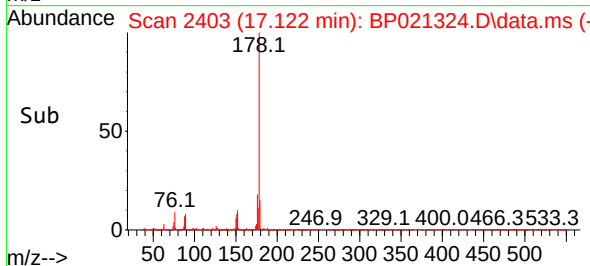
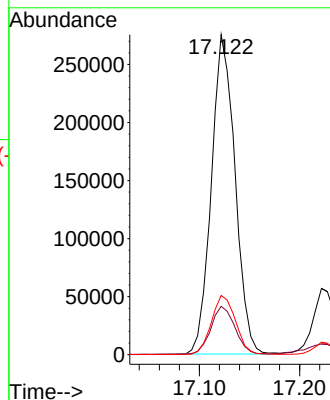
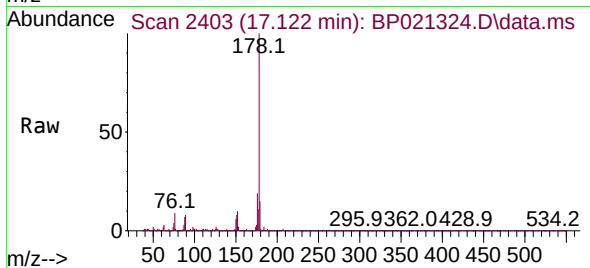
Tgt Ion:178	Resp:	451764
Ion Ratio	Lower	Upper
178	100	
179	15.1	12.2 18.4
176	18.5	15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#74

Anthracene

Concen: 1.662 ng/ul

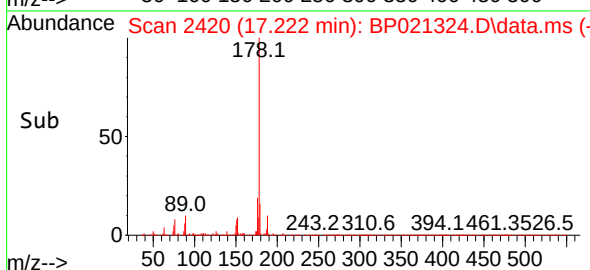
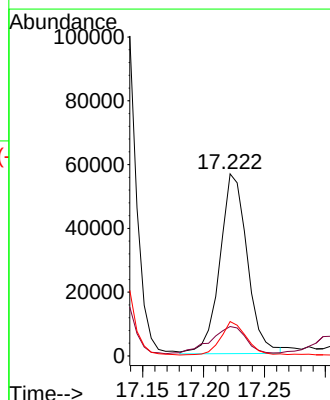
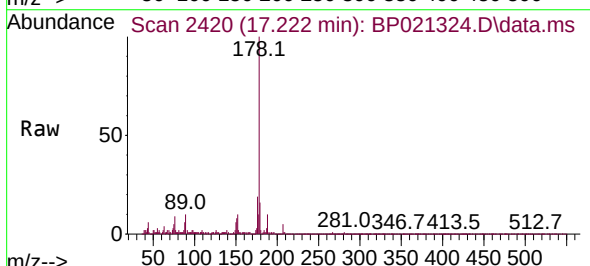
RT: 17.222 min Scan# 2420

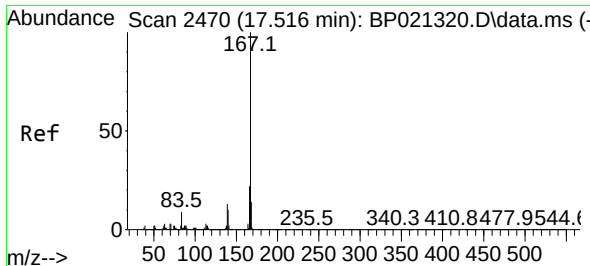
Delta R.T. -0.011 min

Lab File: BP021324.D

Acq: 02 Aug 2024 17:04

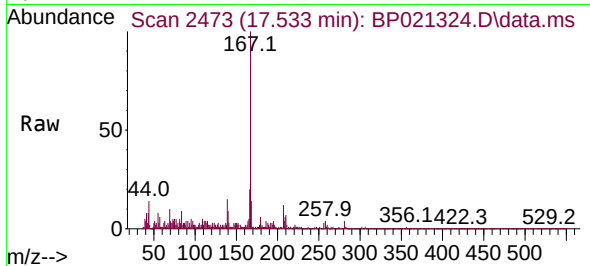
Tgt Ion:178	Resp:	88433
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.5 18.7
176	18.9	14.8 22.2





#77
 Carbazole
 Concen: 1.297 ng/ul
 RT: 17.533 min Scan# 2470
 Delta R.T. 0.012 min
 Lab File: BP021324.D
 Acq: 02 Aug 2024 17:04

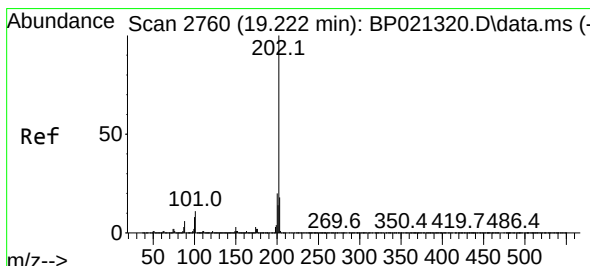
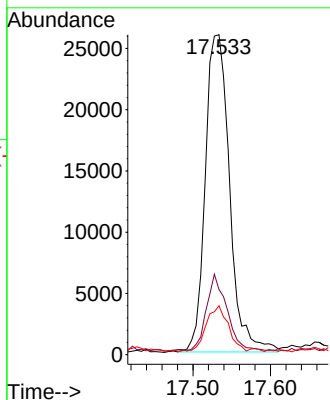
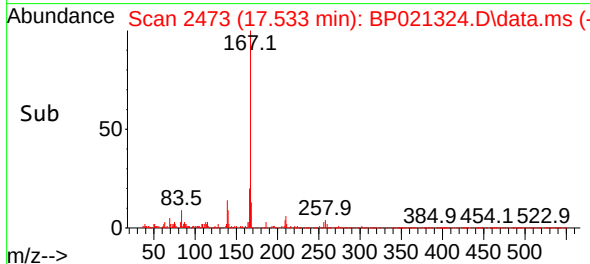
Instrument :
 BNA_P
 ClientSampleId :
 A4D40



Tgt Ion:167 Resp: 56420
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.3 25.9
 139 15.3 10.2 15.2

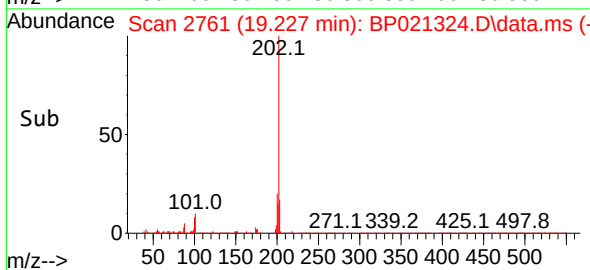
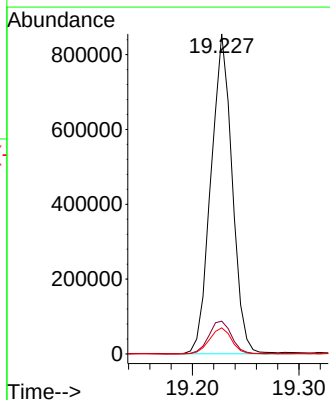
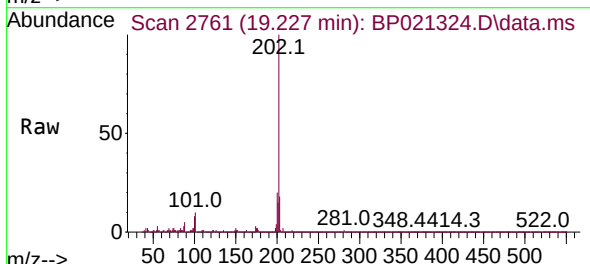
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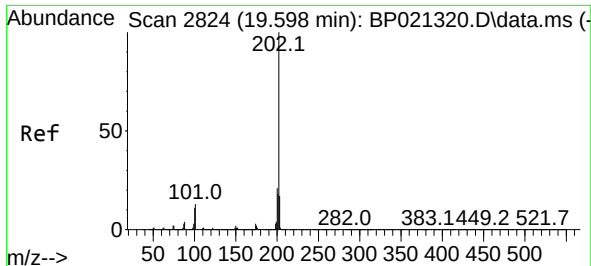
Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024



#80
 Fluoranthene
 Concen: 15.188 ng/ul
 RT: 19.227 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BP021324.D
 Acq: 02 Aug 2024 17:04

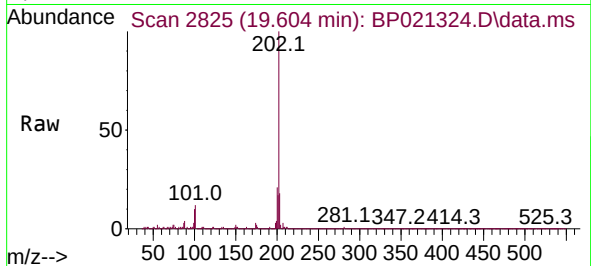
Tgt Ion:202 Resp: 1182939
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.0 12.0
 100 8.1 6.1 9.1





#82
Pyrene
Concen: 12.247 ng/ul
RT: 19.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021324.D
Acq: 02 Aug 2024 17:04

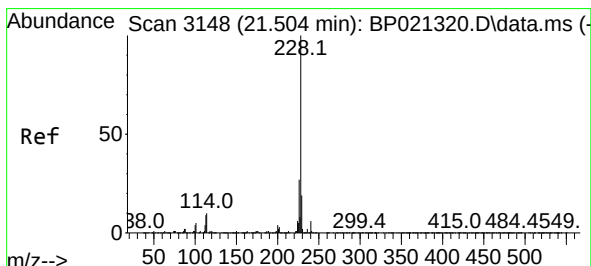
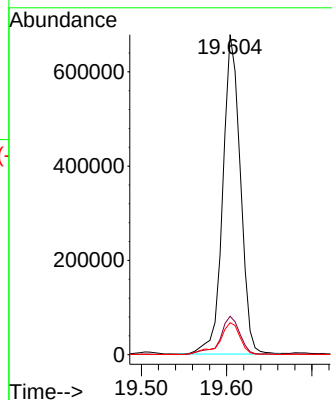
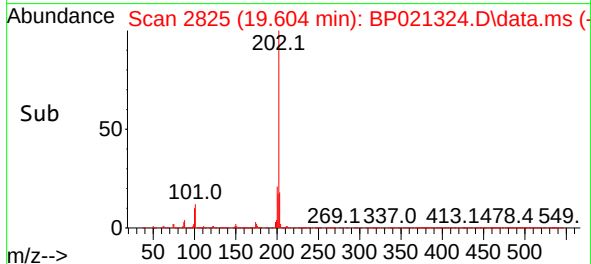
Instrument :
BNA_P
ClientSampleId :
A4D40



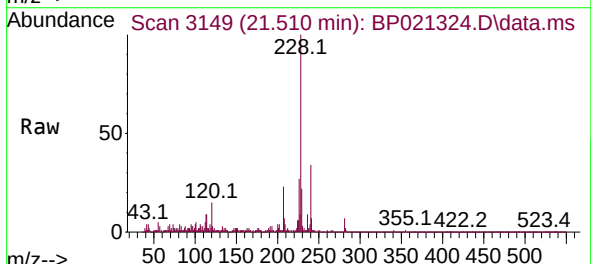
Tgt Ion:202 Resp: 970639
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.0 7.8 11.6

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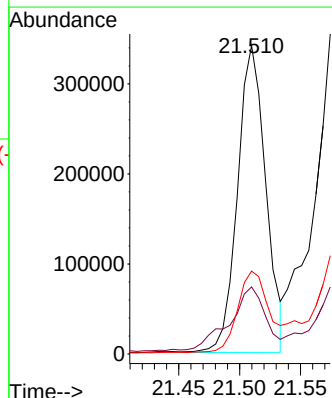
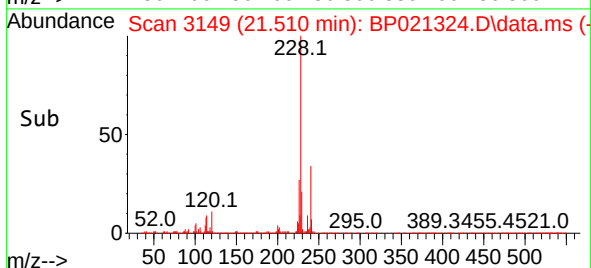
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

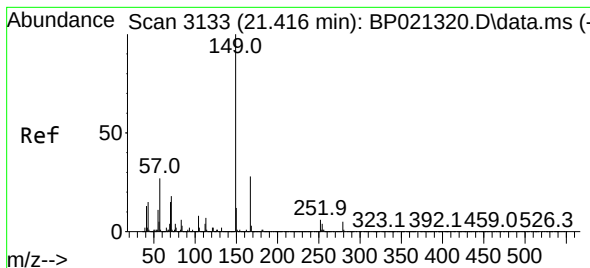


#85
Benzo(a)anthracene
Concen: 7.523 ng/ul
RT: 21.510 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BP021324.D
Acq: 02 Aug 2024 17:04



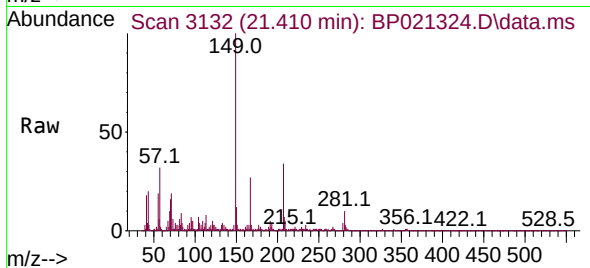
Tgt Ion:228 Resp: 549725
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 26.9 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.121 ng/ul
RT: 21.410 min Scan# 3133
Delta R.T. -0.011 min
Lab File: BP021324.D
Acq: 02 Aug 2024 17:04

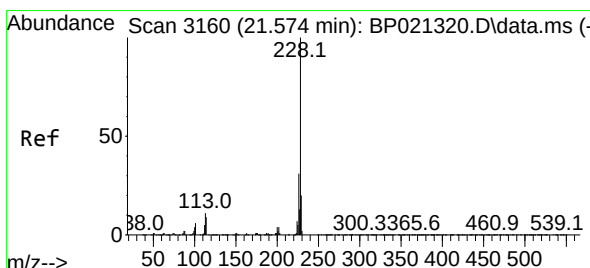
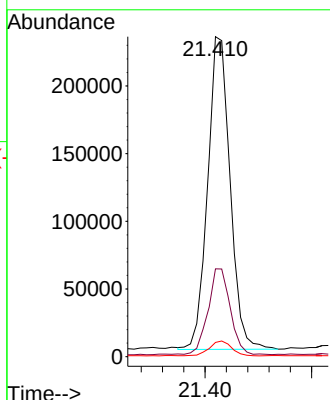
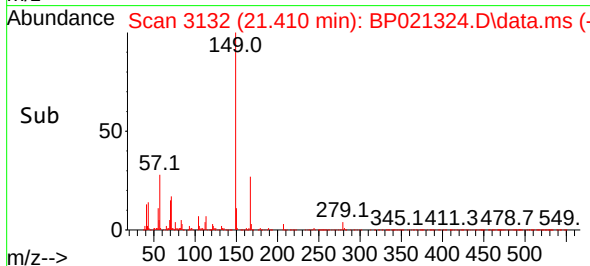
Instrument :
BNA_P
ClientSampleId :
A4D40



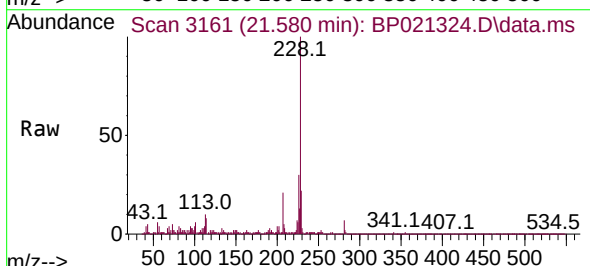
Tgt Ion:149 Resp: 338389
Ion Ratio Lower Upper
149 100
167 27.5 22.1 33.1
279 4.4 3.7 5.5

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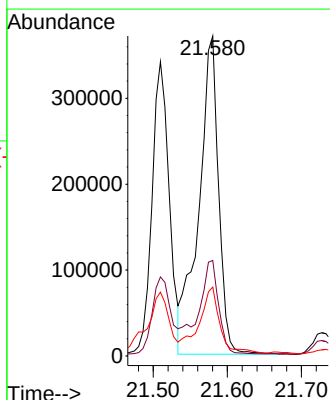
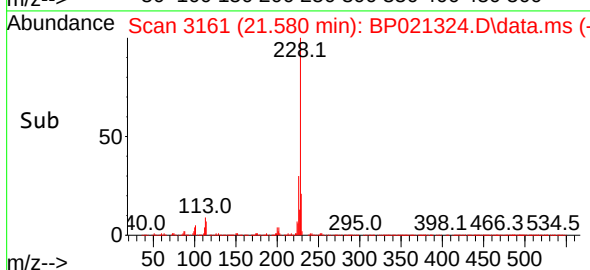
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

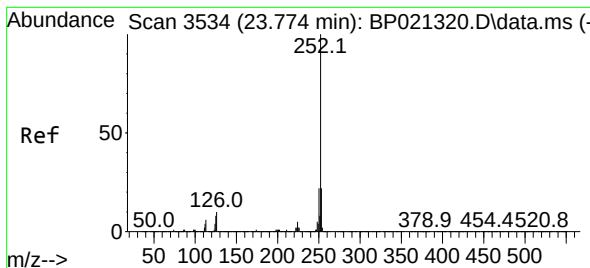


#87
Chrysene
Concen: 10.177 ng/ul
RT: 21.580 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP021324.D
Acq: 02 Aug 2024 17:04



Tgt Ion:228 Resp: 691029
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 12.601 ng/ul

RT: 23.774 min Scan# 3534

Delta R.T. -0.011 min

Lab File: BP021324.D

Acq: 02 Aug 2024 17:04

Instrument :

BNA_P

ClientSampleId :

A4D40

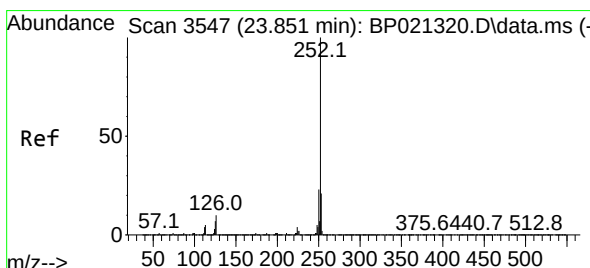
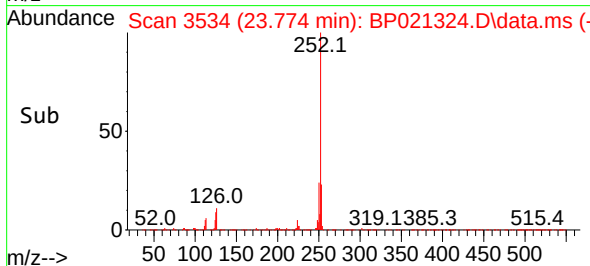
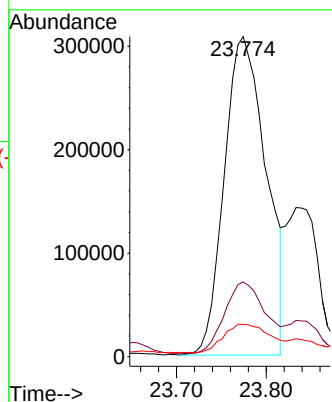
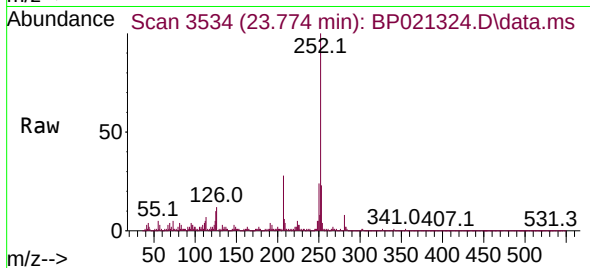
Tgt Ion:	252	Resp:	99506
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	10.1	7.0	10.4

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#91

Benzo(k)fluoranthene

Concen: 4.697 ng/ul m

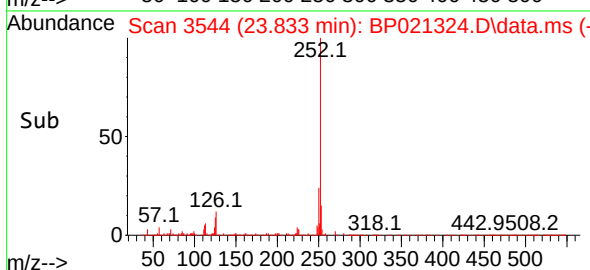
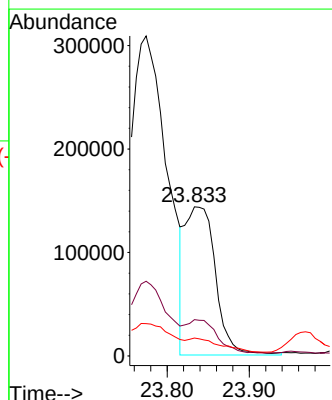
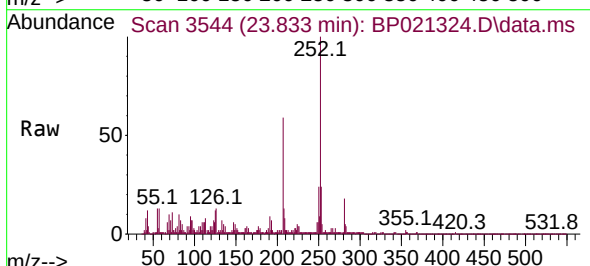
RT: 23.833 min Scan# 3544

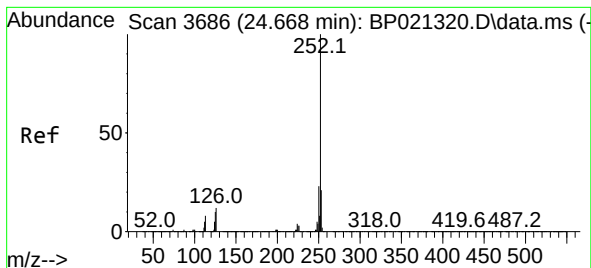
Delta R.T. -0.017 min

Lab File: BP021324.D

Acq: 02 Aug 2024 17:04

Tgt Ion:	252	Resp:	370138
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.2
125	12.0	7.4	11.0





#93

Benzo(a)pyrene

Concen: 5.993 ng/u1

RT: 24.657 min Scan# 30

Delta R.T. -0.023 min

Lab File: BP021324.D

Acq: 02 Aug 2024 17:04

Instrument :

BNA_P

ClientSampleId :

A4D40

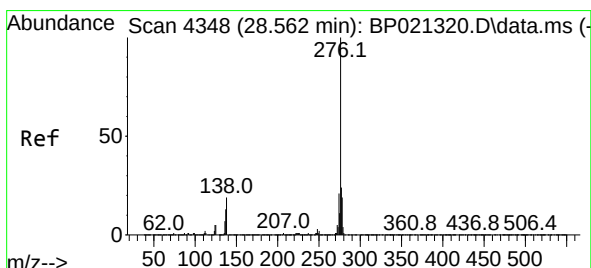
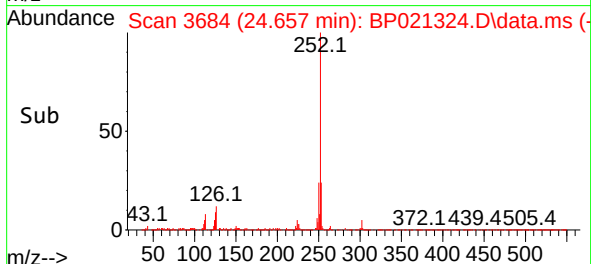
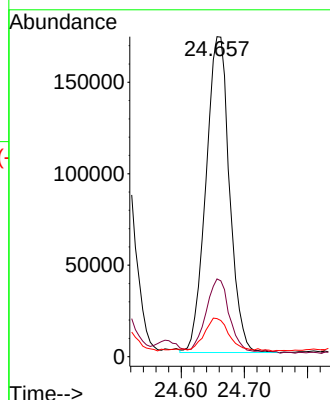
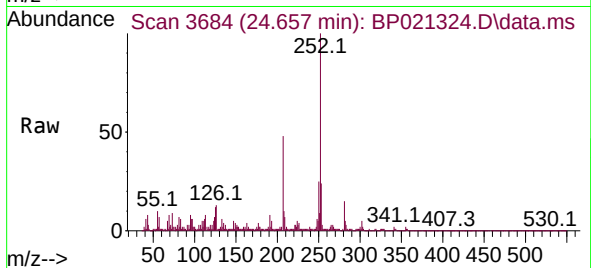
Tgt Ion:	252	Resp:	44719
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	11.9	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.767 ng/u1

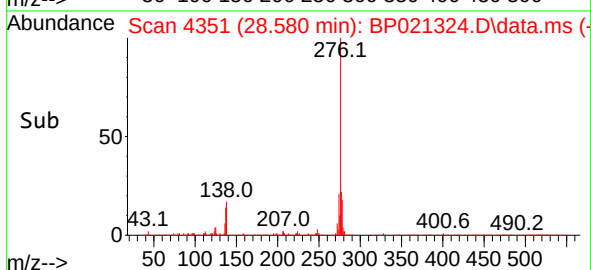
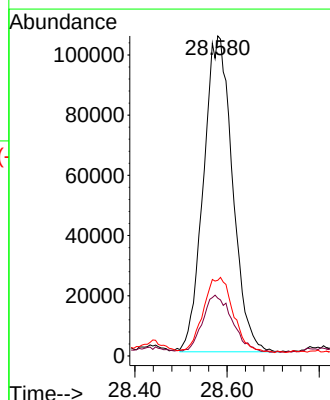
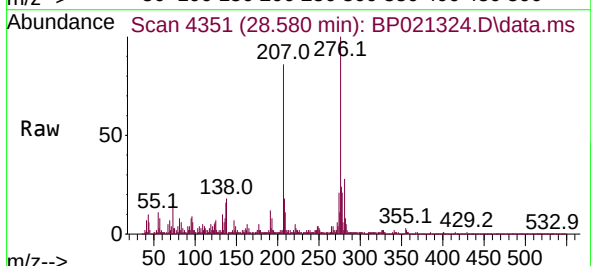
RT: 28.580 min Scan# 4351

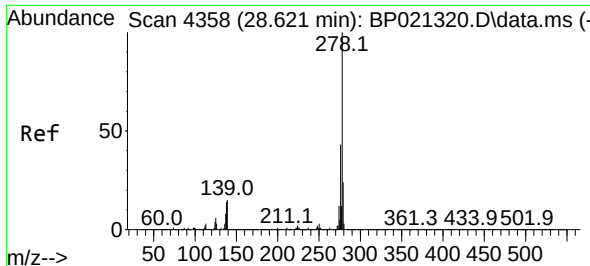
Delta R.T. -0.017 min

Lab File: BP021324.D

Acq: 02 Aug 2024 17:04

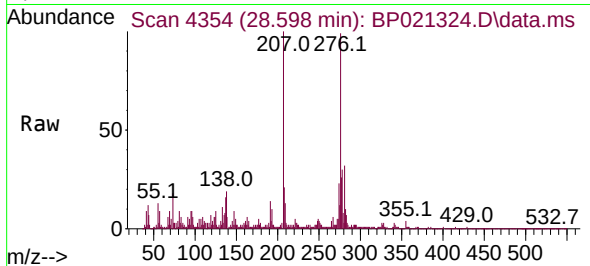
Tgt Ion:	276	Resp:	458352
Ion Ratio	Lower	Upper	
276	100		
138	18.0	14.3	21.5
277	23.7	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.957 ng/ul m
 RT: 28.598 min Scan# 4358
 Delta R.T. -0.041 min
 Lab File: BP021324.D
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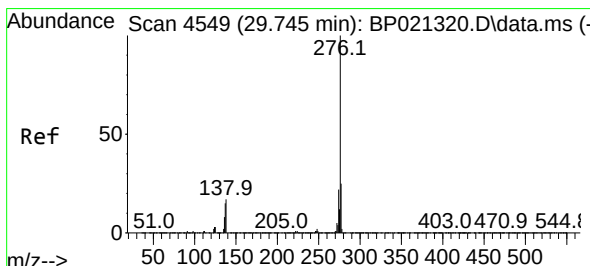
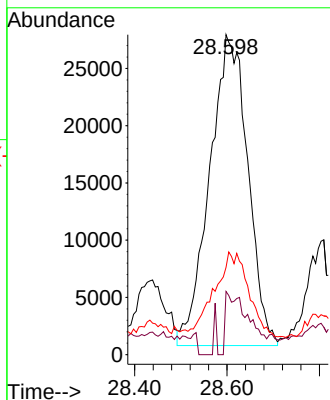
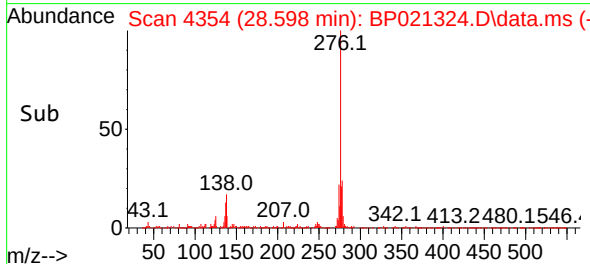
Instrument :
 BNA_P
 ClientSampleId :
 A4D40



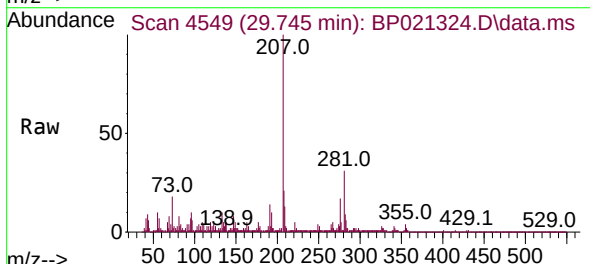
Tgt Ion: 278 Resp: 155850
 Ion Ratio Lower Upper
 278 100
 139 19.7 10.9 16.3#
 279 27.3 19.4 29.0#

Manual Integrations
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Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024



#96
 Benzo(g,h,i)perylene
 Concen: 1.041 ng/ul m
 RT: 29.745 min Scan# 4549
 Delta R.T. -0.017 min
 Lab File: BP021324.D
 Acq: 02 Aug 2024 17:04



Tgt Ion: 276 Resp: 81539
 Ion Ratio Lower Upper
 276 100
 138 26.3 15.3 22.9#
 277 29.9 18.2 27.2#

