

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021325.D
 Acq On : 02 Aug 2024 17:50
 Operator : CG/JU
 Sample : P3265-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D41

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 23:49:58 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	7.616	152	188437	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	779420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	507444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1128314	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1178053	20.000	ng/u1	0.00
88) Perylene-d12	24.816	264	1442732	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	11575	2.795	ng/uL	-0.01
4) Pyridine-d5	3.611	84	19815m	1.653	ng/u1	0.02
7) Phenol-d5	6.846	99	228876	14.898	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	135667	14.572	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	194364	15.356	ng/u1	-0.01
15) 4-Methylphenol-d8	8.363	113	192567	15.092	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	88926m	14.689	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	103317	14.911	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	187002	14.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	147715	8.899	ng/u1	0.01
46) Dimethylphthalate-d6	13.675	166	607854	16.478	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	695125	16.782	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	84430m	16.087	ng/u1	0.02
60) Fluorene-d10	15.281	176	544817	18.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	75823	11.107	ng/u1	0.00
73) Anthracene-d10	17.187	188	900273	17.964	ng/u1	0.00
81) Pyrene-d10	19.569	212	1133715	15.566	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1067688	15.005	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.328	153	31251	1.004	ng/u1	97
61) Fluorene	15.340	166	38094	1.095	ng/u1	99
72) Phenanthrene	17.128	178	796727	13.612	ng/u1	99
74) Anthracene	17.228	178	172780	2.896	ng/u1	99
77) Carbazole	17.522	167	94624	1.940	ng/u1	98
80) Fluoranthene	19.222	202	1577367	17.934	ng/u1	99
82) Pyrene	19.598	202	1228971	13.731	ng/u1	98
83) Butylbenzylphthalate	20.539	149	131607	3.529	ng/u1	94
85) Benzo(a)anthracene	21.510	228	720016	8.725	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	207525	3.867	ng/u1	99
87) Chrysene	21.575	228	770474	10.048	ng/u1	97
90) Benzo(b)fluoranthene	23.786	252	1015435	11.598	ng/u1	98
91) Benzo(k)fluoranthene	23.839	252	409324m	4.685	ng/u1	
93) Benzo(a)pyrene	24.668	252	494992	5.983	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.574	276	440151	4.129	ng/u1	99
95) Dibenzo(a,h)anthracene	28.627	278	147324m	1.669	ng/u1	

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

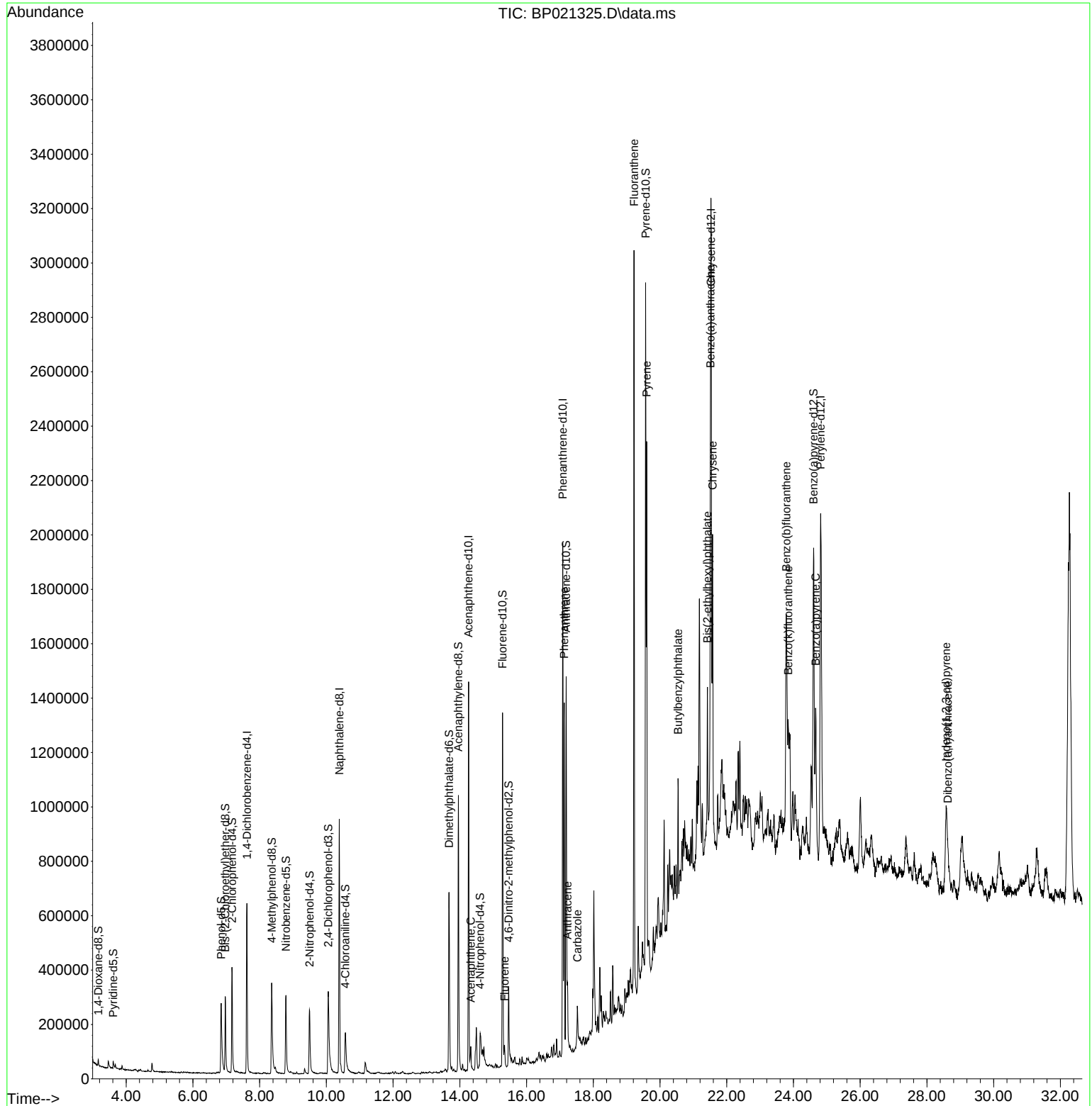
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021325.D
 Acq On : 02 Aug 2024 17:50
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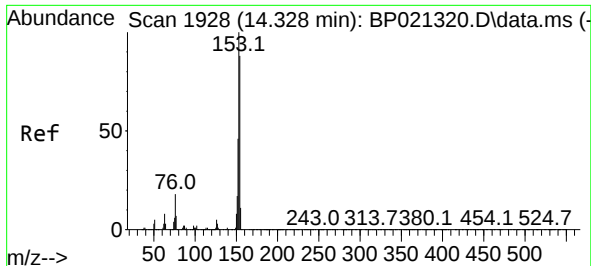
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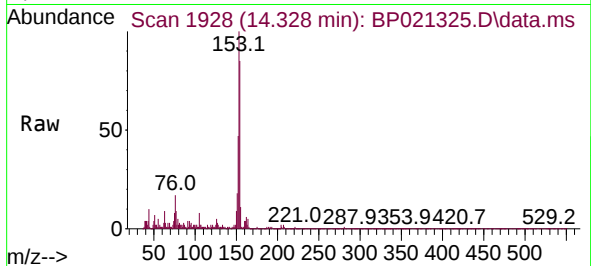
Quant Time: Aug 02 23:49:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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#52
Acenaphthene
Concen: 1.004 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50

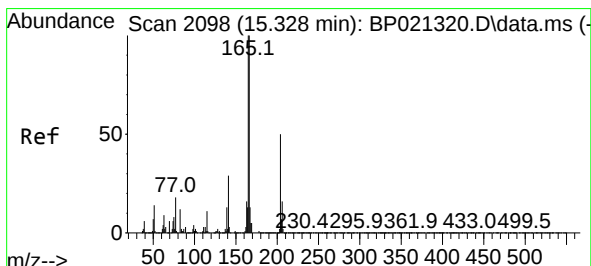
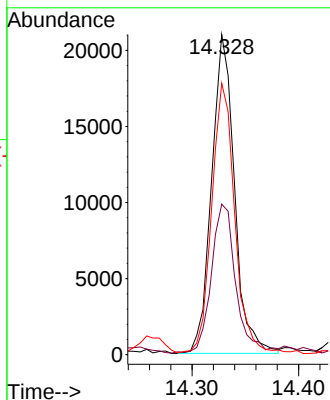
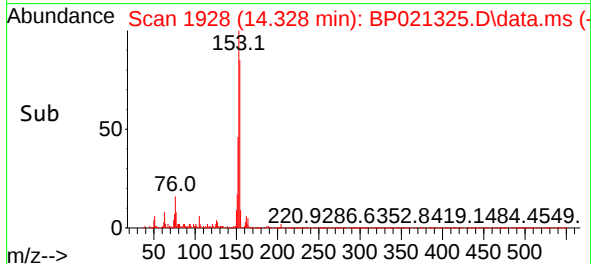
Instrument :
BNA_P
ClientSampleId :
A4D41



Tgt Ion:153 Resp: 3125
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 84.9 71.8 107.6

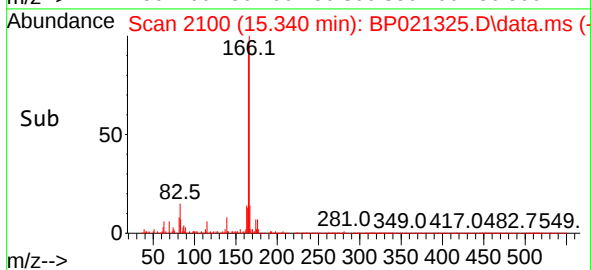
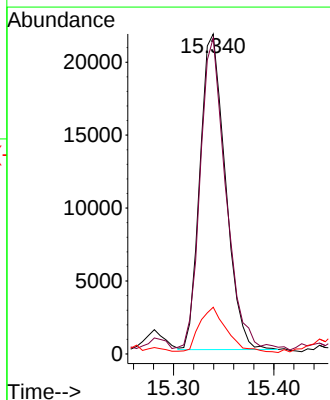
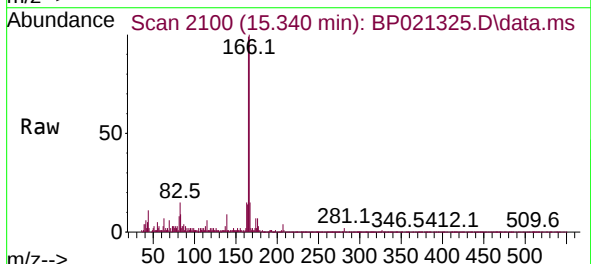
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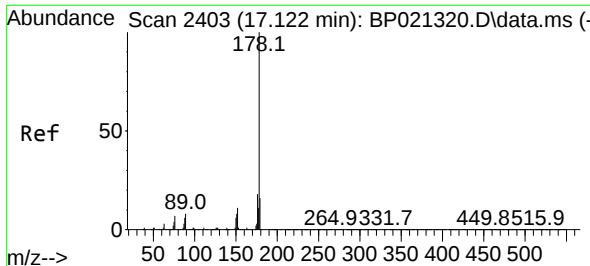
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#61
Fluorene
Concen: 1.095 ng/ul
RT: 15.340 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50

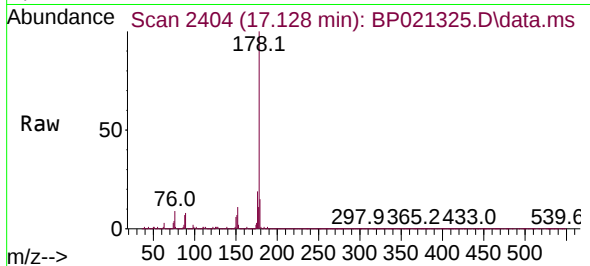
Tgt Ion:166 Resp: 38094
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 14.6 10.9 16.3





#72
Phenanthrene
Concen: 13.612 ng/ul
RT: 17.128 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50

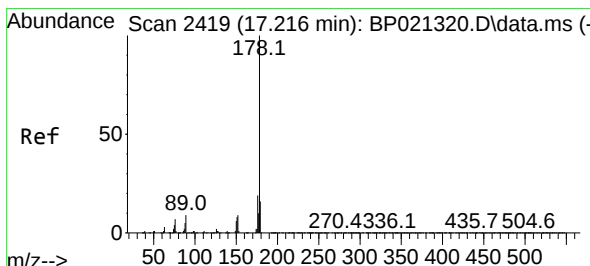
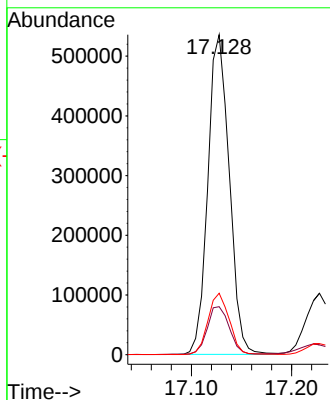
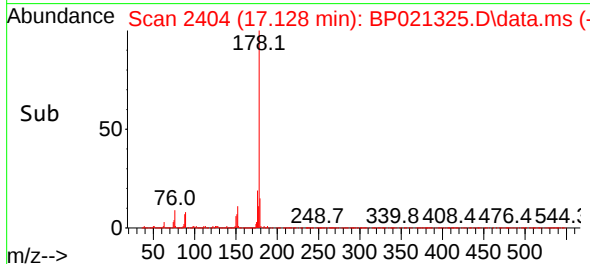
Instrument :
BNA_P
ClientSampleId :
A4D41



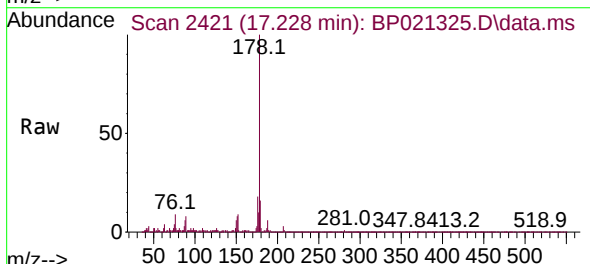
Tgt Ion:178 Resp: 79672
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 19.2 15.0 22.4

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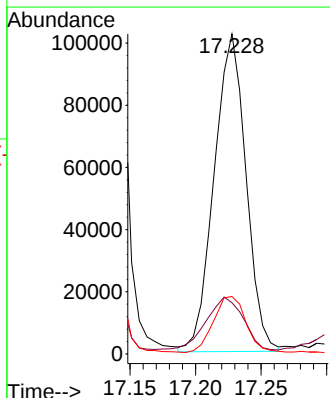
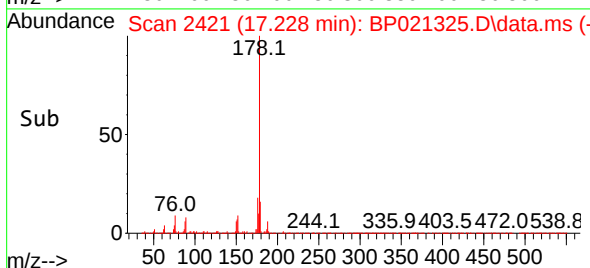
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

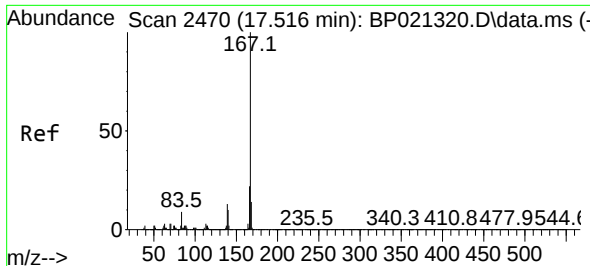


#74
Anthracene
Concen: 2.896 ng/ul
RT: 17.228 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50



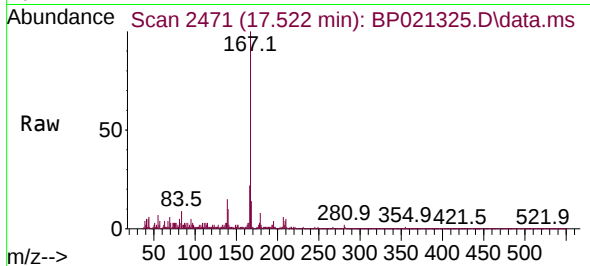
Tgt Ion:178 Resp: 172780
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.0 14.8 22.2





#77
Carbazole
Concen: 1.940 ng/ul
RT: 17.522 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50

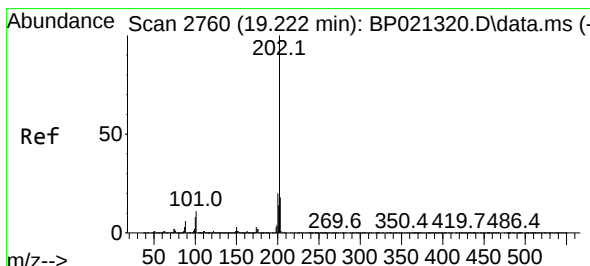
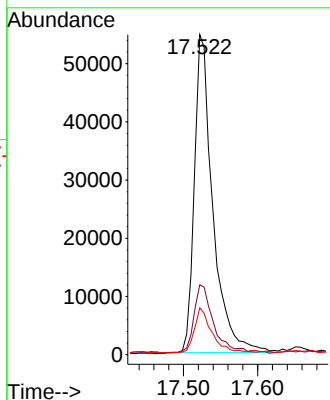
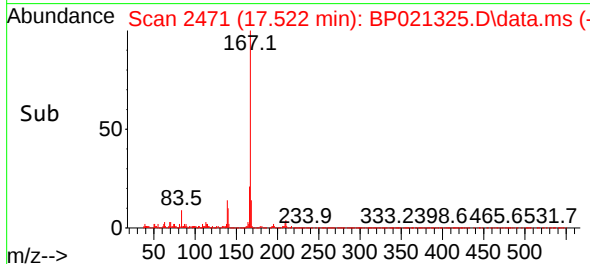
Instrument :
BNA_P
ClientSampleId :
A4D41



Tgt Ion:167 Resp: 94624
Ion Ratio Lower Upper
167 100
166 21.9 17.3 25.9
139 14.6 10.2 15.2

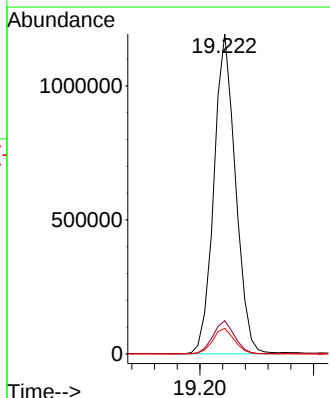
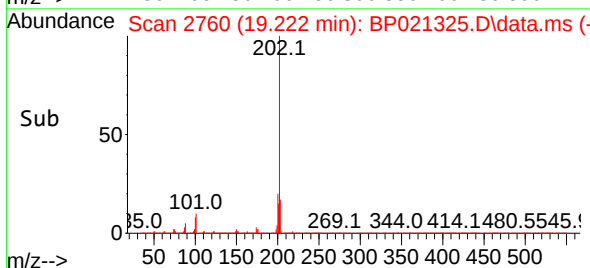
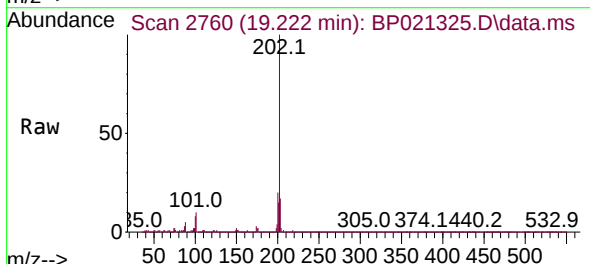
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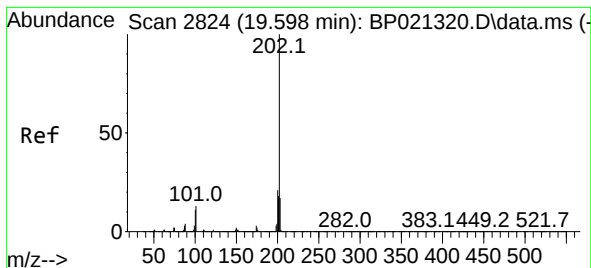
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#80
Fluoranthene
Concen: 17.934 ng/ul
RT: 19.222 min Scan# 2760
Delta R.T. -0.011 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50

Tgt Ion:202 Resp: 1577367
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 8.0 6.1 9.1





#82

Pyrene

Concen: 13.731 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.011 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

Instrument :

BNA_P

ClientSampleId :

A4D41

Tgt Ion:202 Resp: 122897

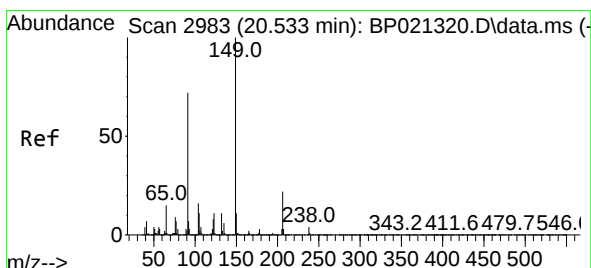
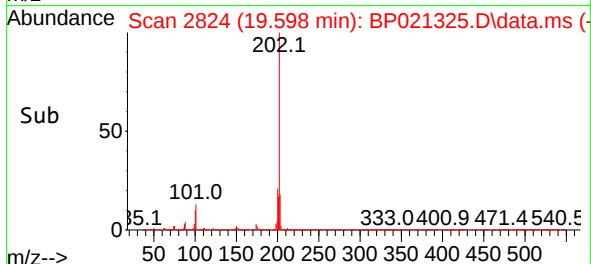
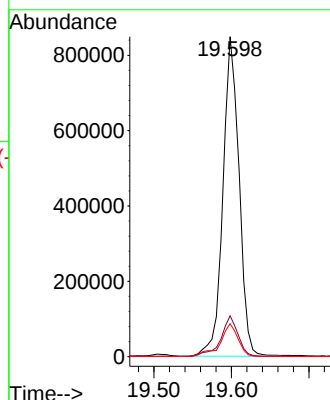
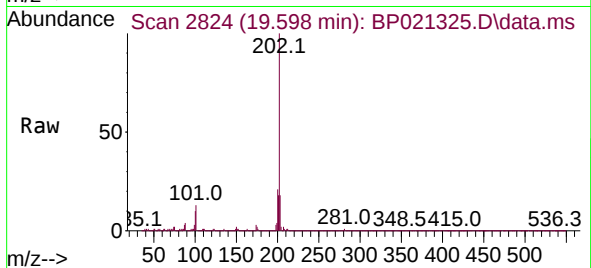
Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.4	14.2
100	10.3	7.8	11.6

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 3.529 ng/ul

RT: 20.539 min Scan# 2984

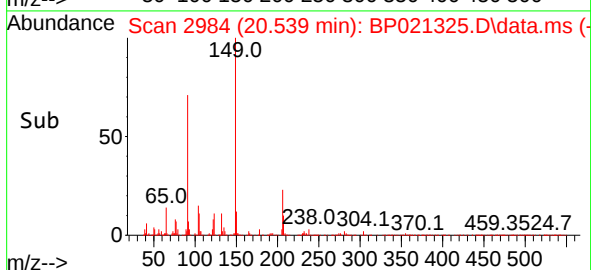
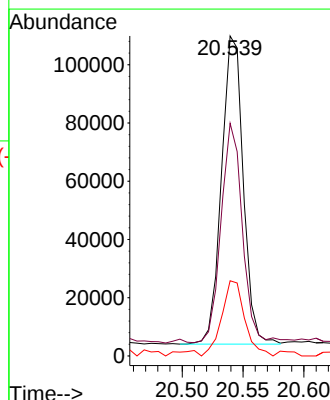
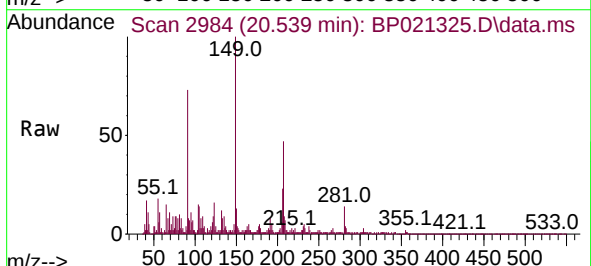
Delta R.T. -0.011 min

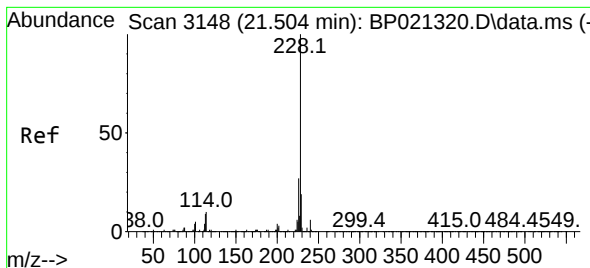
Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

Tgt Ion:149 Resp: 131607

Ion	Ratio	Lower	Upper
149	100		
91	72.7	54.1	81.1
206	23.5	17.0	25.6





#85

Benzo(a)anthracene

Concen: 8.725 ng/ul

RT: 21.510 min Scan# 3148

Delta R.T. 0.000 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

Instrument :

BNA_P

ClientSampleId :

A4D41

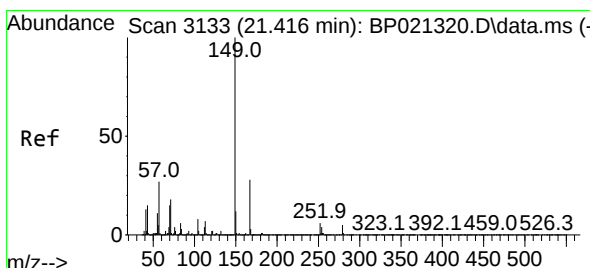
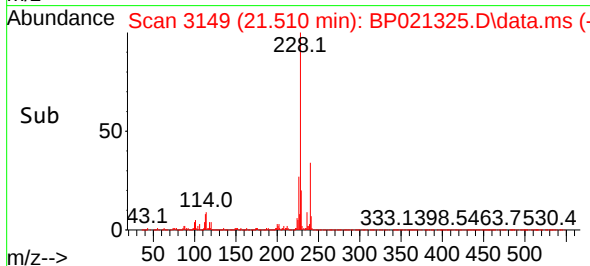
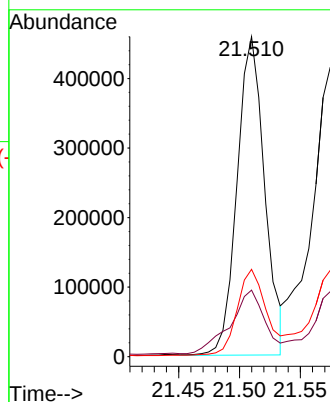
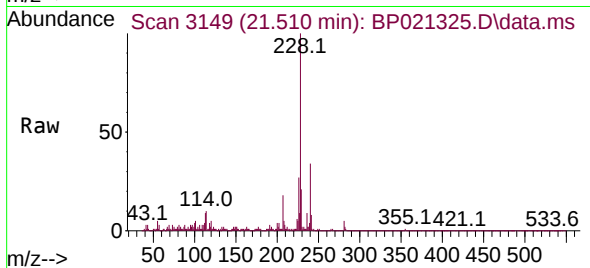
Tgt Ion:228 Resp: 720010
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.5 23.3
 226 27.3 21.4 32.2

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.867 ng/ul

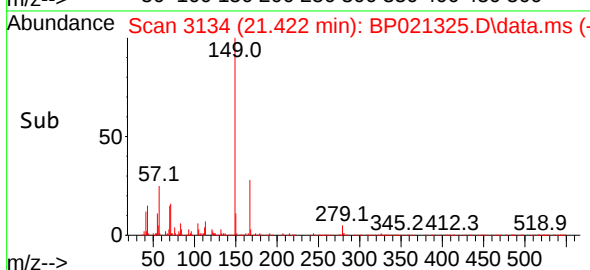
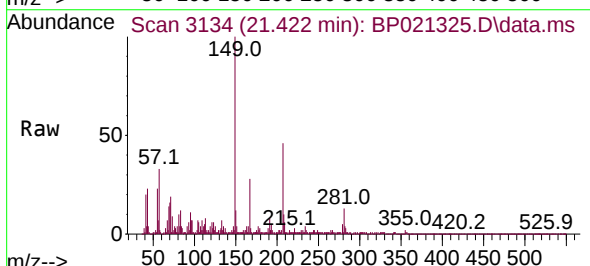
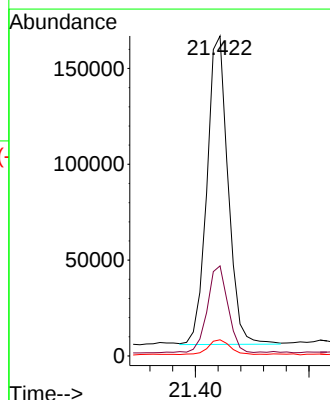
RT: 21.422 min Scan# 3134

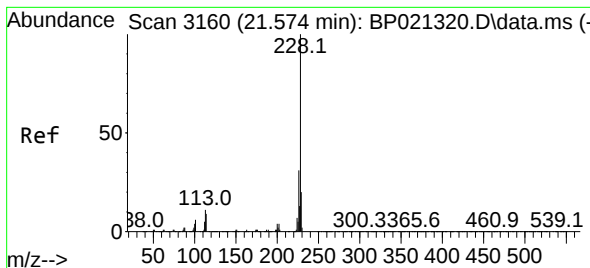
Delta R.T. 0.000 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

Tgt Ion:149 Resp: 207525
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.1 33.1
 279 5.0 3.7 5.5





#87

Chrysene

Concen: 10.048 ng/ul

RT: 21.575 min Scan# 3160

Delta R.T. -0.011 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

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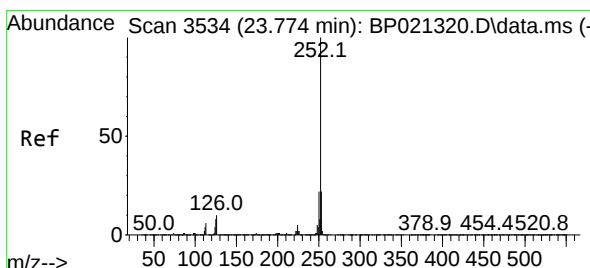
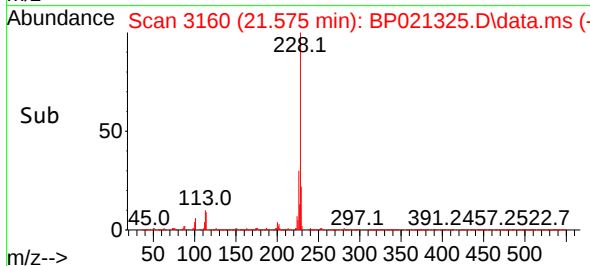
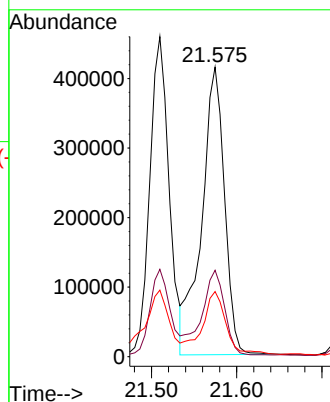
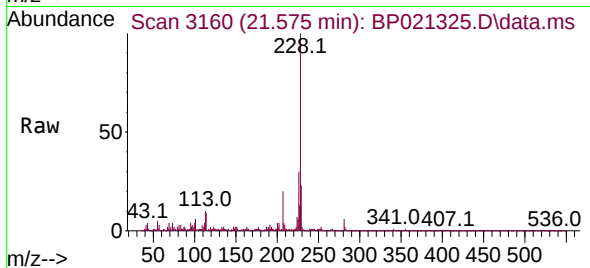
Tgt Ion:228	Resp: 770474
Ion Ratio	Lower Upper
228 100	
226 29.8	23.6 35.4
229 22.5	15.5 23.3

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Supervised By :mohammad ahmed 08/05/2024



#90

Benzo(b)fluoranthene

Concen: 11.598 ng/ul

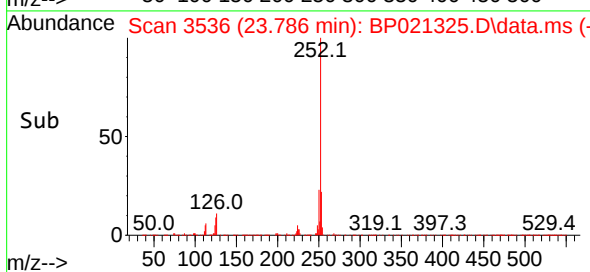
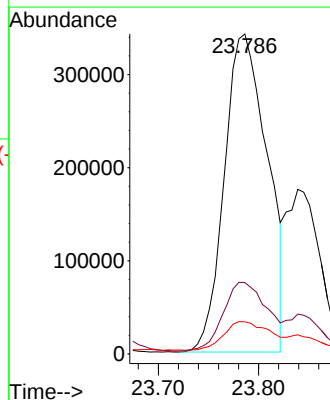
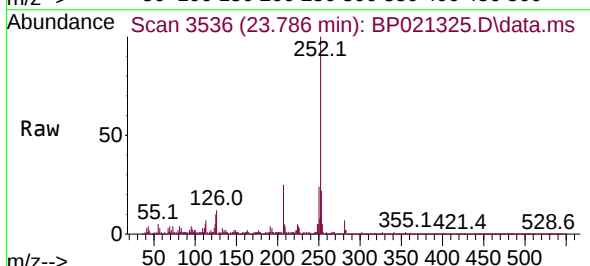
RT: 23.786 min Scan# 3536

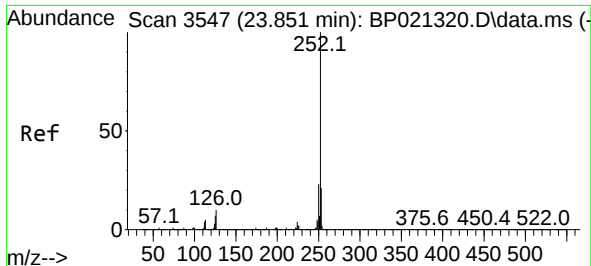
Delta R.T. 0.000 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

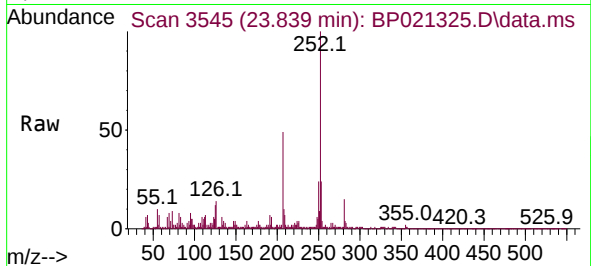
Tgt Ion:252	Resp: 1015435
Ion Ratio	Lower Upper
252 100	
253 22.3	17.1 25.7
125 10.1	7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 4.685 ng/ul m
RT: 23.839 min Scan# 3545
Delta R.T. -0.011 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50

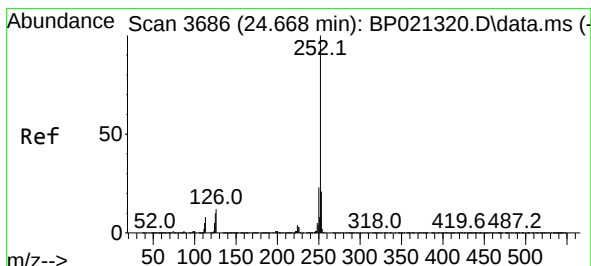
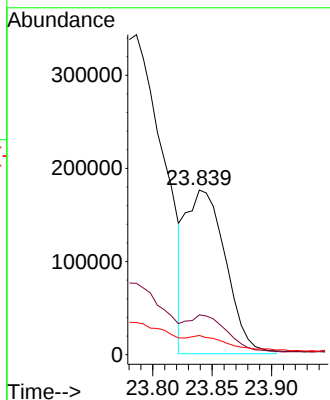
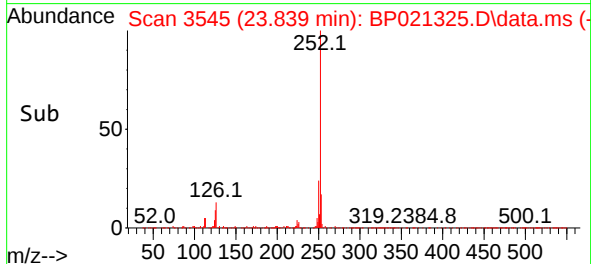
Instrument :
BNA_P
ClientSampleId :
A4D41



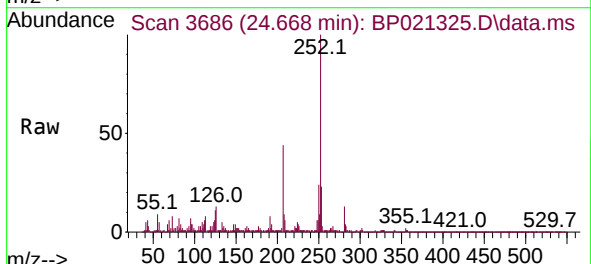
Tgt Ion:252 Resp: 409324
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 11.6 7.4 11.0

Manual Integrations
APPROVED

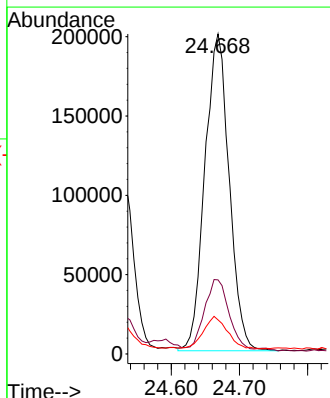
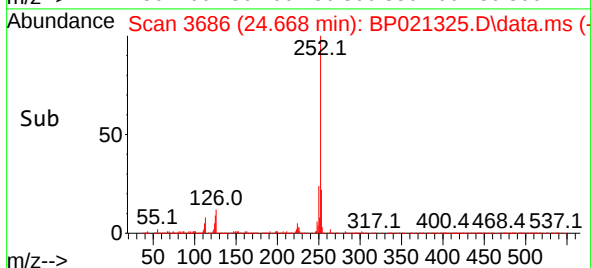
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

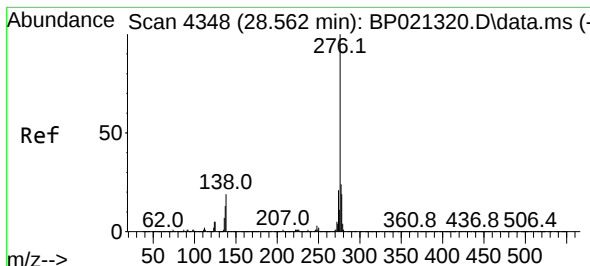


#93
Benzo(a)pyrene
Concen: 5.983 ng/ul
RT: 24.668 min Scan# 3686
Delta R.T. -0.011 min
Lab File: BP021325.D
Acq: 02 Aug 2024 17:50



Tgt Ion:252 Resp: 494992
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 10.6 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.129 ng/ul

RT: 28.574 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

Instrument :

BNA_P

ClientSampleId :

A4D41

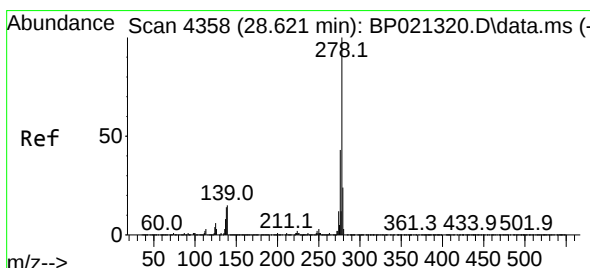
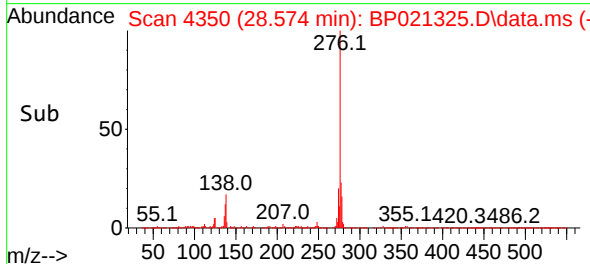
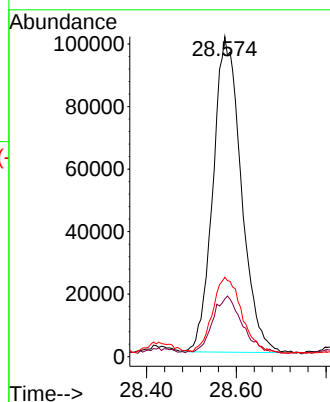
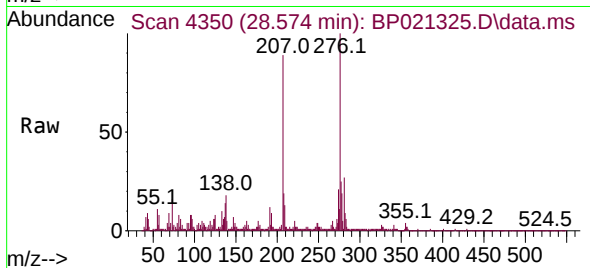
Tgt Ion:	276	Resp:	44015
Ion Ratio	Lower	Upper	
276	100		
138	18.0	14.3	21.5
277	24.8	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.669 ng/ul m

RT: 28.627 min Scan# 4359

Delta R.T. -0.011 min

Lab File: BP021325.D

Acq: 02 Aug 2024 17:50

Tgt Ion:	278	Resp:	147324
Ion Ratio	Lower	Upper	
278	100		
139	17.4	10.9	16.3#
279	30.2	19.4	29.0#

