

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021081.D
 Acq On : 19 Jul 2024 17:07
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF9

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 02:56:12 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	136128	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.440	136	562438	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	364360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	786833	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	771897	20.000	ng/u1	0.00
88) Perylene-d12	24.880	264	954747	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	8426	2.817	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	181073	16.316	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	104663	15.562	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.228	132	152233	16.649	ng/u1	-0.01
15) 4-Methylphenol-d8	8.399	113	133356	14.468	ng/u1	-0.02
21) Nitrobenzene-d5	8.834	128	73714	16.874	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	83273	16.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	141811	15.685	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	136750m	11.417	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	474957	17.932	ng/u1	-0.01
49) Acenaphthylene-d8	13.998	160	548070	18.428	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	59177m	15.703	ng/u1	0.01
60) Fluorene-d10	15.316	176	432433	19.901	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	36074	7.577	ng/u1	0.00
73) Anthracene-d10	17.228	188	702791	20.110	ng/u1	0.00
81) Pyrene-d10	19.610	212	814693	17.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	727136	15.442	ng/u1	-0.04
Target Compounds						
					Qvalue	
72) Phenanthrene	17.169	178	291532	7.142	ng/u1	99
74) Anthracene	17.263	178	55371	1.331	ng/u1	98
80) Fluoranthene	19.263	202	678961	11.781	ng/u1	99
82) Pyrene	19.639	202	512076	8.732	ng/u1	99
85) Benzo(a)anthracene	21.557	228	307191	5.681	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	110159	3.133	ng/u1	99
87) Chrysene	21.621	228	345407	6.875	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	484607	8.364	ng/u1	96
91) Benzo(k)fluoranthene	23.904	252	171752m	2.970	ng/u1	
93) Benzo(a)pyrene	24.721	252	199616	3.646	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.656	276	198235	2.810	ng/u1	97
95) Dibenzo(a,h)anthracene	28.703	278	60455m	1.035	ng/u1	

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

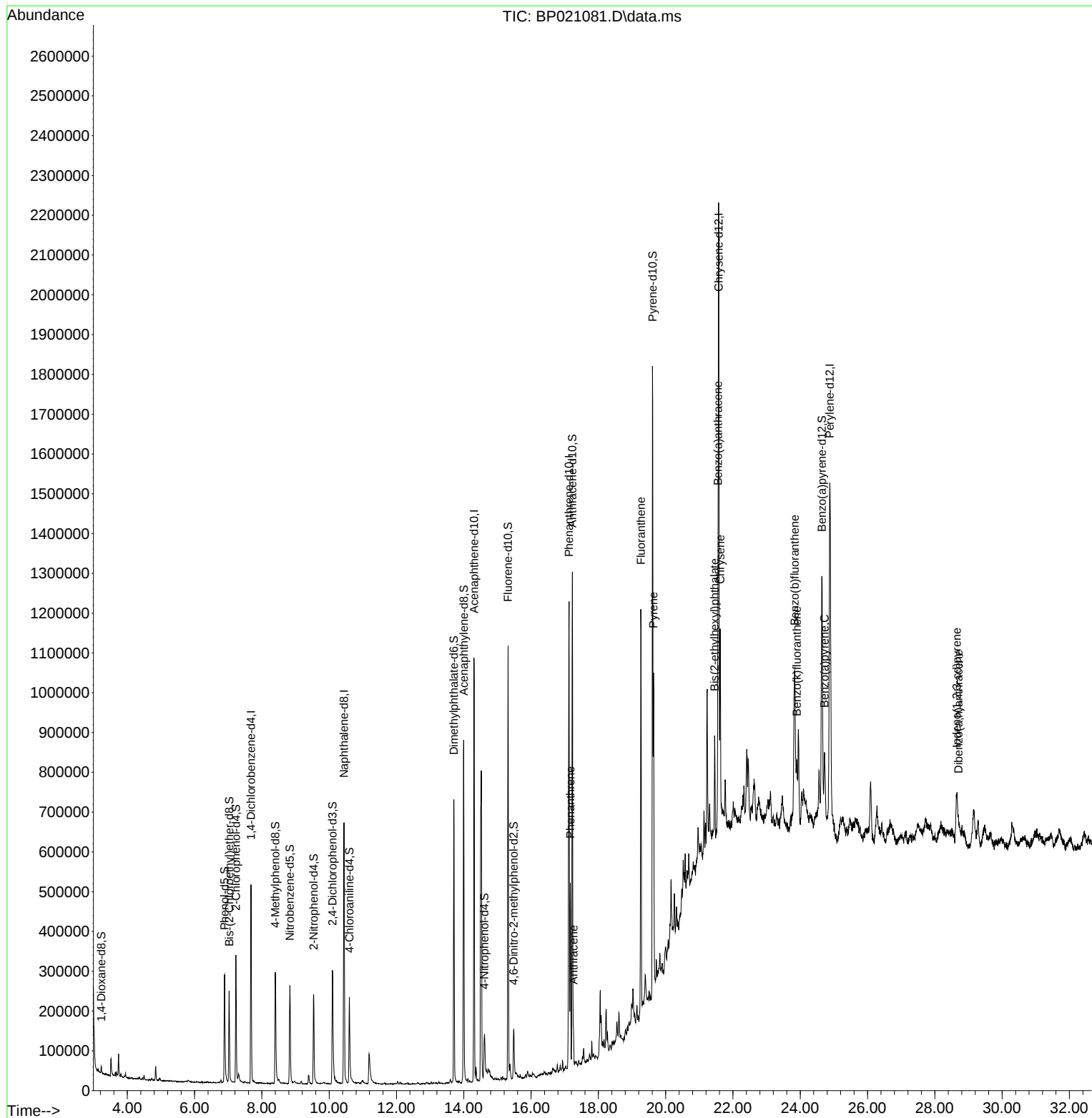
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021081.D
Acq On : 19 Jul 2024 17:07
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ALS Vial : 11 Sample Multiplier: 1

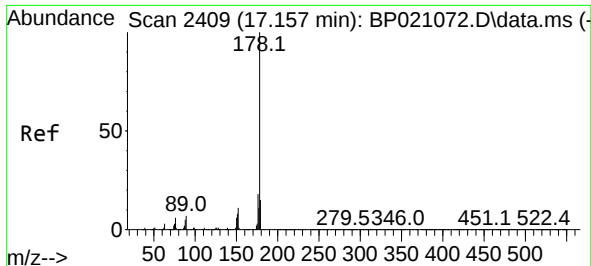
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
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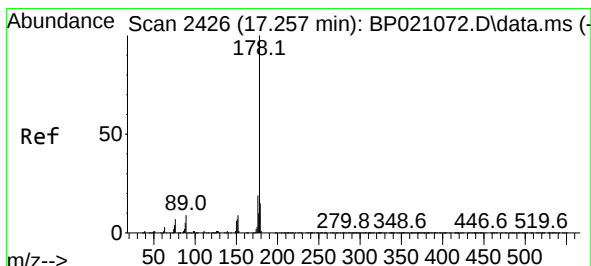
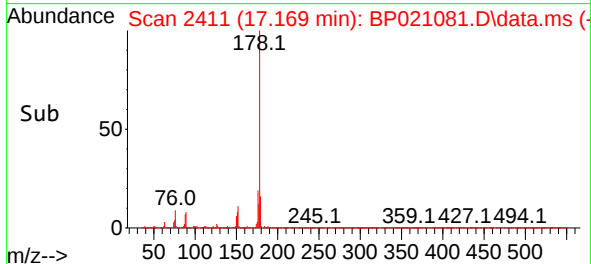
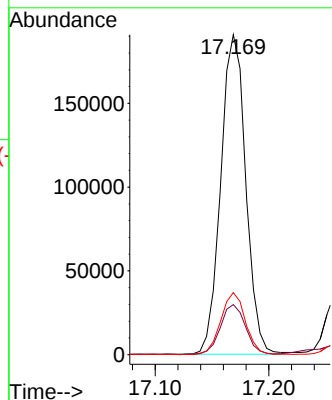
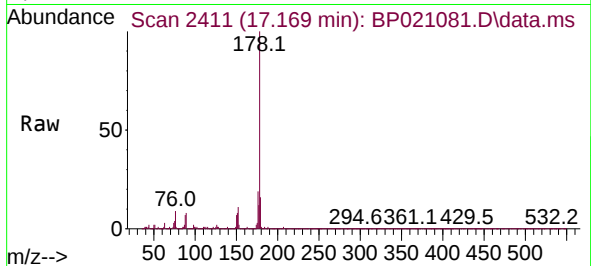
#72
Phenanthrene
Concen: 7.142 ng/ul
RT: 17.169 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07

Instrument :
BNA_P
ClientSampleId :
A4BF9

Tgt Ion:178 Resp: 29153
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.4 15.0 22.4

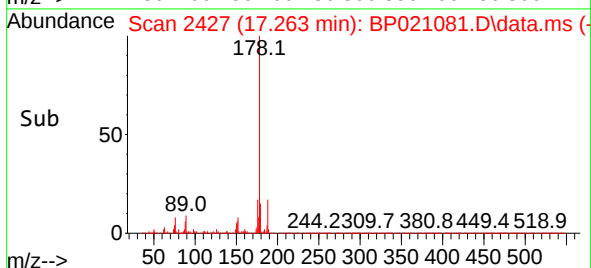
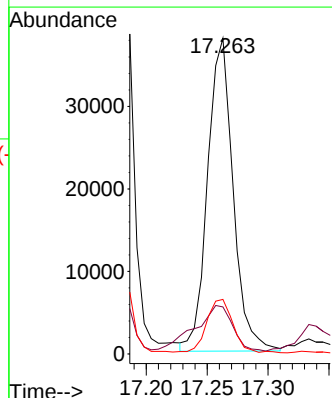
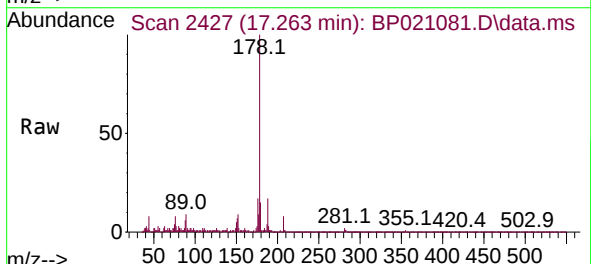
Manual Integrations
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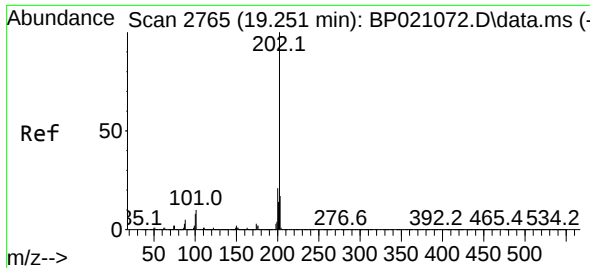
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#74
Anthracene
Concen: 1.331 ng/ul
RT: 17.263 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07

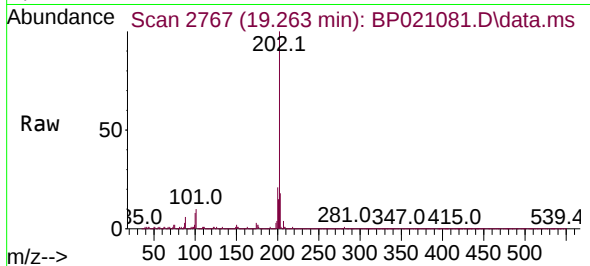
Tgt Ion:178 Resp: 55371
Ion Ratio Lower Upper
178 100
179 14.9 12.5 18.7
176 17.3 14.8 22.2





#80
Fluoranthene
Concen: 11.781 ng/ul
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07

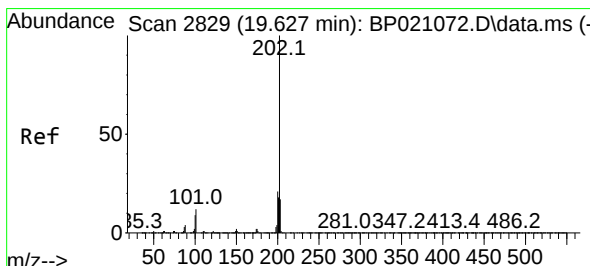
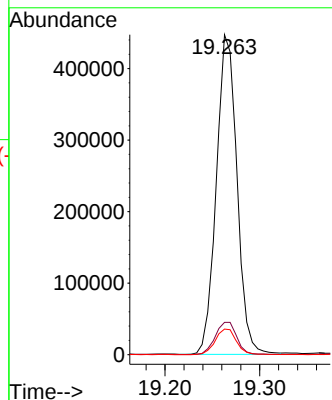
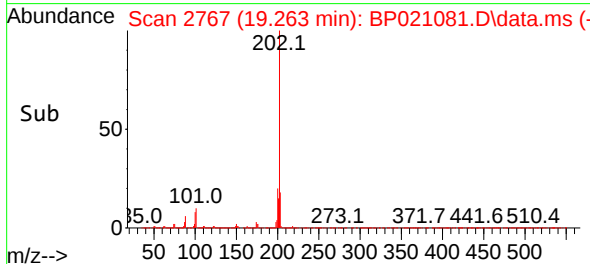
Instrument :
BNA_P
ClientSampleId :
A4BF9



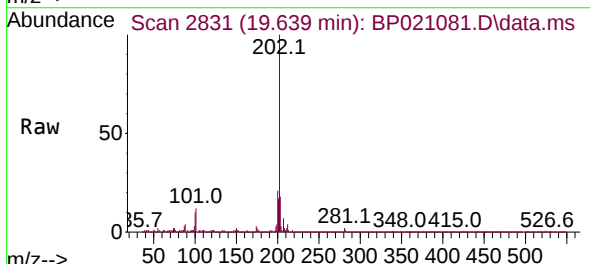
Tgt Ion:202 Resp: 67896
Ion Ratio Lower Upper
202 100
101 10.1 8.0 12.0
100 8.0 6.1 9.1

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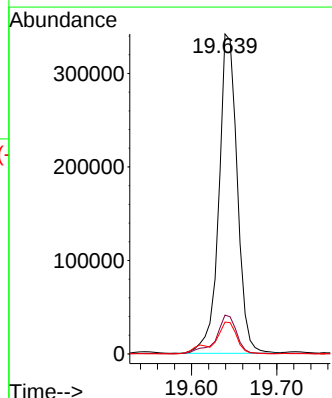
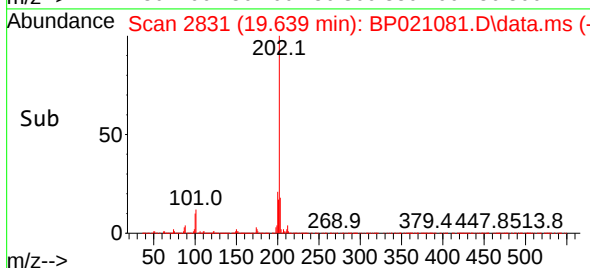
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

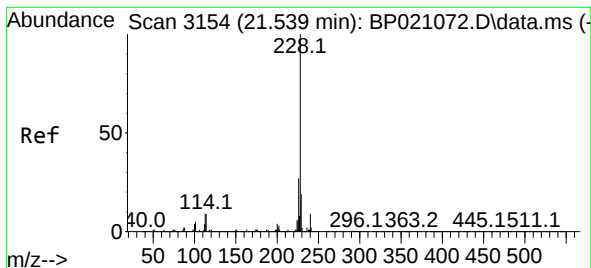


#82
Pyrene
Concen: 8.732 ng/ul
RT: 19.639 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07



Tgt Ion:202 Resp: 512076
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 9.9 7.8 11.6





#85

Benzo(a)anthracene

Concen: 5.681 ng/ul

RT: 21.557 min Scan# 3157

Delta R.T. -0.006 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

BNA_P

ClientSampleId :

A4BF9

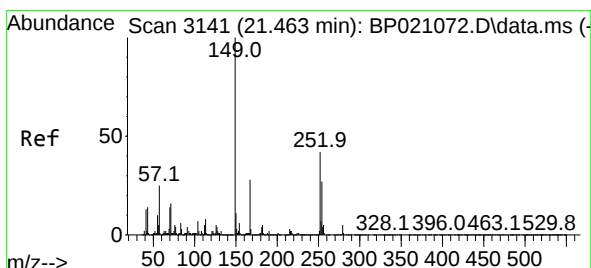
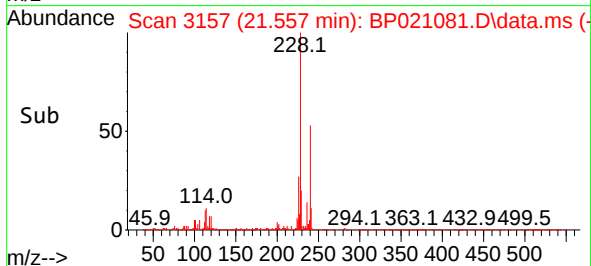
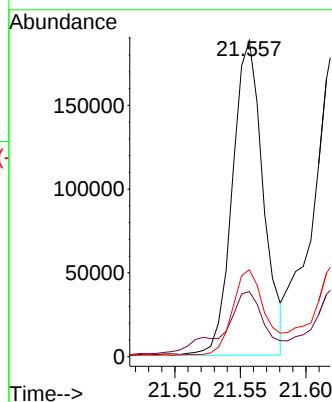
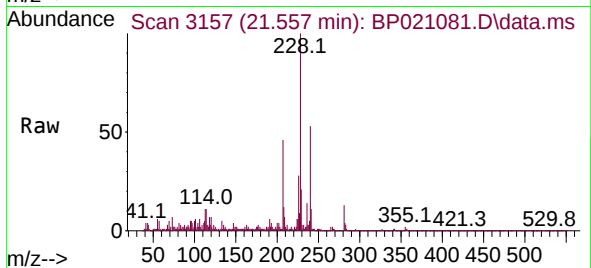
Tgt Ion:228 Resp: 30719
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.5 23.3
 226 27.5 21.4 32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.133 ng/ul

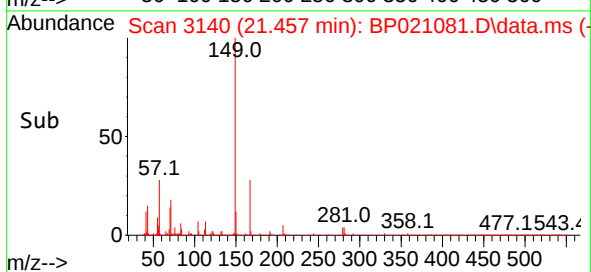
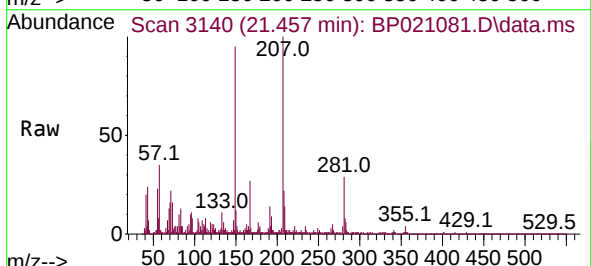
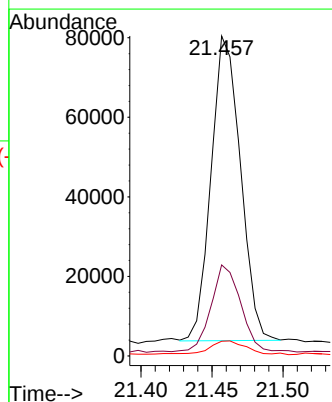
RT: 21.457 min Scan# 3140

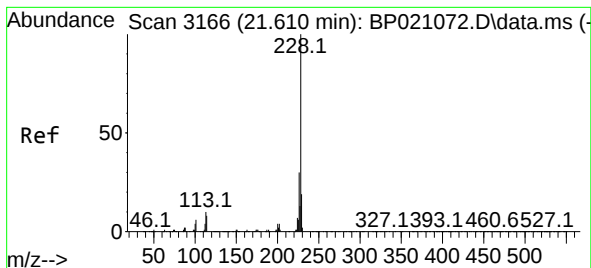
Delta R.T. -0.012 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Tgt Ion:149 Resp: 110159
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.1 33.1
 279 4.6 3.7 5.5





#87

Chrysene

Concen: 6.875 ng/ul

RT: 21.621 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

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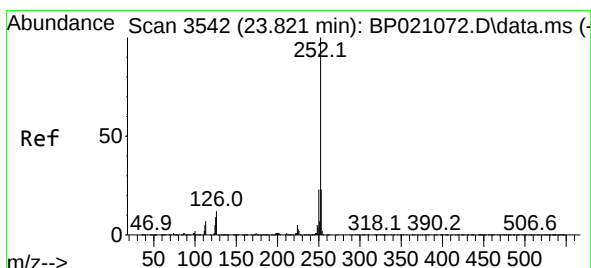
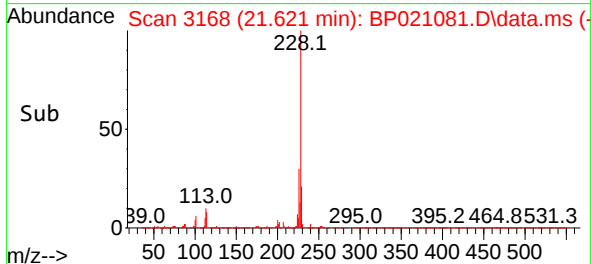
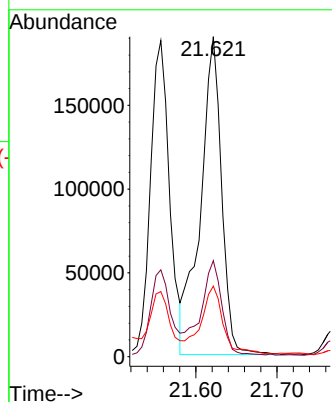
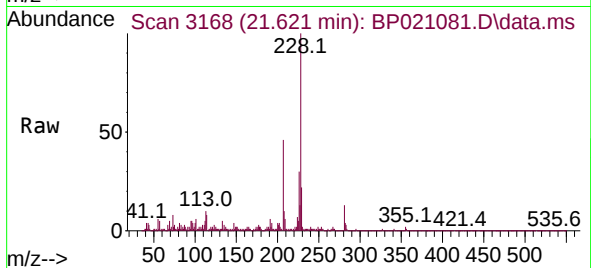
Tgt Ion:228	Resp: 34540
Ion Ratio	Lower Upper
228 100	
226 30.0	23.6 35.4
229 22.1	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 8.364 ng/ul

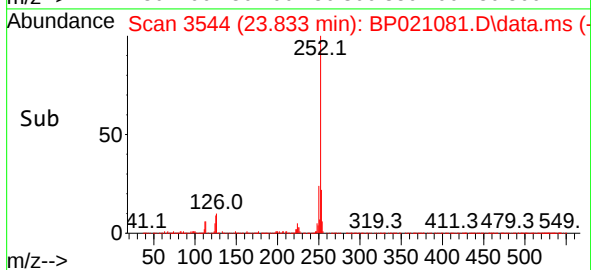
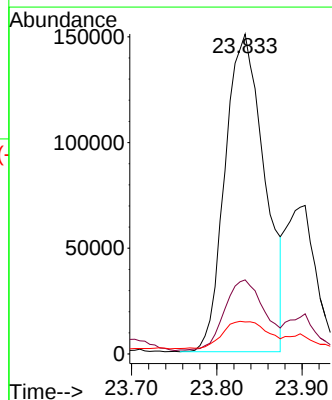
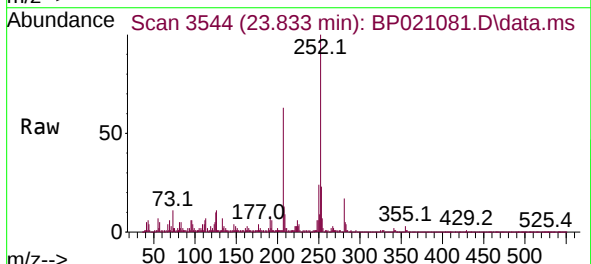
RT: 23.833 min Scan# 3544

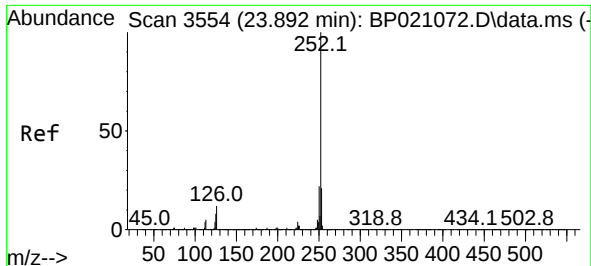
Delta R.T. -0.018 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

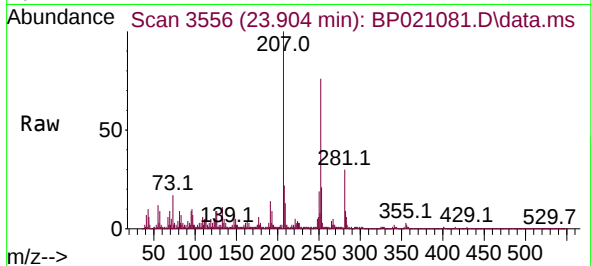
Tgt Ion:252	Resp: 484607
Ion Ratio	Lower Upper
252 100	
253 23.2	17.1 25.7
125 10.0	7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 2.970 ng/ul m
RT: 23.904 min Scan# 3554
Delta R.T. -0.018 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07

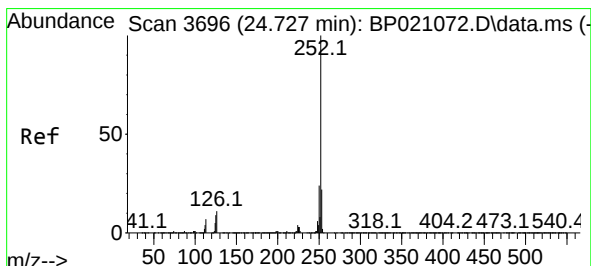
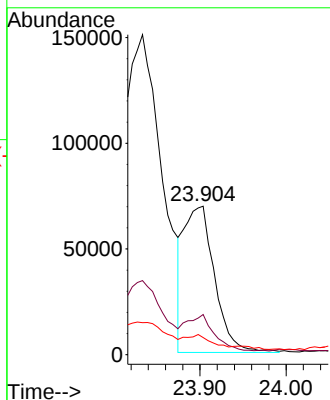
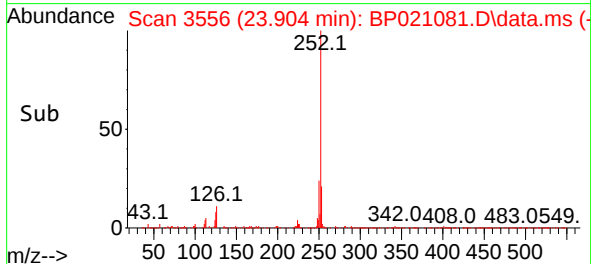
Instrument :
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ClientSampleId :
A4BF9



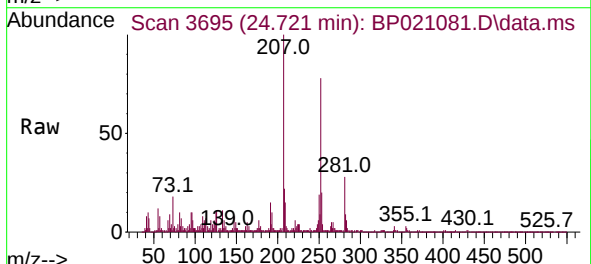
Tgt Ion:252 Resp: 171752
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.2
125 11.5 7.4 11.0

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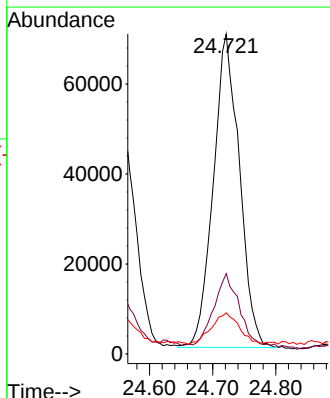
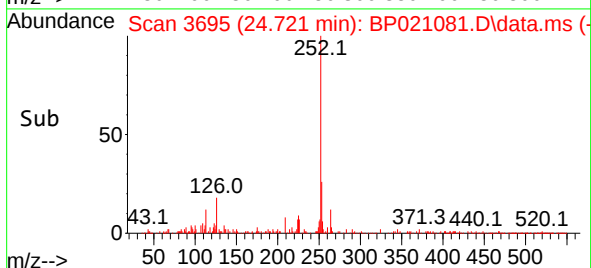
Reviewed By :Yogesh Patel 07/20/2024
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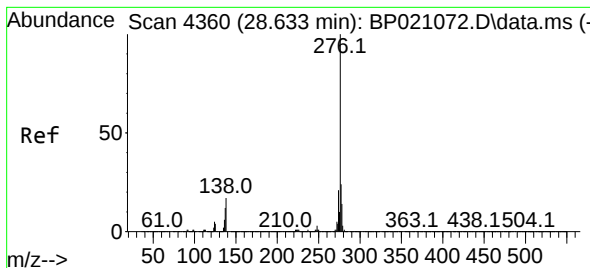


#93
Benzo(a)pyrene
Concen: 3.646 ng/ul
RT: 24.721 min Scan# 3695
Delta R.T. -0.041 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07



Tgt Ion:252 Resp: 199616
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 12.9 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.810 ng/ul

RT: 28.656 min Scan# 4360

Delta R.T. -0.047 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

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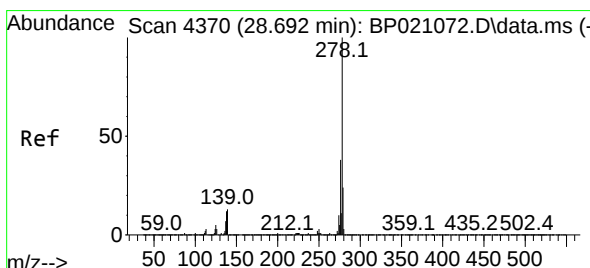
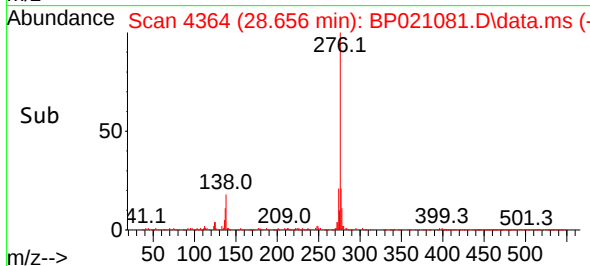
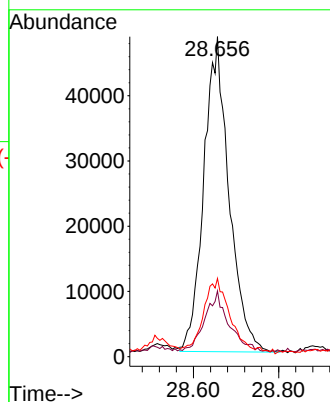
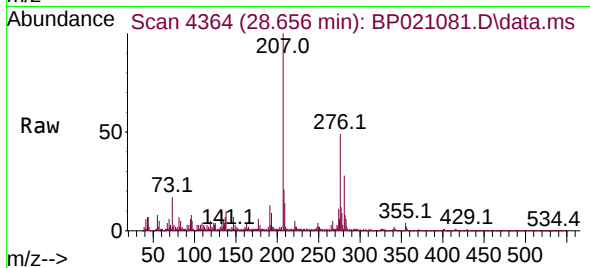
Tgt Ion:	276	Resp:	19823
Ion Ratio	Lower	Upper	
276	100		
138	20.5	14.3	21.5
277	24.5	19.2	28.8

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.035 ng/ul m

RT: 28.703 min Scan# 4372

Delta R.T. -0.035 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Tgt Ion:	278	Resp:	60455
Ion Ratio	Lower	Upper	
278	100		
139	22.6	10.9	16.3#
279	31.4	19.4	29.0#

