

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021085.D
 Acq On : 22 Jul 2024 12:40
 Operator : MA/JU
 Sample : P3238-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 02:33:38 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	7.681	152	181812	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.440	136	745486	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.292	164	483675	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.104	188	1043866	20.000	ng/u1	-0.02
79) Chrysene-d12	21.557	240	991868	20.000	ng/u1	-0.02
88) Perylene-d12	24.863	264	1207215	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10333	2.586	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.905	99	194804	13.142	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	133012	14.807	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	174923	14.323	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	135340	10.994	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	85462	14.760	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	93471	14.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	167493m	13.977	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.622	131	49149m	3.096	ng/u1	0.02
46) Dimethylphthalate-d6	13.704	166	526880	14.985	ng/u1	-0.01
49) Acenaphthylene-d8	13.987	160	620870	15.726	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	46348m	9.265	ng/u1	0.00
60) Fluorene-d10	15.304	176	480932	16.673	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	46958	7.435	ng/u1	-0.02
73) Anthracene-d10	17.210	188	729380	15.732	ng/u1	-0.02
81) Pyrene-d10	19.592	212	830518	13.544	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.633	264	708433	11.899	ng/u1	-0.05
Target Compounds					Qvalue	
72) Phenanthrene	17.151	178	597914	11.041	ng/u1	99
74) Anthracene	17.245	178	102947	1.865	ng/u1	98
77) Carbazole	17.539	167	57969	1.285	ng/u1	98
80) Fluoranthene	19.239	202	1438279	19.422	ng/u1	99
82) Pyrene	19.622	202	1070734	14.209	ng/u1	99
85) Benzo(a)anthracene	21.539	228	626274	9.014	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	294570	6.519	ng/u1	98
87) Chrysene	21.604	228	743169	11.511	ng/u1	98
90) Benzo(b)fluoranthene	23.815	252	1071048	14.620	ng/u1	97
91) Benzo(k)fluoranthene	23.874	252	349606m	4.782	ng/u1	
93) Benzo(a)pyrene	24.704	252	405879	5.863	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.621	276	434793	4.874	ng/u1	99
95) Dibenzo(a,h)anthracene	28.668	278	133398m	1.806	ng/u1	

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

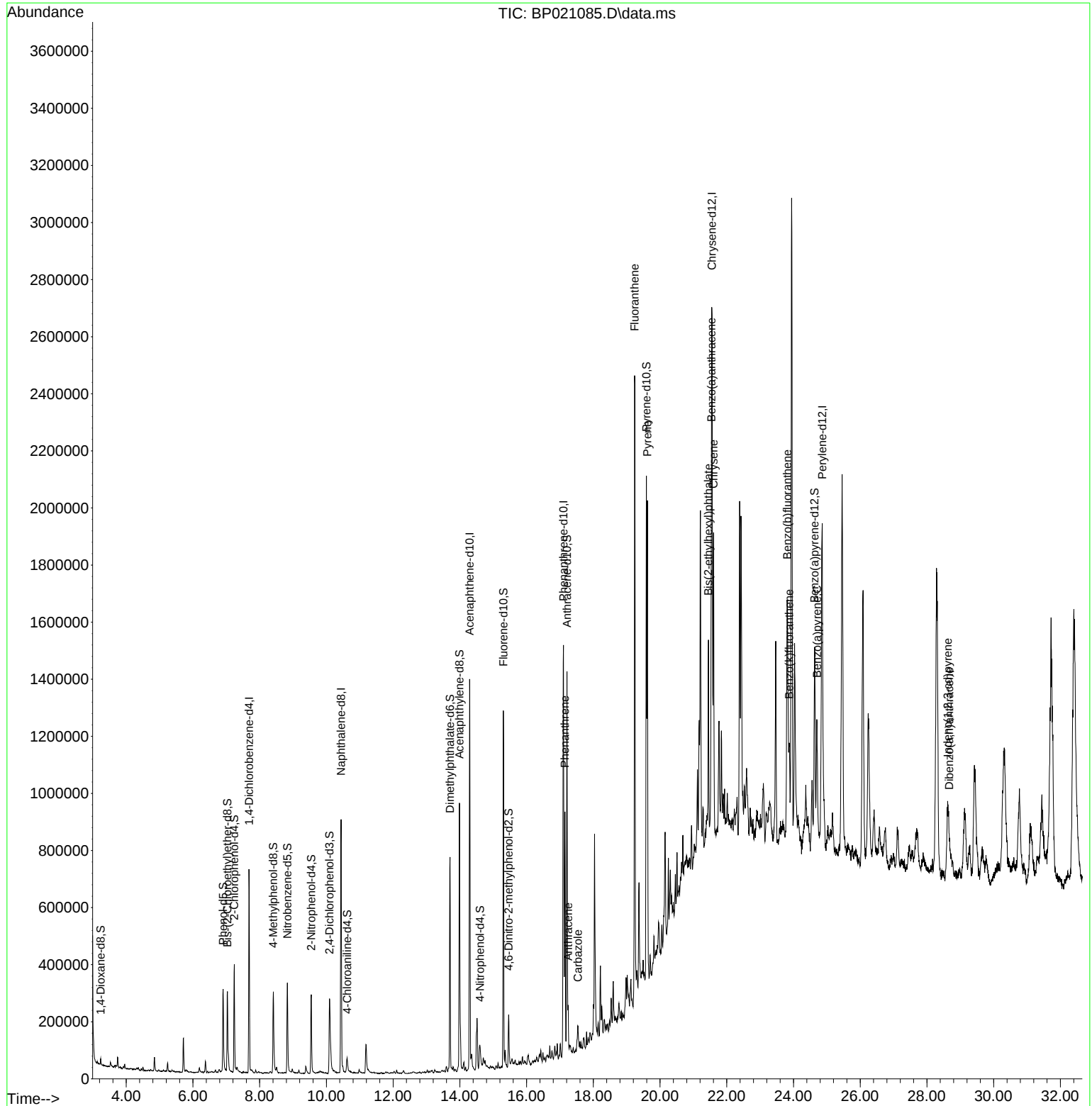
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021085.D
Acq On : 22 Jul 2024 12:40
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

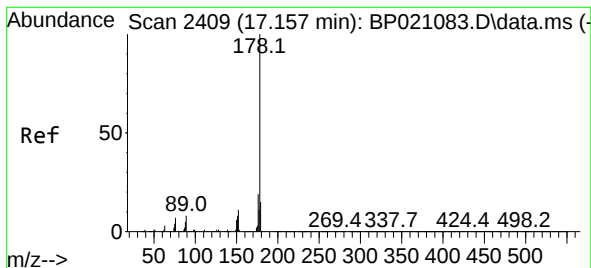
Instrument :
BNA_P
ClientSampleId :
A4BZ5

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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: 11.041 ng/ul

RT: 17.151 min Scan# 2408

Delta R.T. -0.018 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

Instrument :

BNA_P

ClientSampleId :

A4BZ5

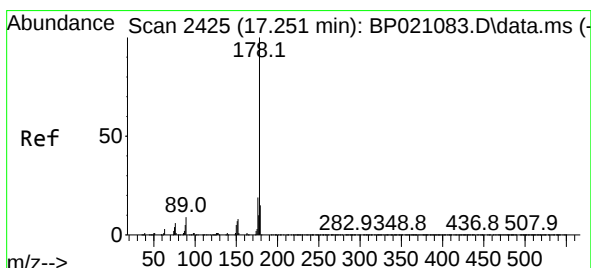
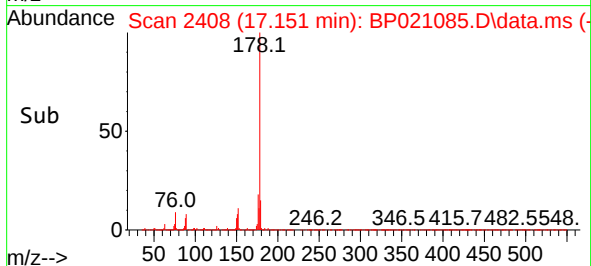
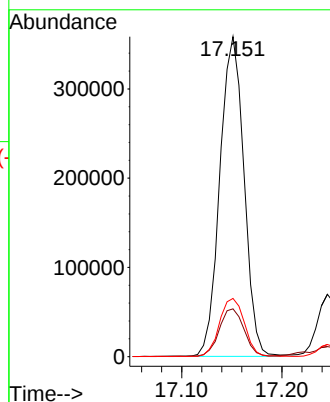
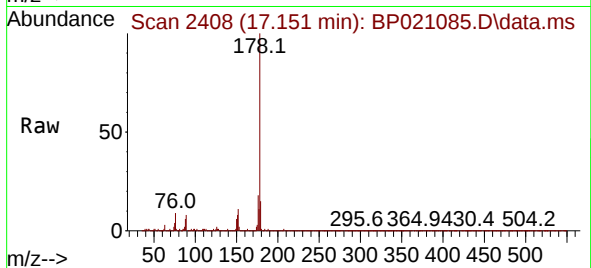
Tgt Ion:	178	Resp:	597914
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	18.2	15.0	22.4

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#74

Anthracene

Concen: 1.865 ng/ul

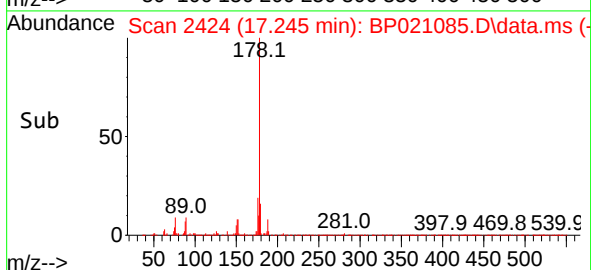
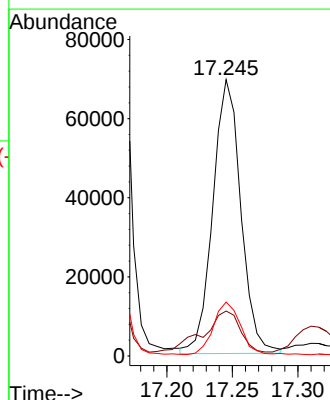
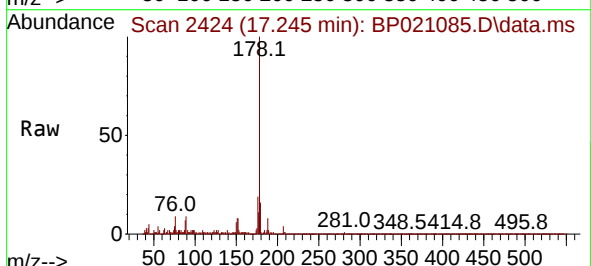
RT: 17.245 min Scan# 2424

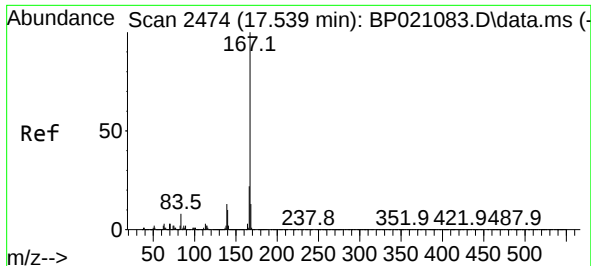
Delta R.T. -0.018 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

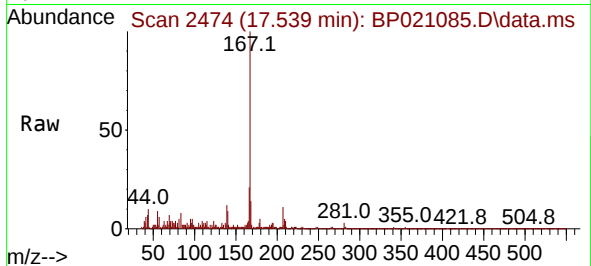
Tgt Ion:	178	Resp:	102947
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.5	18.7
176	19.5	14.8	22.2





#77
 Carbazole
 Concen: 1.285 ng/ul
 RT: 17.539 min Scan# 2474
 Delta R.T. -0.023 min
 Lab File: BP021085.D
 Acq: 22 Jul 2024 12:40

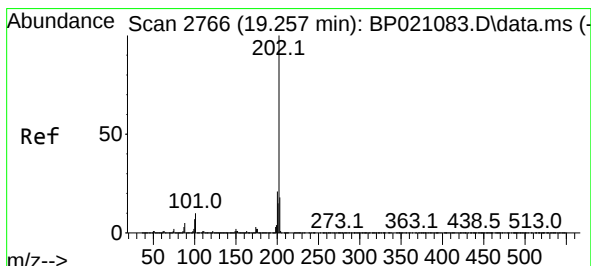
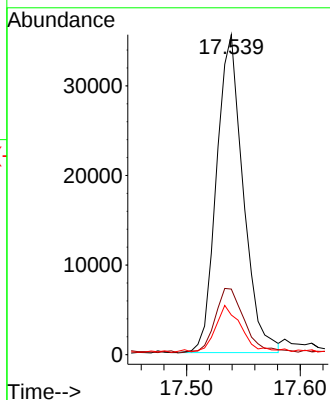
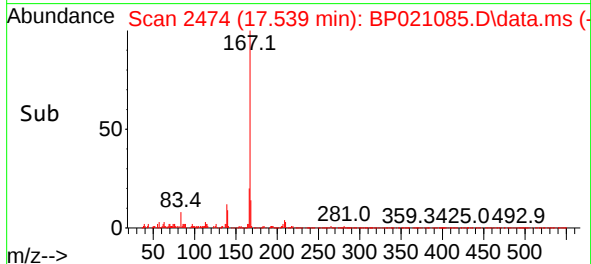
Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5



Tgt Ion:167 Resp: 57969
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.3 25.9
 139 12.4 10.2 15.2

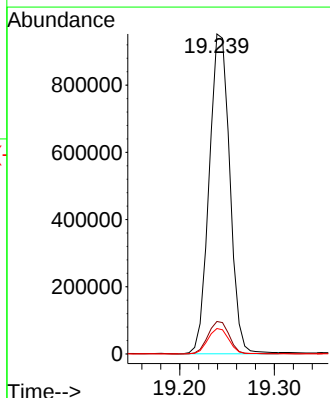
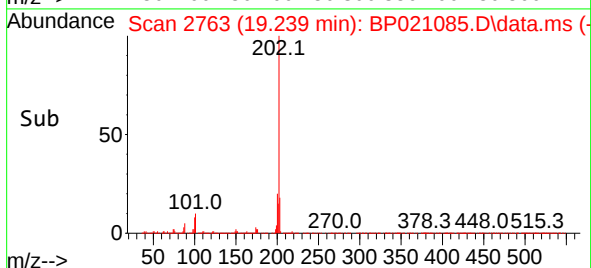
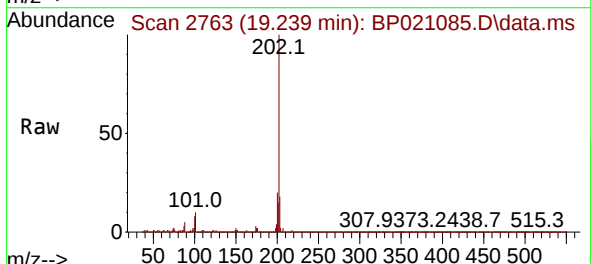
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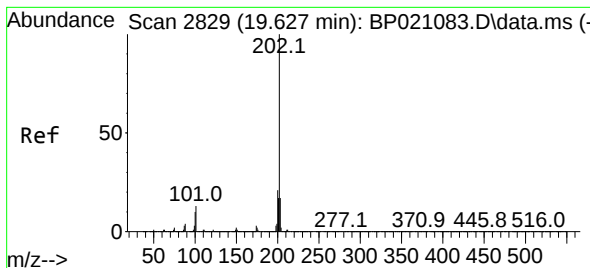
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 19.422 ng/ul
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.023 min
 Lab File: BP021085.D
 Acq: 22 Jul 2024 12:40

Tgt Ion:202 Resp: 1438279
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.0 12.0
 100 7.9 6.1 9.1





#82

Pyrene

Concen: 14.209 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

Instrument :

BNA_P

ClientSampleId :

A4BZ5

Tgt Ion:202 Resp: 1070734

Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.2

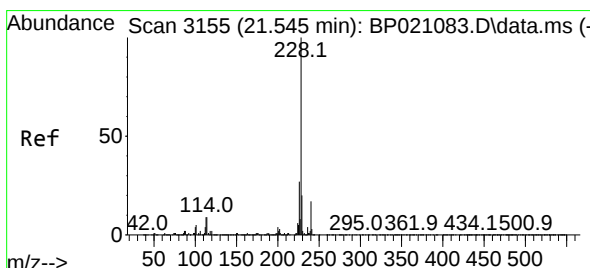
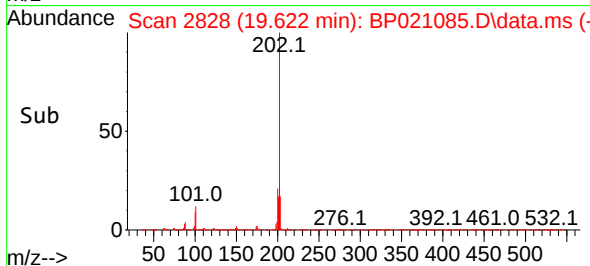
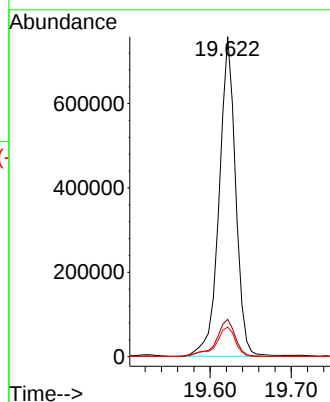
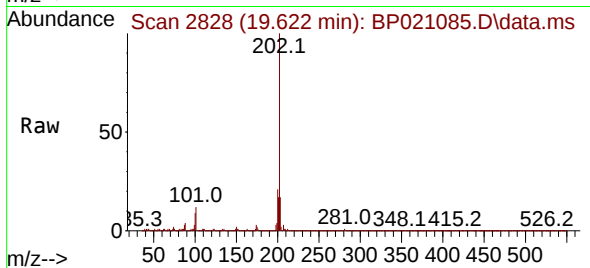
100 9.3 7.8 11.6

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#85

Benzo(a)anthracene

Concen: 9.014 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. -0.023 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

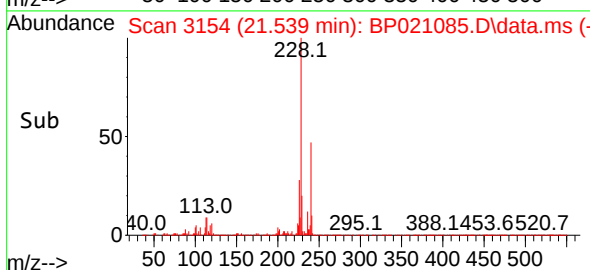
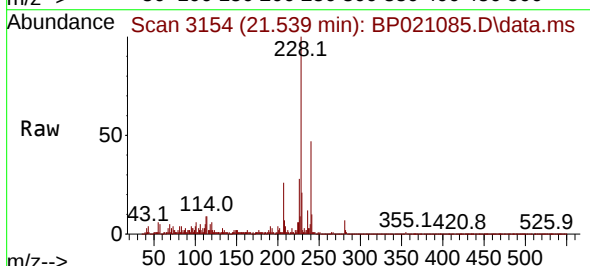
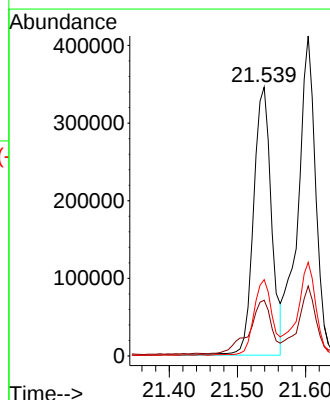
Tgt Ion:228 Resp: 626274

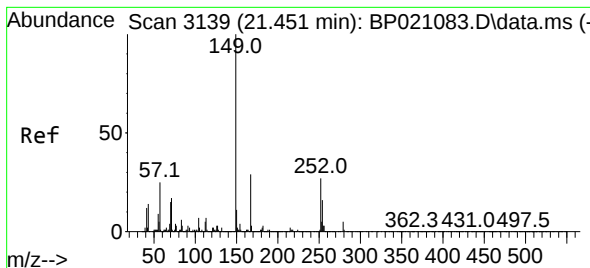
Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

226 28.4 21.4 32.2





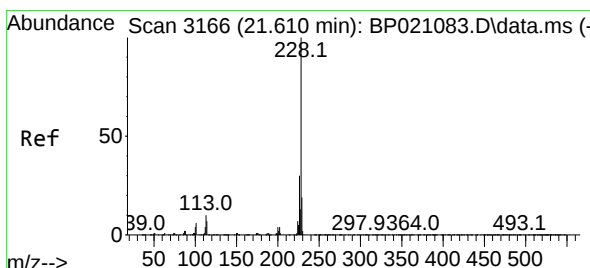
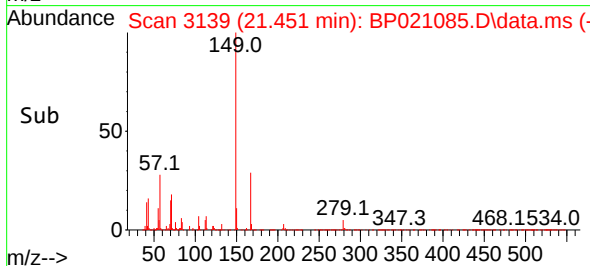
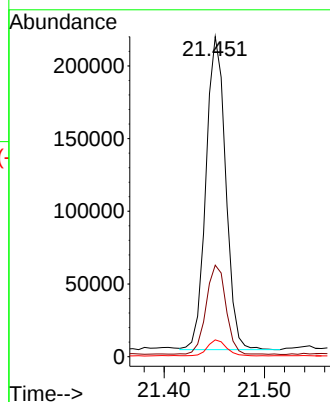
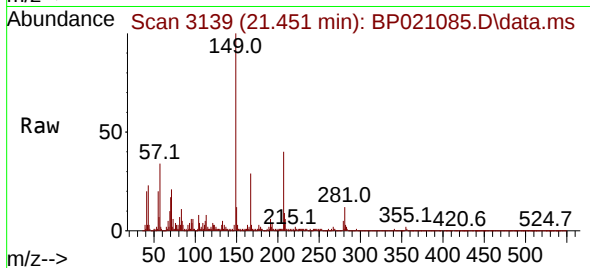
#86
Bis(2-ethylhexyl)phthalate
Concen: 6.519 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.018 min
Lab File: BP021085.D
Acq: 22 Jul 2024 12:40

Instrument :
BNA_P
ClientSampleId :
A4BZ5

Tgt Ion:149 Resp: 294570
Ion Ratio Lower Upper
149 100
167 28.6 22.1 33.1
279 5.2 3.7 5.5

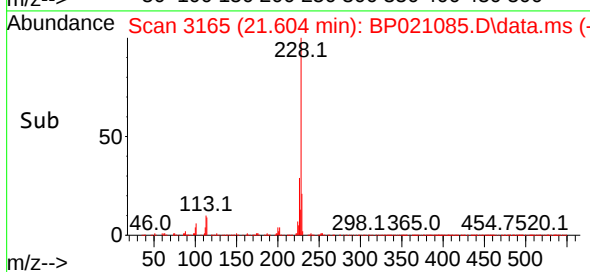
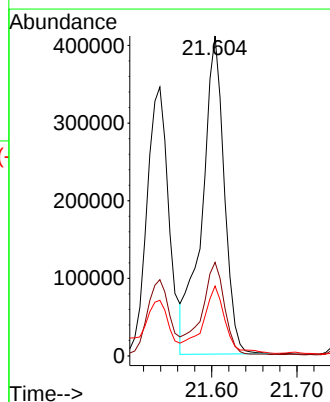
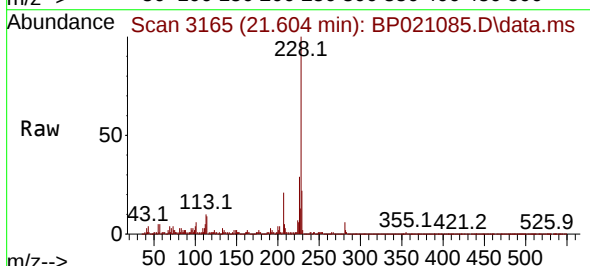
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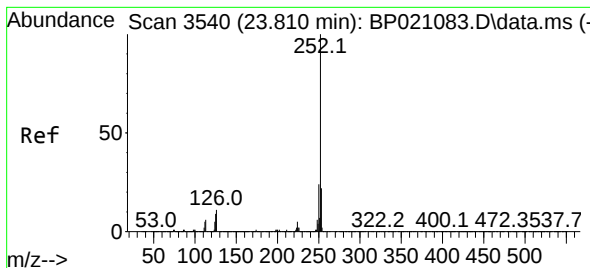
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 11.511 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.023 min
Lab File: BP021085.D
Acq: 22 Jul 2024 12:40

Tgt Ion:228 Resp: 743169
Ion Ratio Lower Upper
228 100
226 29.2 23.6 35.4
229 21.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 14.620 ng/ul

RT: 23.815 min Scan# 3540

Delta R.T. -0.035 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

Instrument :

BNA_P

ClientSampleId :

A4BZ5

Tgt Ion:252 Resp: 107104

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

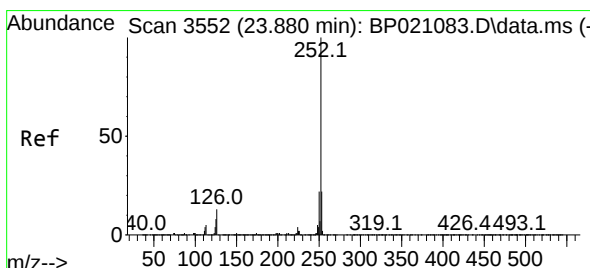
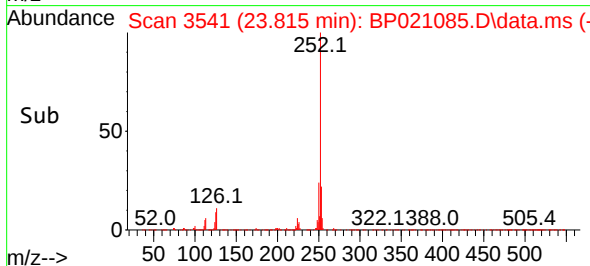
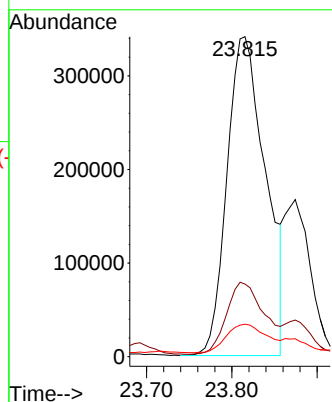
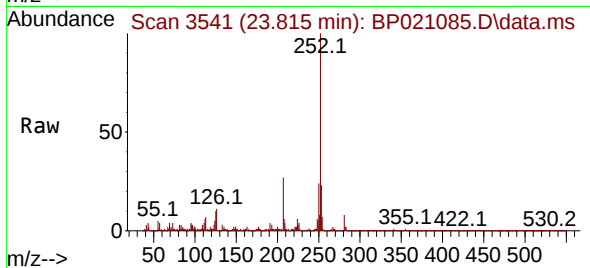
125 10.2 7.0 10.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 4.782 ng/ul m

RT: 23.874 min Scan# 3551

Delta R.T. -0.047 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

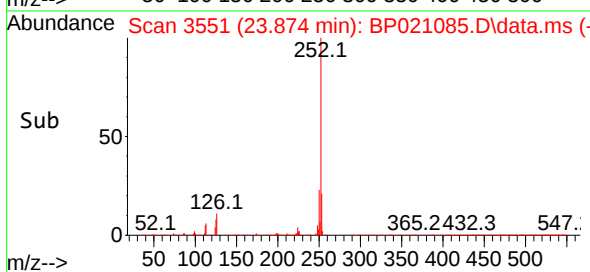
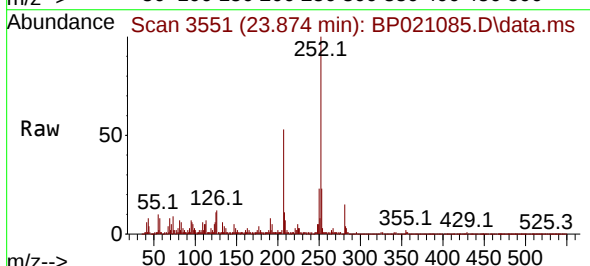
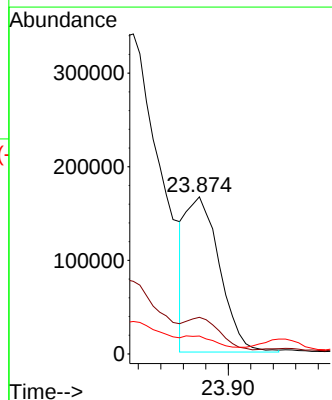
Tgt Ion:252 Resp: 349606

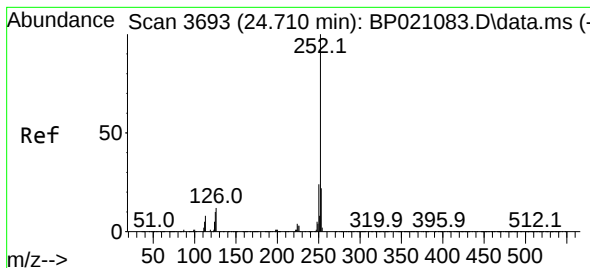
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 11.4 7.4 11.0#





#93

Benzo(a)pyrene

Concen: 5.863 ng/ul

RT: 24.704 min Scan# 30

Delta R.T. -0.059 min

Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

Instrument :

BNA_P

ClientSampleId :

A4BZ5

Tgt Ion:252 Resp: 405879

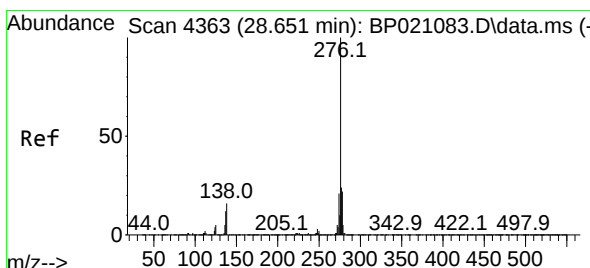
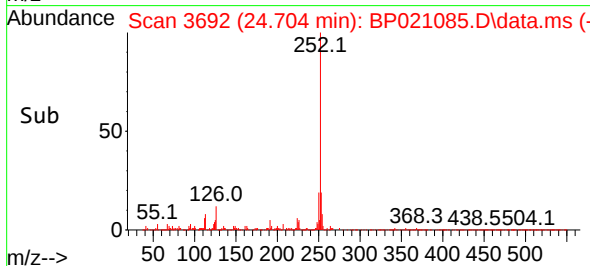
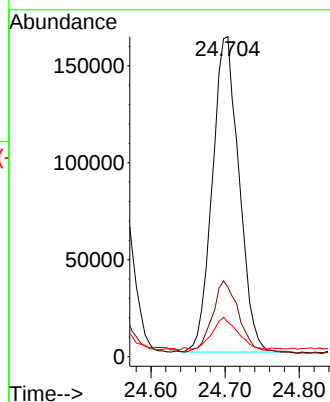
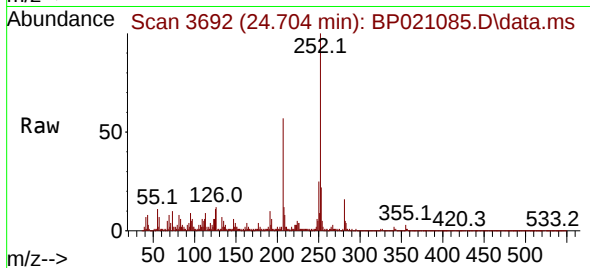
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.8	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.874 ng/ul

RT: 28.621 min Scan# 4358

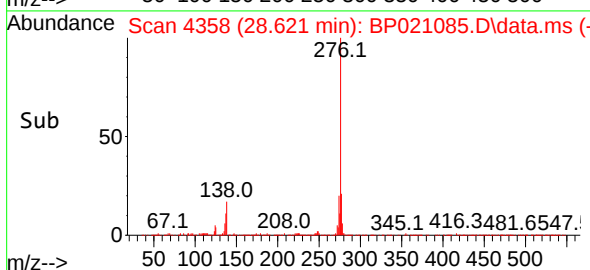
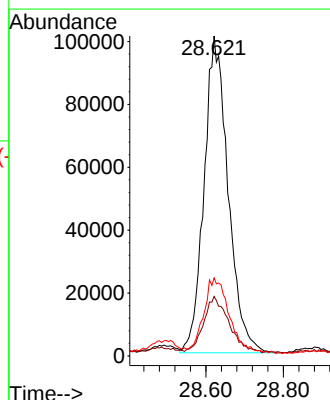
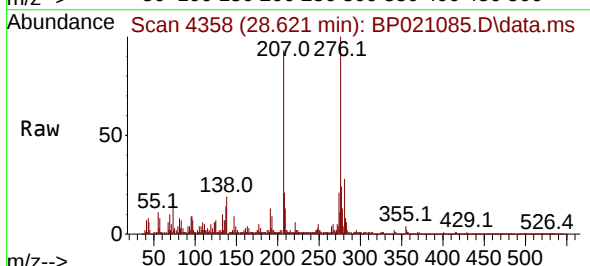
Delta R.T. -0.082 min

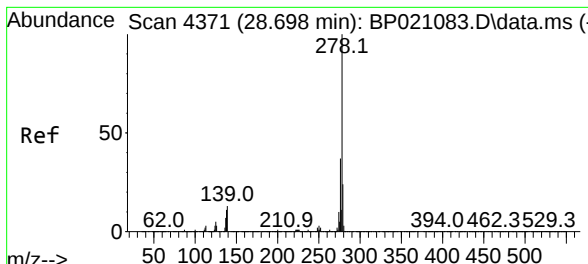
Lab File: BP021085.D

Acq: 22 Jul 2024 12:40

Tgt Ion:276 Resp: 434793

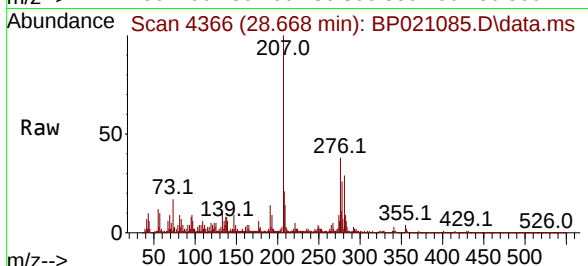
Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.3	21.5
277	24.4	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.806 ng/ul m
 RT: 28.668 min Scan# 4366
 Delta R.T. -0.071 min
 Lab File: BP021085.D
 Acq: 22 Jul 2024 12:40

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5



Tgt Ion: 278 Resp: 133398

Ion	Ratio	Lower	Upper
278	100		
139	21.4	10.9	16.3
279	28.1	19.4	29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

