

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021025.D
 Acq On : 17 Jul 2024 20:20
 Operator : MA/JU
 Sample : P3215-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 22:52:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	142960	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	579589	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	392400	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.116	188	892729	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	906372	20.000	ng/u1	0.01
88) Perylene-d12	24.851	264	1044903	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10456	3.328	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	188384	16.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	117835	16.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	165294	17.213	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	138148	14.271	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	78711	17.485	ng/u1	0.02
24) 2-Nitrophenol-d4	9.551	143	87508	16.984	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	149641	16.061	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	153458	12.433	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	561419	19.681	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	611597	19.094	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.587	143	66497m	16.384	ng/u1	0.02
60) Fluorene-d10	15.316	176	493084	21.070	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	67405	12.479	ng/u1	0.01
73) Anthracene-d10	17.210	188	807671	20.370	ng/u1	-0.01
81) Pyrene-d10	19.598	212	966824	17.254	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	769573	14.933	ng/u1	0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.157	178	290317	6.269	ng/u1	99
80) Fluoranthene	19.251	202	583453	8.622	ng/u1	98
82) Pyrene	19.627	202	397239	5.769	ng/u1	99
85) Benzo(a)anthracene	21.539	228	252414	3.976	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	51271	1.242	ng/u1	99
87) Chrysene	21.604	228	270408	4.583	ng/u1	98
90) Benzo(b)fluoranthene	23.815	252	315004	4.968	ng/u1	95
91) Benzo(k)fluoranthene	23.874	252	137547m	2.174	ng/u1	
93) Benzo(a)pyrene	24.692	252	125738	2.098	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	28.609	276	118791	1.538	ng/u1	95

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

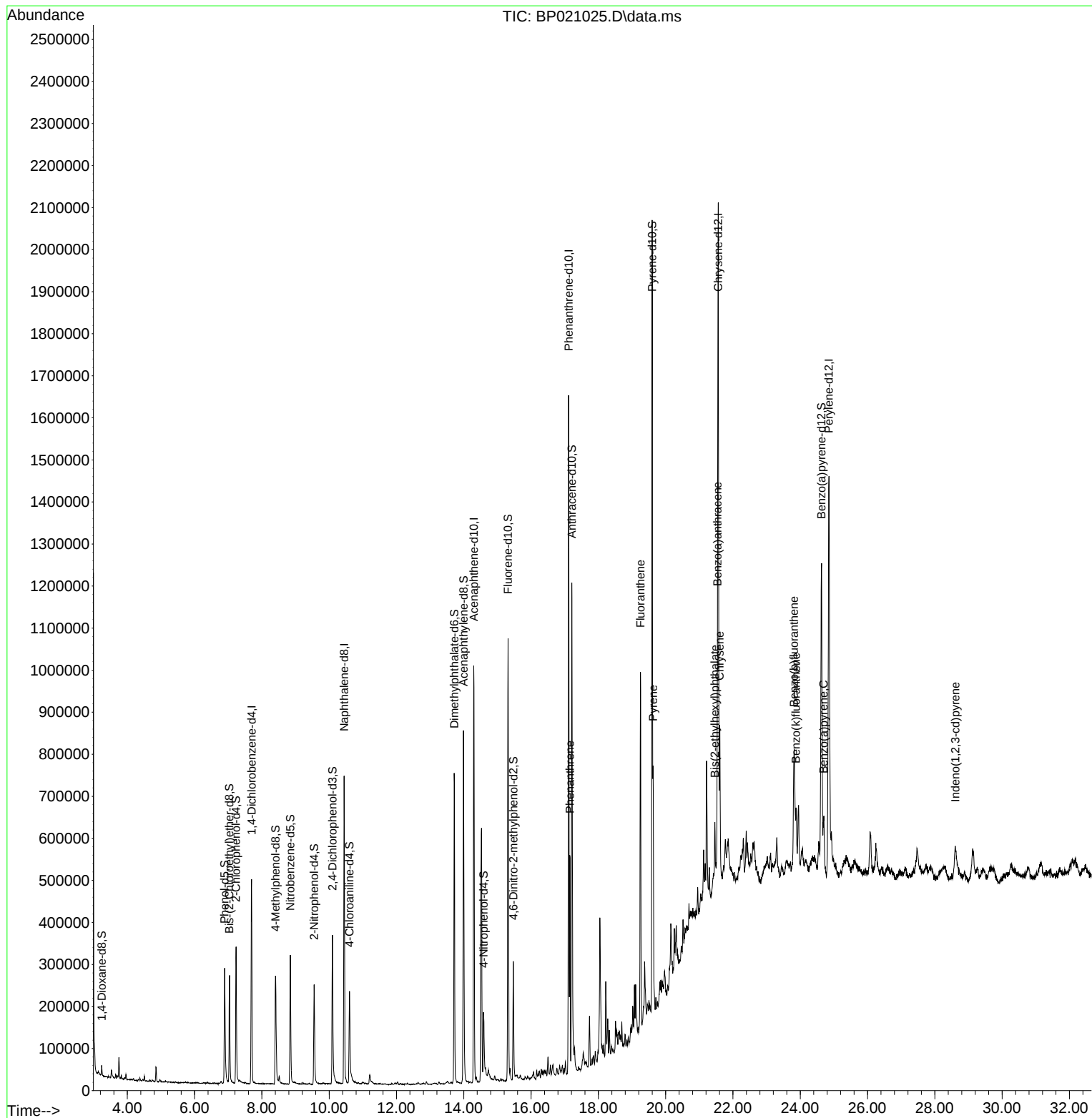
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021025.D
Acq On : 17 Jul 2024 20:20
Operator : MA/JU
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ALS Vial : 11 Sample Multiplier: 1

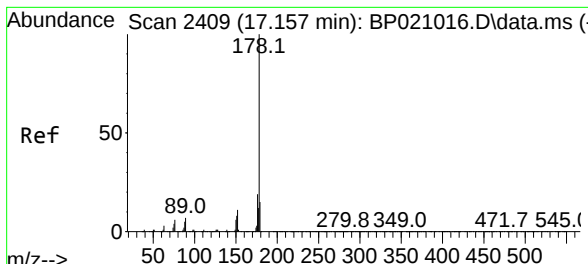
Instrument :
BNA_P
ClientSampleId :
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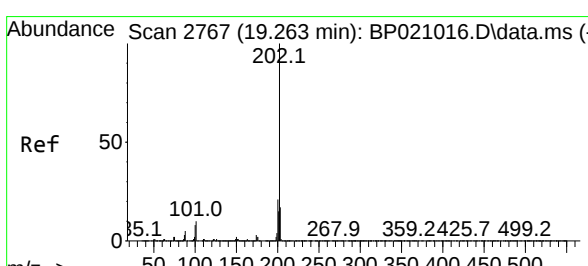
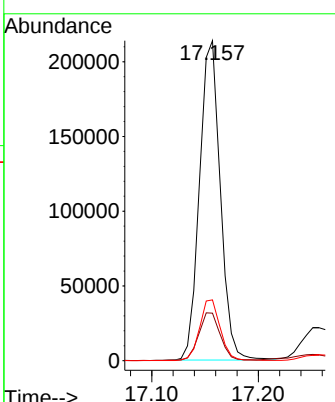
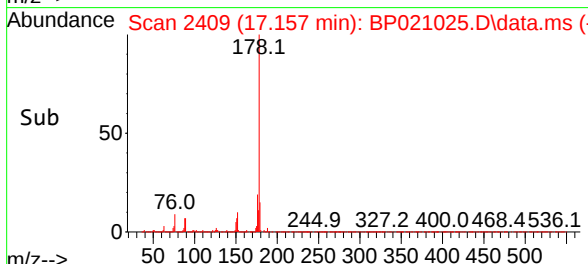
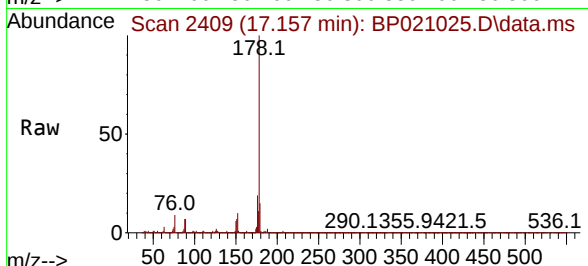


#72
 Phenanthrene
 Concen: 6.269 ng/ul
 RT: 17.157 min Scan# 2409
 Delta R.T. -0.006 min
 Lab File: BP021025.D
 Acq: 17 Jul 2024 20:20

Instrument : BNA_P
 ClientSampleId : A4CJ5

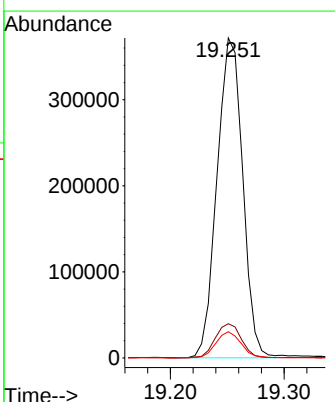
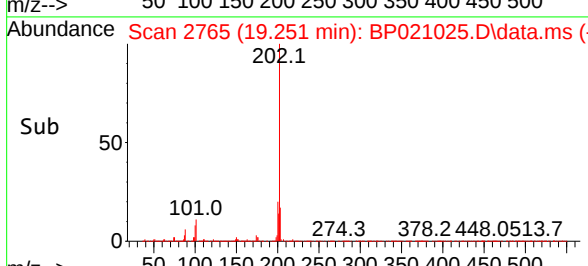
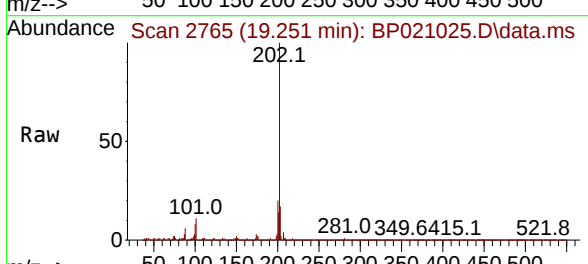
Tgt Ion:	178	Resp:	29031
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.4
176	19.0	15.0	22.4

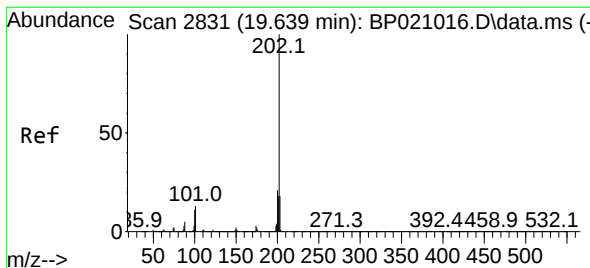
Manual Integrations
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#80
 Fluoranthene
 Concen: 8.622 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BP021025.D
 Acq: 17 Jul 2024 20:20

Tgt Ion:	202	Resp:	583453
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.0	12.0
100	8.2	6.1	9.1





#82

Pyrene

Concen: 5.769 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021025.D

Acq: 17 Jul 2024 20:20

Instrument :

BNA_P

ClientSampleId :

A4CJ5

Tgt Ion:202 Resp: 397239

Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

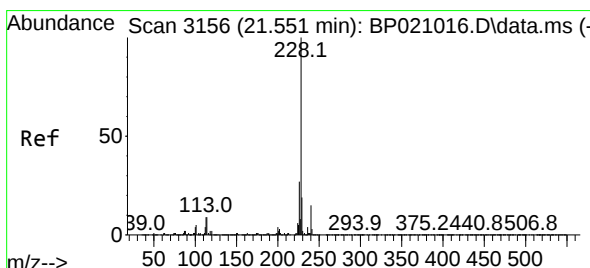
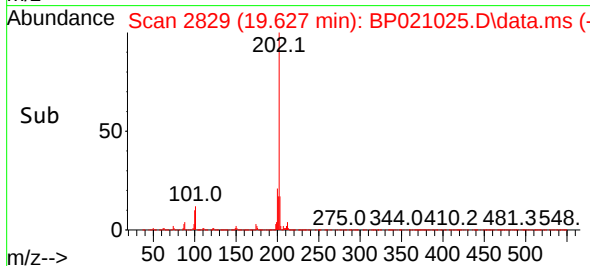
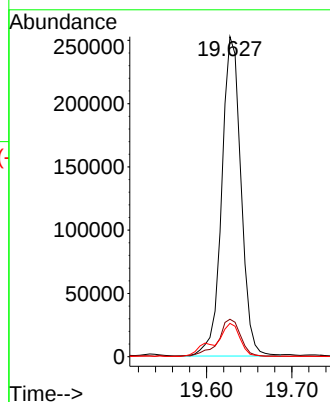
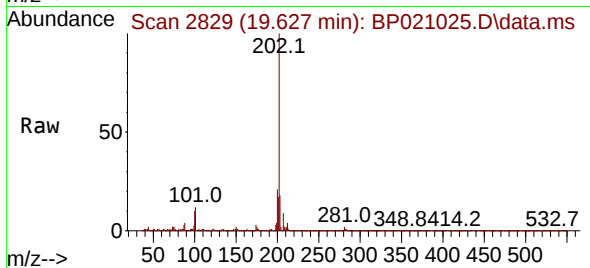
100 10.4 7.8 11.6

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#85

Benzo(a)anthracene

Concen: 3.976 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP021025.D

Acq: 17 Jul 2024 20:20

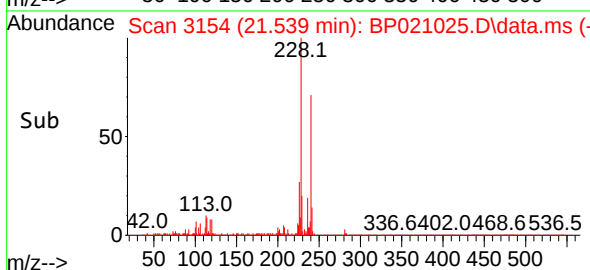
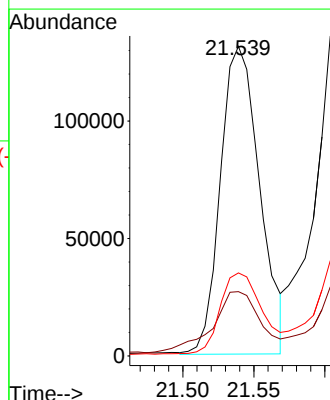
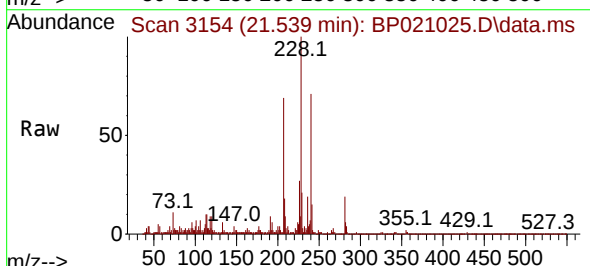
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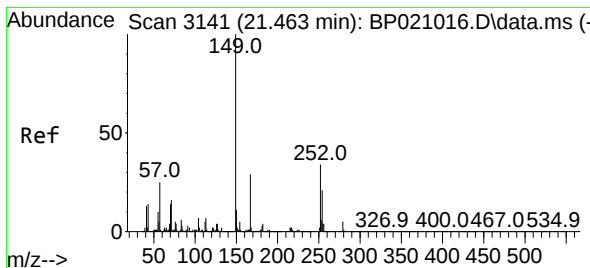
Ion Ratio Lower Upper

228 100

229 20.8 15.5 23.3

226 26.8 21.4 32.2





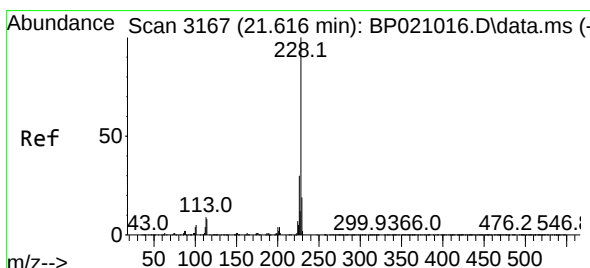
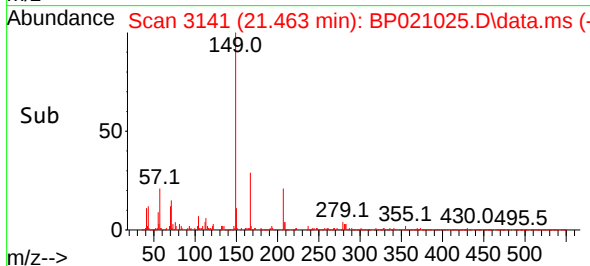
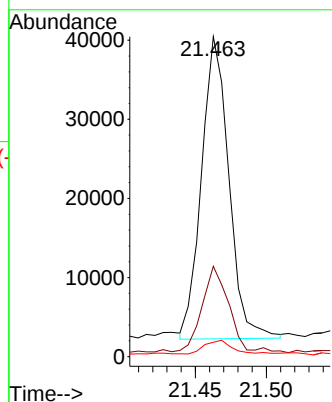
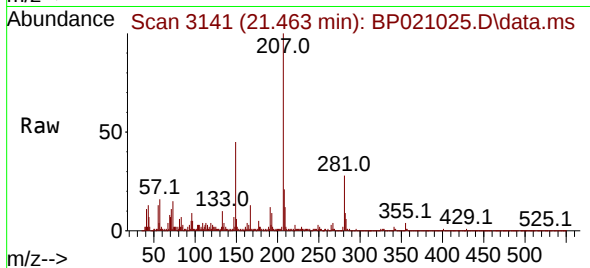
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.242 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. 0.017 min
Lab File: BP021025.D
Acq: 17 Jul 2024 20:20

Instrument :
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ClientSampleId :
A4CJ5

Tgt Ion:149 Resp: 5127
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 4.5 3.7 5.5

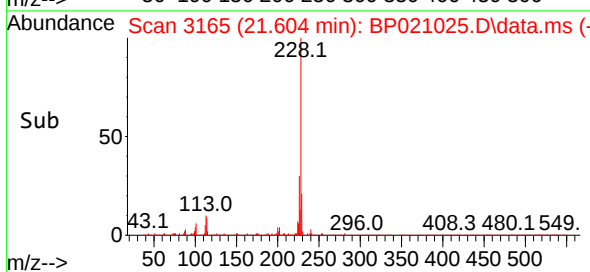
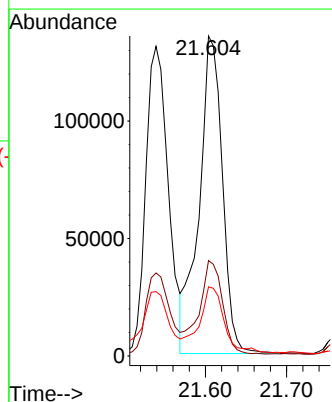
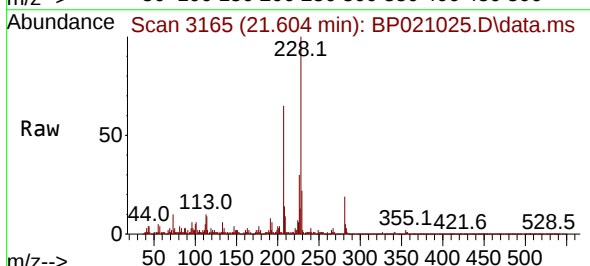
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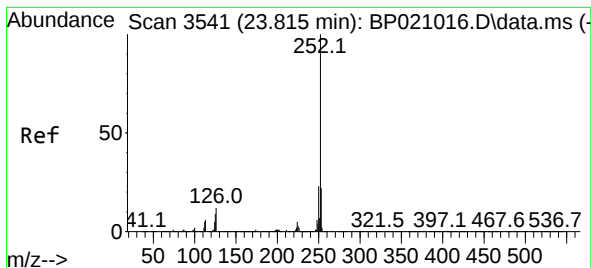
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#87
Chrysene
Concen: 4.583 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP021025.D
Acq: 17 Jul 2024 20:20

Tgt Ion:228 Resp: 270408
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.968 ng/ul

RT: 23.815 min Scan# 315004

Delta R.T. 0.035 min

Lab File: BP021025.D

Acq: 17 Jul 2024 20:20

Instrument :

BNA_P

ClientSampleId :

A4CJ5

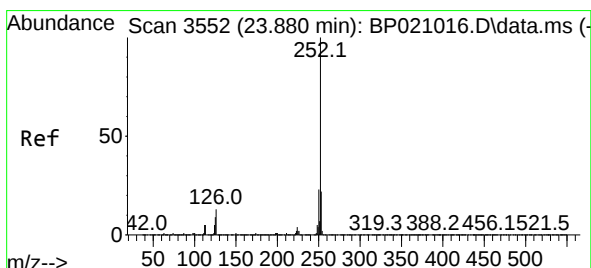
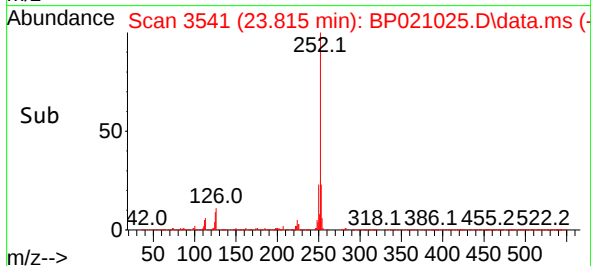
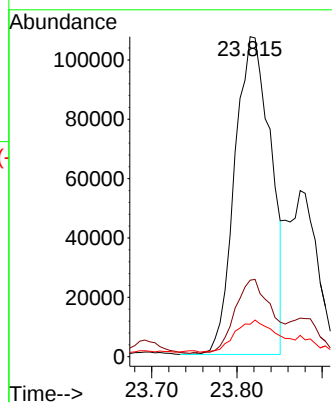
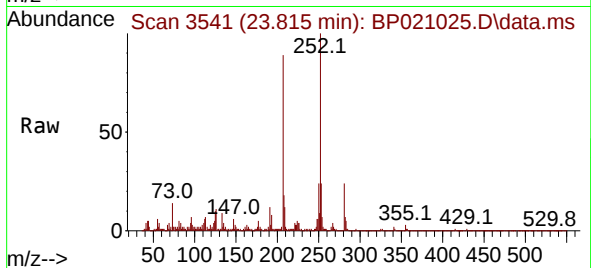
Tgt Ion:252 Resp: 315004
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.1 25.7
 125 10.2 7.0 10.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.174 ng/ul m

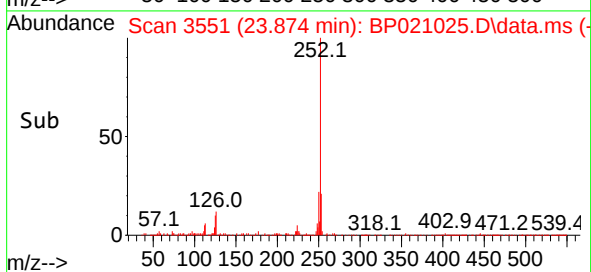
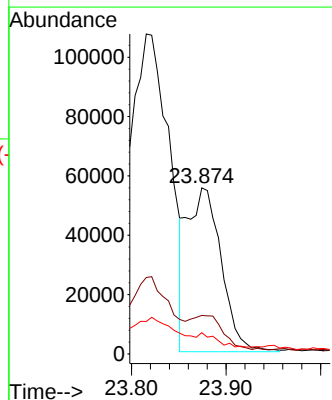
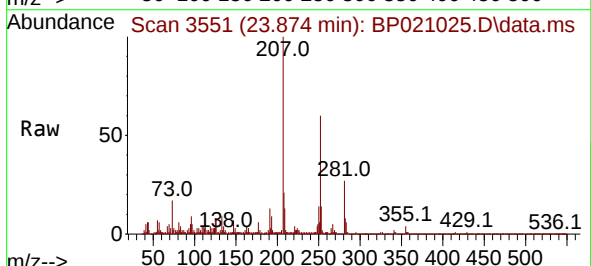
RT: 23.874 min Scan# 3551

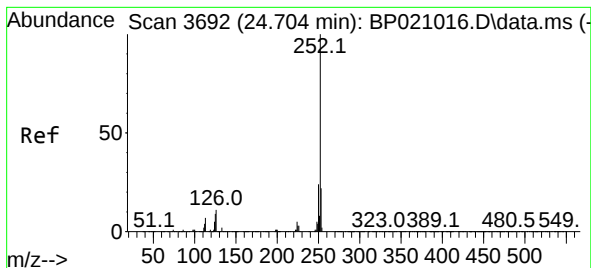
Delta R.T. 0.023 min

Lab File: BP021025.D

Acq: 17 Jul 2024 20:20

Tgt Ion:252 Resp: 137547
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.4 26.2
 125 12.8 7.4 11.0#





#93

Benzo(a)pyrene

Concen: 2.098 ng/ul

RT: 24.692 min Scan# 30

Delta R.T. 0.023 min

Lab File: BP021025.D

Acq: 17 Jul 2024 20:20

Instrument :

BNA_P

ClientSampleId :

A4CJ5

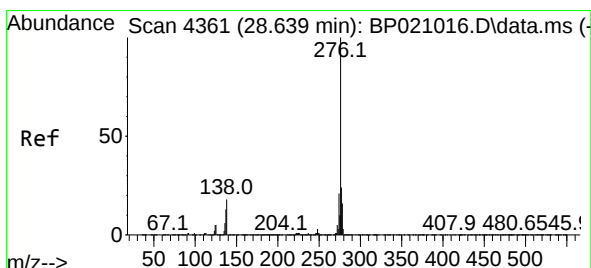
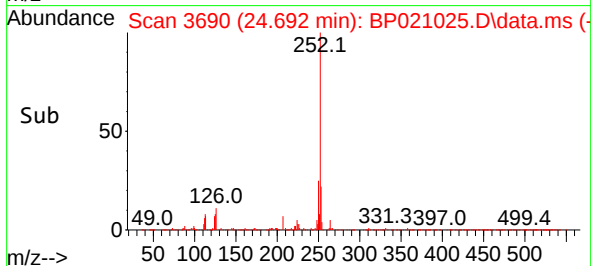
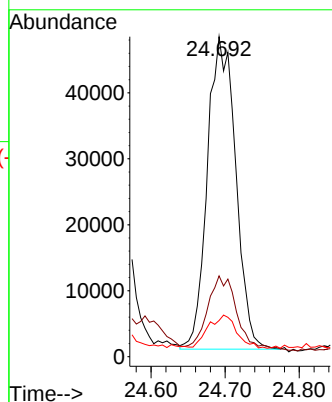
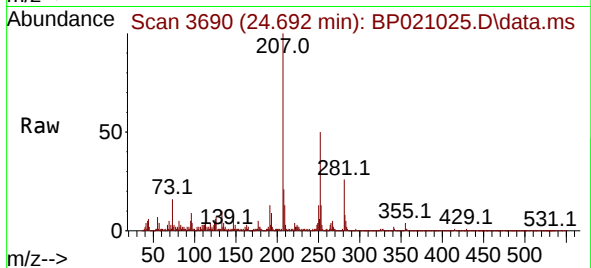
Tgt Ion:	252	Resp:	125738
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.0
125	11.3	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.538 ng/ul

RT: 28.609 min Scan# 4356

Delta R.T. 0.035 min

Lab File: BP021025.D

Acq: 17 Jul 2024 20:20

Tgt Ion:	276	Resp:	118791
Ion Ratio	Lower	Upper	
276	100		
138	21.3	14.3	21.5
277	25.9	19.2	28.8

