

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020819.D
 Acq On : 06 Jul 2024 14:03
 Operator : MA/JU
 Sample : P3010-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B98

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:20:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	242656	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	1012324	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	666729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	1402340	20.000	ng/u1	0.02
79) Chrysene-d12	21.633	240	1269585	20.000	ng/u1	0.01
88) Perylene-d12	24.992	264	1497002	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	18499	3.274	ng/uL	0.00
4) Pyridine-d5	3.693	84	30384	1.845	ng/u1	0.01
7) Phenol-d5	6.934	99	471924	23.712	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.075	67	270665	21.452	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	397652	24.447	ng/u1	0.01
15) 4-Methylphenol-d8	8.440	113	390629	24.166	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	195012	26.092	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	221461	29.610	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	393279	25.527	ng/u1	0.01
31) 4-Chloroaniline-d4	10.640	131	361427	16.740	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1238561	26.718	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	1420043	25.672	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	191845	27.086	ng/u1	0.03
60) Fluorene-d10	15.369	176	1071054	27.457	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	88853	12.573	ng/u1	0.00
73) Anthracene-d10	17.269	188	1675800	26.627	ng/u1	0.00
81) Pyrene-d10	19.663	212	1638733	21.486	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.757	264	1274450	17.501	ng/u1	0.02
Target Compounds					Qvalue	
50) Acenaphthylene	14.075	152	169514	2.713	ng/u1	99
61) Fluorene	15.422	166	62503	1.393	ng/u1	97
72) Phenanthrene	17.222	178	1228919	16.735	ng/u1	99
74) Anthracene	17.304	178	443511	5.871	ng/u1	99
80) Fluoranthene	19.316	202	2710118	29.089	ng/u1	97
82) Pyrene	19.692	202	2315488	24.234	ng/u1	99
85) Benzo(a)anthracene	21.610	228	1479030	16.621	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.539	149	102193	1.855	ng/u1#	99
87) Chrysene	21.680	228	1359709	16.165	ng/u1	98
90) Benzo(b)fluoranthene	23.927	252	1604731	17.695	ng/u1	98
91) Benzo(k)fluoranthene	23.980	252	568045	6.192	ng/u1	96
93) Benzo(a)pyrene	24.833	252	709291	8.285	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.821	276	570509	5.195	ng/u1	97
95) Dibenzo(a,h)anthracene	28.880	278	217536m	2.410	ng/u1	

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

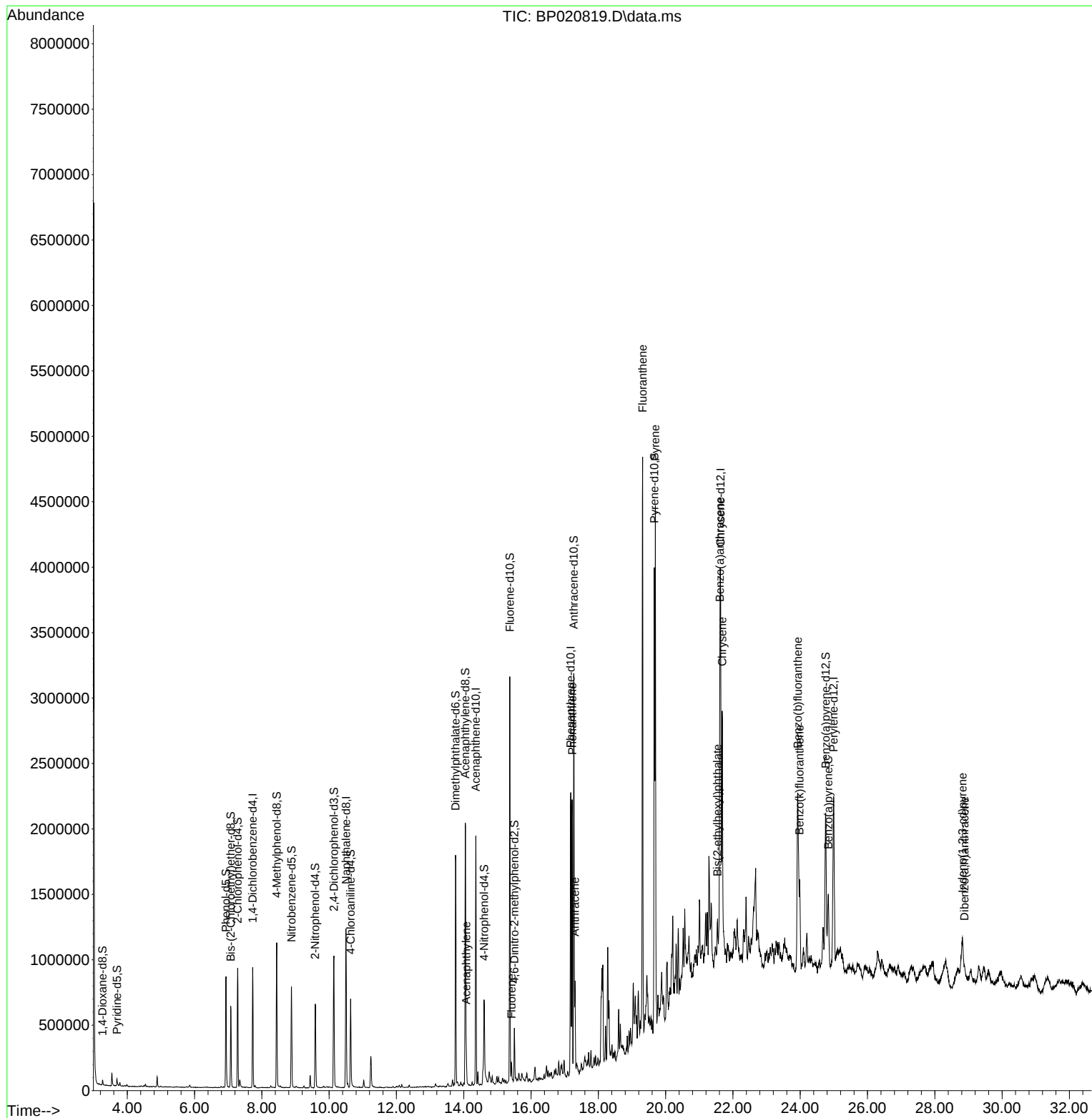
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020819.D
Acq On : 06 Jul 2024 14:03
Operator : MA/JU
Sample : P3010-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

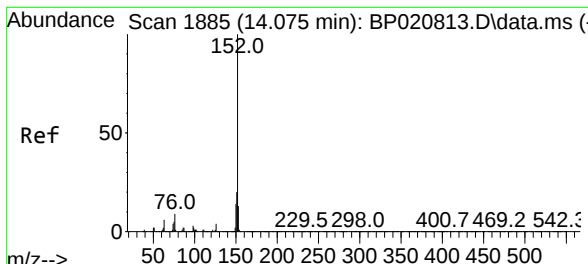
Instrument :
BNA_P
ClientSampleId :
A4B98

Quant Time: Jul 07 23:20:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
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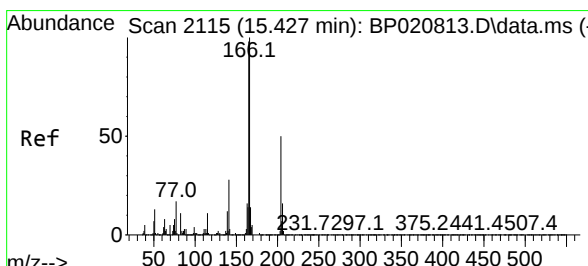
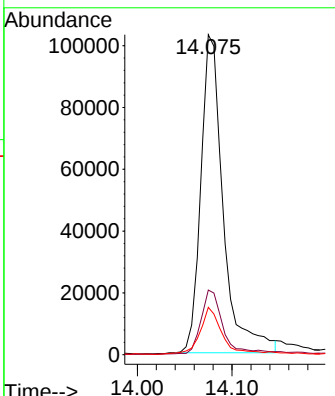
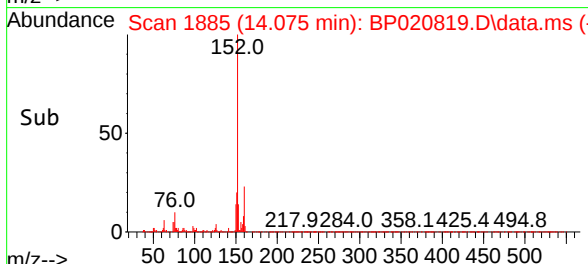
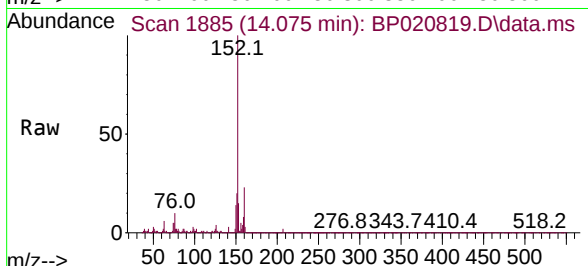
#50
 Acenaphthylene
 Concen: 2.713 ng/ul
 RT: 14.075 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: BP020819.D
 Acq: 06 Jul 2024 14:03

Instrument : BNA_P
 ClientSampleId : A4B98

Tgt Ion:	152	Resp:	169514
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	14.8	10.8	16.2

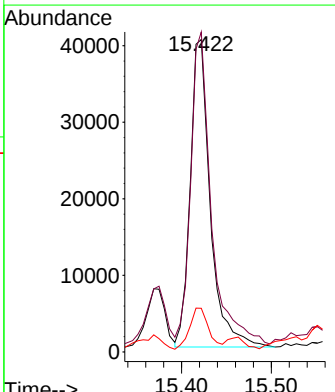
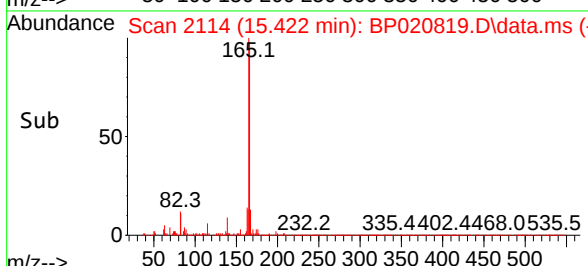
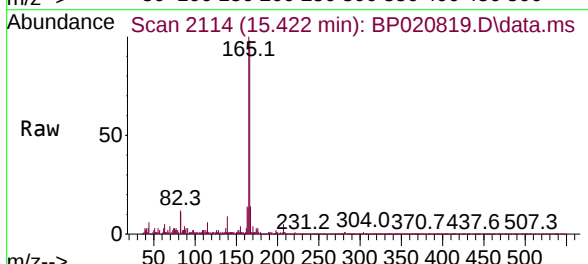
Manual Integrations
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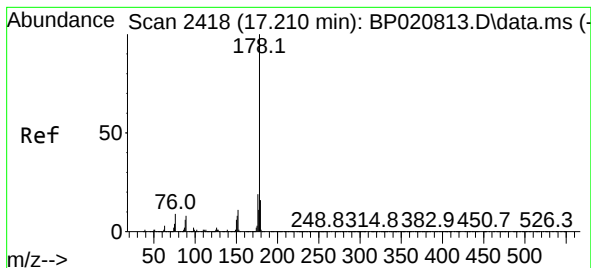
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#61
 Fluorene
 Concen: 1.393 ng/ul
 RT: 15.422 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BP020819.D
 Acq: 06 Jul 2024 14:03

Tgt Ion:	166	Resp:	62503
Ion Ratio	Lower	Upper	
166	100		
165	102.4	78.8	118.2
167	14.0	11.2	16.8





#72

Phenanthrene

Concen: 16.735 ng/ul

RT: 17.222 min Scan# 2418

Delta R.T. 0.018 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

Instrument :

BNA_P

ClientSampleId :

A4B98

Tgt Ion:178 Resp: 1228919

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

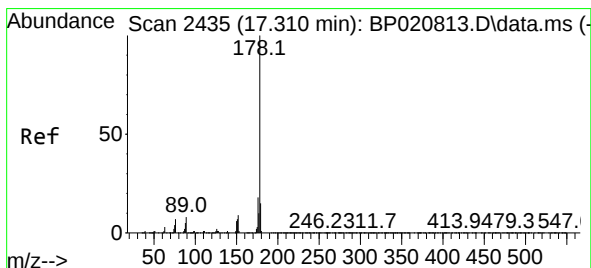
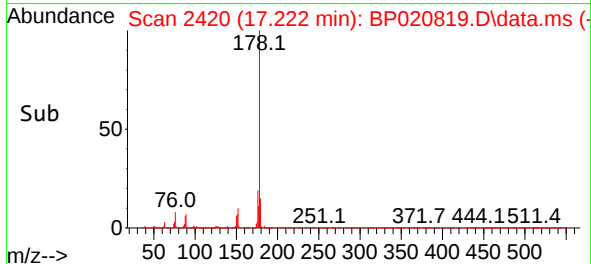
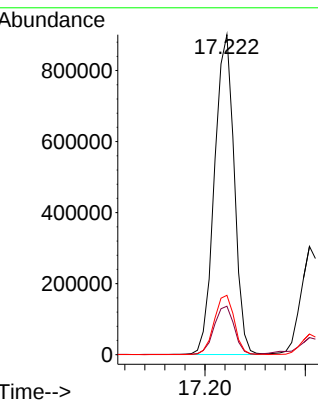
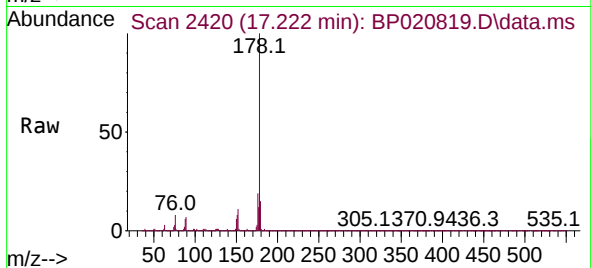
176 18.6 15.4 23.2

Manual Integrations

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#74

Anthracene

Concen: 5.871 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

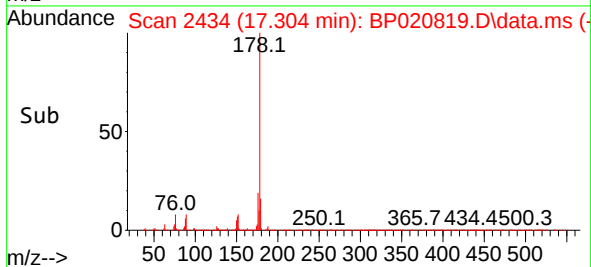
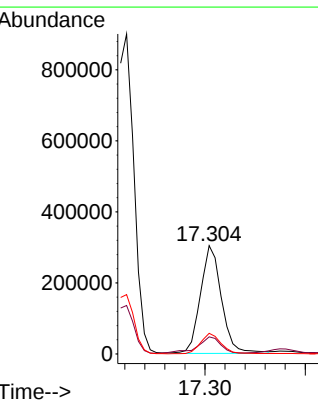
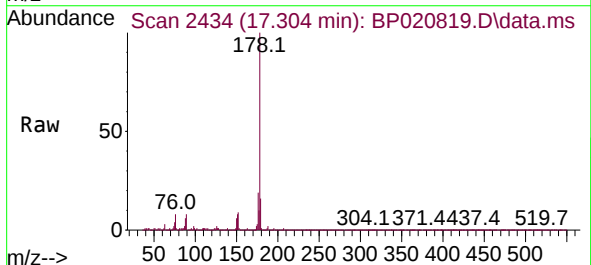
Tgt Ion:178 Resp: 443511

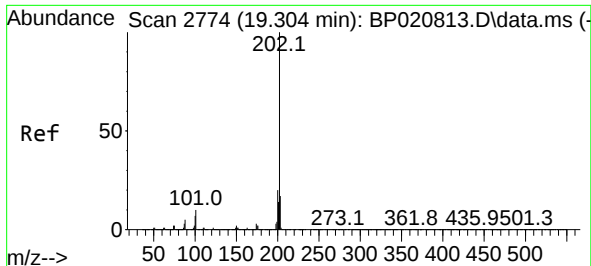
Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

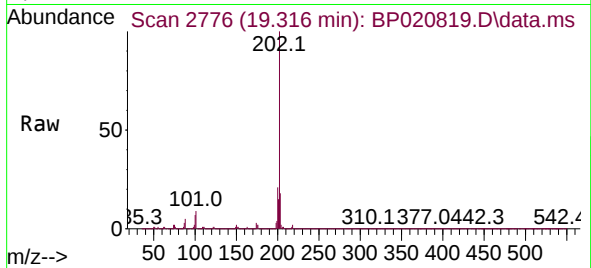
176 19.0 15.0 22.4





#80
Fluoranthene
Concen: 29.089 ng/u1
RT: 19.316 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP020819.D
Acq: 06 Jul 2024 14:03

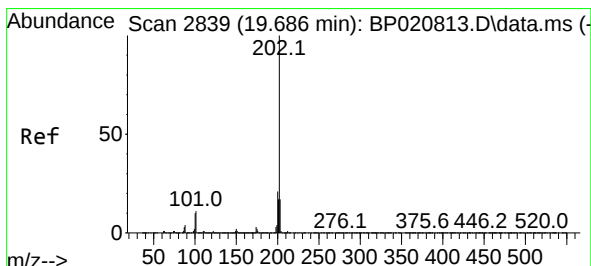
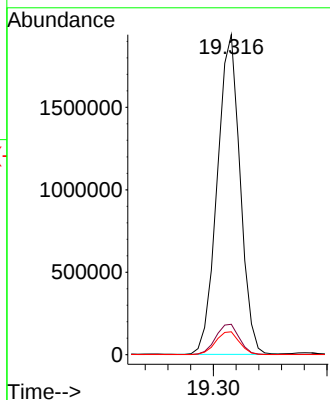
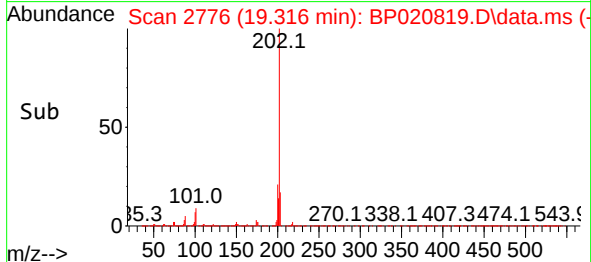
Instrument :
BNA_P
ClientSampleId :
A4B98



Tgt Ion:202 Resp: 2710118
Ion Ratio Lower Upper
202 100
101 9.5 8.2 12.4
100 7.1 6.6 10.0

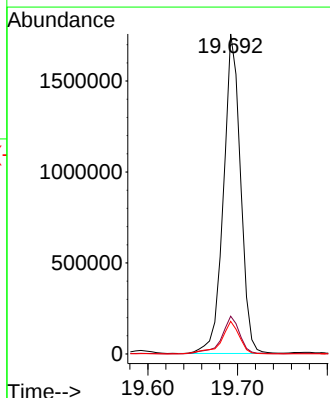
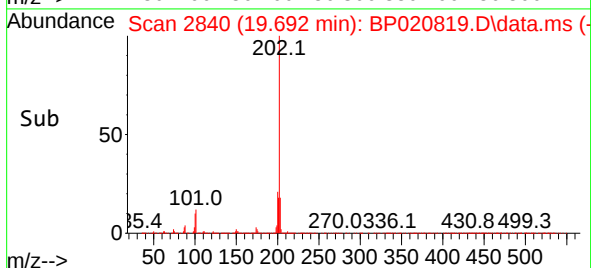
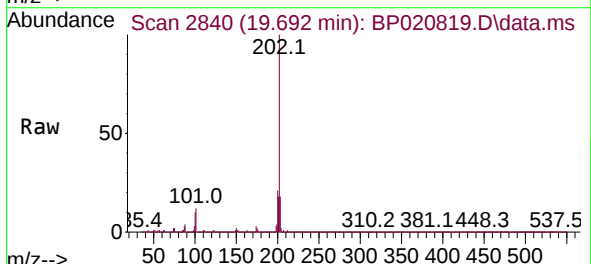
Manual Integrations
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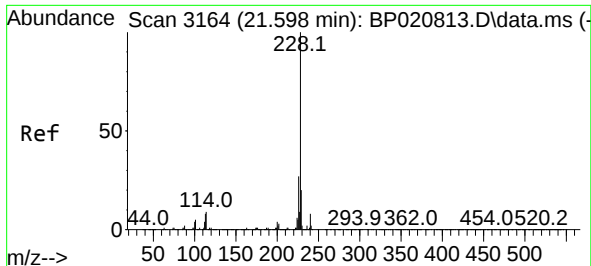
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#82
Pyrene
Concen: 24.234 ng/u1
RT: 19.692 min Scan# 2840
Delta R.T. 0.012 min
Lab File: BP020819.D
Acq: 06 Jul 2024 14:03

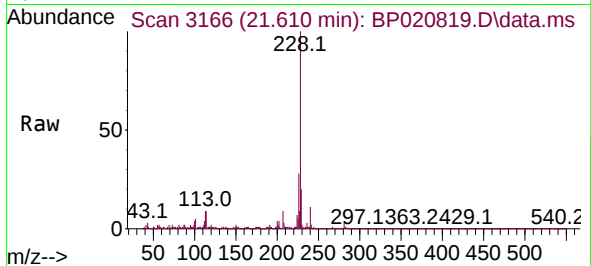
Tgt Ion:202 Resp: 2315488
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 10.2 7.9 11.9





#85
Benzo(a)anthracene
Concen: 16.621 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP020819.D
Acq: 06 Jul 2024 14:03

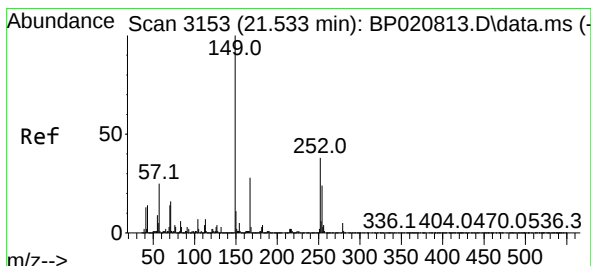
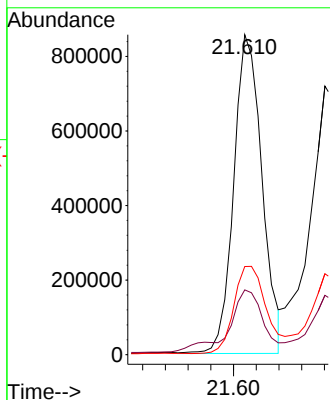
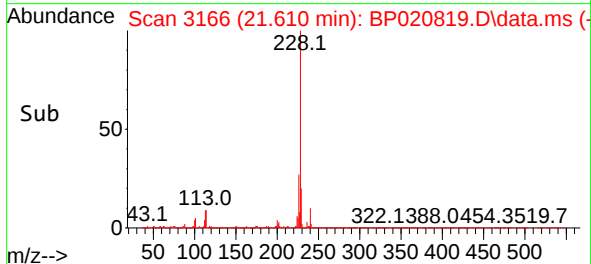
Instrument :
BNA_P
ClientSampleId :
A4B98



Tgt Ion:228 Resp: 1479030
Ion Ratio Lower Upper
228 100
229 20.2 15.2 22.8
226 27.5 21.1 31.7

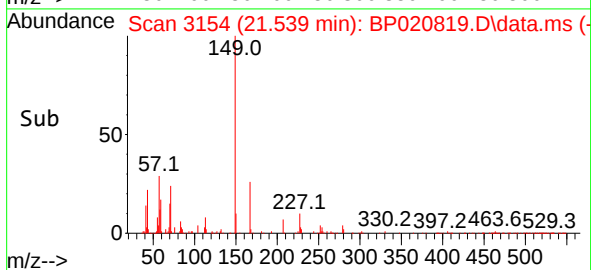
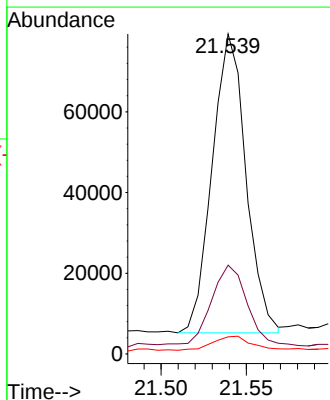
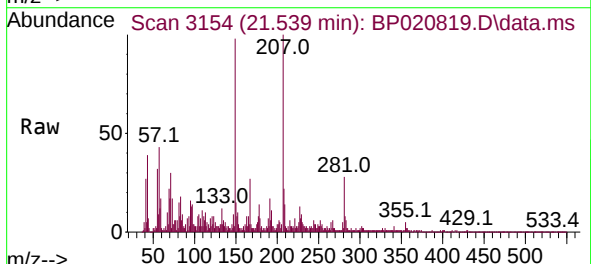
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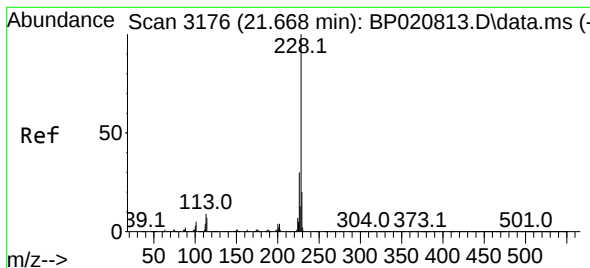
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.855 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP020819.D
Acq: 06 Jul 2024 14:03

Tgt Ion:149 Resp: 102193
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 5.4 3.3 4.9#





#87

Chrysene

Concen: 16.165 ng/ul

RT: 21.680 min Scan# 3176

Delta R.T. 0.012 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

Instrument :

BNA_P

ClientSampleId :

A4B98

Tgt Ion:228 Resp: 1359709

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

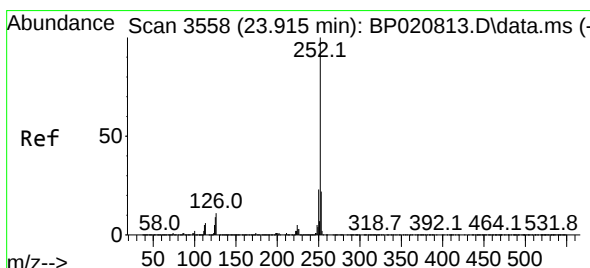
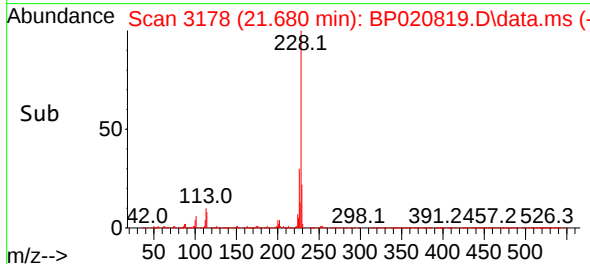
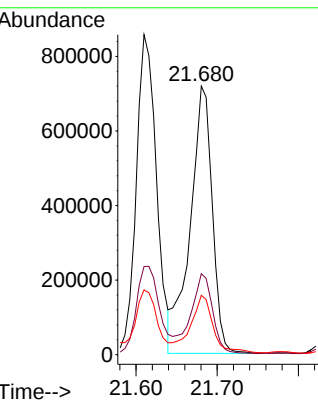
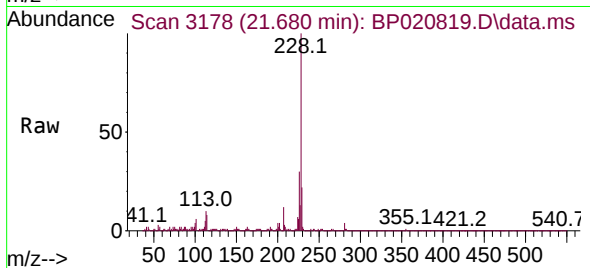
229 22.1 16.1 24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#90

Benzo(b)fluoranthene

Concen: 17.695 ng/ul

RT: 23.927 min Scan# 3560

Delta R.T. 0.024 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

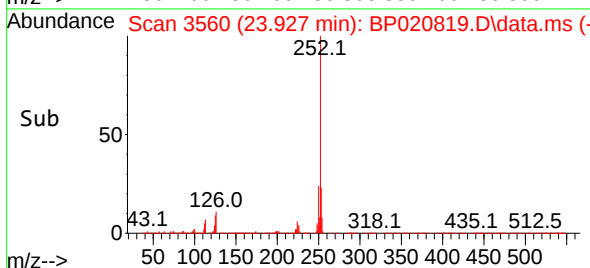
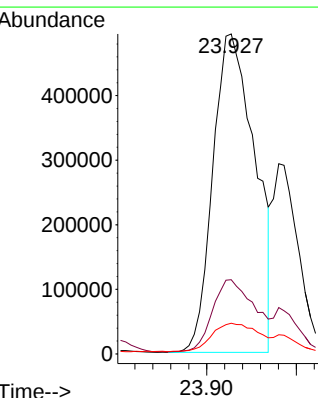
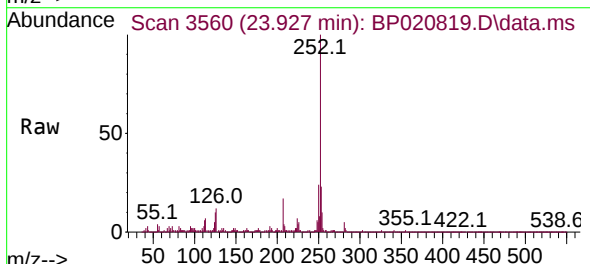
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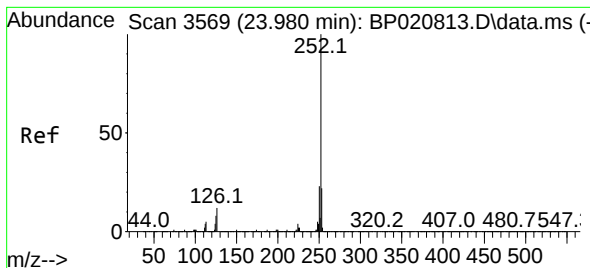
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 9.6 7.9 11.9





#91

Benzo(k)fluoranthene

Concen: 6.192 ng/u1

RT: 23.980 min Scan# 3569

Delta R.T. 0.006 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

Instrument :

BNA_P

ClientSampleId :

A4B98

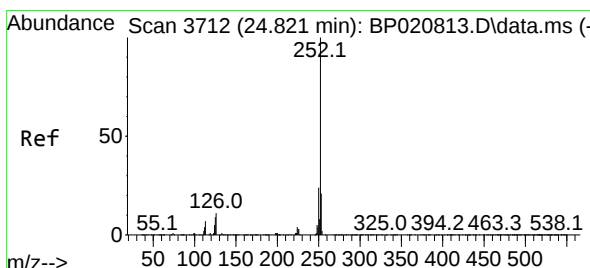
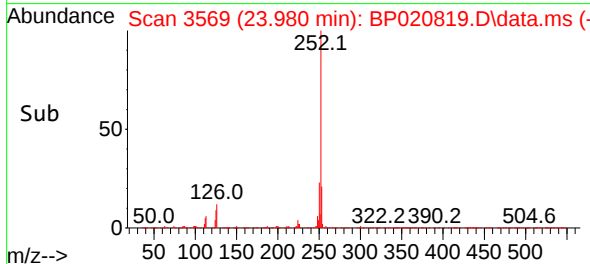
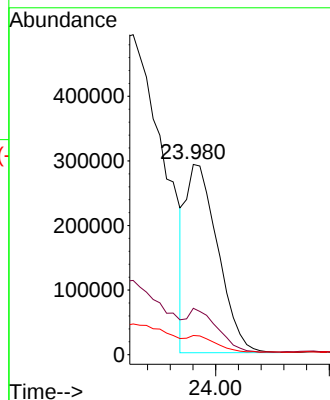
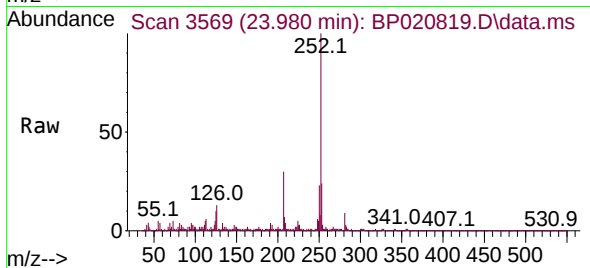
Tgt Ion:252	Resp: 56804
Ion Ratio	Lower Upper
252 100	
253 24.4	17.6 26.4
125 10.1	7.9 11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#93

Benzo(a)pyrene

Concen: 8.285 ng/u1

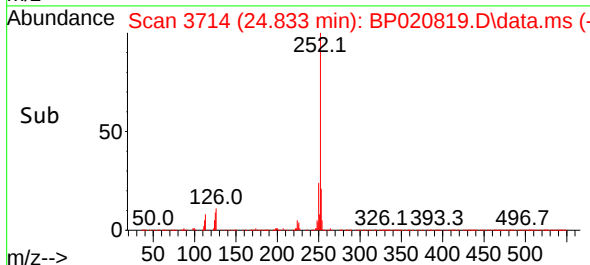
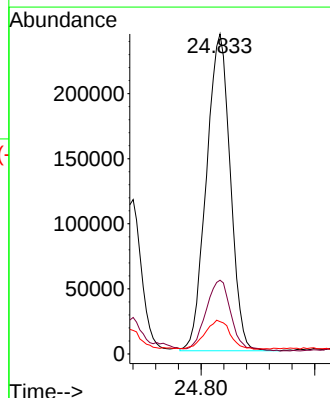
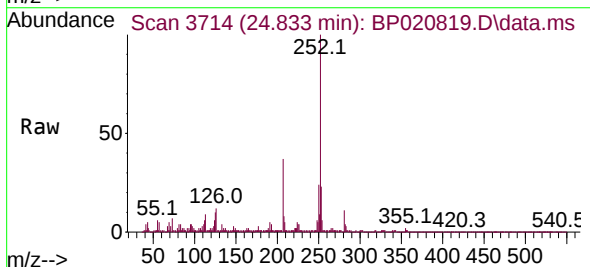
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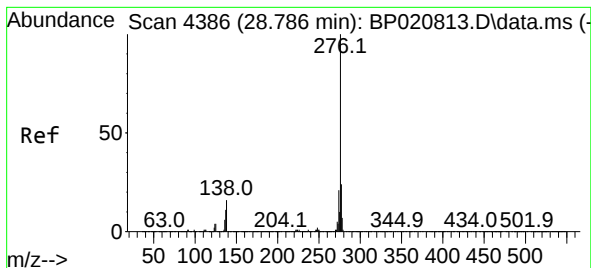
Delta R.T. 0.024 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

Tgt Ion:252	Resp: 709291
Ion Ratio	Lower Upper
252 100	
253 23.1	17.4 26.2
125 10.1	8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.195 ng/ul

RT: 28.821 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

Instrument :

BNA_P

ClientSampleId :

A4B98

Tgt Ion:276 Resp: 570509

Ion Ratio Lower Upper

276 100

138 17.4 15.2 22.8

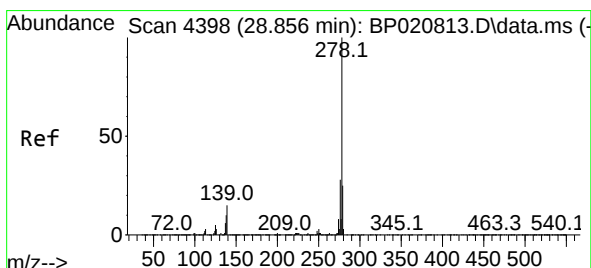
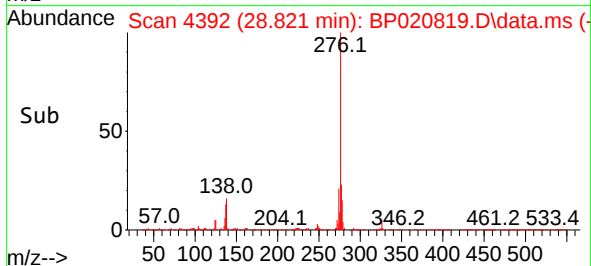
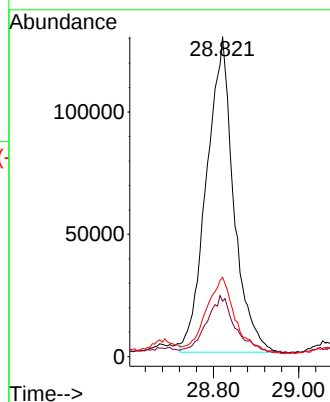
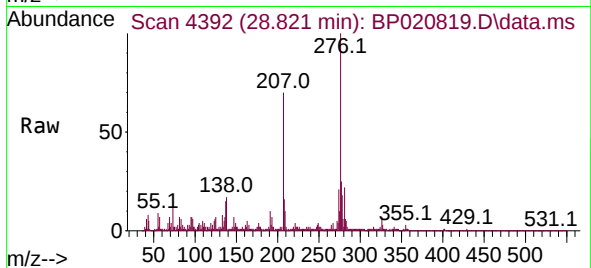
277 24.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.410 ng/ul m

RT: 28.880 min Scan# 4402

Delta R.T. 0.041 min

Lab File: BP020819.D

Acq: 06 Jul 2024 14:03

Tgt Ion:278 Resp: 217536

Ion Ratio Lower Upper

278 100

139 16.2 11.1 16.7

279 28.4 18.7 28.1#

