

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020842.D
 Acq On : 08 Jul 2024 22:18
 Operator : MA/JU
 Sample : P3035-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CB9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 23:08:41 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	123683	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	512961	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	344810	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	728498	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	693096	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	793320	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	19700	6.840	ng/uL	0.00
4) Pyridine-d5	3.687	84	20911	2.491	ng/u1	0.00
7) Phenol-d5	6.916	99	396210	39.057	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	244706	38.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	336088	40.538	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	310250	37.656	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	160677	42.427	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	184789	48.758	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	321116	41.133	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	356911	32.623	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1016400	42.395	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1137390	39.759	ng/u1	0.01
54) 4-Nitrophenol-d4	14.610	143	136787	37.343	ng/u1	0.03
60) Fluorene-d10	15.375	176	866252	42.939	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	137920	37.568	ng/u1	0.01
73) Anthracene-d10	17.275	188	1334441	40.815	ng/u1	0.01
81) Pyrene-d10	19.663	212	1433834	34.435	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.739	264	1113089	28.844	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.216	178	226850	5.947	ng/u1	99
74) Anthracene	17.310	178	46863	1.194	ng/u1	98
80) Fluoranthene	19.310	202	466202	9.166	ng/u1	100
82) Pyrene	19.686	202	338234	6.484	ng/u1	99
85) Benzo(a)anthracene	21.604	228	217496	4.477	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	42370	1.409	ng/u1#	97
87) Chrysene	21.674	228	217325	4.733	ng/u1	99
90) Benzo(b)fluoranthene	23.909	252	278626	5.797	ng/u1	98
91) Benzo(k)fluoranthene	23.974	252	88685	1.824	ng/u1	95
93) Benzo(a)pyrene	24.809	252	110558	2.437	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.768	276	97491m	1.675	ng/u1	

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

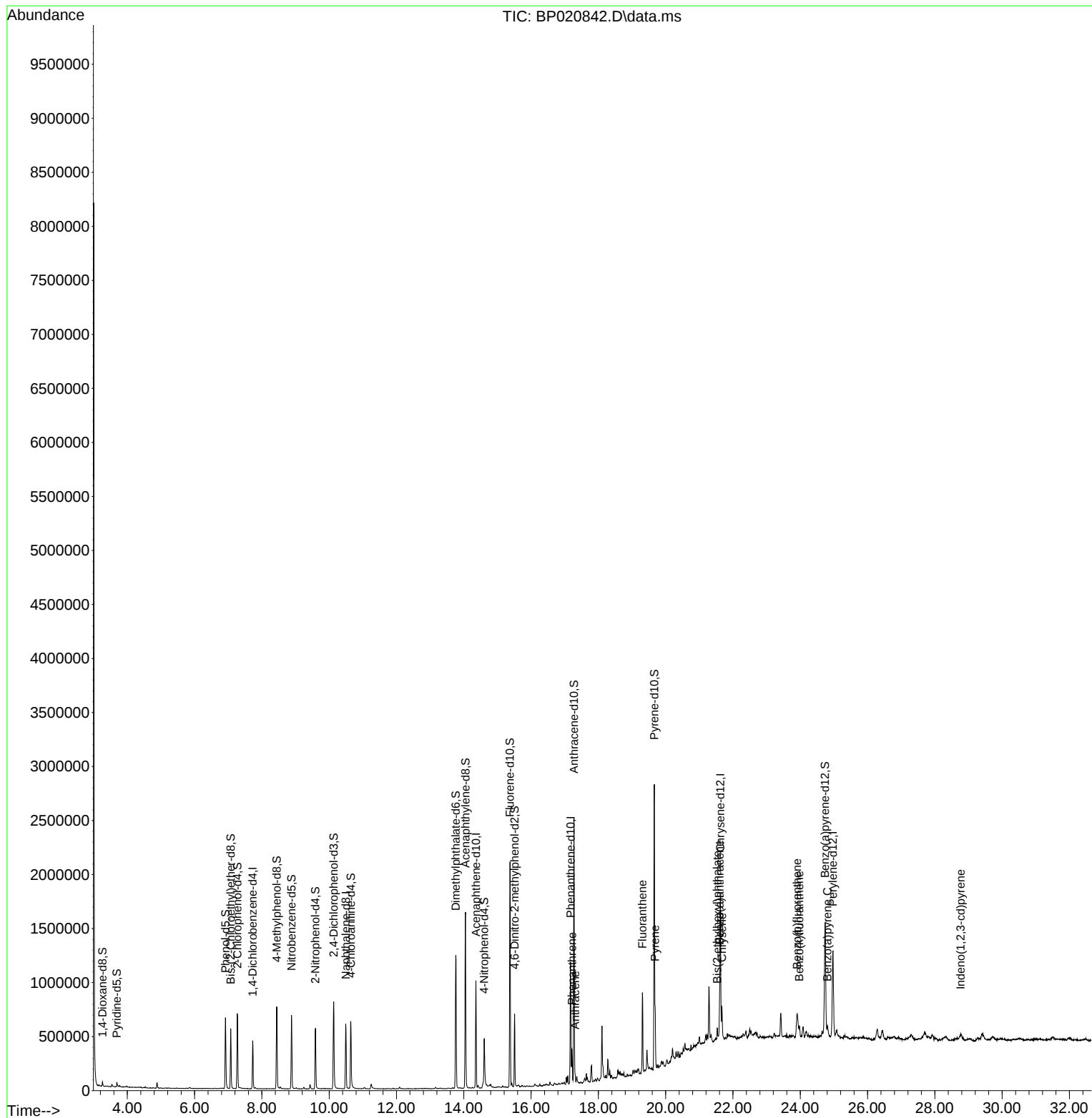
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
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ALS Vial : 15 Sample Multiplier: 1

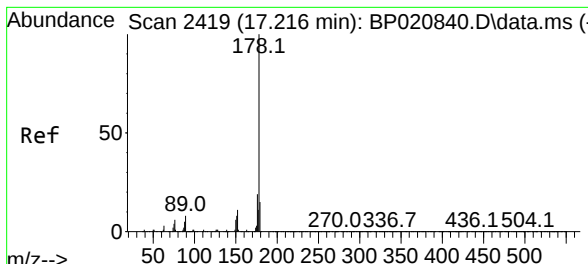
Instrument :
BNA_P
ClientSampleId :
A4CB9

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Quant Title : SVOA CALIBRATION
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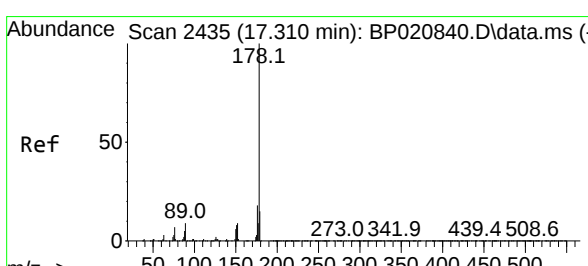
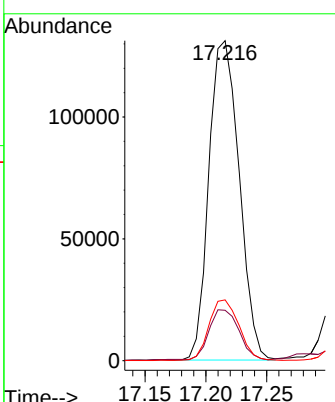
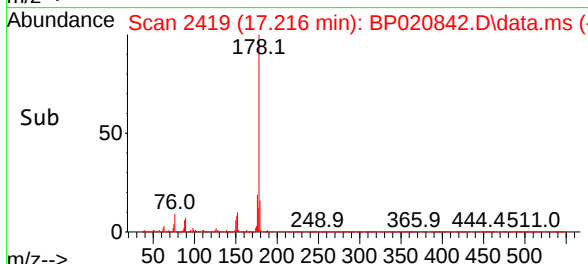
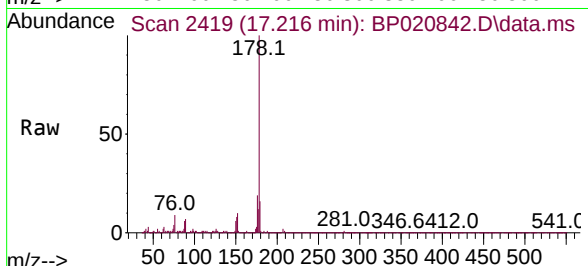


#72
 Phenanthrene
 Concen: 5.947 ng/ul
 RT: 17.216 min Scan# 2419
 Delta R.T. 0.012 min
 Lab File: BP020842.D
 Acq: 08 Jul 2024 22:18

Instrument : BNA_P
 ClientSampleId : A4CB9

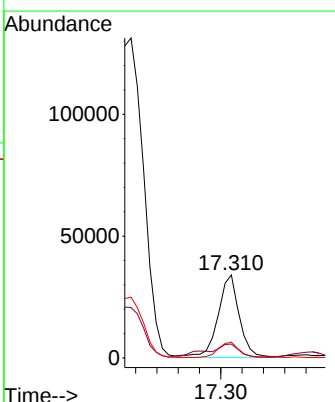
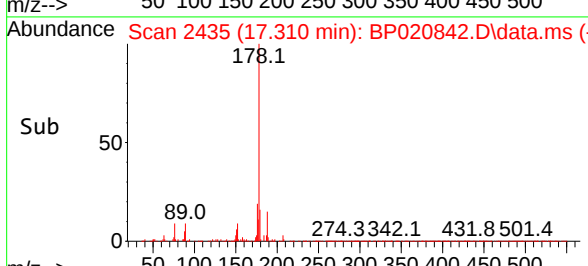
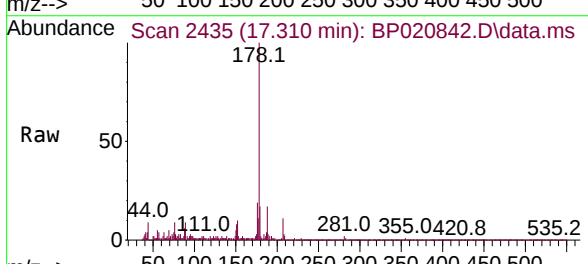
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Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	19.0	15.4	23.2

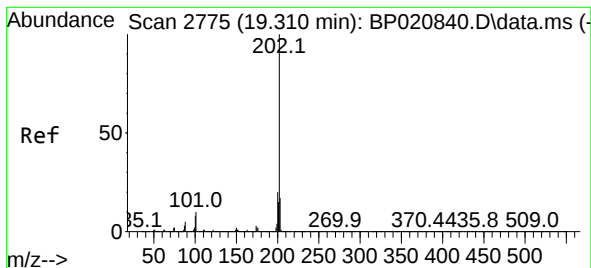
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 Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



#74
 Anthracene
 Concen: 1.194 ng/ul
 RT: 17.310 min Scan# 2435
 Delta R.T. 0.012 min
 Lab File: BP020842.D
 Acq: 08 Jul 2024 22:18

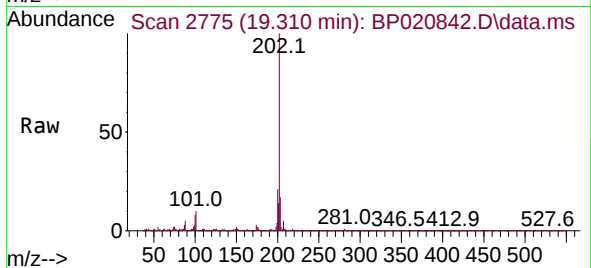
Tgt Ion:	178	Resp:	46863
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.1	18.1
176	19.2	15.0	22.4





#80
Fluoranthene
Concen: 9.166 ng/ul
RT: 19.310 min Scan# 2775
Delta R.T. 0.012 min
Lab File: BP020842.D
Acq: 08 Jul 2024 22:18

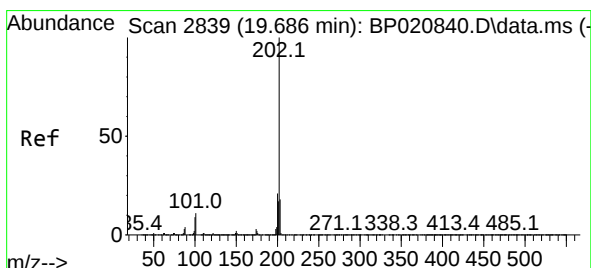
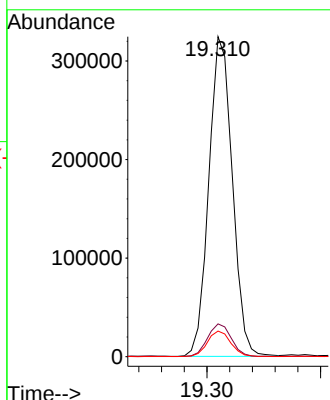
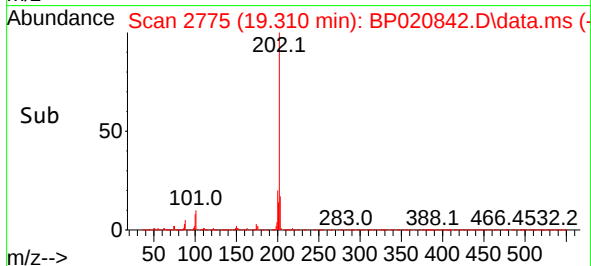
Instrument :
BNA_P
ClientSampleId :
A4CB9



Tgt Ion:202 Resp: 466202
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.4
100 8.0 6.6 10.0

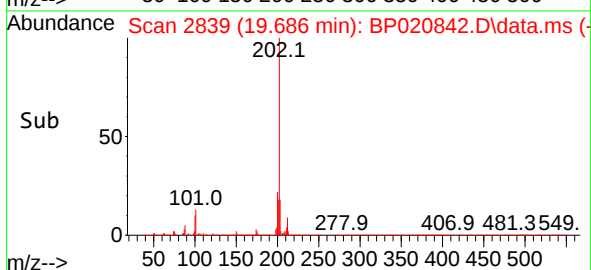
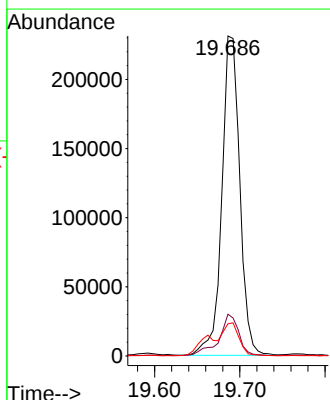
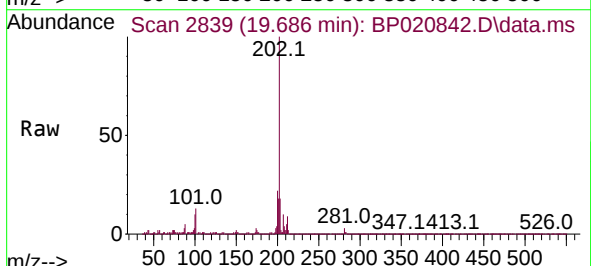
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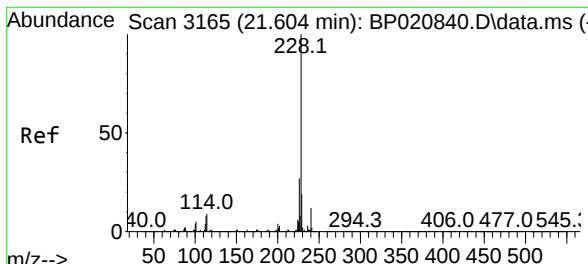
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#82
Pyrene
Concen: 6.484 ng/ul
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP020842.D
Acq: 08 Jul 2024 22:18

Tgt Ion:202 Resp: 338234
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 10.0 7.9 11.9





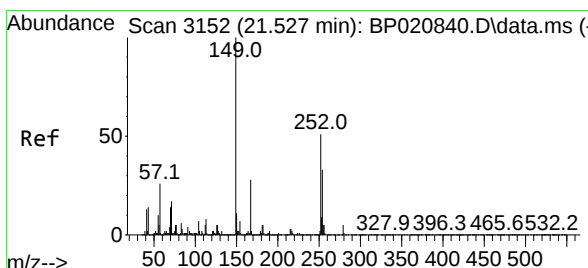
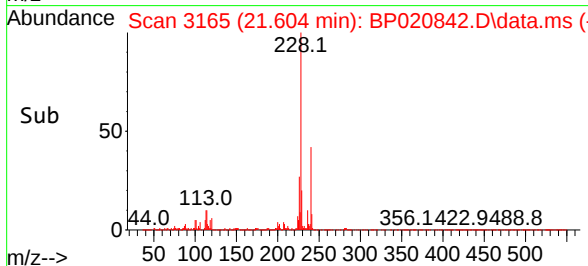
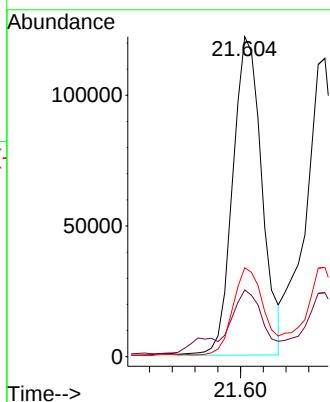
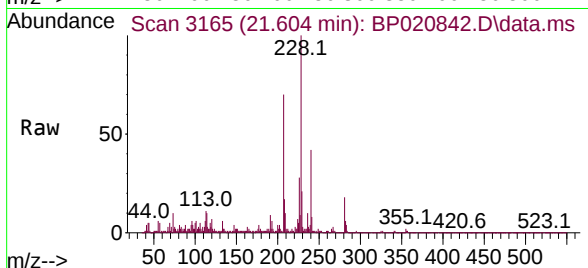
#85
Benzo(a)anthracene
Concen: 4.477 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020842.D
Acq: 08 Jul 2024 22:18

Instrument : BNA_P
ClientSampleId : A4CB9

Tgt Ion:	228	Resp:	217490
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.2	22.8
226	27.8	21.1	31.7

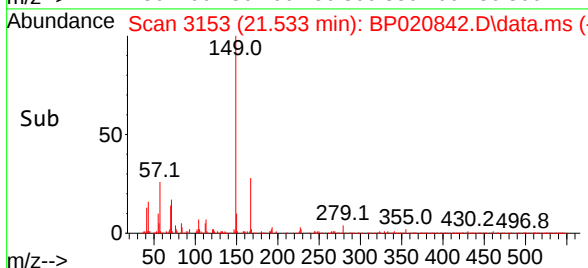
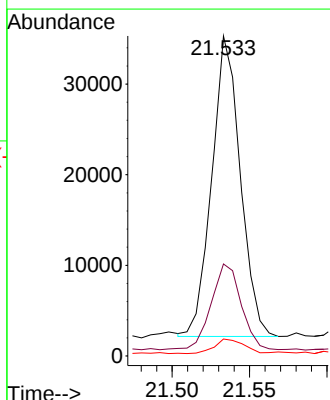
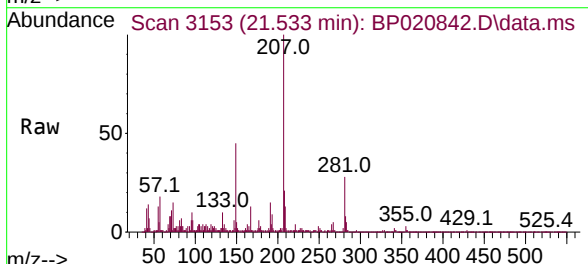
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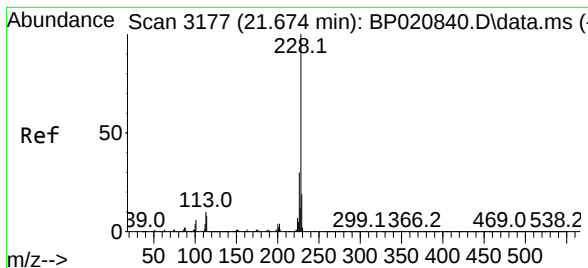
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.409 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020842.D
Acq: 08 Jul 2024 22:18

Tgt Ion:	149	Resp:	42370
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.0	33.0
279	5.3	3.3	4.9





#87

Chrysene

Concen: 4.733 ng/u1

RT: 21.674 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP020842.D

Acq: 08 Jul 2024 22:18

Instrument :

BNA_P

ClientSampleId :

A4CB9

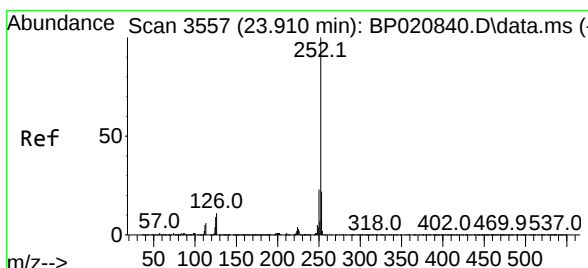
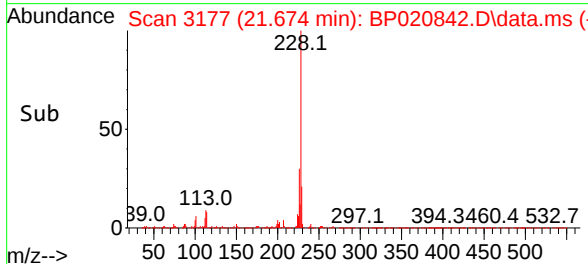
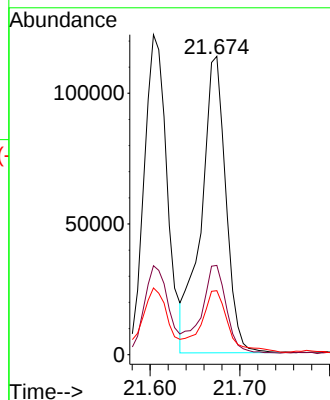
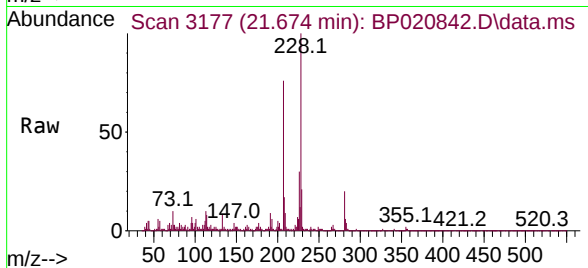
Tgt Ion:	228	Resp:	21732
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	21.5	16.1	24.1

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 5.797 ng/u1

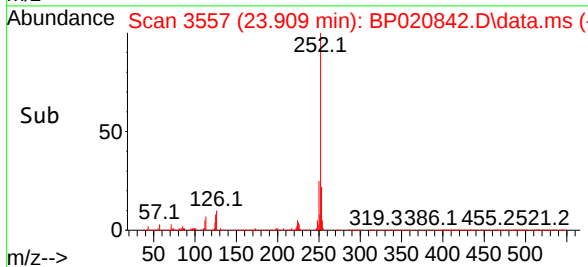
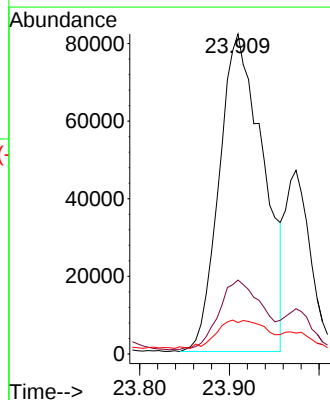
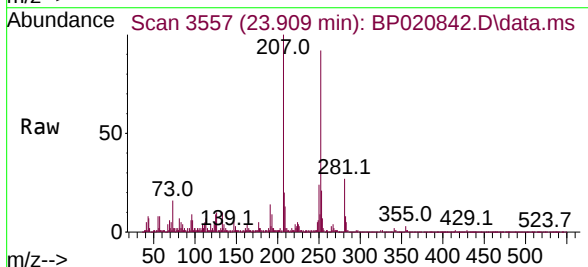
RT: 23.909 min Scan# 3557

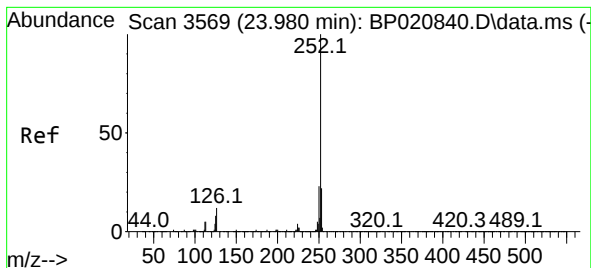
Delta R.T. 0.006 min

Lab File: BP020842.D

Acq: 08 Jul 2024 22:18

Tgt Ion:	252	Resp:	278626
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	9.8	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 1.824 ng/ul

RT: 23.974 min Scan# 3569

Delta R.T. -0.000 min

Lab File: BP020842.D

Acq: 08 Jul 2024 22:18

Instrument :

BNA_P

ClientSampleId :

A4CB9

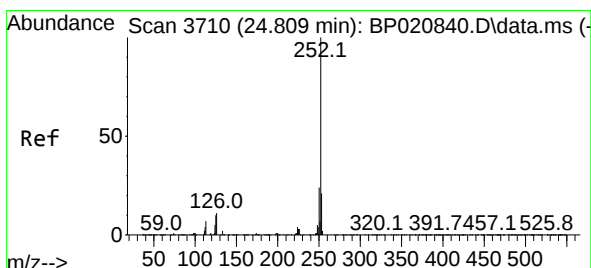
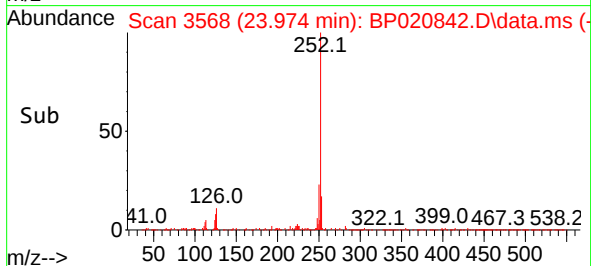
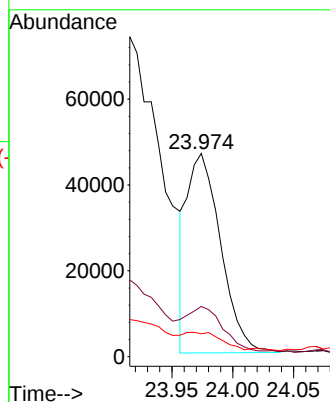
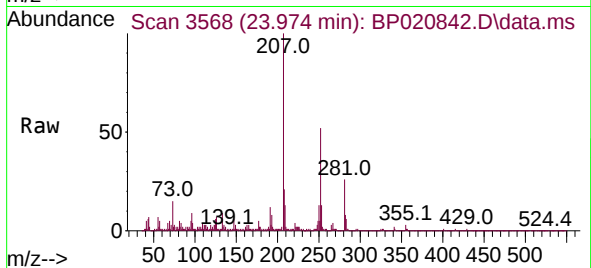
Tgt Ion:	252	Resp:	8868
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.6	26.4
125	11.3	7.9	11.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.437 ng/ul

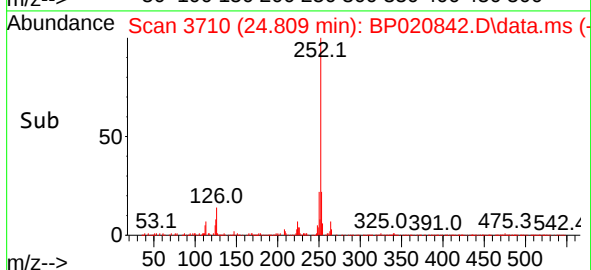
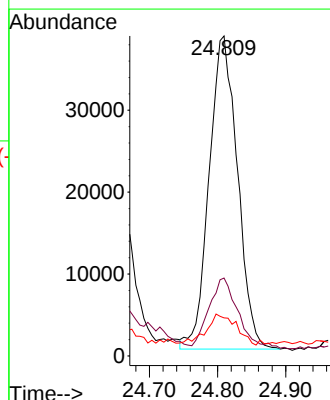
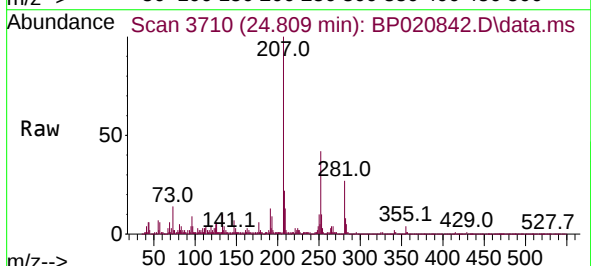
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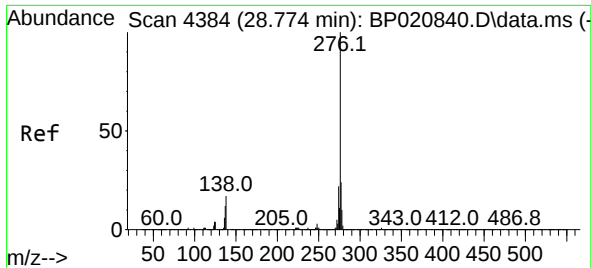
Delta R.T. -0.000 min

Lab File: BP020842.D

Acq: 08 Jul 2024 22:18

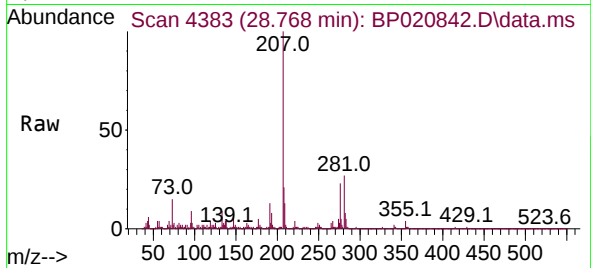
Tgt Ion:	252	Resp:	110558
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.2
125	11.9	8.7	13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.675 ng/ul m
 RT: 28.768 min Scan# 4384
 Delta R.T. 0.006 min
 Lab File: BP020842.D
 Acq: 08 Jul 2024 22:18

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 9749
 Ion Ratio Lower Upper
 276 100
 138 17.4 15.2 22.8
 277 23.2 19.0 28.4

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