

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021272.D
 Acq On : 31 Jul 2024 22:59
 Operator : CG/JU
 Sample : P3264-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BD8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 01 02:10:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

08/01/2024
 Supervised By :mohammad
 ahmed

09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	143836	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	572392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	391048	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	864506	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	921841	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1102611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	6141	1.943	ng/uL	-0.01
4) Pyridine-d5	3.629	84	8313m	0.908	ng/u1	0.04
7) Phenol-d5	6.870	99	125921	10.738	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.987	67	74319	10.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	114907	11.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	105762	10.859	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	52278	11.759	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	61194	12.026	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	110003	11.955	ng/u1	0.02
31) 4-Chloroaniline-d4	10.575	131	99404	8.155	ng/u1	0.02
46) Dimethylphthalate-d6	13.681	166	389666	13.708	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	425229	13.322	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	43473m	10.748	ng/u1	0.03
60) Fluorene-d10	15.281	176	342405	14.682	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	48724	9.315	ng/u1	0.00
73) Anthracene-d10	17.187	188	546528	14.234	ng/u1	0.00
81) Pyrene-d10	19.575	212	635140	11.144	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	550243	10.118	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.128	178	329282	7.342	ng/u1	99
74) Anthracene	17.228	178	90405	1.977	ng/u1	98
80) Fluoranthene	19.234	202	623000	9.052	ng/u1	96
82) Pyrene	19.610	202	477229	6.814	ng/u1	96
85) Benzo(a)anthracene	21.510	228	418322	6.478	ng/u1	99
87) Chrysene	21.581	228	355833	5.930	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	390186	5.831	ng/u1	97
91) Benzo(k)fluoranthene	23.857	252	148215	2.220	ng/u1	94
93) Benzo(a)pyrene	24.669	252	165725	2.621	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.598	276	125493	1.540	ng/u1	94

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

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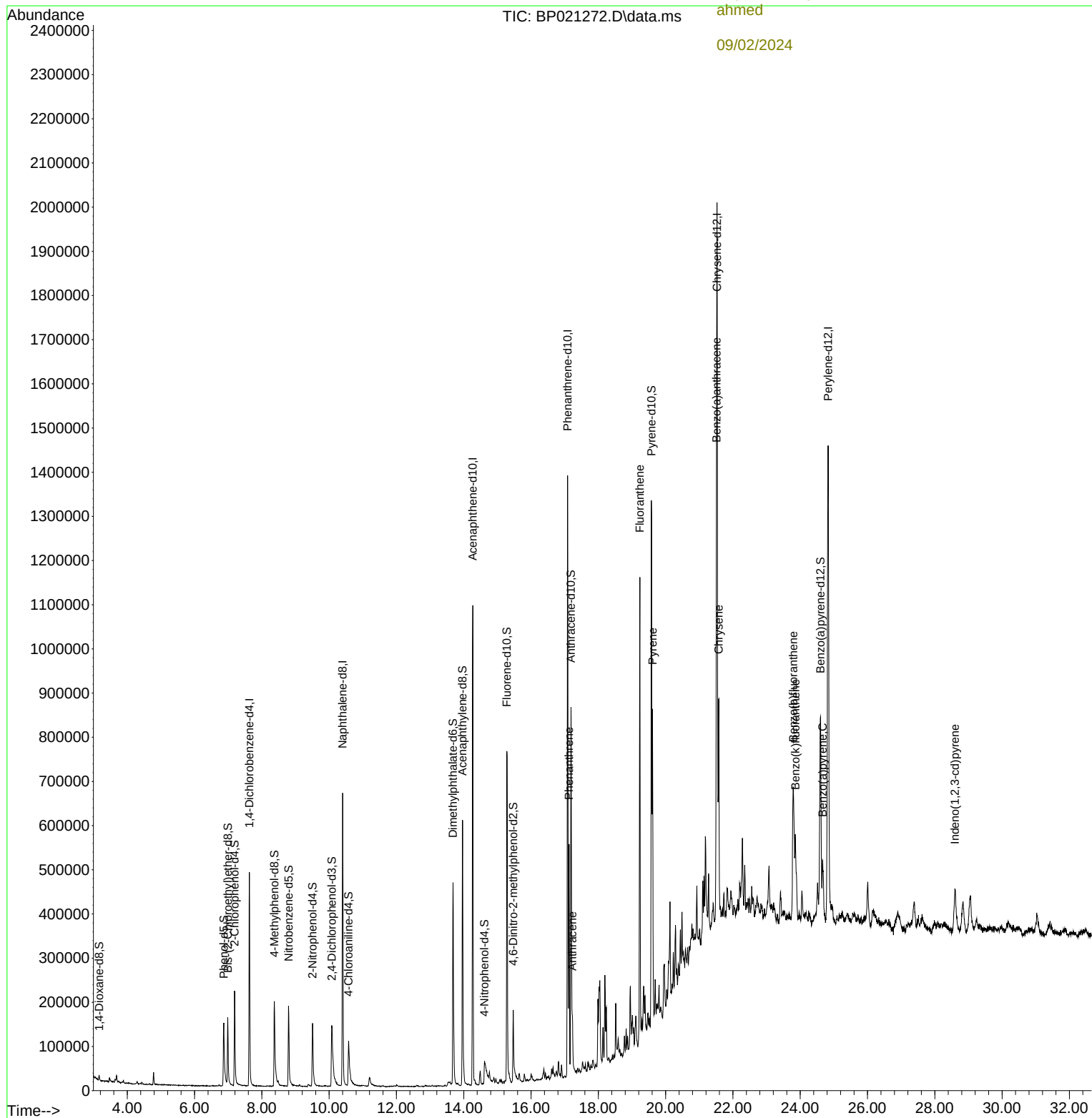
Quant Time: Aug 01 02:10:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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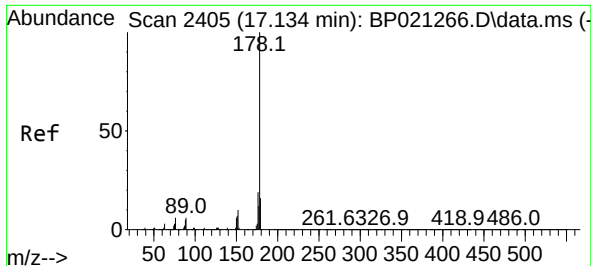
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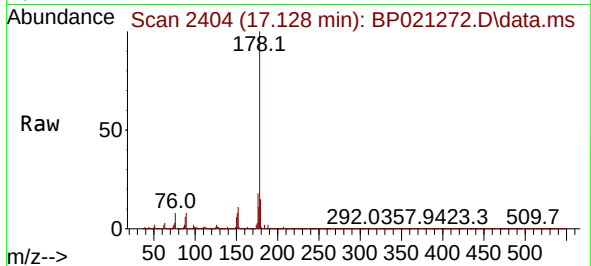
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#72
Phenanthrene
Concen: 7.342 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BP021272.D
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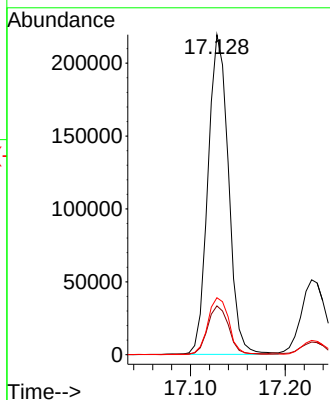
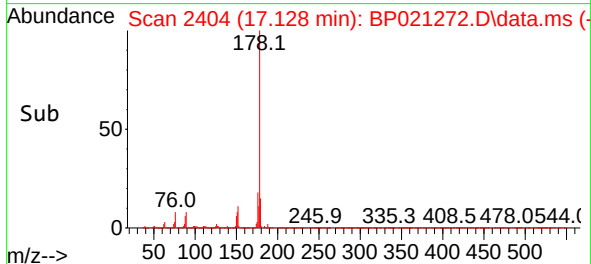
Instrument :
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Tgt Ion:178 Resp: 32928
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 17.8 15.0 22.4

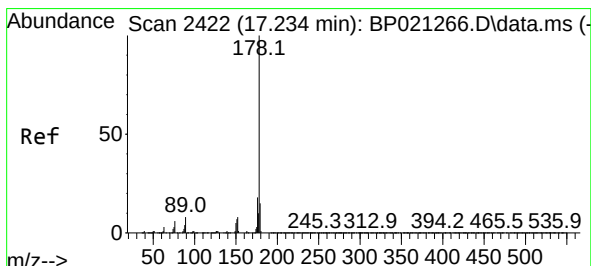
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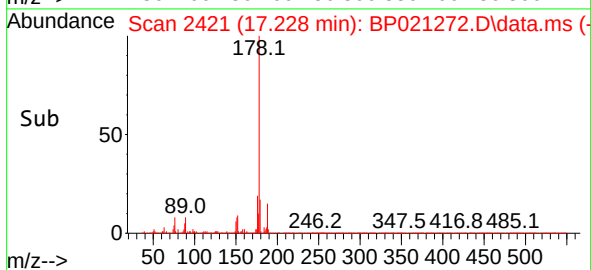
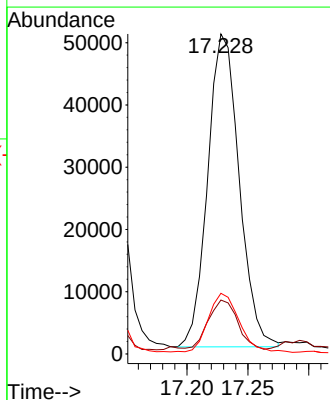
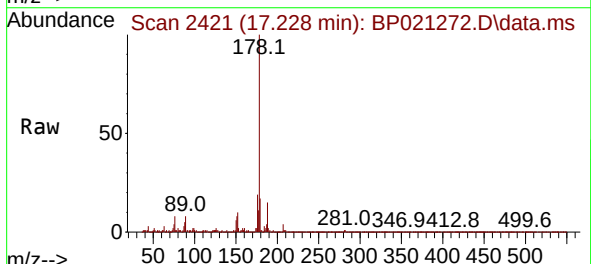
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ahmed

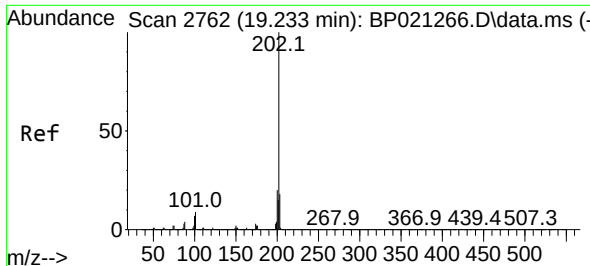
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#74
Anthracene
Concen: 1.977 ng/ul
RT: 17.228 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BP021272.D
Acq: 31 Jul 2024 22:59

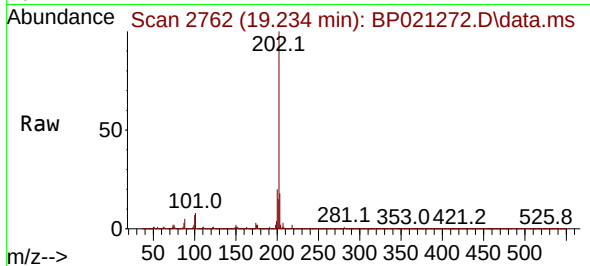
Tgt Ion:178 Resp: 90405
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 18.9 14.8 22.2





#80
Fluoranthene
Concen: 9.052 ng/u1
RT: 19.234 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP021272.D
Acq: 31 Jul 2024 22:59

Instrument :
BNA_P
ClientSampleId :
A4BD8



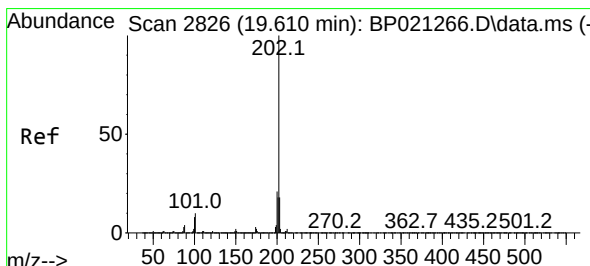
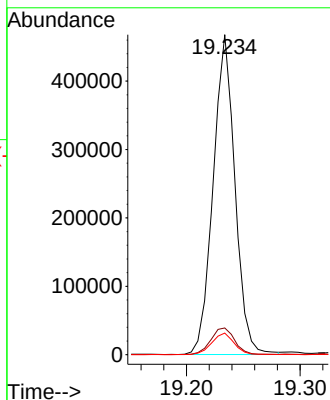
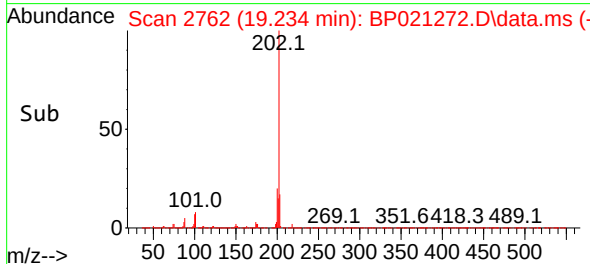
Tgt Ion:202 Resp: 623000
Ion Ratio Lower Upper
202 100
101 8.3 8.0 12.0
100 6.8 6.1 9.1

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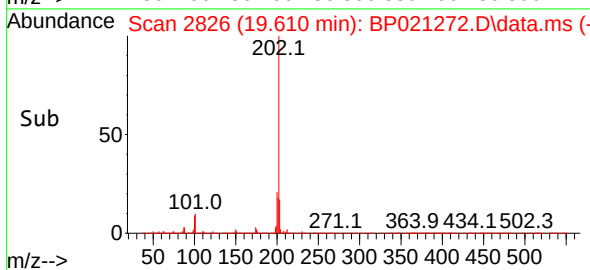
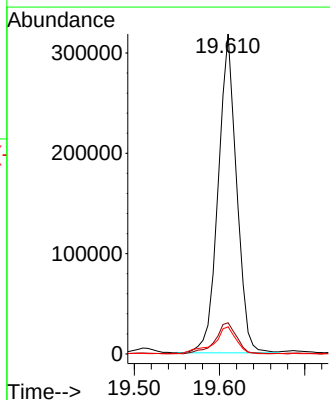
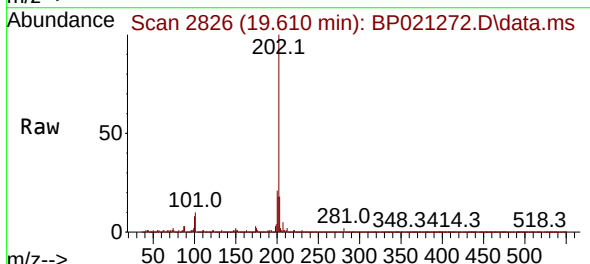
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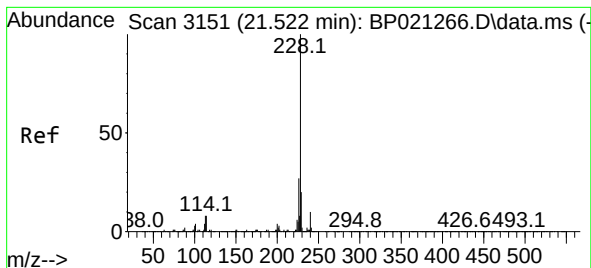
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#82
Pyrene
Concen: 6.814 ng/u1
RT: 19.610 min Scan# 2826
Delta R.T. 0.001 min
Lab File: BP021272.D
Acq: 31 Jul 2024 22:59

Tgt Ion:202 Resp: 477229
Ion Ratio Lower Upper
202 100
101 9.7 9.4 14.2
100 8.5 7.8 11.6





#85

Benzo(a)anthracene

Concen: 6.478 ng/u1

RT: 21.510 min Scan# 3149

Delta R.T. 0.001 min

Lab File: BP021272.D

Acq: 31 Jul 2024 22:59

Instrument :

BNP_P

ClientSampleId :

A4BD8

Tgt Ion:228 Resp: 41832
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 26.5 21.4 32.2

Manual Integrations

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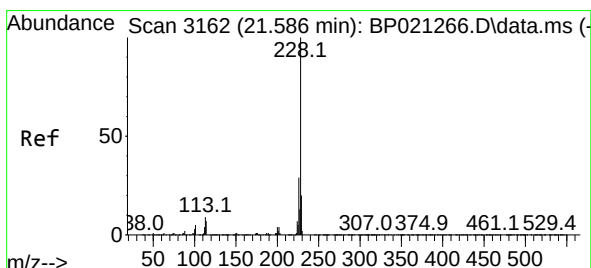
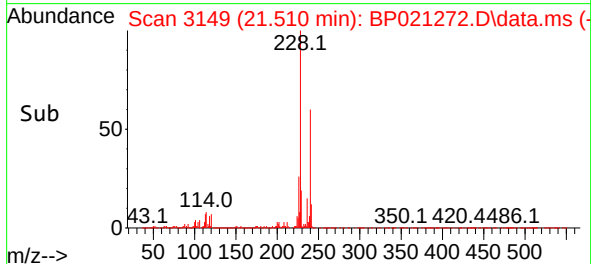
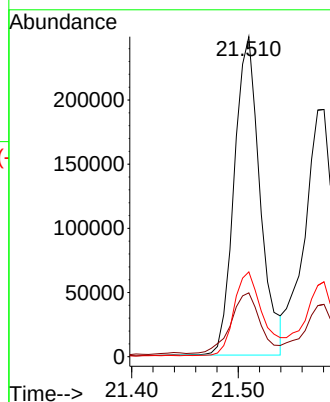
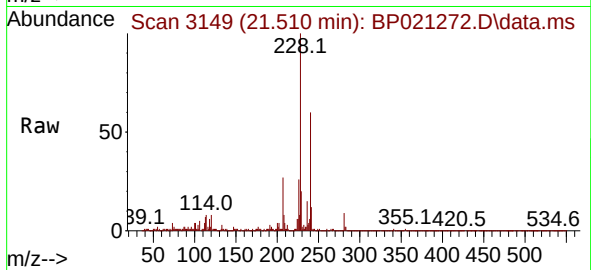
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#87

Chrysene

Concen: 5.930 ng/u1

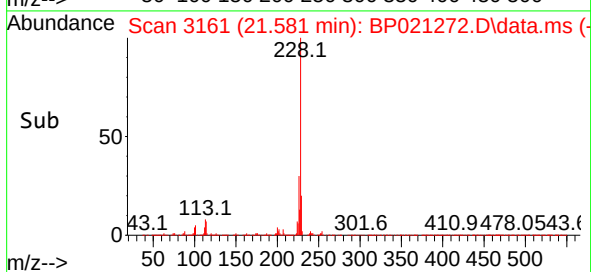
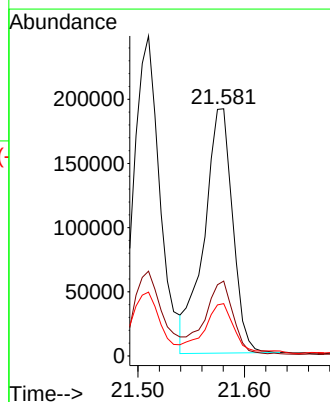
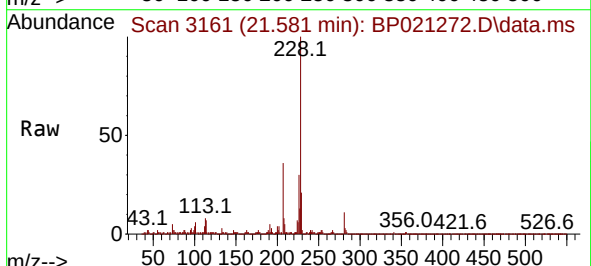
RT: 21.581 min Scan# 3161

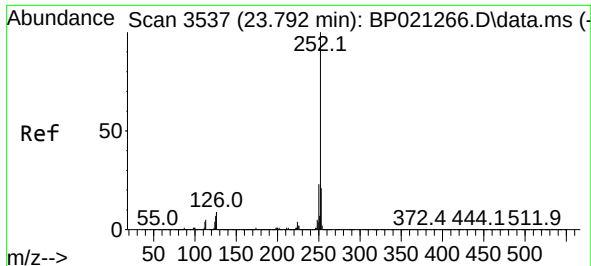
Delta R.T. -0.005 min

Lab File: BP021272.D

Acq: 31 Jul 2024 22:59

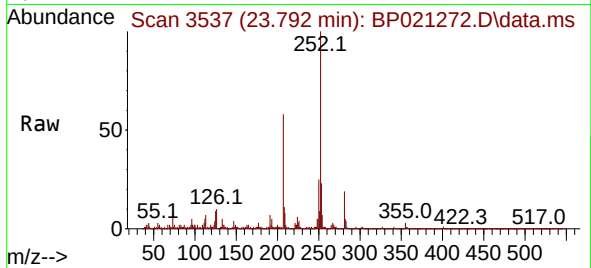
Tgt Ion:228 Resp: 355833
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.831 ng/u1
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP021272.D
Acq: 31 Jul 2024 22:59

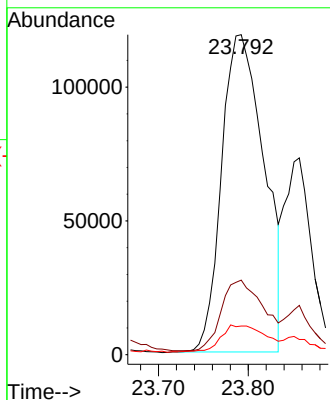
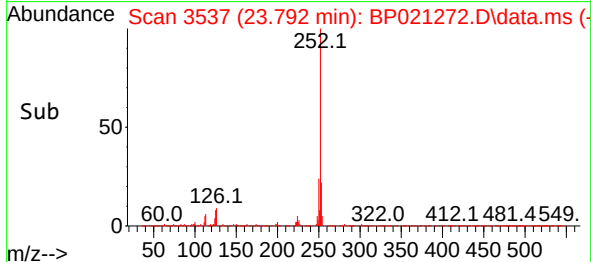
Instrument :
BNA_P
ClientSampleId :
A4BD8



Tgt Ion:252 Resp: 390180
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 8.9 7.0 10.4

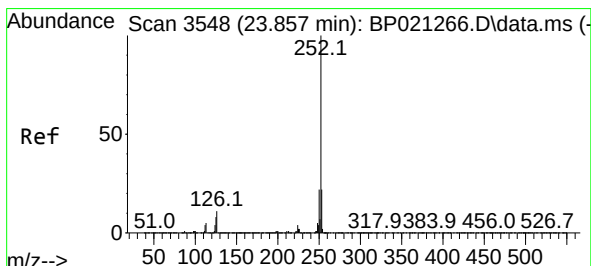
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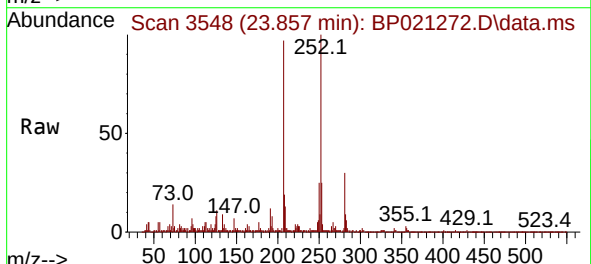


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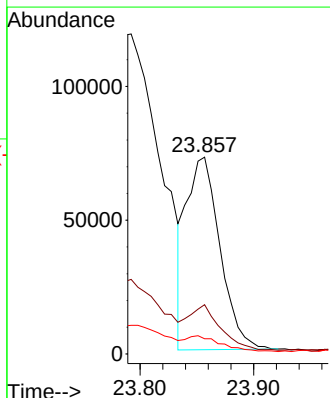
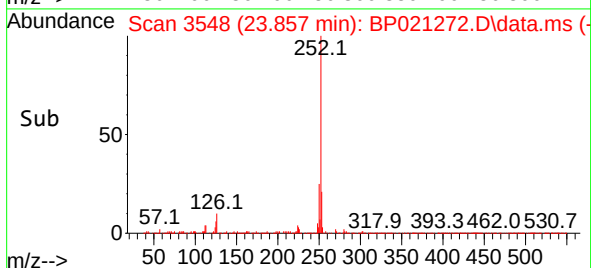
09/02/2024

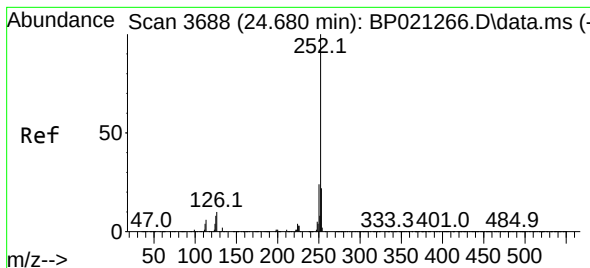


#91
Benzo(k)fluoranthene
Concen: 2.220 ng/u1
RT: 23.857 min Scan# 3548
Delta R.T. 0.006 min
Lab File: BP021272.D
Acq: 31 Jul 2024 22:59



Tgt Ion:252 Resp: 148215
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 7.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 2.621 ng/ul

RT: 24.669 min Scan# 30

Delta R.T. -0.011 min

Lab File: BP021272.D

Acq: 31 Jul 2024 22:59

Instrument :

BNA_P

ClientSampleId :

A4BD8

Tgt Ion:	252	Resp:	16572
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	9.0	7.7	11.5

Manual Integrations

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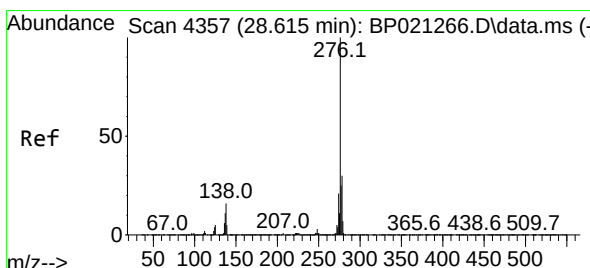
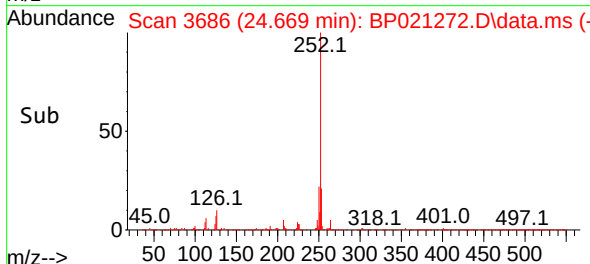
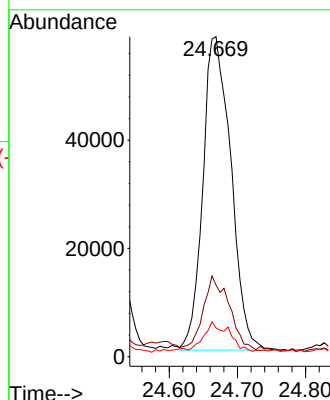
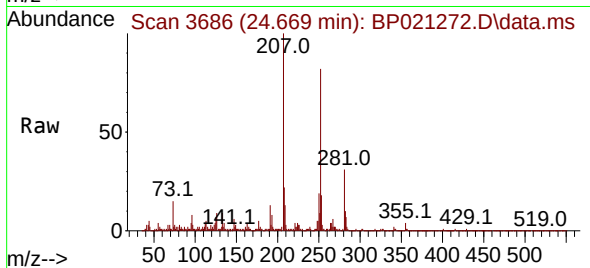
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08/01/2024

Supervised By :mohammad ahmed

09/02/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.540 ng/ul

RT: 28.598 min Scan# 4354

Delta R.T. 0.001 min

Lab File: BP021272.D

Acq: 31 Jul 2024 22:59

Tgt Ion:	276	Resp:	125493
Ion Ratio	Lower	Upper	
276	100		
138	14.7	14.3	21.5
277	26.2	19.2	28.8

