

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022291.D
 Acq On : 09 Oct 2024 15:40
 Operator : RC/JU
 Sample : P4162-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ES4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

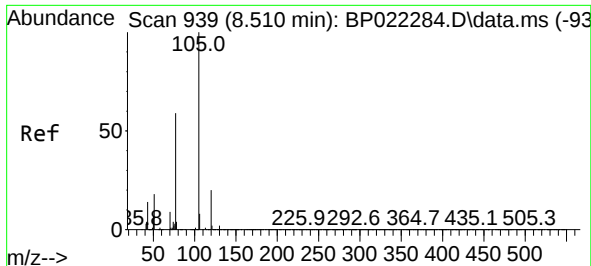
Quant Time: Oct 09 16:20:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	175151	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	652680	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	480245	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1152037	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1239764	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1515470	20.000	ng/u1	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	7183	1.594	ng/uL	0.00
4) Pyridine-d5	3.658	84	9758m	0.789	ng/u1	0.02
7) Phenol-d5	6.893	99	126976	8.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	87863	10.139	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	109398	10.457	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	88055	7.484	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	54344	10.829	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	62175	10.701	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	126880	10.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	71630	4.909	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	415504	10.889	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	443097	10.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	53305	8.327	ng/u1	0.01
60) Fluorene-d10	15.322	176	373860	11.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	60763	8.020	ng/u1	0.00
73) Anthracene-d10	17.210	188	620365	11.447	ng/u1	0.00
81) Pyrene-d10	19.586	212	649542	9.907	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	516995	6.388	ng/u1	0.00

Target Compounds				Qvalue		
16) Acetophenone	8.516	105	38358	1.975	ng/u1	99
72) Phenanthrene	17.151	178	210798	3.420	ng/u1	99
80) Fluoranthene	19.233	202	619315	8.217	ng/u1	100
82) Pyrene	19.616	202	387924	4.802	ng/u1	100
85) Benzo(a)anthracene	21.521	228	280027	3.222	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	81036	2.007	ng/u1	99
87) Chrysene	21.592	228	338249	4.197	ng/u1	98
90) Benzo(b)fluoranthene	23.786	252	523296	5.486	ng/u1	98
91) Benzo(k)fluoranthene	23.857	252	170446	1.825	ng/u1	93
93) Benzo(a)pyrene	24.674	252	139227	1.586	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	28.545	276	173643m	1.482	ng/u1	

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



#16
Acetophenone
Concen: 1.975 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

Instrument :
BNA_P
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A4ES4

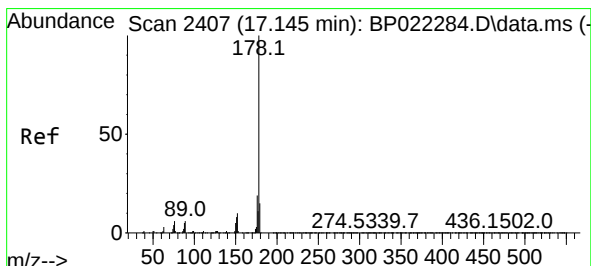
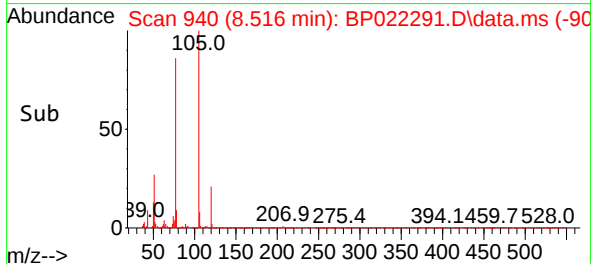
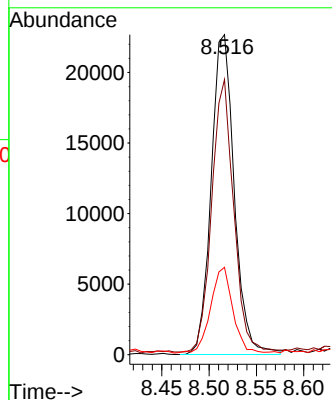
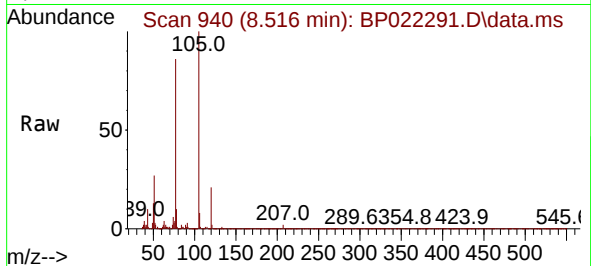
Tgt Ion:105 Resp: 3835
Ion Ratio Lower Upper
105 100
77 86.0 69.0 103.4
51 27.3 22.6 33.8

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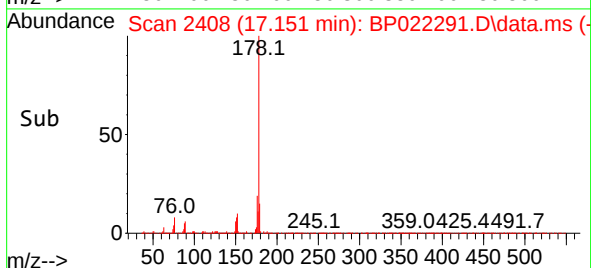
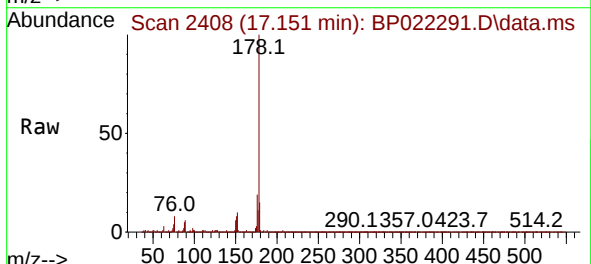
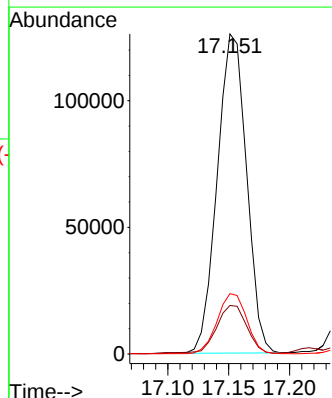
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Supervised By :mohammad
ahmed

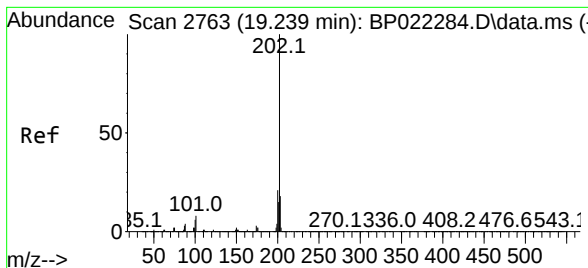
10/11/2024



#72
Phenanthrene
Concen: 3.420 ng/ul
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

Tgt Ion:178 Resp: 210798
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 18.9 15.7 23.5





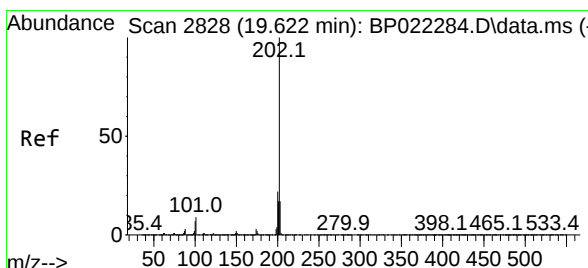
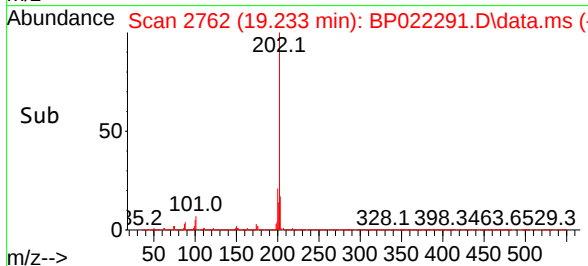
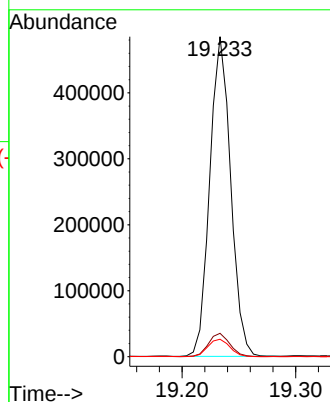
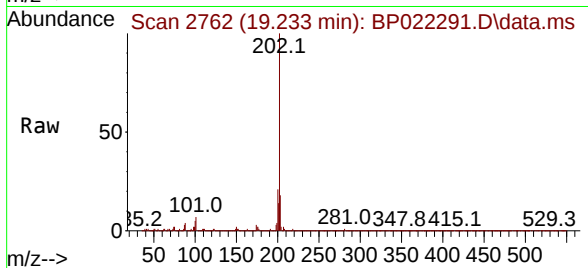
#80
Fluoranthene
Concen: 8.217 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 61931
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.5 4.5 6.7

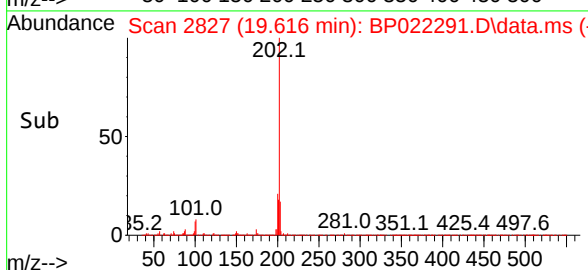
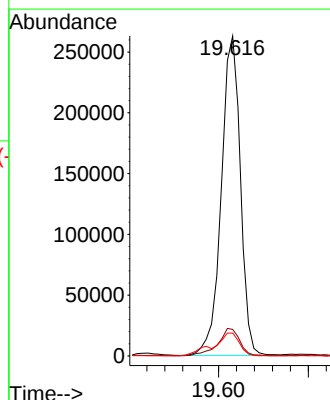
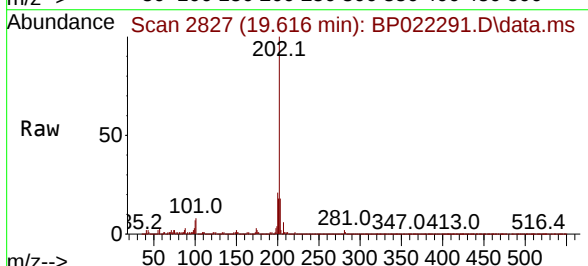
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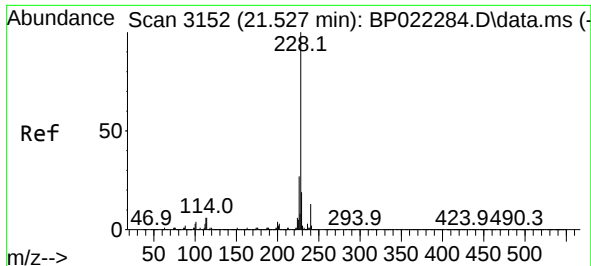
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#82
Pyrene
Concen: 4.802 ng/u1
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

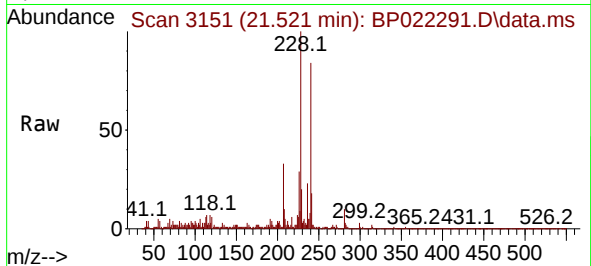
Tgt Ion:202 Resp: 387924
Ion Ratio Lower Upper
202 100
101 8.3 6.7 10.1
100 7.1 5.8 8.6





#85
Benzo(a)anthracene
Concen: 3.222 ng/ul
RT: 21.521 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

Instrument :
BNA_P
ClientSampleId :
A4ES4



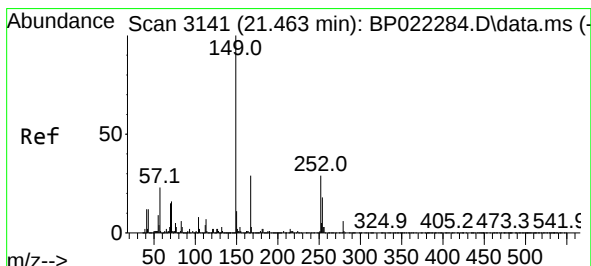
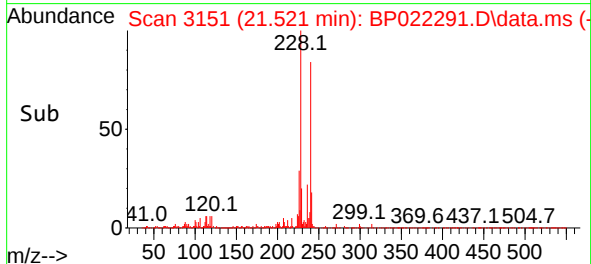
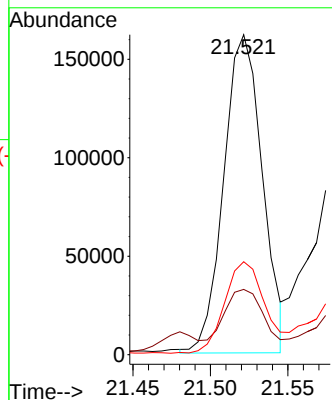
Tgt Ion:228 Resp: 28002
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.0
226 29.0 21.5 32.3

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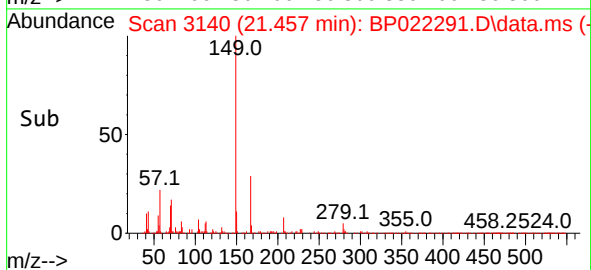
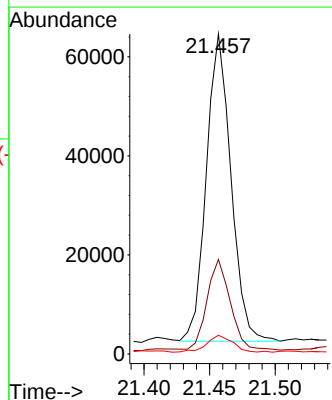
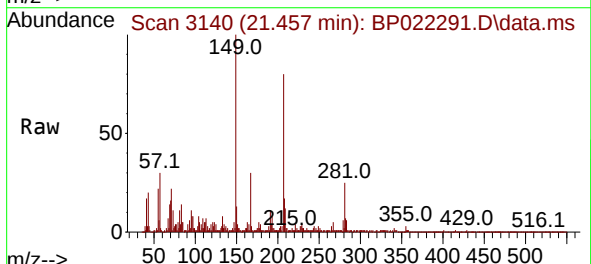
10/10/2024
Supervised By :mohammad
ahmed

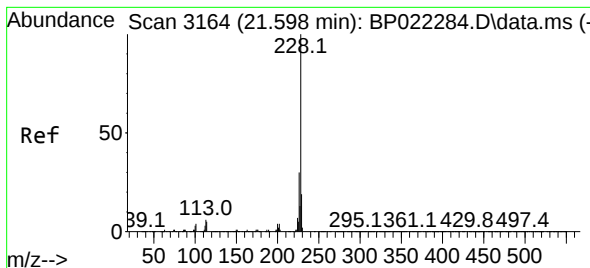
10/11/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.007 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

Tgt Ion:149 Resp: 81036
Ion Ratio Lower Upper
149 100
167 29.5 23.0 34.4
279 5.9 4.8 7.2





#87

Chrysene

Concen: 4.197 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.000 min

Lab File: BP022291.D

Acq: 09 Oct 2024 15:40

Instrument :

BNA_P

ClientSampleId :

A4ES4

Tgt Ion:	228	Resp:	338249
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.8	35.8
229	20.9	15.5	23.3

Manual Integrations

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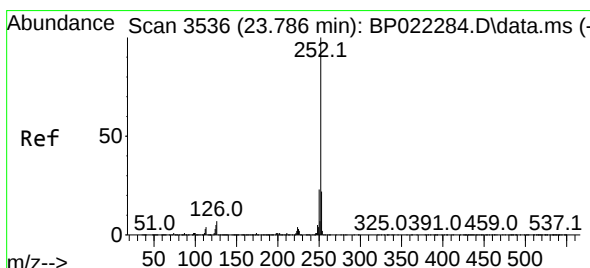
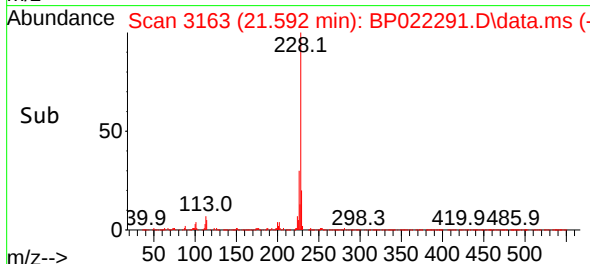
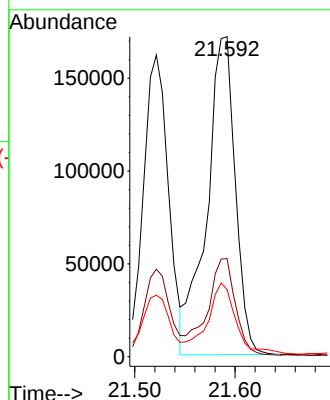
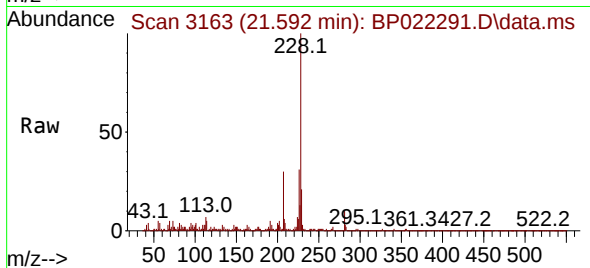
Reviewed By :Yogesh Patel 10/10/2024

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ahmed

10/11/2024



#90

Benzo(b)fluoranthene

Concen: 5.486 ng/ul

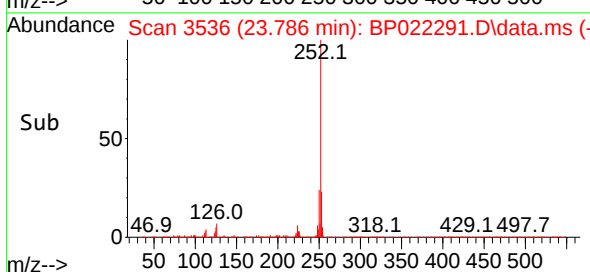
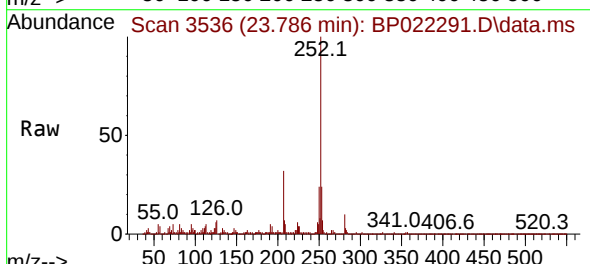
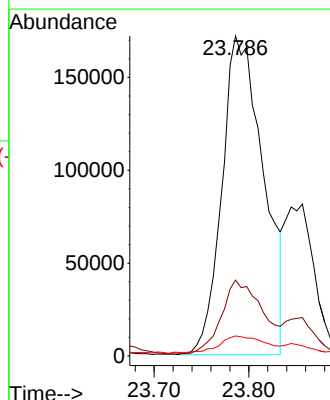
RT: 23.786 min Scan# 3536

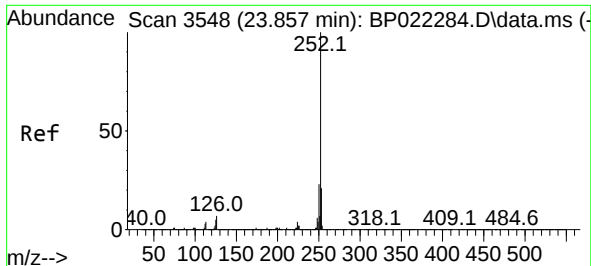
Delta R.T. -0.000 min

Lab File: BP022291.D

Acq: 09 Oct 2024 15:40

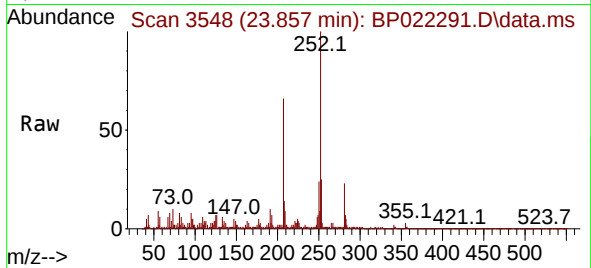
Tgt Ion:	252	Resp:	523296
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	6.3	5.0	7.4





#91
Benzo(k)fluoranthene
Concen: 1.825 ng/uI
RT: 23.857 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

Instrument :
BNA_P
ClientSampleId :
A4ES4



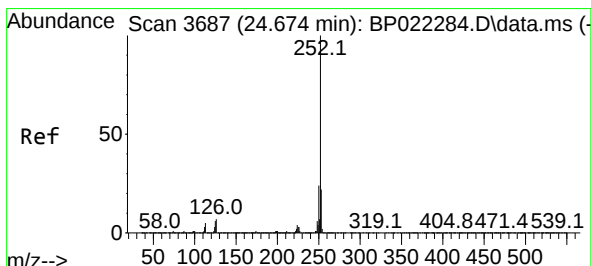
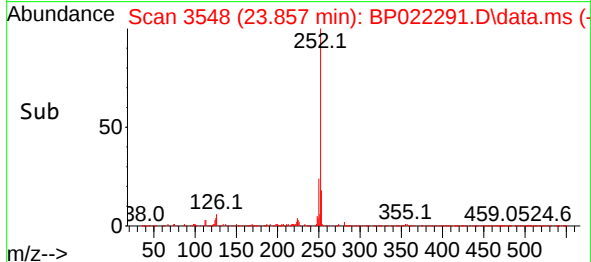
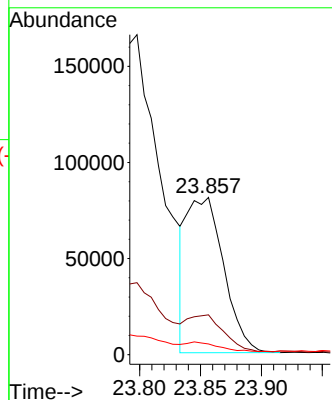
Tgt Ion:252 Resp: 170440
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 6.8 4.6 6.8

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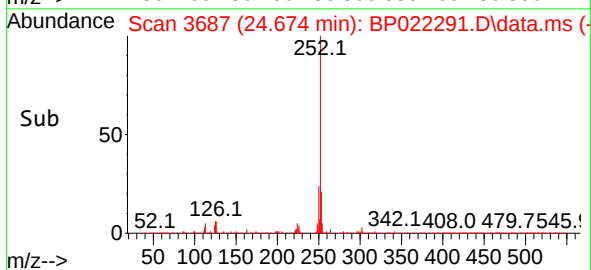
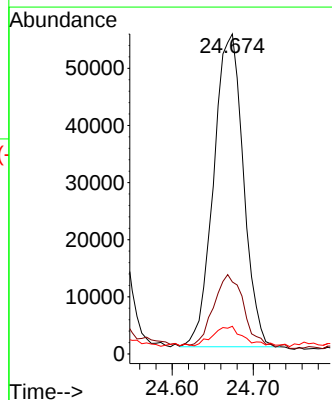
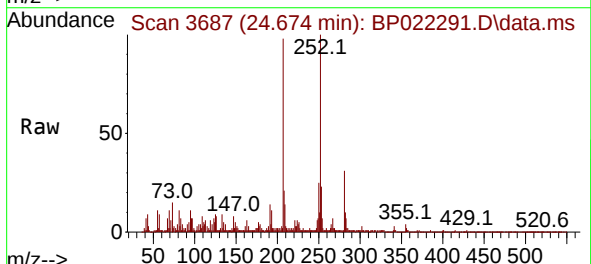
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ahmed

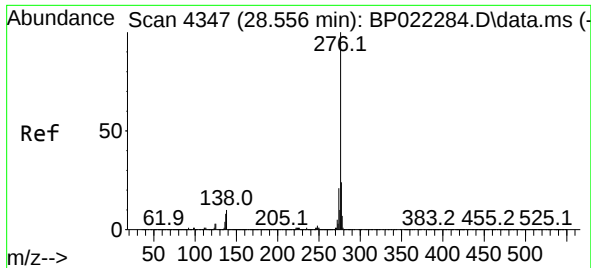
10/11/2024



#93
Benzo(a)pyrene
Concen: 1.586 ng/uI
RT: 24.674 min Scan# 3687
Delta R.T. -0.000 min
Lab File: BP022291.D
Acq: 09 Oct 2024 15:40

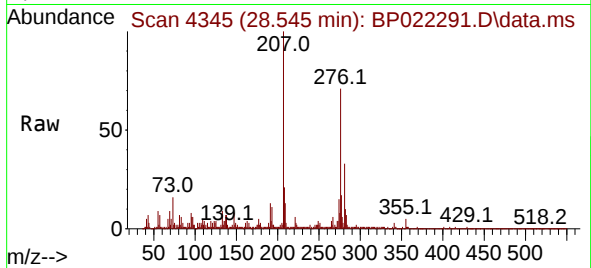
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Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 8.6 4.9 7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.482 ng/ul m
 RT: 28.545 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP022291.D
 Acq: 09 Oct 2024 15:40

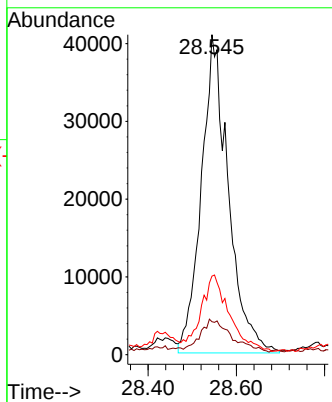
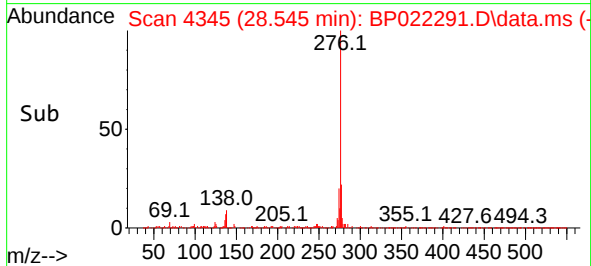
Instrument :
 BNA_P
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Tgt Ion:276 Resp: 17364
 Ion Ratio Lower Upper
 276 100
 138 10.3 9.1 13.7
 277 24.5 18.6 27.8

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