

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021271.D
 Acq On : 31 Jul 2024 22:14
 Operator : CG/JU
 Sample : P3264-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CM6

Manual Integrations
 APPROVED

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

Supervised By :mohammad
 ahmed
 08/03/2024

Quant Time: Aug 01 01:46:12 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	170308	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	686223	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	470652	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1059744	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	965796	20.000	ng/u1	# 0.00
88) Perylene-d12	24.827	264	995937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	6819	1.822	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.863	99	141626	10.200	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.981	67	97294	11.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	139176	12.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	118502	10.276	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	66754	12.524	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	67979	11.143	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	138447	12.551	ng/u1	0.02
31) 4-Chloroaniline-d4	10.587	131	68929	4.717	ng/u1	0.03
46) Dimethylphthalate-d6	13.681	166	484953	14.174	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	554454	14.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	21718m	4.461	ng/u1	0.06
60) Fluorene-d10	15.286	176	445258	15.863	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	50106	7.814	ng/u1	0.00
73) Anthracene-d10	17.186	188	698584	14.842	ng/u1	0.00
81) Pyrene-d10	19.574	212	837952	14.034	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	584915	11.908	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.133	178	586034	10.660	ng/u1	99
74) Anthracene	17.227	178	98072	1.750	ng/u1	96
77) Carbazole	17.533	167	52784	1.152	ng/u1	98
80) Fluoranthene	19.227	202	1168403	16.204	ng/u1	97
82) Pyrene	19.604	202	895625	12.206	ng/u1	97
85) Benzo(a)anthracene	21.515	228	495116	7.318	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	167685	3.811	ng/u1#	98
87) Chrysene	21.580	228	510427	8.119	ng/u1	98
90) Benzo(b)fluoranthene	23.786	252	615147	10.178	ng/u1	98
91) Benzo(k)fluoranthene	23.857	252	233505	3.871	ng/u1	99
93) Benzo(a)pyrene	24.680	252	262600	4.598	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.615	276	246962m	3.356	ng/u1	
95) Dibenzo(a,h)anthracene	28.615	278	81276m	1.334	ng/u1	

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

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ALS Vial : 18 Sample Multiplier: 1

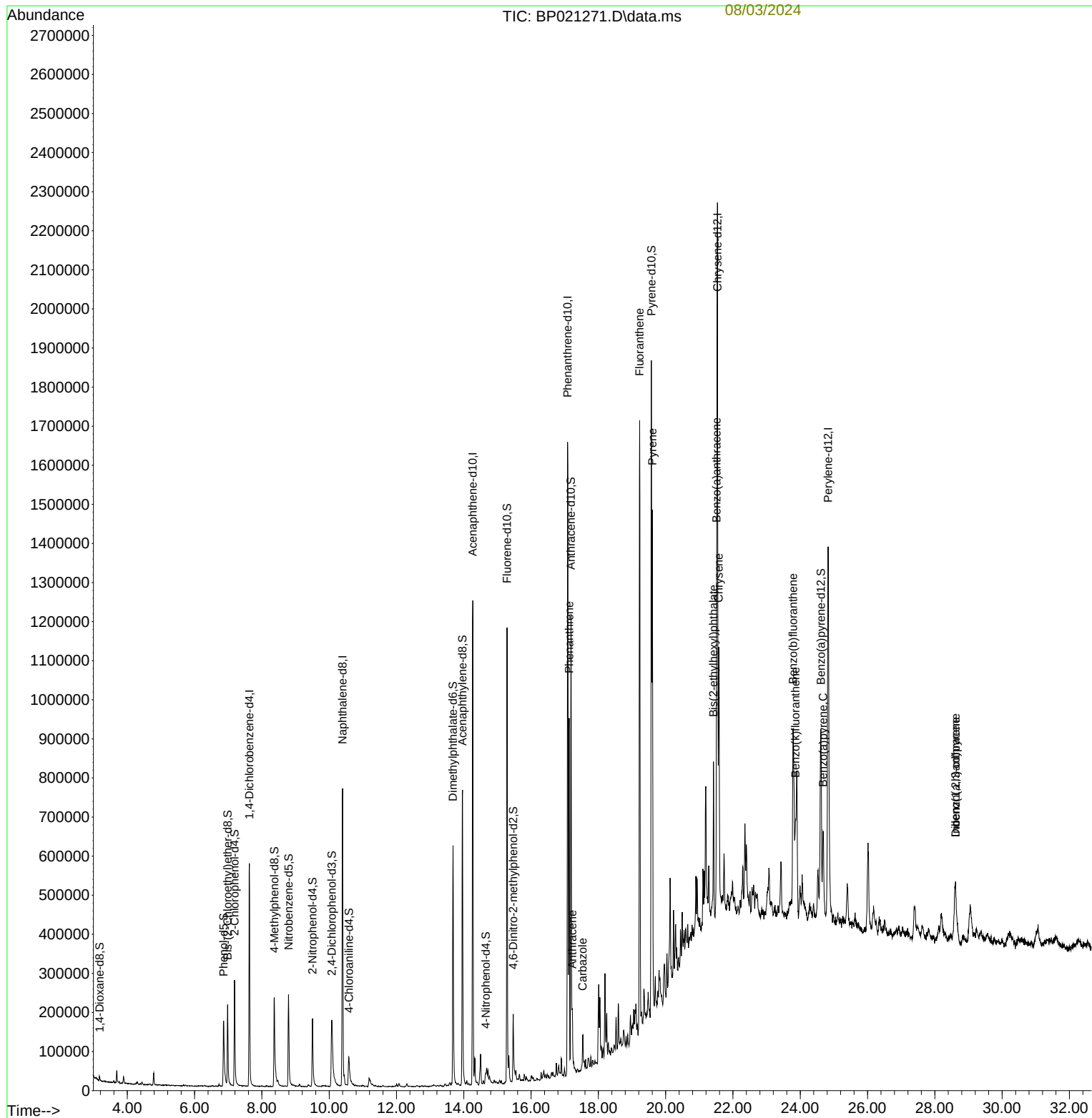
Instrument :
BNA_P
ClientSampleId :
A4CM6

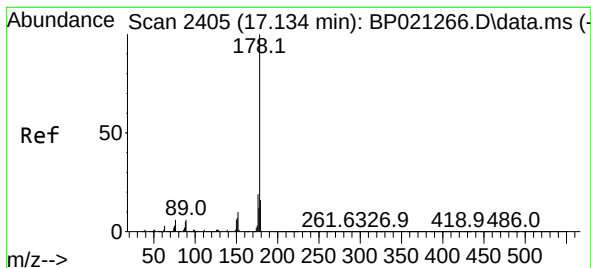
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 10.660 ng/ul

RT: 17.133 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP021271.D

Acq: 31 Jul 2024 22:14

Instrument :

BNP_P

ClientSampleId :

A4CM6

Tgt Ion:178	Resp: 586034
Ion Ratio	Lower Upper
178 100	
179 15.7	12.2 18.4
176 18.4	15.0 22.4

Manual Integrations

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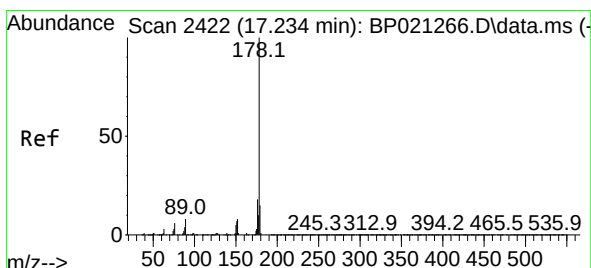
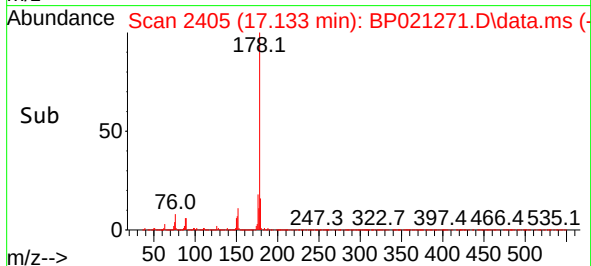
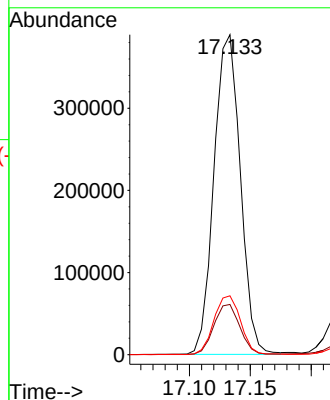
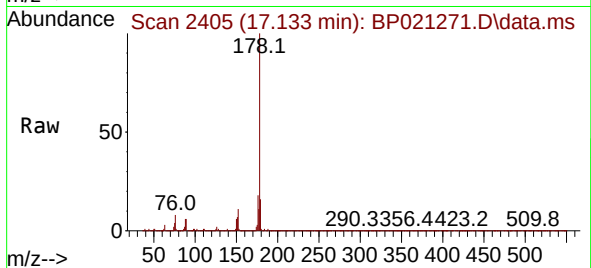
Reviewed By :Yogesh Patel 08/01/2024

Supervised By :mohammad ahmed 09/04/2024

Supervised By :mohammad

ahmed

08/03/2024



#74

Anthracene

Concen: 1.750 ng/ul

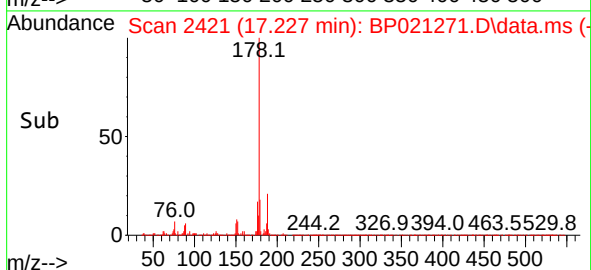
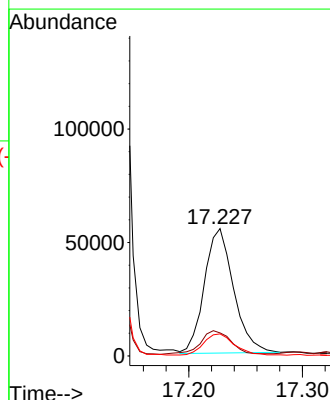
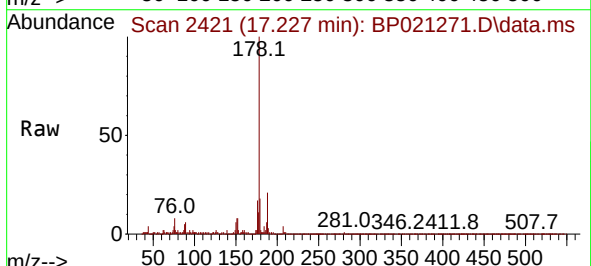
RT: 17.227 min Scan# 2421

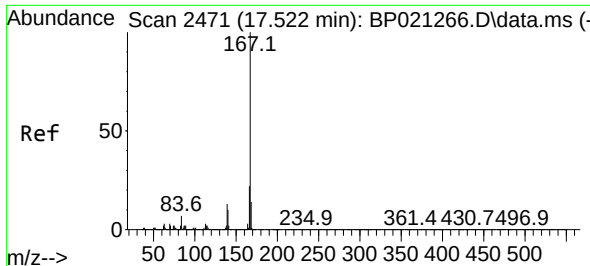
Delta R.T. -0.006 min

Lab File: BP021271.D

Acq: 31 Jul 2024 22:14

Tgt Ion:178	Resp: 98072
Ion Ratio	Lower Upper
178 100	
179 18.1	12.5 18.7
176 17.3	14.8 22.2





#77
 Carbazole
 Concen: 1.152 ng/ul
 RT: 17.533 min Scan# 2473
 Delta R.T. 0.012 min
 Lab File: BP021271.D
 Acq: 31 Jul 2024 22:14

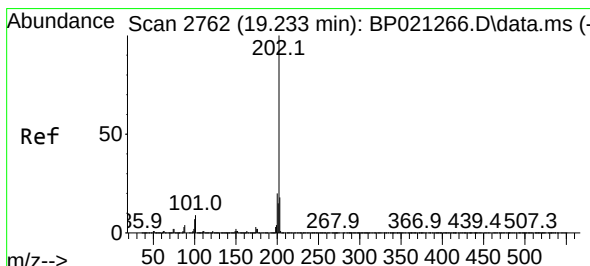
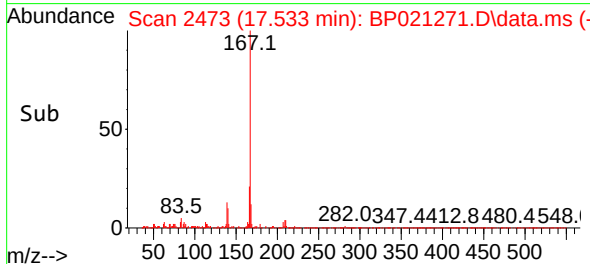
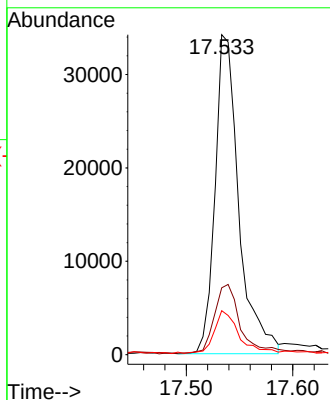
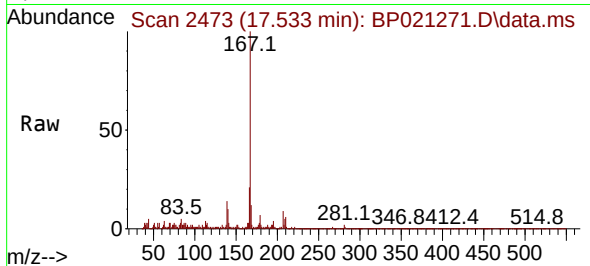
Instrument :
 BNA_P
 ClientSampleId :
 A4CM6

Tgt Ion:167 Resp: 52784
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.3 25.9
 139 13.8 10.2 15.2

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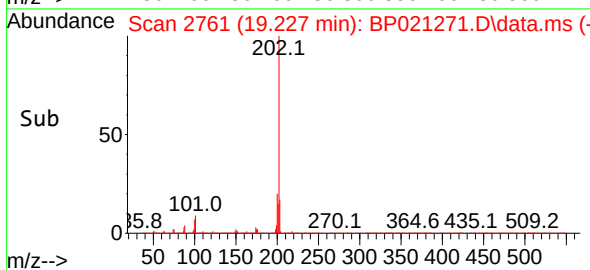
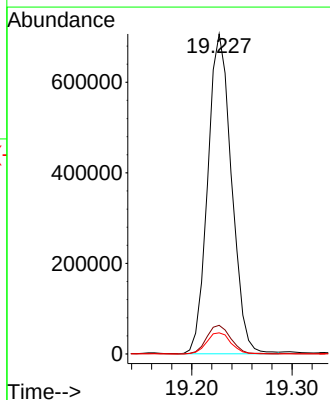
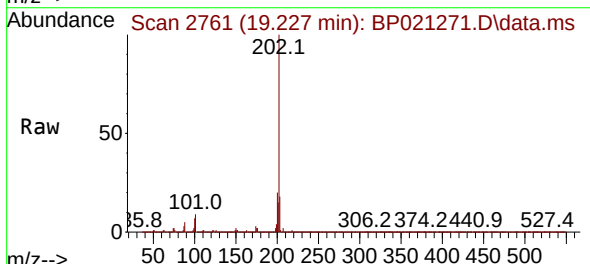
Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

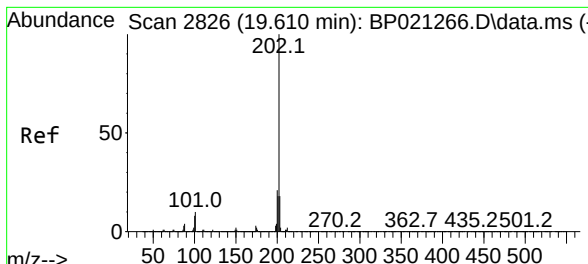
Supervised By :mohammad
 ahmed
 08/03/2024



#80
 Fluoranthene
 Concen: 16.204 ng/ul
 RT: 19.227 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BP021271.D
 Acq: 31 Jul 2024 22:14

Tgt Ion:202 Resp: 1168403
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.0 12.0
 100 6.6 6.1 9.1





#82
 Pyrene
 Concen: 12.206 ng/ul
 RT: 19.604 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021271.D
 Acq: 31 Jul 2024 22:14

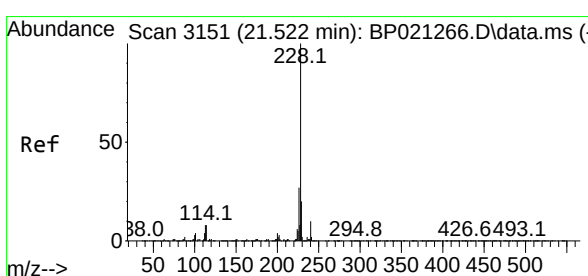
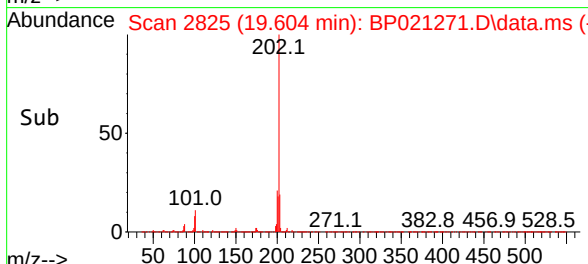
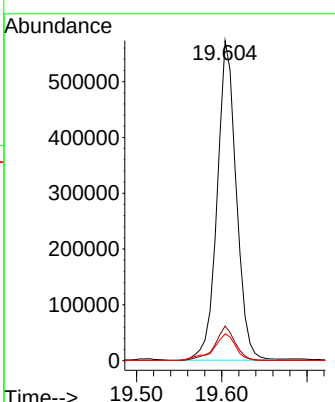
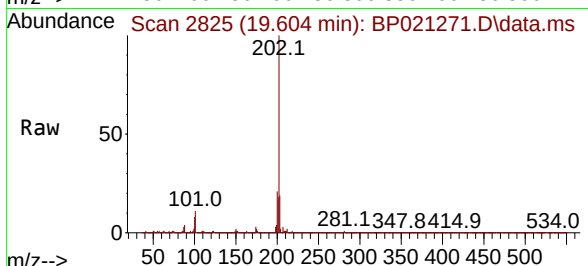
Instrument : BNA_P
 ClientSampleId : A4CM6

Tgt Ion:	202	Resp:	89562
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.4	14.2
100	8.4	7.8	11.6

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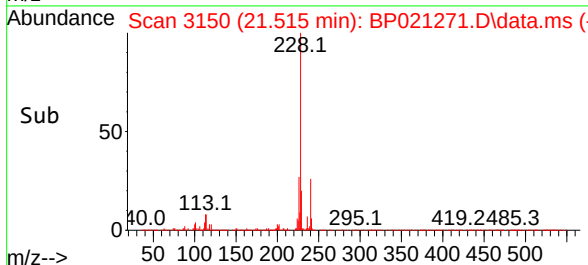
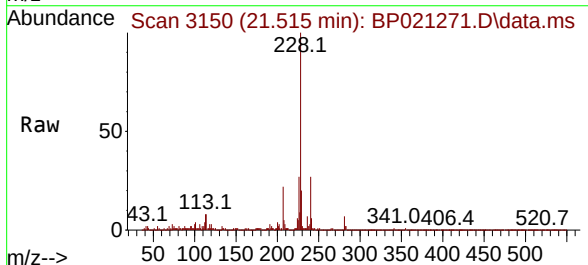
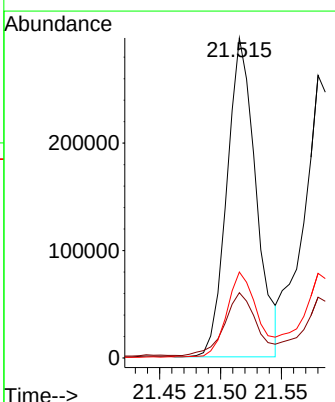
Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

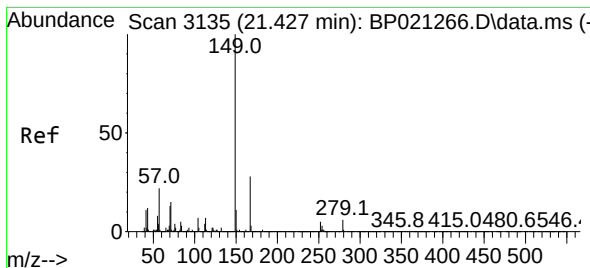
Supervised By :mohammad
 ahmed
 08/03/2024



#85
 Benzo(a)anthracene
 Concen: 7.318 ng/ul
 RT: 21.515 min Scan# 3150
 Delta R.T. 0.006 min
 Lab File: BP021271.D
 Acq: 31 Jul 2024 22:14

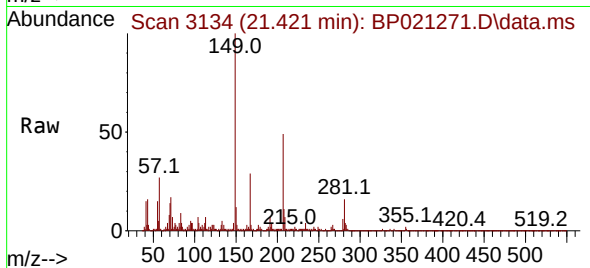
Tgt Ion:	228	Resp:	495116
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.5	23.3
226	26.9	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.811 ng/ul
RT: 21.421 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP021271.D
Acq: 31 Jul 2024 22:14

Instrument :
BNA_P
ClientSampleId :
A4CM6

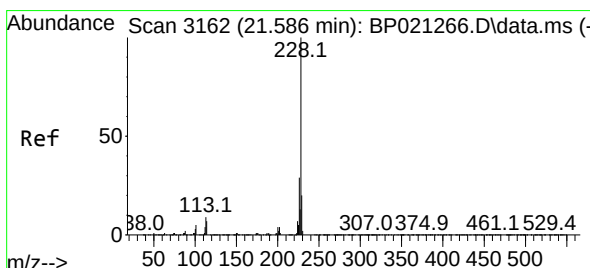
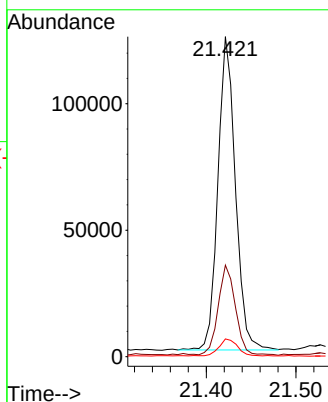
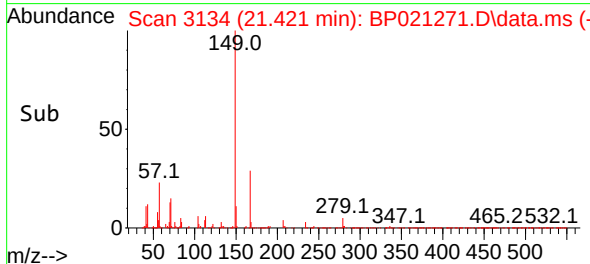


Tgt Ion:149 Resp: 16768
Ion Ratio Lower Upper
149 100
167 28.6 22.1 33.1
279 5.6 3.7 5.5

Manual Integrations
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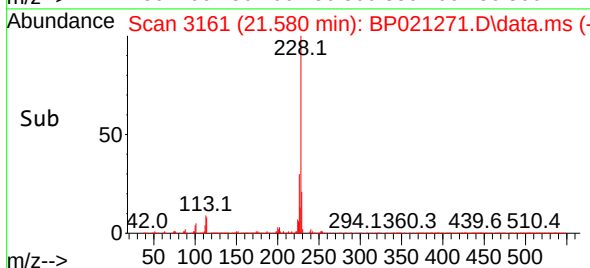
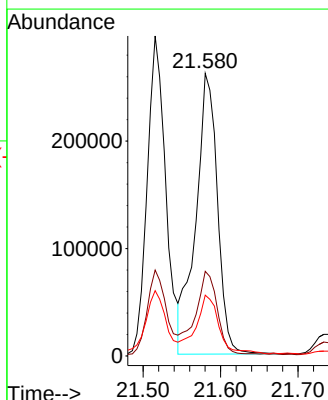
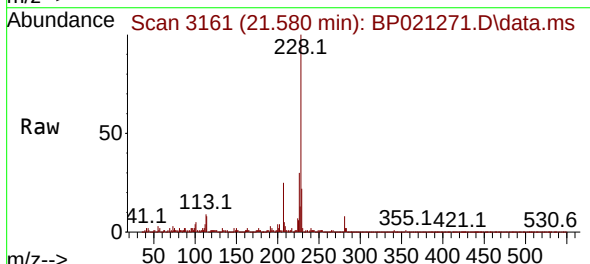
Reviewed By :Yogesh Patel 08/01/2024
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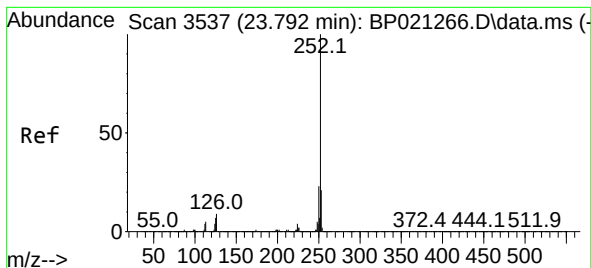
Supervised By :mohammad
ahmed
08/03/2024



#87
Chrysene
Concen: 8.119 ng/ul
RT: 21.580 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP021271.D
Acq: 31 Jul 2024 22:14

Tgt Ion:228 Resp: 510427
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 10.178 ng/ul

RT: 23.786 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP021271.D

Acq: 31 Jul 2024 22:14

Instrument :

BNA_P

ClientSampleId :

A4CM6

Tgt Ion:252 Resp: 61514
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.1 25.7
 125 8.5 7.0 10.4

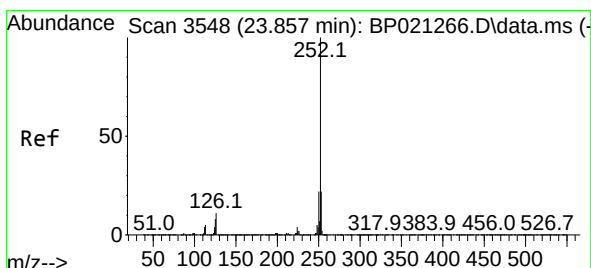
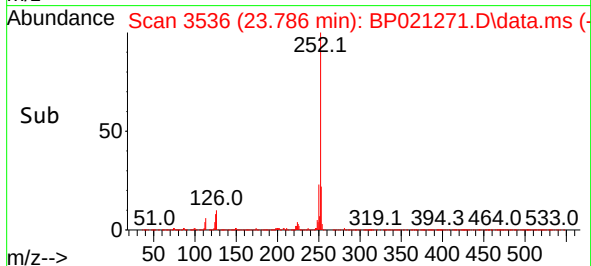
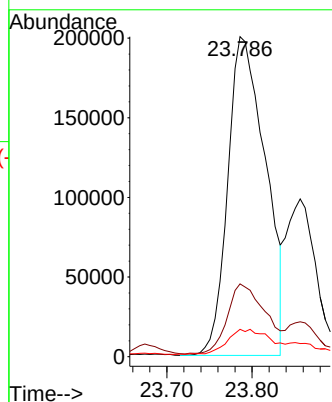
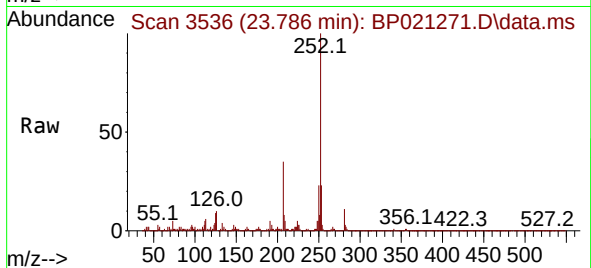
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Supervised By :mohammad
 ahmed
 08/03/2024



#91

Benzo(k)fluoranthene

Concen: 3.871 ng/ul

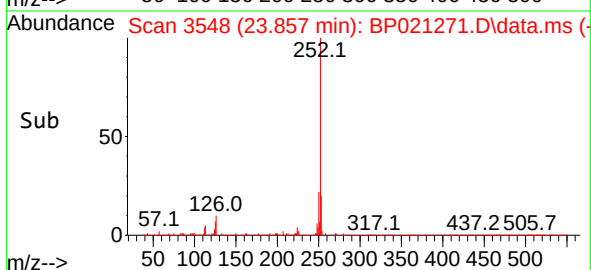
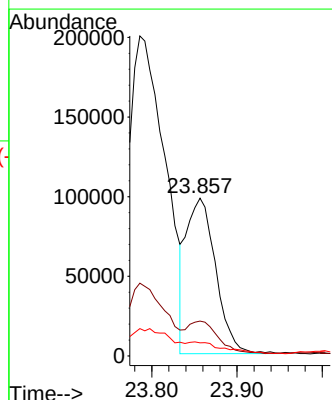
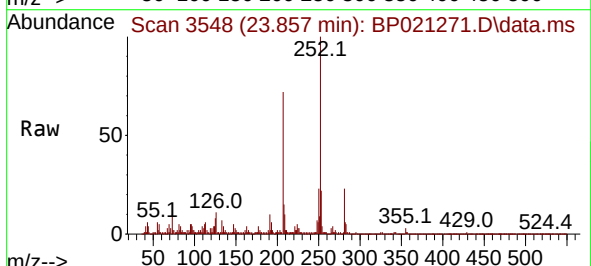
RT: 23.857 min Scan# 3548

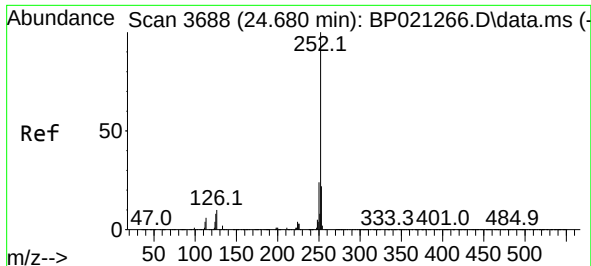
Delta R.T. 0.006 min

Lab File: BP021271.D

Acq: 31 Jul 2024 22:14

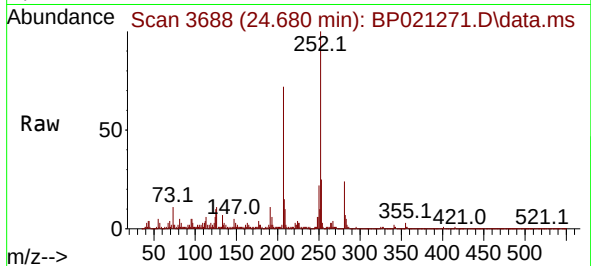
Tgt Ion:252 Resp: 233505
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 8.3 7.4 11.0





#93
Benzo(a)pyrene
Concen: 4.598 ng/ul
RT: 24.680 min Scan# 3688
Delta R.T. 0.000 min
Lab File: BP021271.D
Acq: 31 Jul 2024 22:14

Instrument :
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A4CM6

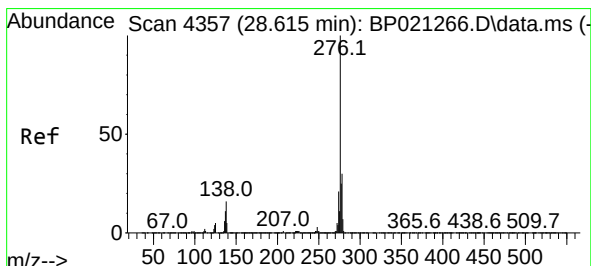
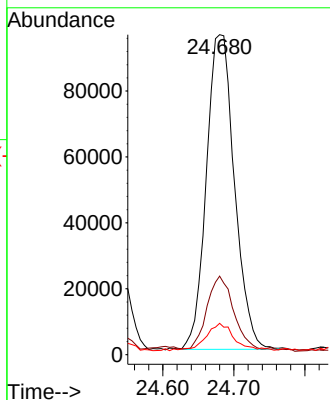
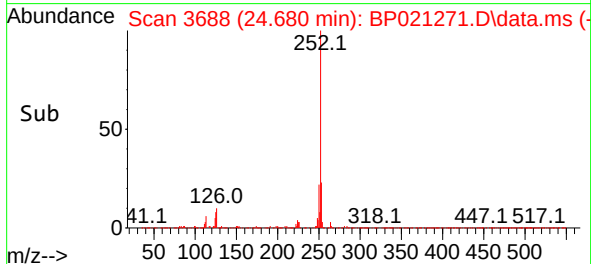


Tgt Ion:252 Resp: 262600
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 9.8 7.7 11.5

Manual Integrations
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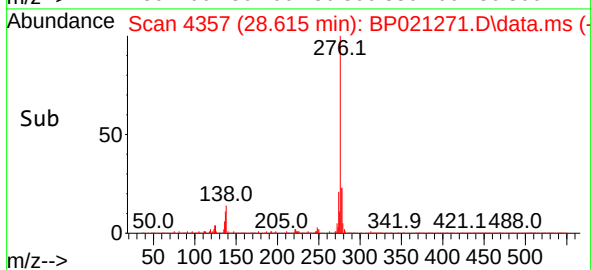
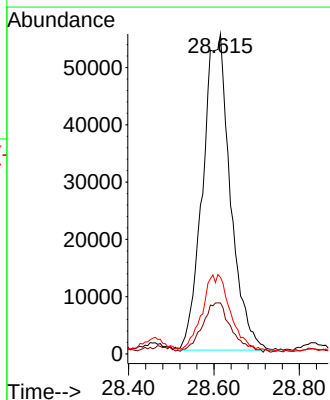
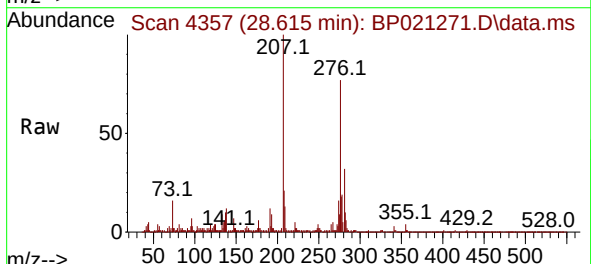
Reviewed By :Yogesh Patel 08/01/2024
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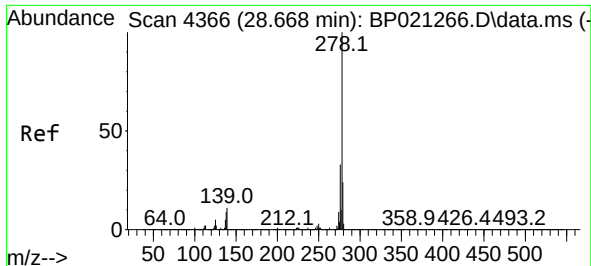
Supervised By :mohammad
ahmed
08/03/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.356 ng/ul m
RT: 28.615 min Scan# 4357
Delta R.T. 0.018 min
Lab File: BP021271.D
Acq: 31 Jul 2024 22:14

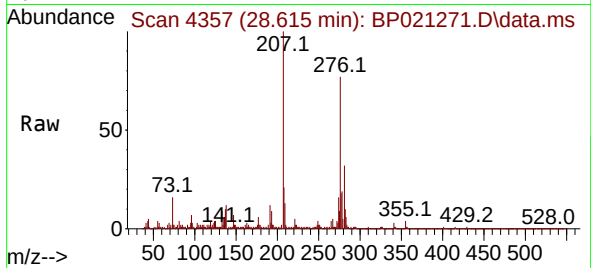
Tgt Ion:276 Resp: 246962
Ion Ratio Lower Upper
276 100
138 16.0 14.3 21.5
277 24.0 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.334 ng/ul m
 RT: 28.615 min Scan# 4357
 Delta R.T. -0.023 min
 Lab File: BP021271.D
 Acq: 31 Jul 2024 22:14

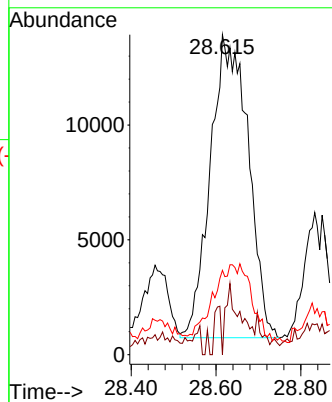
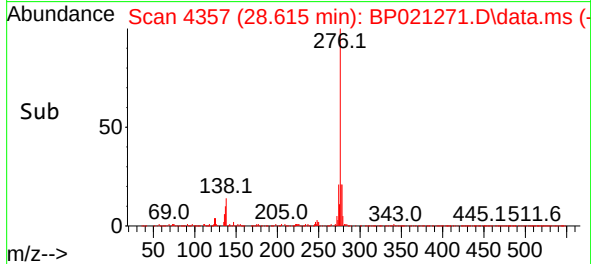
Instrument :
 BNA_P
 ClientSampleId :
 A4CM6



Tgt Ion: 278 Resp: 81270
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.9 16.3
 279 26.3 19.4 29.0

Manual Integrations
 APPROVED

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



Supervised By :mohammad
 ahmed
 08/03/2024