

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021118.D
 Acq On : 24 Jul 2024 04:43
 Operator : MA/JU
 Sample : P3238-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 06:27:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	149913	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	624809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	430070	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.122	188	991441	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	950015	20.000	ng/u1	-0.01
88) Perylene-d12	24.880	264	1144354	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	8977	2.725	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	163755	13.398	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.016	67	109149	14.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	148684	14.765	ng/u1	0.02
15) 4-Methylphenol-d8	8.405	113	116312	11.458	ng/u1	0.02
21) Nitrobenzene-d5	8.822	128	73826	15.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	83872	15.100	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	144589	14.396	ng/u1	0.01
31) 4-Chloroaniline-d4	10.593	131	58416m	4.390	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	495593	15.852	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	577693	16.456	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.616	143	50937m	11.451	ng/u1	0.02
60) Fluorene-d10	15.322	176	455334	17.753	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	30023	5.005	ng/u1	0.00
73) Anthracene-d10	17.222	188	725347	16.472	ng/u1	0.00
81) Pyrene-d10	19.604	212	821229	13.982	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	697735	12.363	ng/u1	-0.03
Target Compounds						
					Qvalue	
61) Fluorene	15.375	166	31581	1.071	ng/u1	99
72) Phenanthrene	17.163	178	582454	11.325	ng/u1	100
74) Anthracene	17.257	178	117839	2.247	ng/u1	98
77) Carbazole	17.557	167	73149	1.707	ng/u1	99
80) Fluoranthene	19.251	202	1458666	20.565	ng/u1	100
82) Pyrene	19.628	202	1050410	14.553	ng/u1	100
85) Benzo(a)anthracene	21.539	228	604594	9.085	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	327046	7.557	ng/u1	98
87) Chrysene	21.610	228	733867	11.868	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	1037834	14.945	ng/u1#	96
91) Benzo(k)fluoranthene	23.892	252	361346m	5.214	ng/u1	
93) Benzo(a)pyrene	24.721	252	409055	6.233	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.657	276	422385	4.995	ng/u1	97
95) Dibenzo(a,h)anthracene	28.680	278	147159m	2.102	ng/u1	
96) Benzo(g,h,i)perylene	29.845	276	78407m	1.138	ng/u1	

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

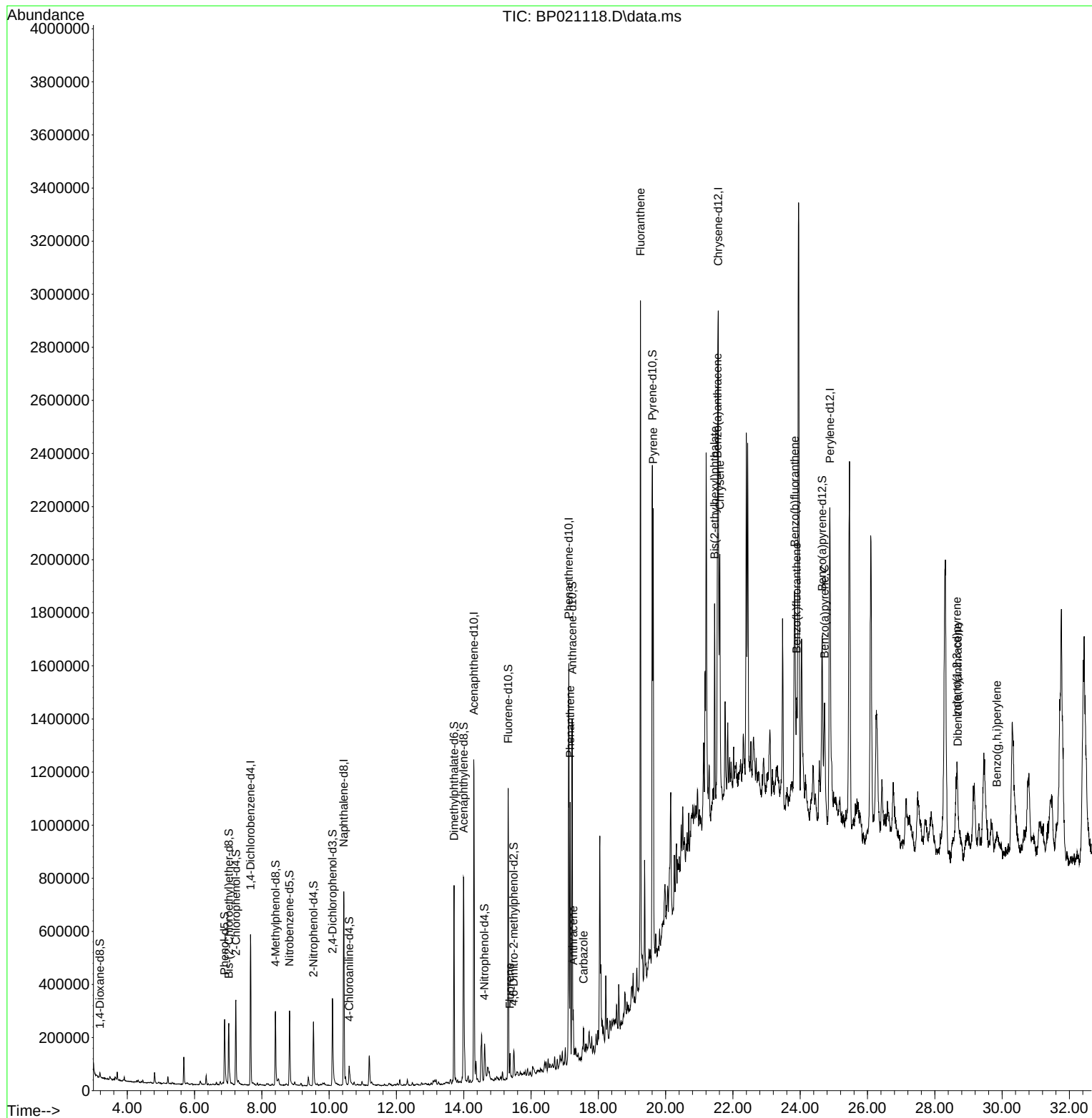
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021118.D
Acq On : 24 Jul 2024 04:43
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

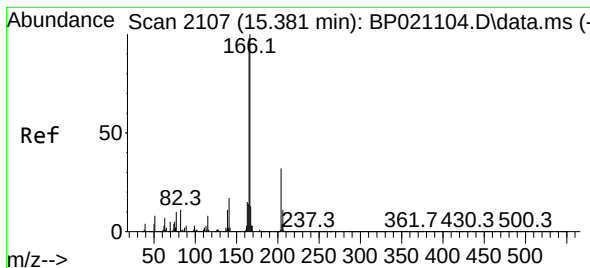
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration





#61

Fluorene

Concen: 1.071 ng/ul

RT: 15.375 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

Instrument :

BNA_P

ClientSampleId :

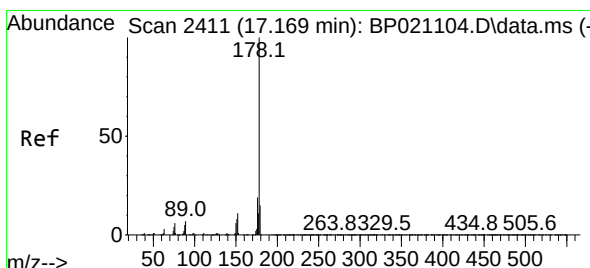
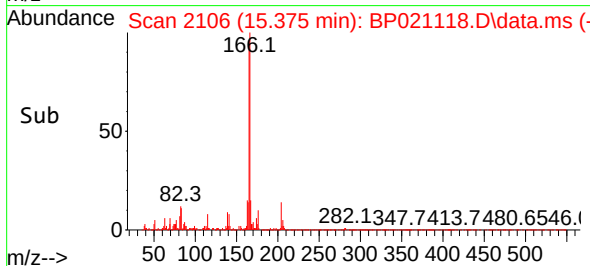
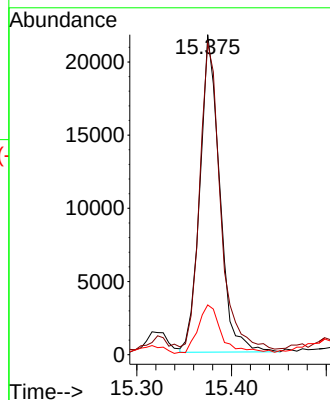
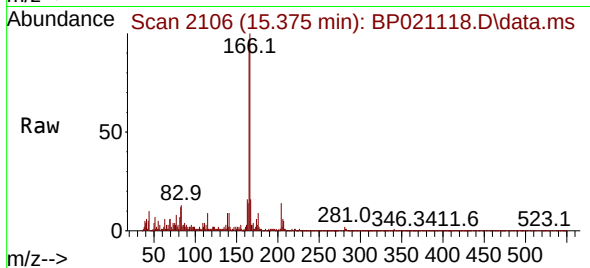
A4BZ5

Tgt Ion:	166	Resp:	3158
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.1	117.1
167	15.5	10.9	16.3

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#72

Phenanthrene

Concen: 11.325 ng/ul

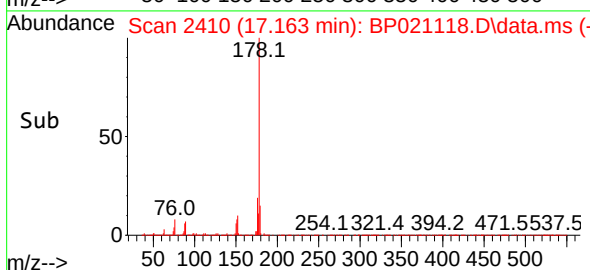
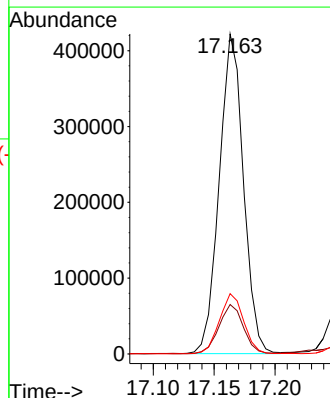
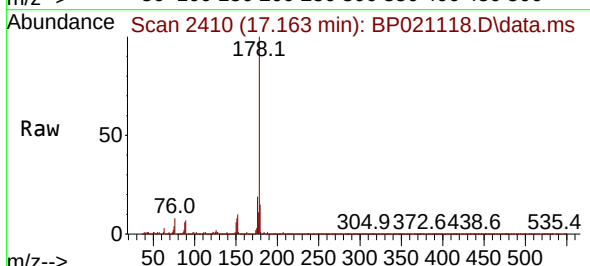
RT: 17.163 min Scan# 2410

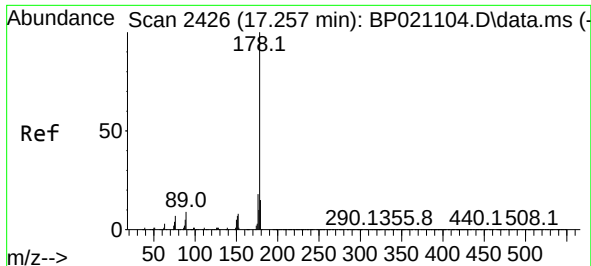
Delta R.T. -0.006 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

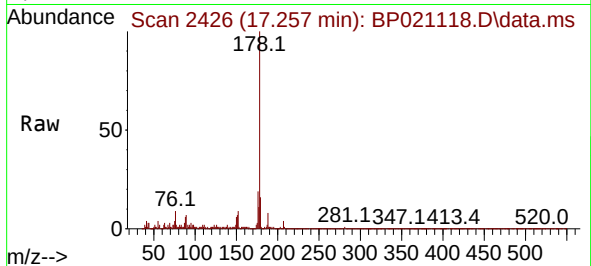
Tgt Ion:	178	Resp:	582454
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	18.9	15.0	22.4





#74
 Anthracene
 Concen: 2.247 ng/ul
 RT: 17.257 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BP021118.D
 Acq: 24 Jul 2024 04:43

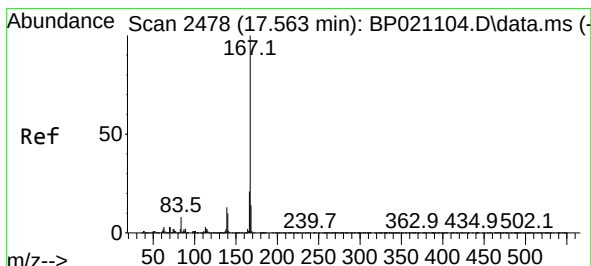
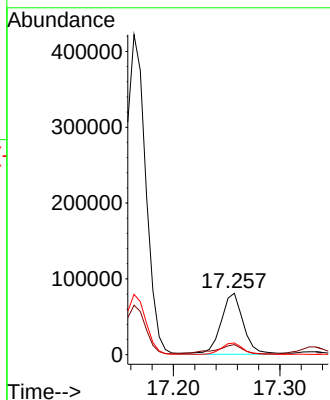
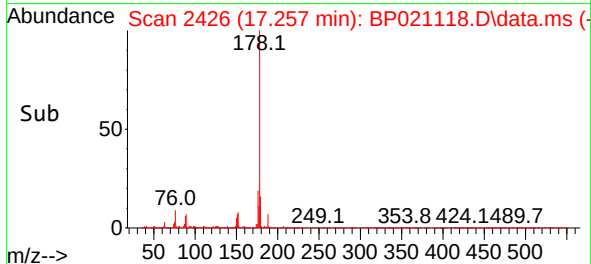
Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5



Tgt Ion:178 Resp: 117839
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.5 18.7
 176 19.1 14.8 22.2

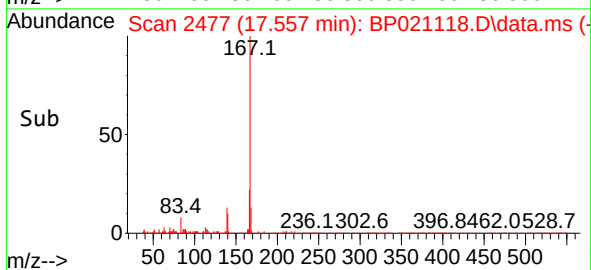
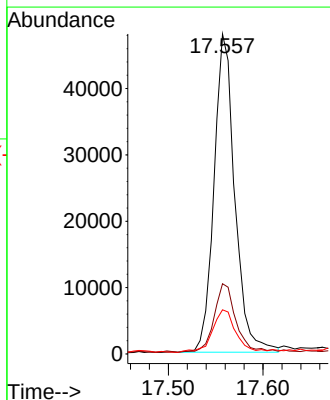
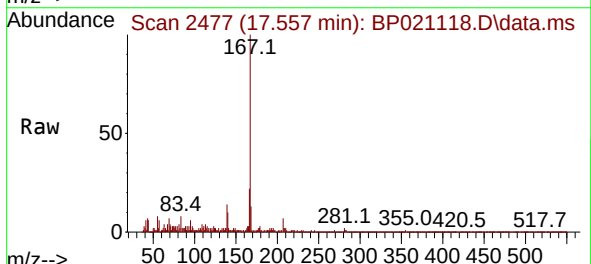
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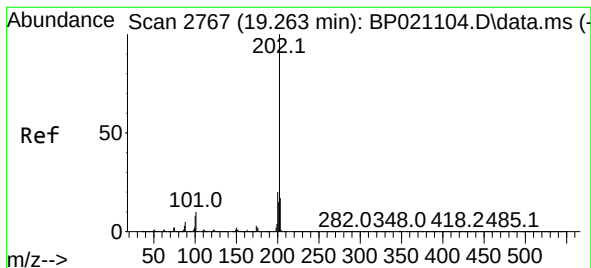
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#77
 Carbazole
 Concen: 1.707 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP021118.D
 Acq: 24 Jul 2024 04:43

Tgt Ion:167 Resp: 73149
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.8 10.2 15.2





#80

Fluoranthene

Concen: 20.565 ng/u1

RT: 19.251 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

Instrument :

BNA_P

ClientSampleId :

A4BZ5

Tgt Ion:202 Resp: 145866

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

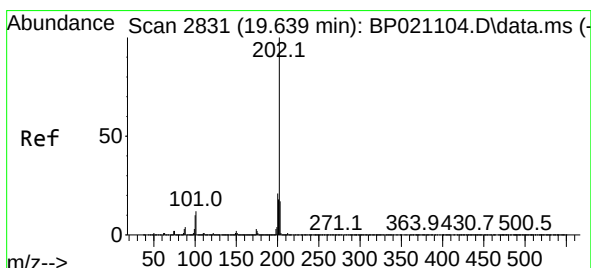
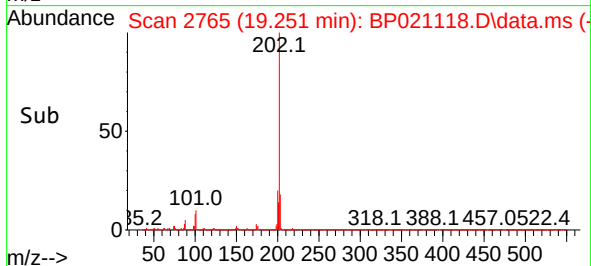
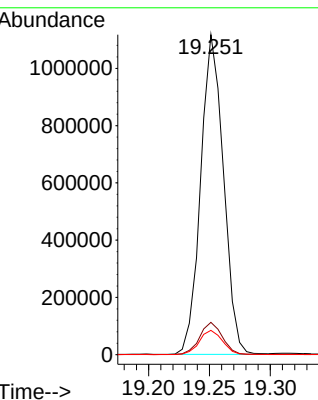
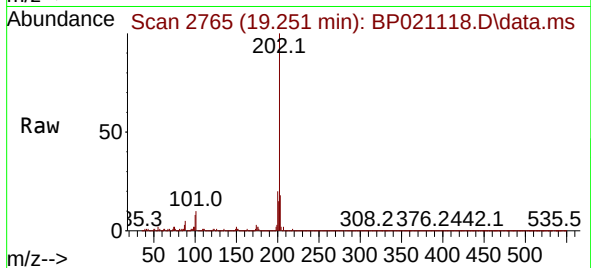
100 7.6 6.1 9.1

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Supervised By :mohammad ahmed 07/25/2024



#82

Pyrene

Concen: 14.553 ng/u1

RT: 19.628 min Scan# 2829

Delta R.T. -0.012 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

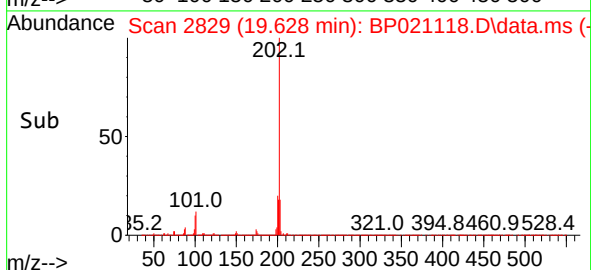
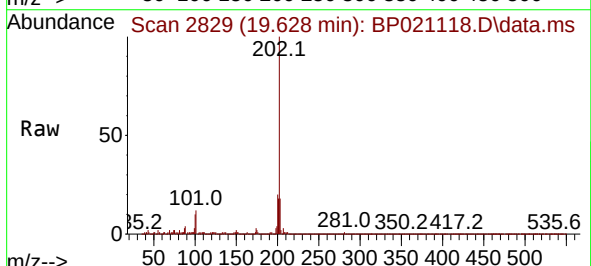
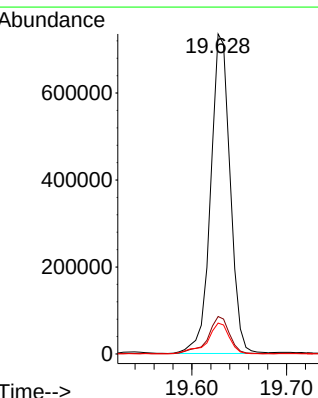
Tgt Ion:202 Resp: 1050410

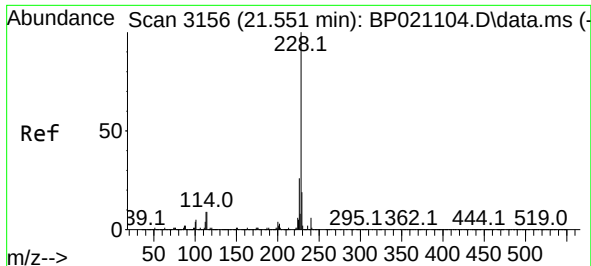
Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

100 9.6 7.8 11.6





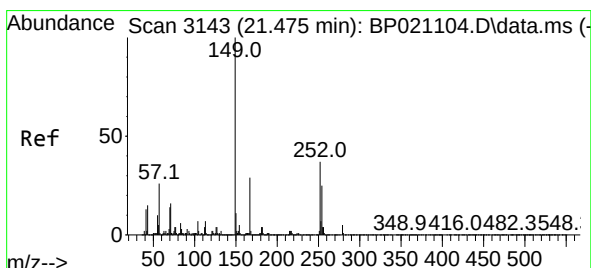
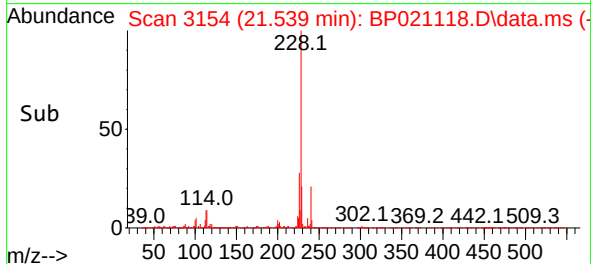
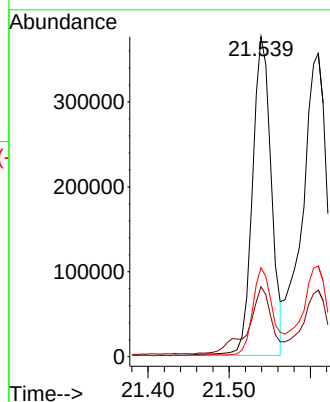
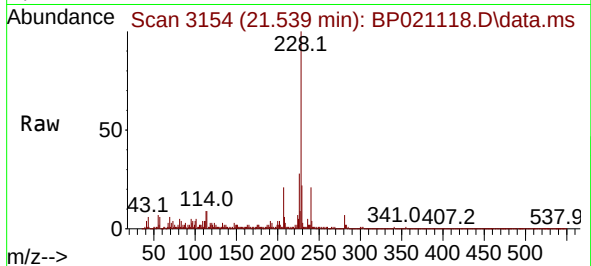
#85
Benzo(a)anthracene
Concen: 9.085 ng/ul
RT: 21.539 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP021118.D
Acq: 24 Jul 2024 04:43

Instrument : BNA_P
ClientSampleId : A4BZ5

Tgt Ion:228 Resp: 604594
Ion Ratio Lower Upper
228 100
229 21.8 15.5 23.3
226 27.8 21.4 32.2

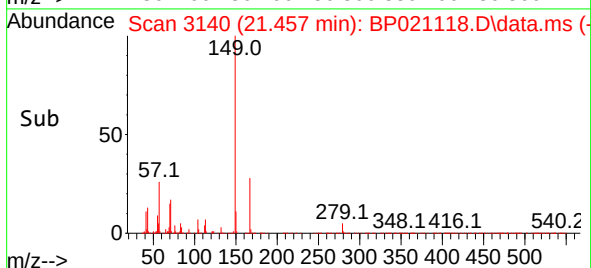
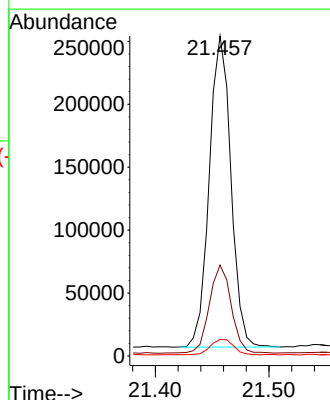
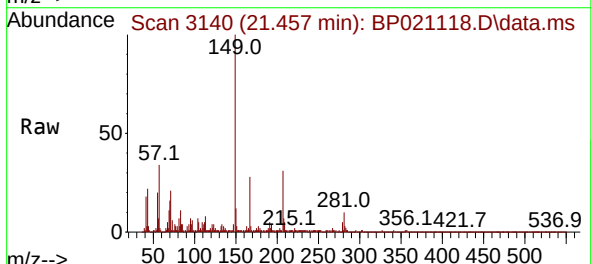
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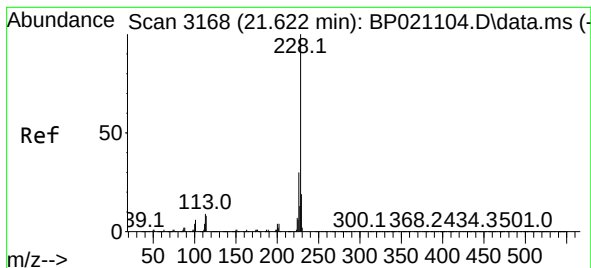
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 7.557 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.018 min
Lab File: BP021118.D
Acq: 24 Jul 2024 04:43

Tgt Ion:149 Resp: 327046
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 5.2 3.7 5.5





#87

Chrysene

Concen: 11.868 ng/ul

RT: 21.610 min Scan# 3168

Delta R.T. -0.012 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

Instrument :

BNA_P

ClientSampleId :

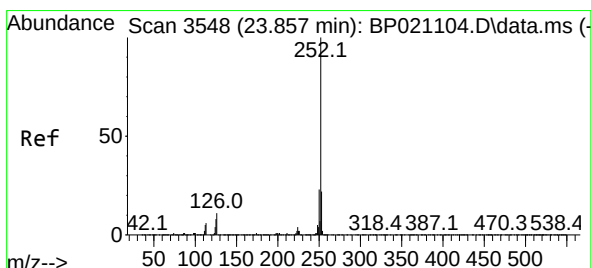
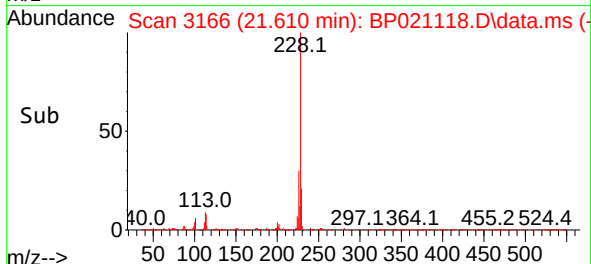
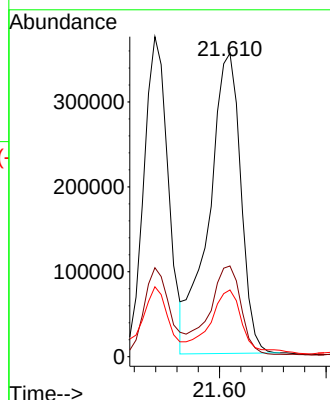
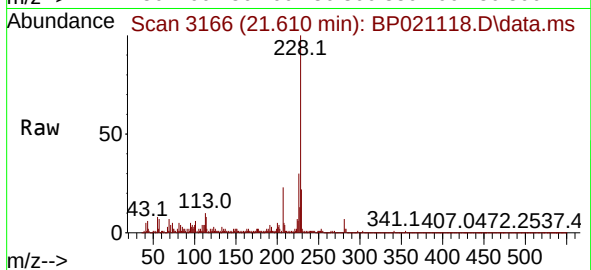
A4BZ5

Tgt Ion:	228	Resp:	73386
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.6	35.4
229	22.0	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 14.945 ng/ul

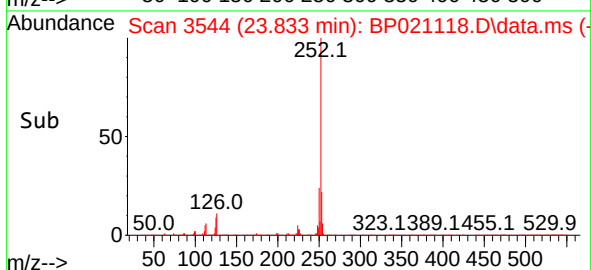
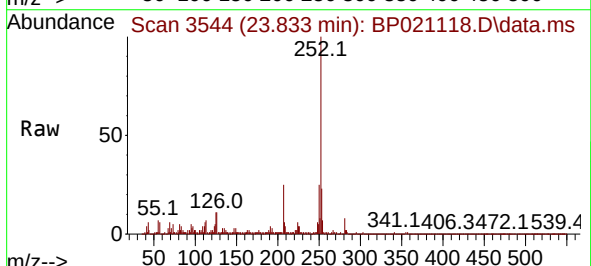
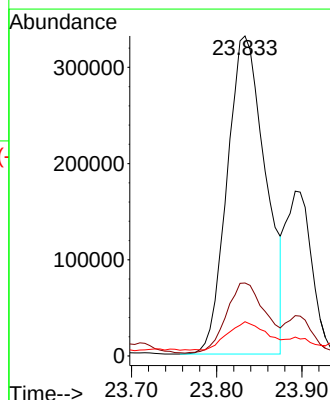
RT: 23.833 min Scan# 3544

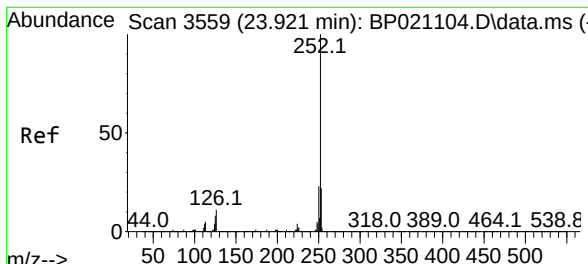
Delta R.T. -0.023 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

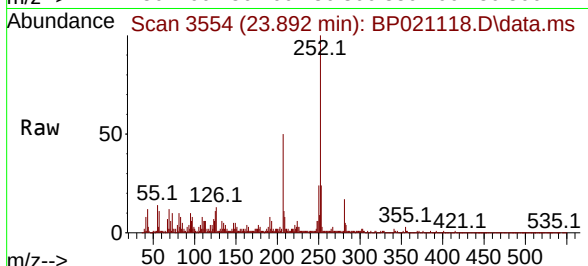
Tgt Ion:	252	Resp:	1037834
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	10.7	7.0	10.4





#91
 Benzo(k)fluoranthene
 Concen: 5.214 ng/ul m
 RT: 23.892 min Scan# 31
 Delta R.T. -0.029 min
 Lab File: BP021118.D
 Acq: 24 Jul 2024 04:43

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5

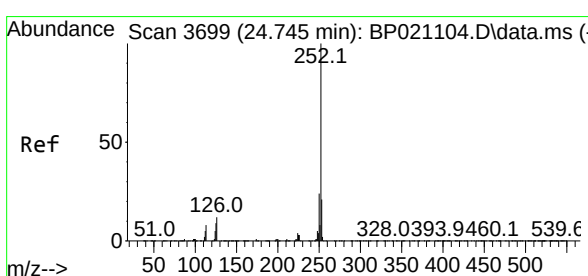
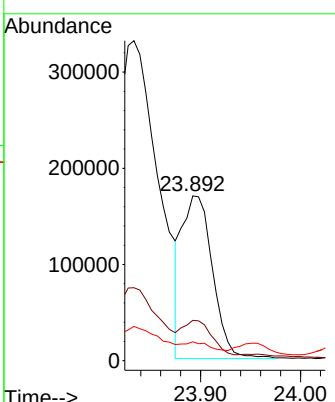
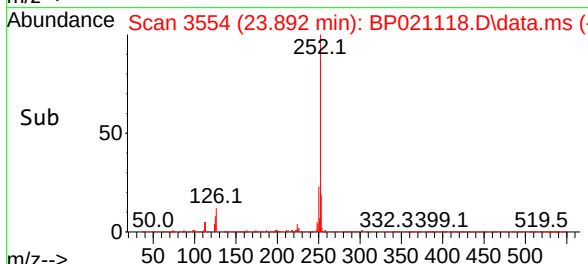


Tgt Ion: 252 Resp: 361340

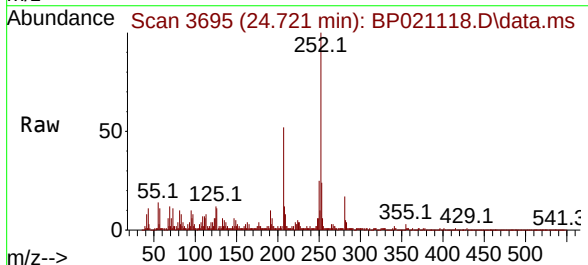
Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	11.4	7.4	11.0

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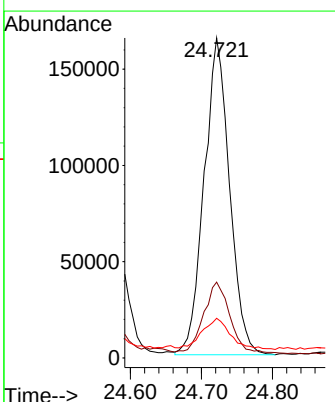
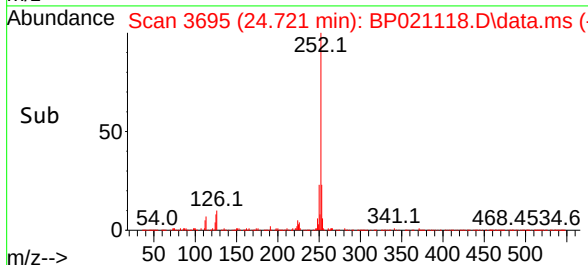


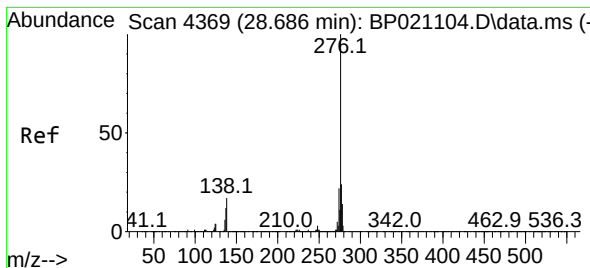
#93
 Benzo(a)pyrene
 Concen: 6.233 ng/ul
 RT: 24.721 min Scan# 3695
 Delta R.T. -0.023 min
 Lab File: BP021118.D
 Acq: 24 Jul 2024 04:43



Tgt Ion: 252 Resp: 409055

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	12.4	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.995 ng/ul

RT: 28.657 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

Instrument :

BNA_P

ClientSampleId :

A4BZ5

Tgt Ion:276 Resp: 42238

Ion Ratio Lower Upper

276 100

138 17.6 14.3 21.5

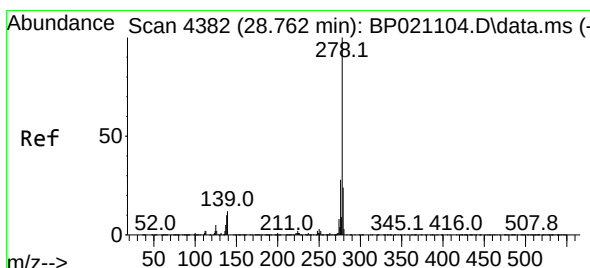
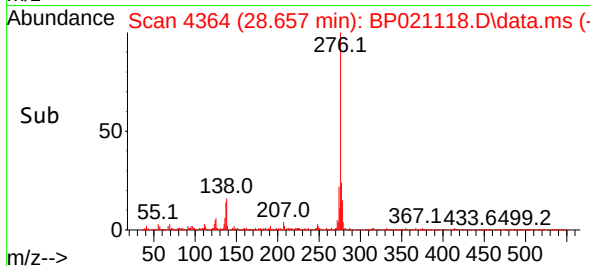
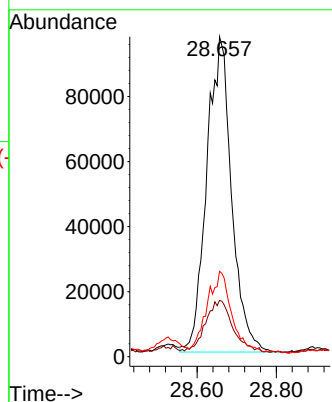
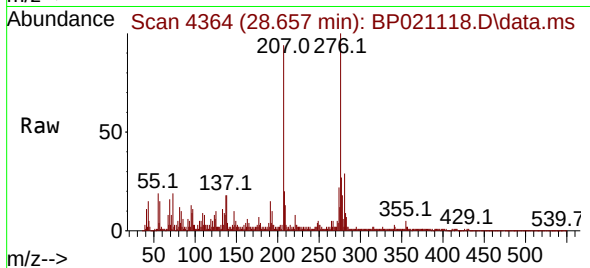
277 26.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/25/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.102 ng/ul m

RT: 28.680 min Scan# 4368

Delta R.T. -0.082 min

Lab File: BP021118.D

Acq: 24 Jul 2024 04:43

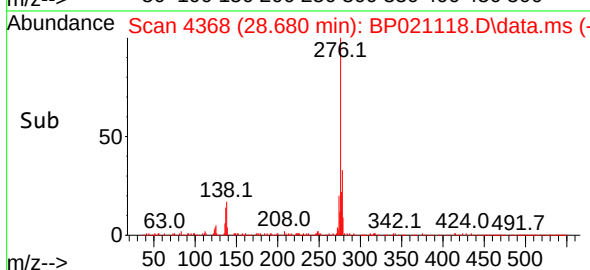
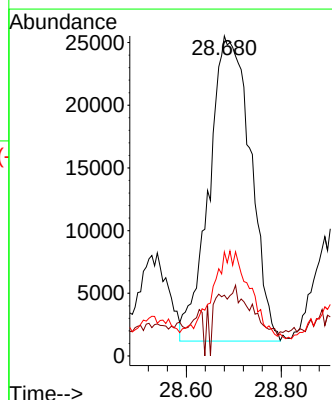
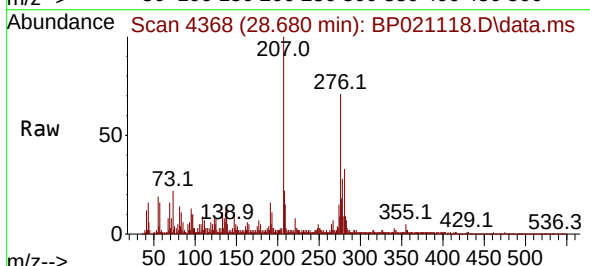
Tgt Ion:278 Resp: 147159

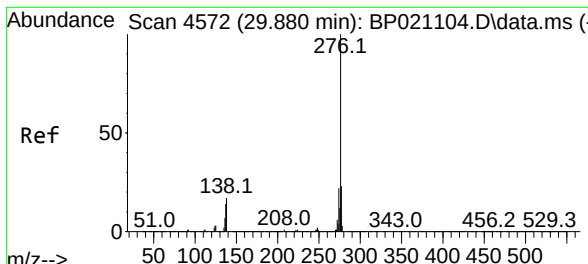
Ion Ratio Lower Upper

278 100

139 19.0 10.9 16.3#

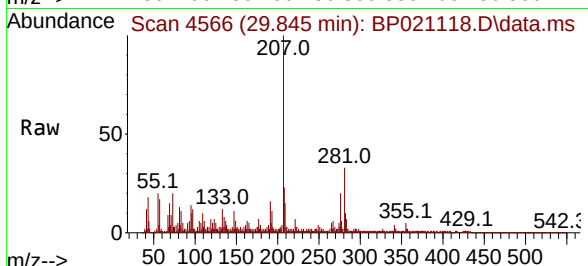
279 32.5 19.4 29.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.138 ng/ul m
 RT: 29.845 min Scan# 4566
 Delta R.T. -0.035 min
 Lab File: BP021118.D
 Acq: 24 Jul 2024 04:43

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ5



Tgt Ion: 276 Resp: 7840

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.3	22.9
277	30.0	18.2	27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

