

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021116.D
 Acq On : 24 Jul 2024 03:17
 Operator : MA/JU
 Sample : P3238-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF0

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 06:07:06 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	7.663	152	156693	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	649723	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	445138	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	985945	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	934177	20.000	ng/u1	-0.02
88) Perylene-d12	24.886	264	1159043	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	12662	3.677	ng/uL	0.00
4) Pyridine-d5	3.611	84	181345	18.191	ng/u1	0.00
7) Phenol-d5	6.881	99	286861	22.455	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	158646	20.492	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	228723	21.731	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	232790	21.941	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	110505	21.897	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	130373	22.572	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	234768	22.478	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	292898	21.169	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	723095	22.346	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	850992	23.421	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	107034m	23.248	ng/u1	0.02
60) Fluorene-d10	15.322	176	657953	24.784	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	46299	7.761	ng/u1	0.00
73) Anthracene-d10	17.222	188	1026412	23.439	ng/u1	0.00
81) Pyrene-d10	19.598	212	1303511	22.570	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.645	264	1411055	24.684	ng/u1	-0.04
Target Compounds						
					Qvalue	
72) Phenanthrene	17.169	178	362430	7.086	ng/u1	100
74) Anthracene	17.257	178	76009	1.458	ng/u1	98
77) Carbazole	17.563	167	43791	1.027	ng/u1	98
80) Fluoranthene	19.257	202	475273	6.814	ng/u1	99
82) Pyrene	19.627	202	401814	5.661	ng/u1	97
85) Benzo(a)anthracene	21.539	228	206850	3.161	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	727410	17.093	ng/u1	99
87) Chrysene	21.604	228	207285m	3.409	ng/u1	
90) Benzo(b)fluoranthene	23.827	252	253940	3.610	ng/u1#	92
91) Benzo(k)fluoranthene	23.898	252	94764	1.350	ng/u1#	89
93) Benzo(a)pyrene	24.709	252	186662m	2.808	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.650	276	124112m	1.449	ng/u1	
96) Benzo(g,h,i)perylene	29.815	276	120728m	1.731	ng/u1	

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

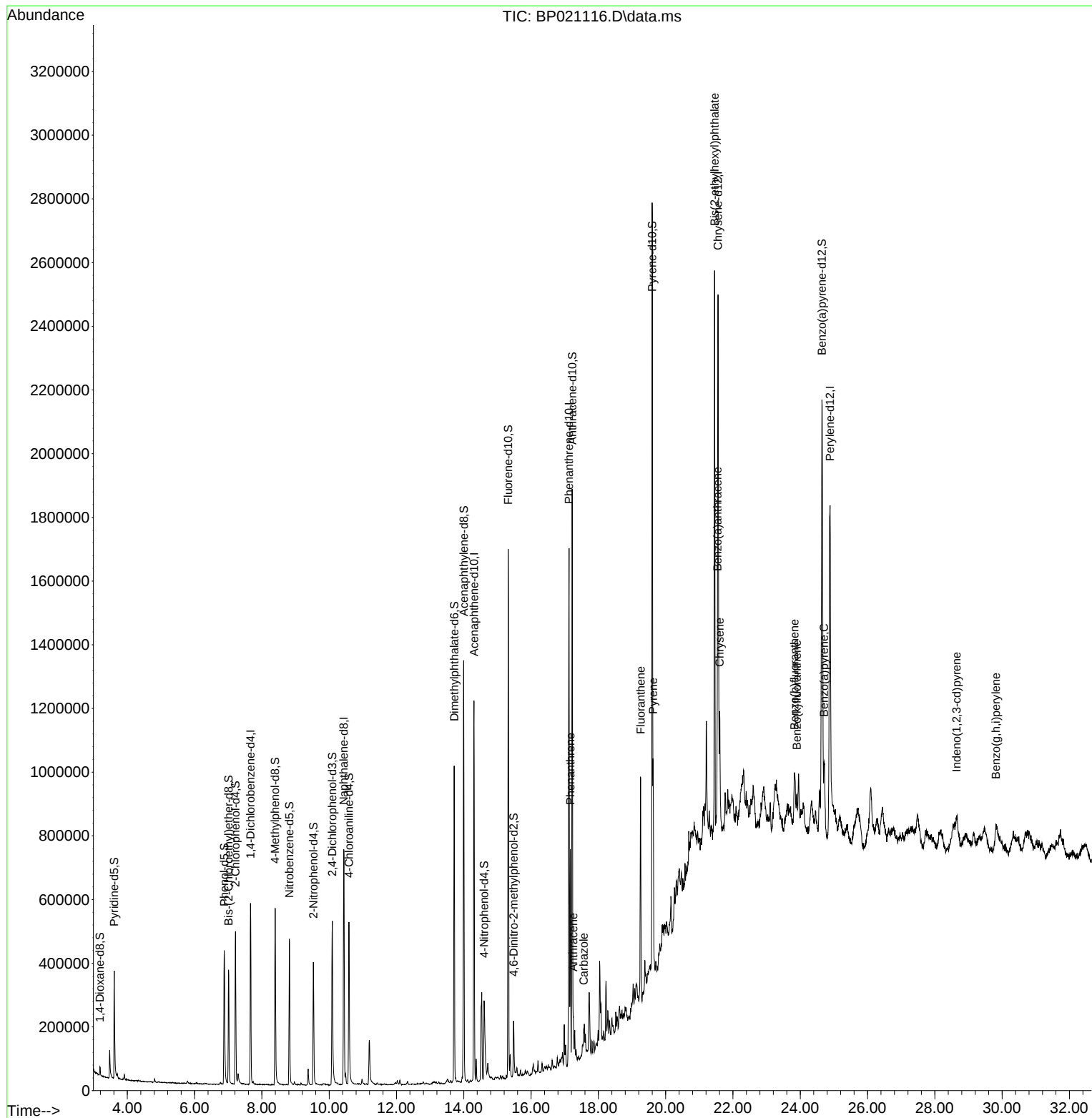
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

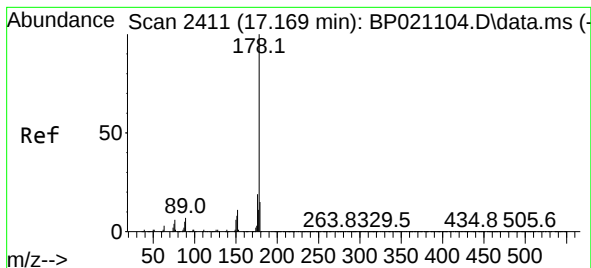
Instrument :
BNA_P
ClientSampleId :
A4BF0

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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





#72

Phenanthrene

Concen: 7.086 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BP021116.D

Acq: 24 Jul 2024 03:17

Instrument :

BNA_P

ClientSampleId :

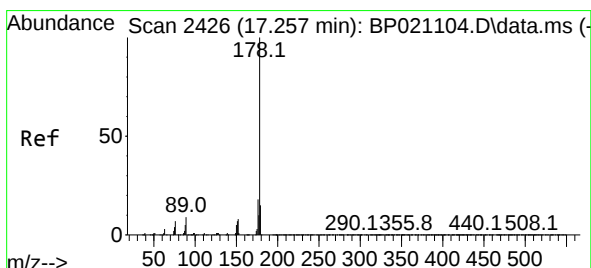
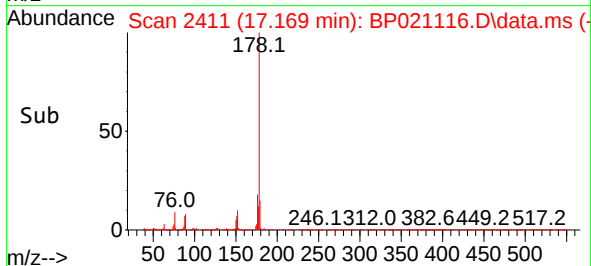
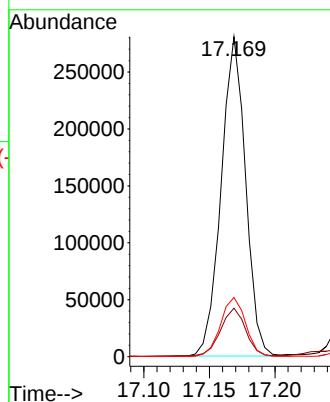
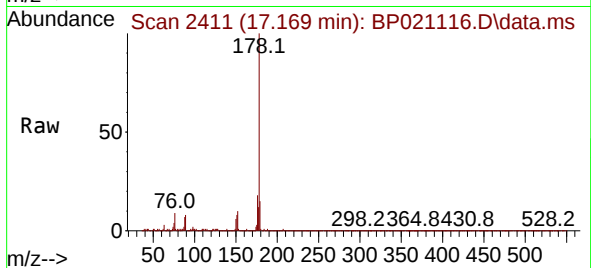
A4BF0

Tgt Ion:178	Resp: 362430
Ion Ratio	Lower Upper
178	100
179	15.2 12.2 18.4
176	18.5 15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 1.458 ng/ul

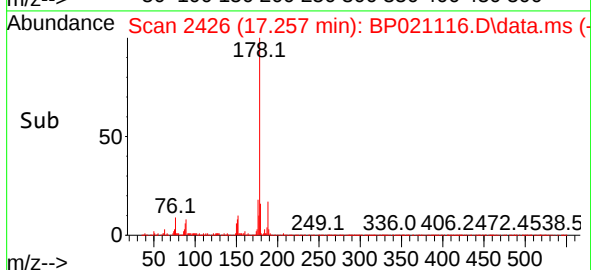
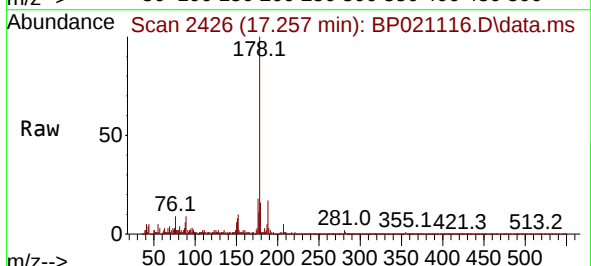
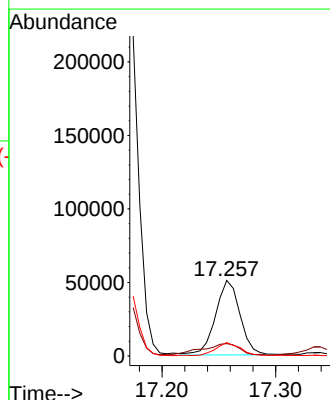
RT: 17.257 min Scan# 2426

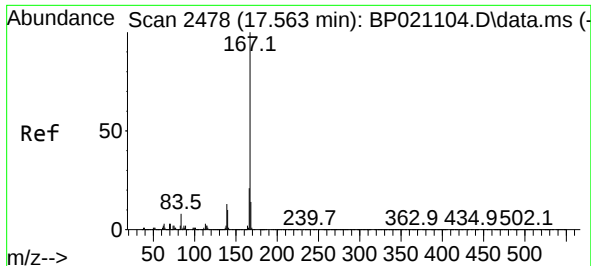
Delta R.T. -0.000 min

Lab File: BP021116.D

Acq: 24 Jul 2024 03:17

Tgt Ion:178	Resp: 76009
Ion Ratio	Lower Upper
178	100
179	16.4 12.5 18.7
176	17.9 14.8 22.2





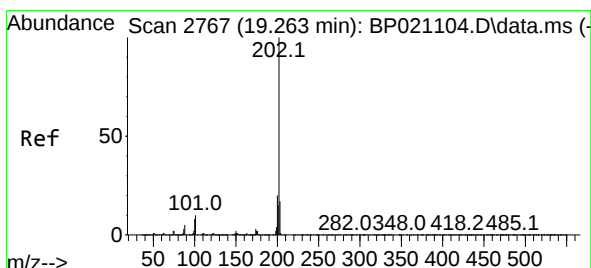
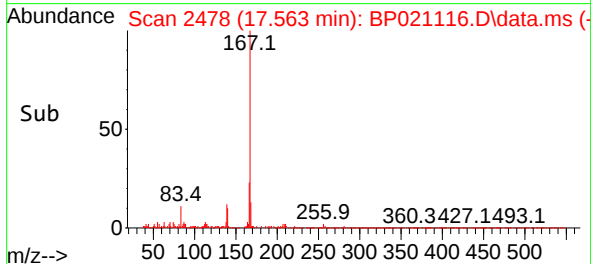
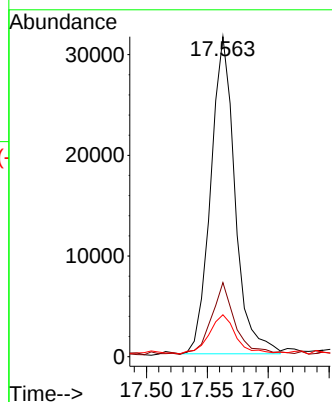
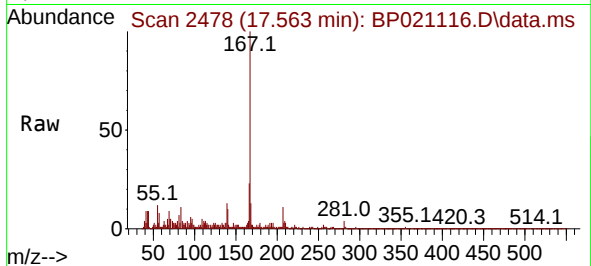
#77
 Carbazole
 Concen: 1.027 ng/ul
 RT: 17.563 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP021116.D
 Acq: 24 Jul 2024 03:17

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:167 Resp: 4379
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.3 25.9
 139 13.1 10.2 15.2

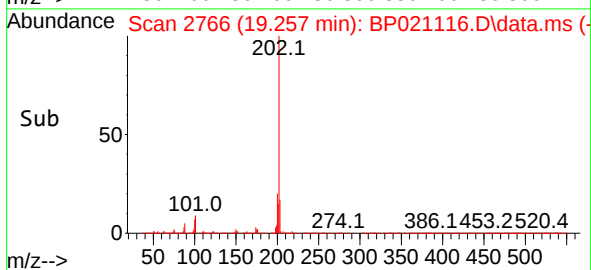
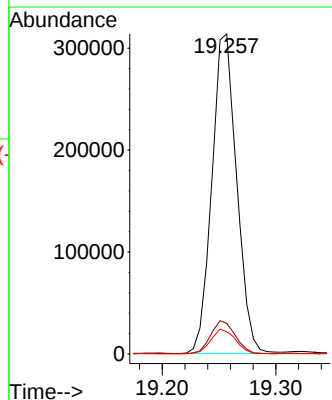
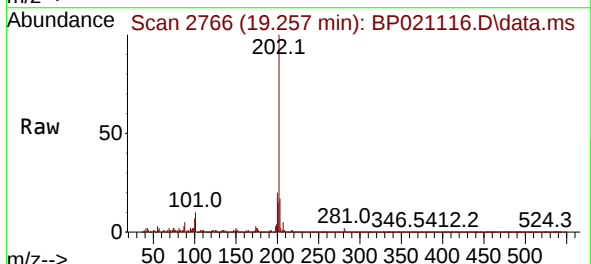
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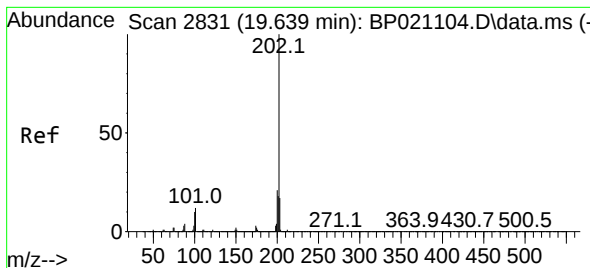
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 6.814 ng/ul
 RT: 19.257 min Scan# 2766
 Delta R.T. -0.006 min
 Lab File: BP021116.D
 Acq: 24 Jul 2024 03:17

Tgt Ion:202 Resp: 475273
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.0 12.0
 100 7.0 6.1 9.1





#82

Pyrene

Concen: 5.661 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021116.D

Acq: 24 Jul 2024 03:17

Instrument :

BNA_P

ClientSampleId :

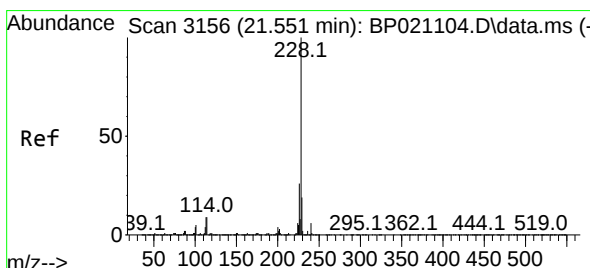
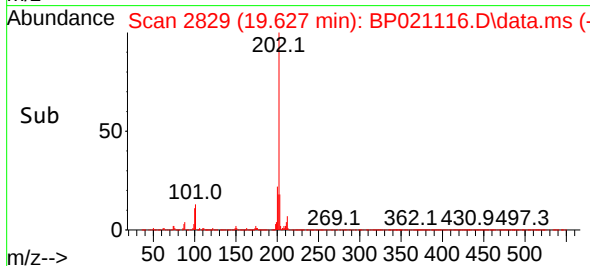
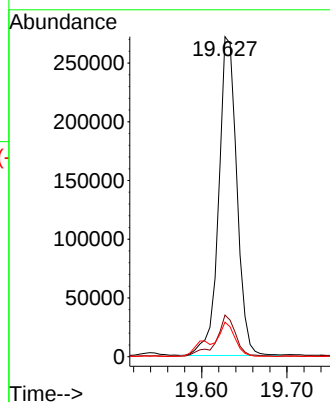
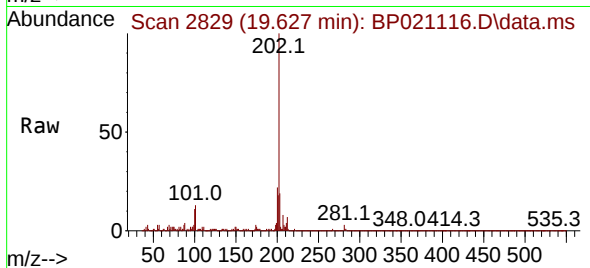
A4BF0

Tgt Ion:	202	Resp:	401814
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.4	14.2
100	10.8	7.8	11.6

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



#85

Benzo(a)anthracene

Concen: 3.161 ng/ul

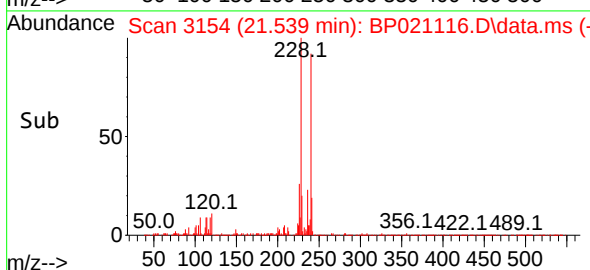
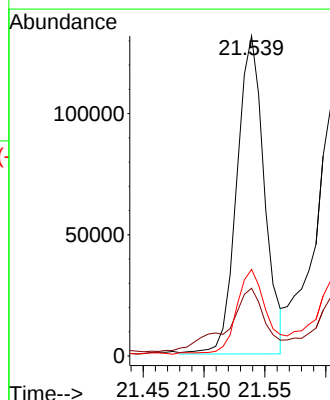
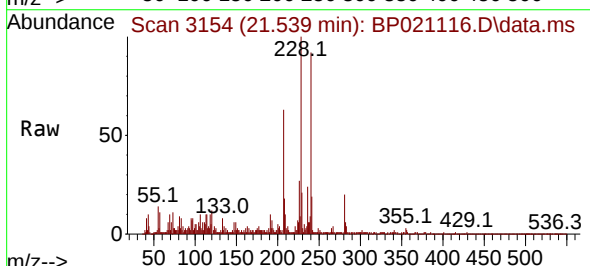
RT: 21.539 min Scan# 3154

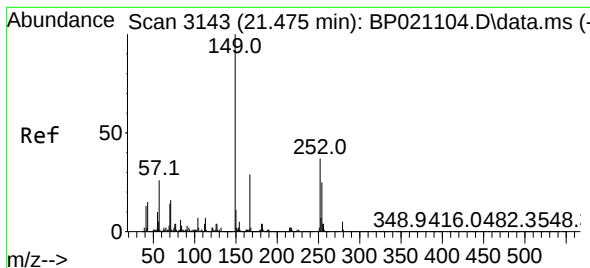
Delta R.T. -0.012 min

Lab File: BP021116.D

Acq: 24 Jul 2024 03:17

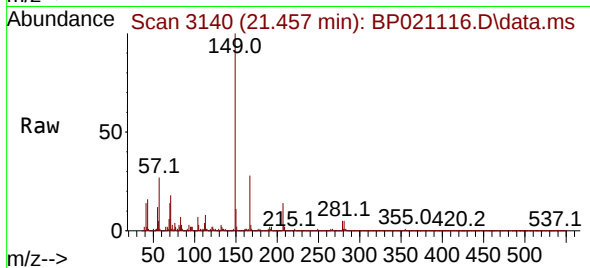
Tgt Ion:	228	Resp:	206850
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.5	23.3
226	27.0	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 17.093 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.018 min
Lab File: BP021116.D
Acq: 24 Jul 2024 03:17

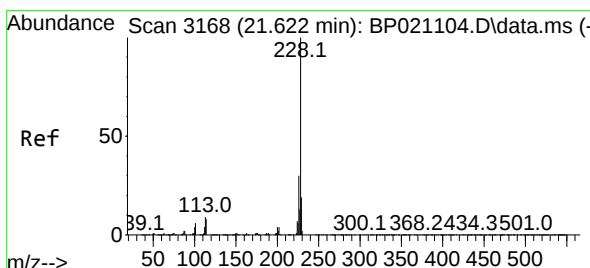
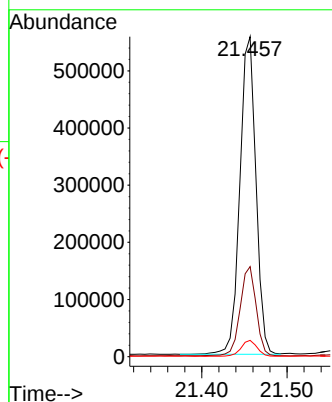
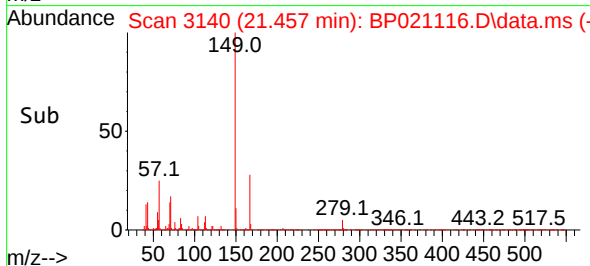
Instrument :
BNA_P
ClientSampleId :
A4BF0



Tgt Ion:149 Resp: 727410
Ion Ratio Lower Upper
149 100
167 28.1 22.1 33.1
279 5.1 3.7 5.5

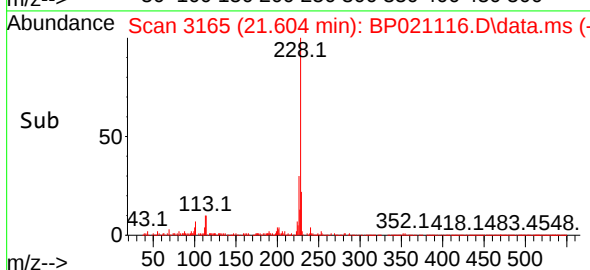
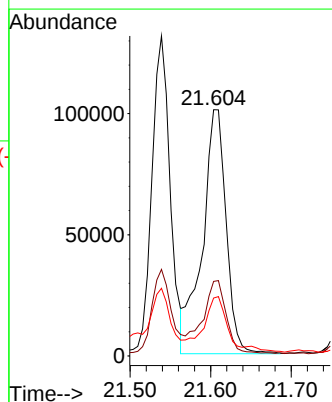
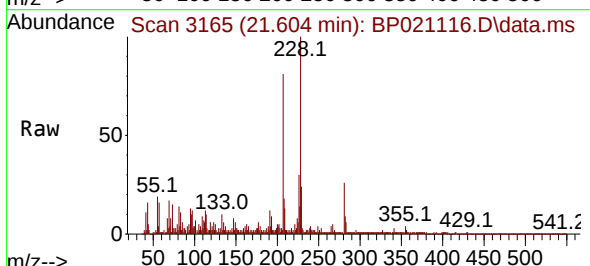
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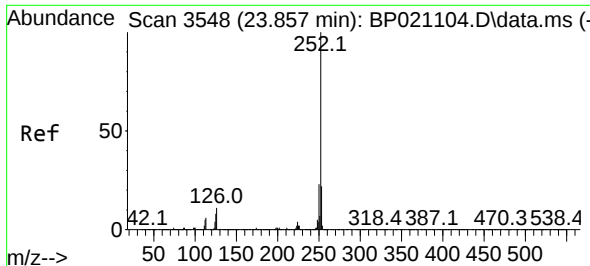
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 3.409 ng/ul m
RT: 21.604 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP021116.D
Acq: 24 Jul 2024 03:17

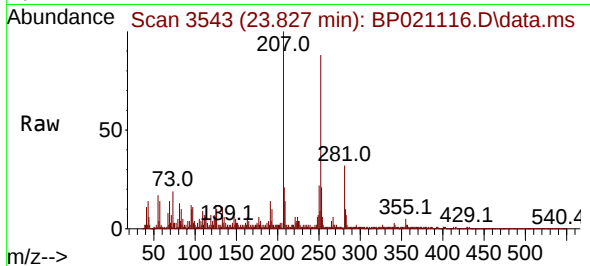
Tgt Ion:228 Resp: 207285
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 23.5 15.5 23.3#





#90
Benzo(b)fluoranthene
Concen: 3.610 ng/ul
RT: 23.827 min Scan# 3548
Delta R.T. -0.030 min
Lab File: BP021116.D
Acq: 24 Jul 2024 03:17

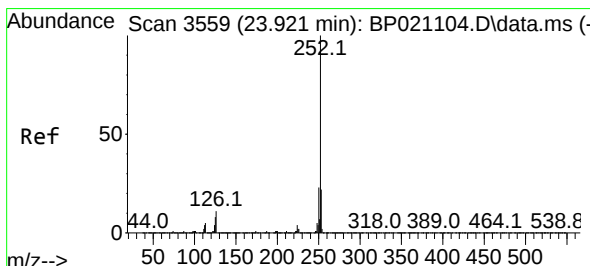
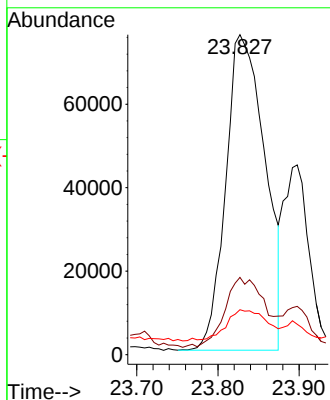
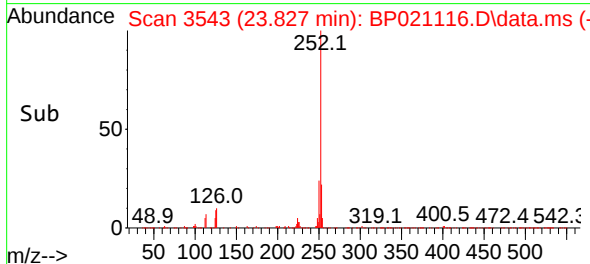
Instrument :
BNA_P
ClientSampleId :
A4BF0



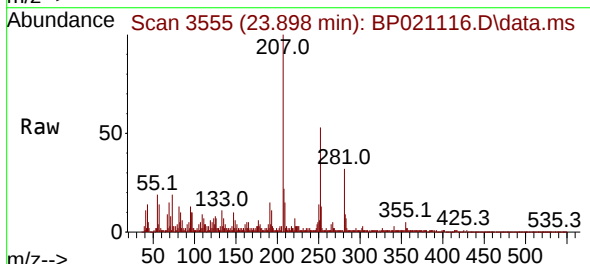
Tgt Ion:252 Resp: 253940
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 14.1 7.0 10.4

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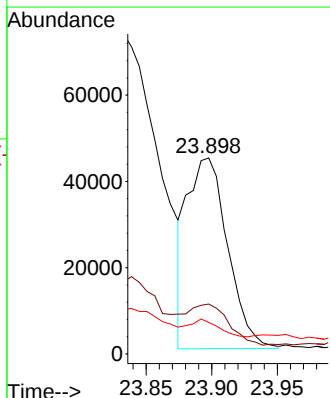
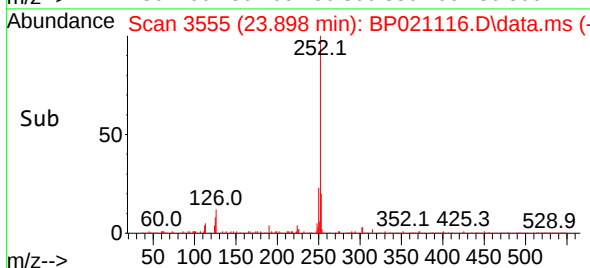
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

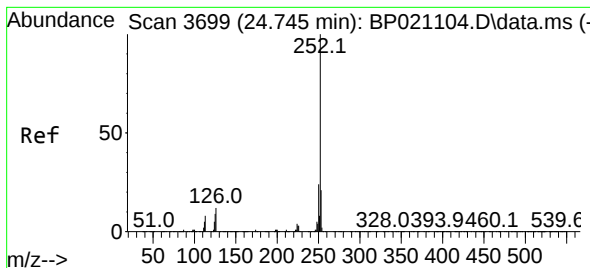


#91
Benzo(k)fluoranthene
Concen: 1.350 ng/ul
RT: 23.898 min Scan# 3555
Delta R.T. -0.024 min
Lab File: BP021116.D
Acq: 24 Jul 2024 03:17



Tgt Ion:252 Resp: 94764
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 16.1 7.4 11.0





#93

Benzo(a)pyrene

Concen: 2.808 ng/ul m

RT: 24.709 min Scan# 3693

Delta R.T. -0.036 min

Lab File: BP021116.D

Acq: 24 Jul 2024 03:17

Instrument :

BNA_P

ClientSampleId :

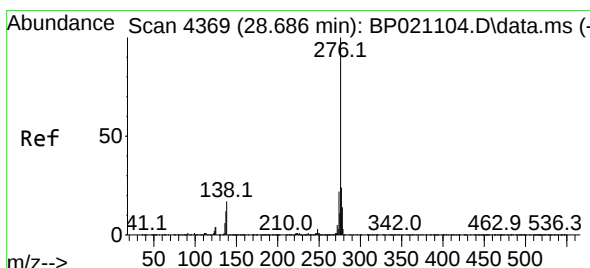
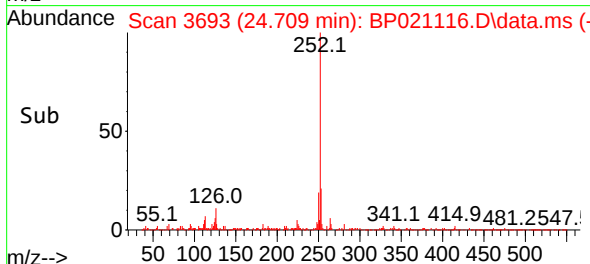
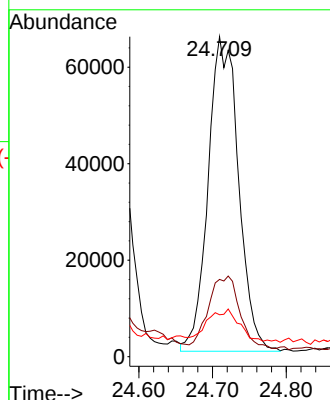
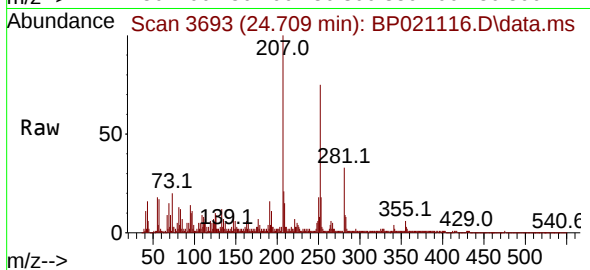
A4BF0

Tgt Ion:	252	Resp:	186662
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	13.1	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.449 ng/ul m

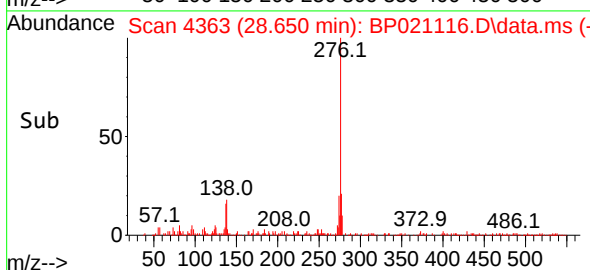
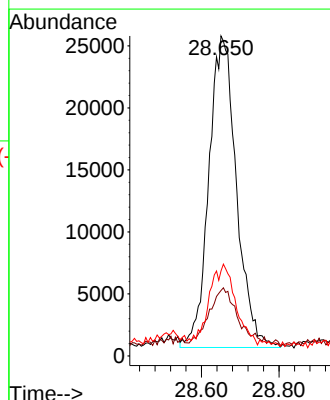
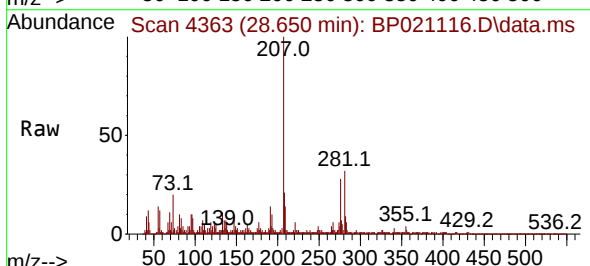
RT: 28.650 min Scan# 4363

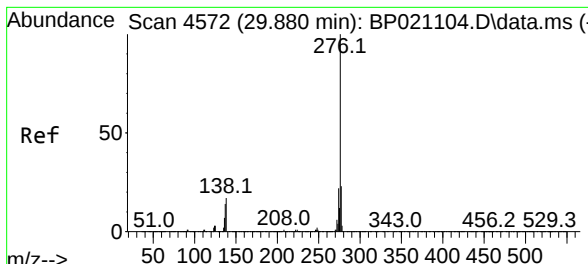
Delta R.T. -0.036 min

Lab File: BP021116.D

Acq: 24 Jul 2024 03:17

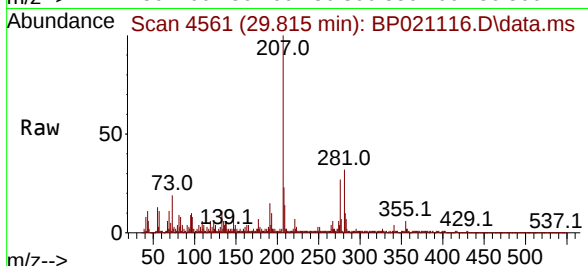
Tgt Ion:	276	Resp:	124112
Ion Ratio	Lower	Upper	
276	100		
138	20.5	14.3	21.5
277	26.6	19.2	28.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.731 ng/ul m
 RT: 29.815 min Scan# 4561
 Delta R.T. -0.065 min
 Lab File: BP021116.D
 Acq: 24 Jul 2024 03:17

Instrument :
 BNA_P
 ClientSampleId :
 A4BF0



Tgt Ion: 276 Resp: 120728
 Ion Ratio Lower Upper
 276 100
 138 21.8 15.3 22.9
 277 25.2 18.2 27.2

Manual Integrations
 APPROVED

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

