

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021064.D
 Acq On : 19 Jul 2024 04:20
 Operator : MA/JU
 Sample : P3201-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 04:47:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	173950	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.446	136	712881	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	461022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1005884	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	965519	20.000	ng/u1	-0.01
88) Perylene-d12	24.857	264	1164065	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16595	4.341	ng/uL	0.00
4) Pyridine-d5	3.646	84	229697	20.756	ng/u1	-0.01
7) Phenol-d5	6.893	99	370602	26.133	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	208290	24.235	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.234	132	297198	25.435	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	302101	25.648	ng/u1	-0.01
21) Nitrobenzene-d5	8.840	128	143090	25.842	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	169462	26.740	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	293888	25.646	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	361352	23.802	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	880135	26.262	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1023577	27.200	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	127568m	26.753	ng/u1	-0.01
60) Fluorene-d10	15.322	176	785429	28.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	110277	18.119	ng/u1	0.00
73) Anthracene-d10	17.228	188	1236504	27.677	ng/u1	0.00
81) Pyrene-d10	19.604	212	1522142	25.500	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.633	264	1651248	28.762	ng/u1	-0.05
Target Compounds						
					Qvalue	
72) Phenanthrene	17.175	178	109333	2.095	ng/u1	99
80) Fluoranthene	19.263	202	180384	2.502	ng/u1	97
82) Pyrene	19.633	202	169559	2.311	ng/u1	98
85) Benzo(a)anthracene	21.545	228	81714	1.208	ng/u1	97
87) Chrysene	21.610	228	79746m	1.269	ng/u1	
90) Benzo(b)fluoranthene	23.815	252	102198	1.447	ng/u1#	86
93) Benzo(a)pyrene	24.709	252	73563	1.102	ng/u1#	83

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

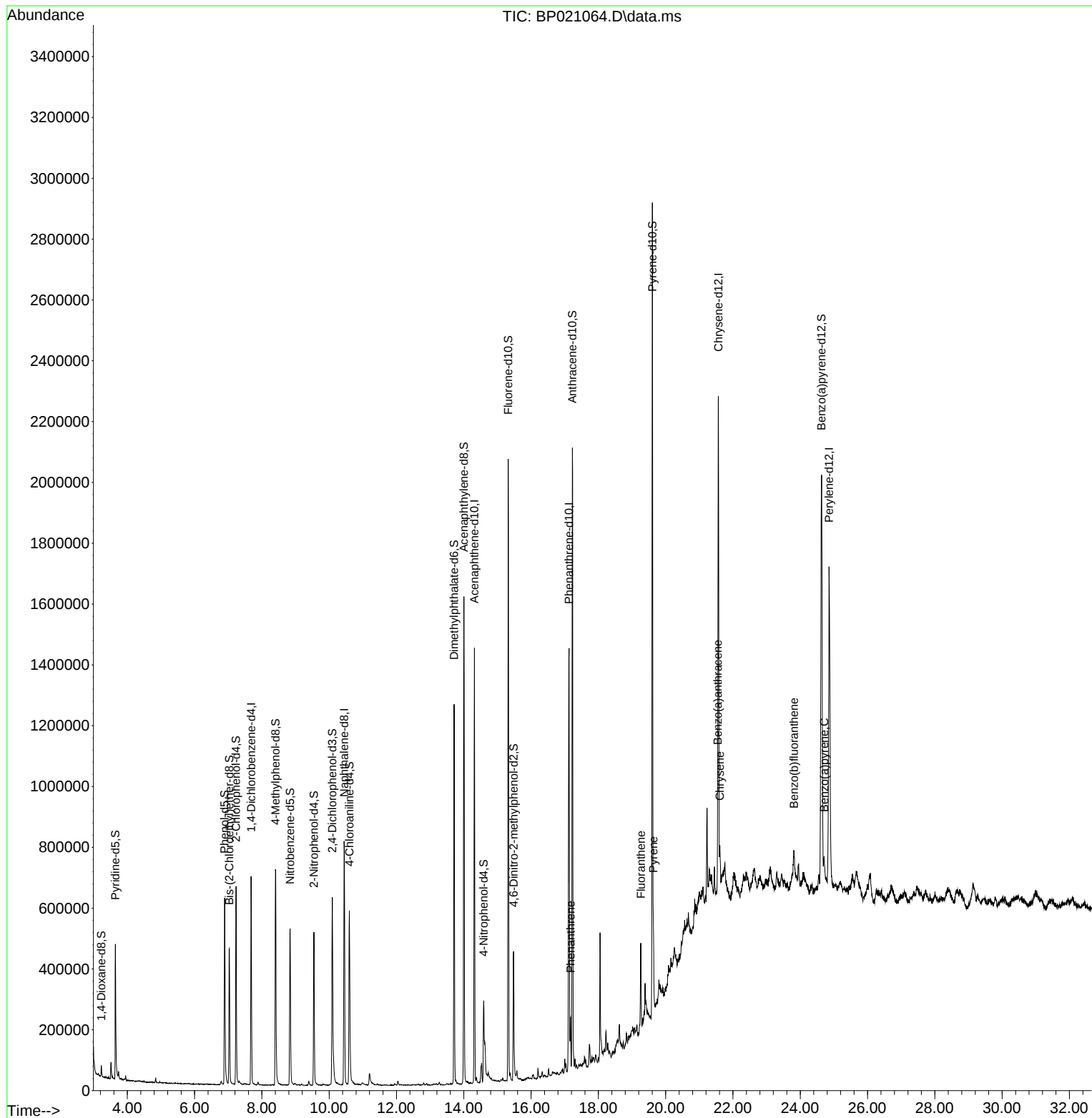
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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Acq On : 19 Jul 2024 04:20
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ALS Vial : 23 Sample Multiplier: 1

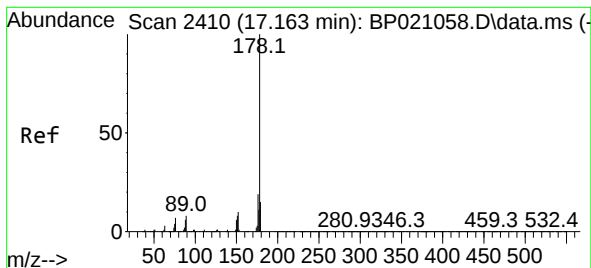
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.095 ng/ul

RT: 17.175 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP021064.D

Acq: 19 Jul 2024 04:20

Instrument :

BNP_P

ClientSampleId :

A4CJ0

Tgt Ion:178 Resp: 10933

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

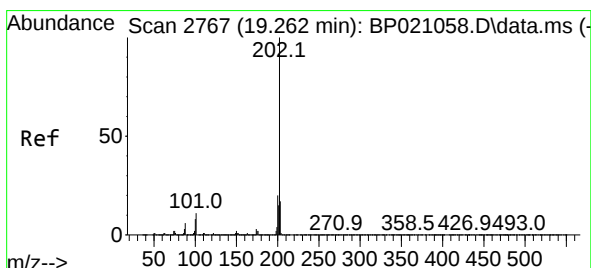
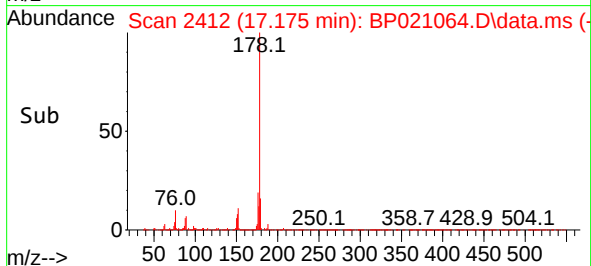
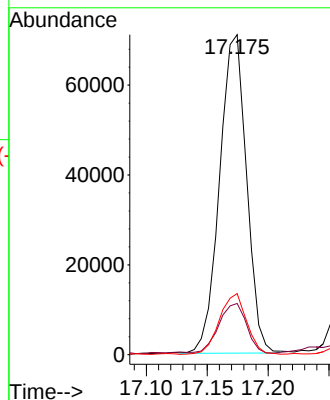
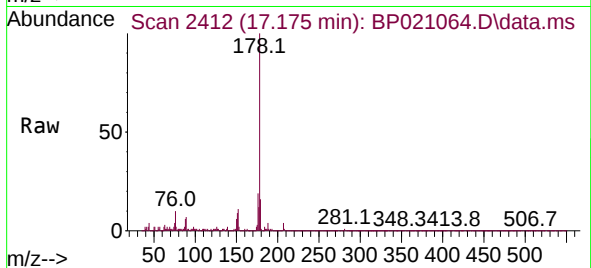
176 19.1 15.0 22.4

Manual Integrations

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#80

Fluoranthene

Concen: 2.502 ng/ul

RT: 19.263 min Scan# 2767

Delta R.T. -0.000 min

Lab File: BP021064.D

Acq: 19 Jul 2024 04:20

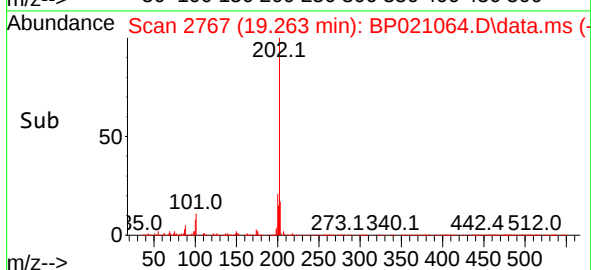
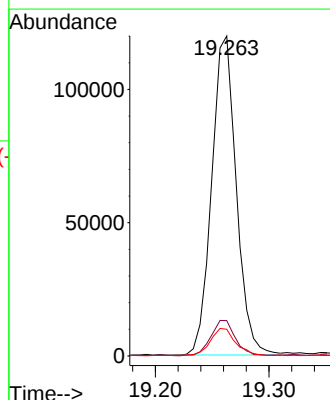
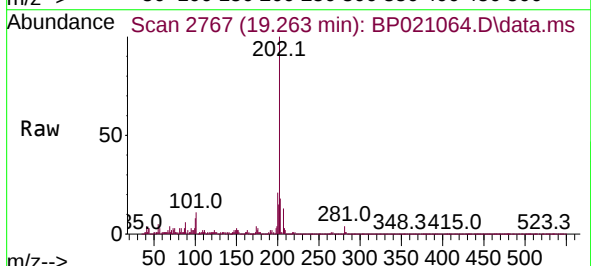
Tgt Ion:202 Resp: 180384

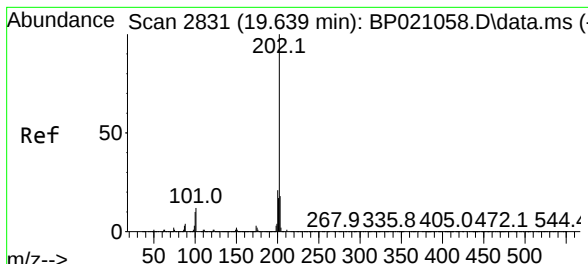
Ion Ratio Lower Upper

202 100

101 11.1 8.0 12.0

100 8.3 6.1 9.1



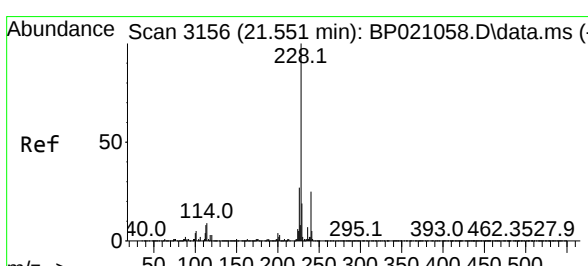
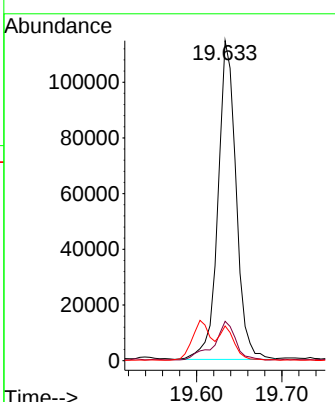
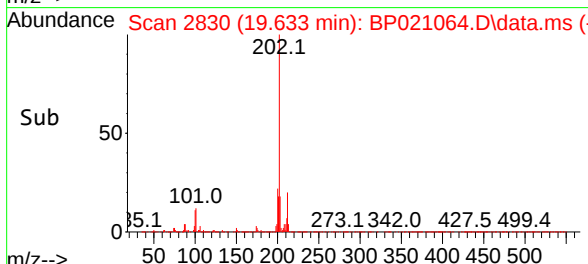
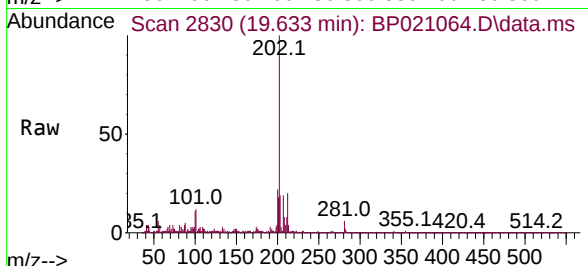


#82
 Pyrene
 Concen: 2.311 ng/ul
 RT: 19.633 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP021064.D
 Acq: 19 Jul 2024 04:20

Instrument : BNA_P
 ClientSampleId : A4CJ0

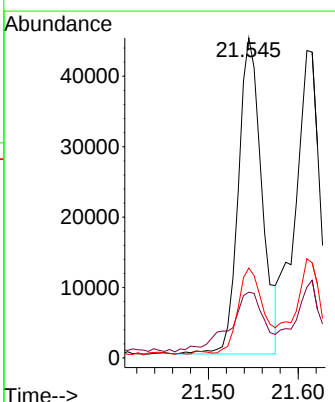
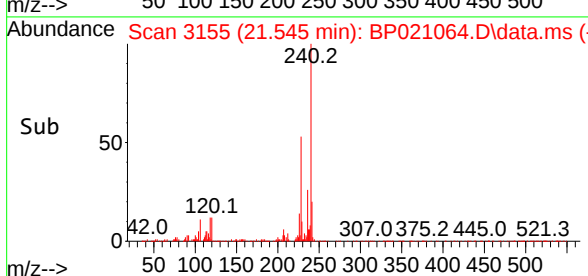
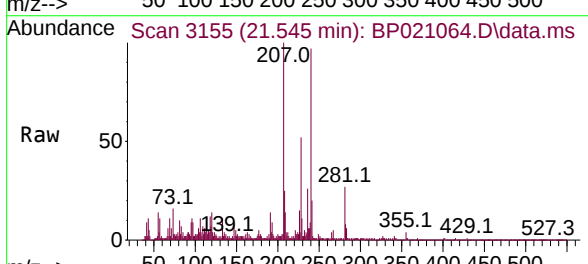
Tgt Ion:	202	Resp:	16955
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.4	14.2
100	10.8	7.8	11.6

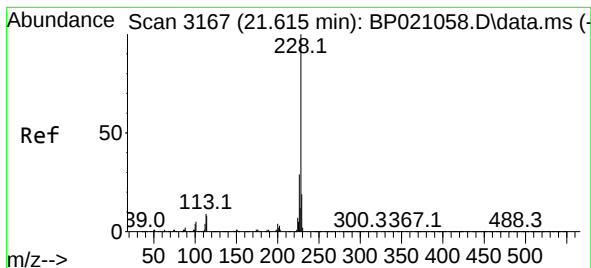
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#85
 Benzo(a)anthracene
 Concen: 1.208 ng/ul
 RT: 21.545 min Scan# 3155
 Delta R.T. -0.018 min
 Lab File: BP021064.D
 Acq: 19 Jul 2024 04:20

Tgt Ion:	228	Resp:	81714
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.5	23.3
226	28.1	21.4	32.2





#87

Chrysene

Concen: 1.269 ng/ul m

RT: 21.610 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP021064.D

Acq: 19 Jul 2024 04:20

Instrument :

BNA_P

ClientSampleId :

A4CJ0

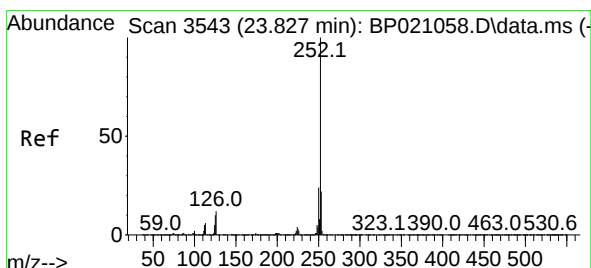
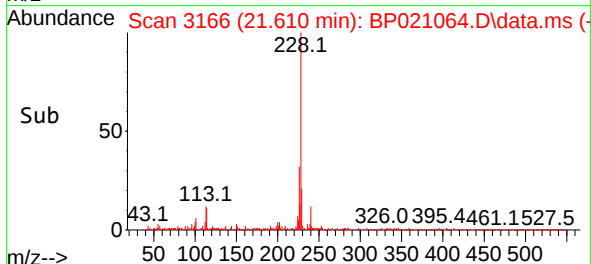
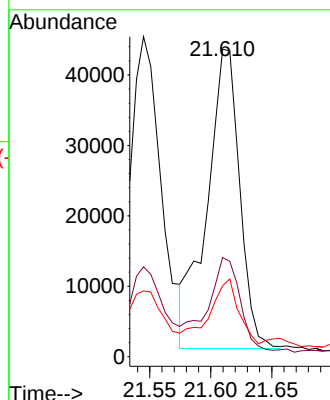
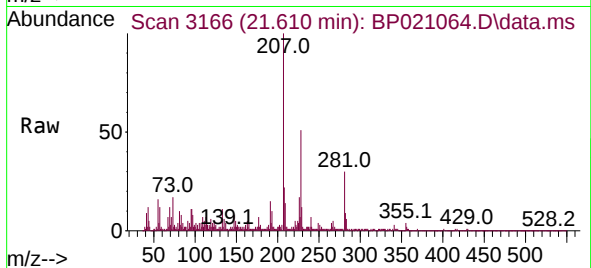
Tgt Ion:228	Resp:	79740
Ion Ratio	Lower	Upper
228	100	
226	32.3	23.6 35.4
229	23.1	15.5 23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.447 ng/ul

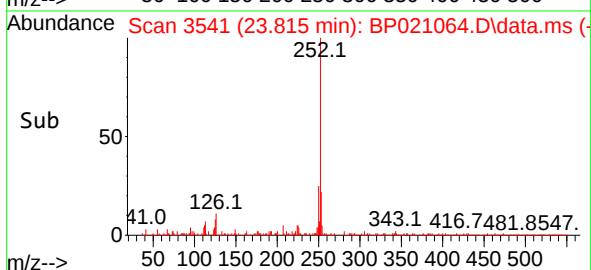
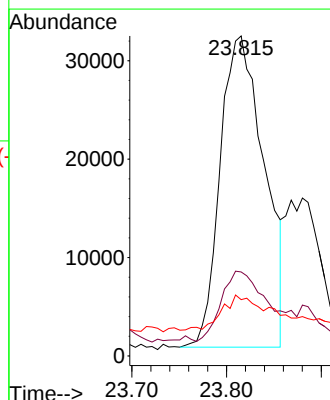
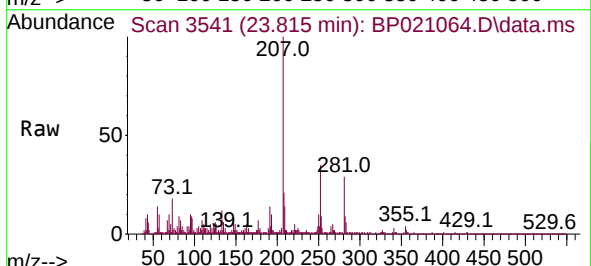
RT: 23.815 min Scan# 3541

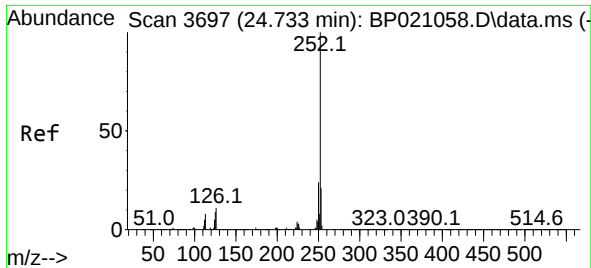
Delta R.T. -0.035 min

Lab File: BP021064.D

Acq: 19 Jul 2024 04:20

Tgt Ion:252	Resp:	102198
Ion Ratio	Lower	Upper
252	100	
253	26.2	17.1 25.7#
125	17.6	7.0 10.4#





#93

Benzo(a)pyrene

Concen: 1.102 ng/ul

RT: 24.709 min Scan# 30

Delta R.T. -0.053 min

Lab File: BP021064.D

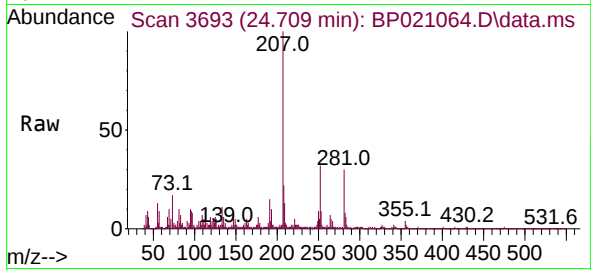
Acq: 19 Jul 2024 04:20

Instrument :

BNA_P

ClientSampleId :

A4CJ0



Tgt Ion:252 Resp: 7356

Ion Ratio Lower Upper

252 100

253 28.5 17.4 26.0

125 18.6 7.7 11.5

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