

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020664.D
 Acq On : 27 Jun 2024 16:36
 Operator : MA/JU
 Sample : P2909-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CP0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 17:20:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	190161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	749180	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	459211	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.186	188	865911	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	617753	20.000	ng/u1	0.02
88) Perylene-d12	25.027	264	798956	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	13586	3.068	ng/uL	0.00
4) Pyridine-d5	3.711	84	4542m	0.352	ng/u1	0.02
7) Phenol-d5	6.922	99	254160	16.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	184121	18.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	237994	18.671	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	93388	7.372	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	120874	21.853	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	134087	24.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	218053	19.125	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	82621	5.171	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	754101	23.618	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	842953	22.126	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	56085	11.497	ng/u1	0.00
60) Fluorene-d10	15.392	176	631012	23.486	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	85407	19.572	ng/u1	0.01
73) Anthracene-d10	17.298	188	830272	21.365	ng/u1	0.02
81) Pyrene-d10	19.675	212	772387	20.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	554322	14.263	ng/u1	0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.234	178	222630	4.910	ng/u1	99
80) Fluoranthene	19.328	202	439748	9.700	ng/u1	99
82) Pyrene	19.710	202	301776	6.491	ng/u1	99
85) Benzo(a)anthracene	21.639	228	182400	4.213	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.574	149	33919	1.265	ng/u1#	98
87) Chrysene	21.698	228	207326	5.066	ng/u1	98
90) Benzo(b)fluoranthene	23.951	252	288350	5.957	ng/u1	98
91) Benzo(k)fluoranthene	24.021	252	112324m	2.294	ng/u1	
93) Benzo(a)pyrene	24.868	252	96153	2.104	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.845	276	104465	1.783	ng/u1	96

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

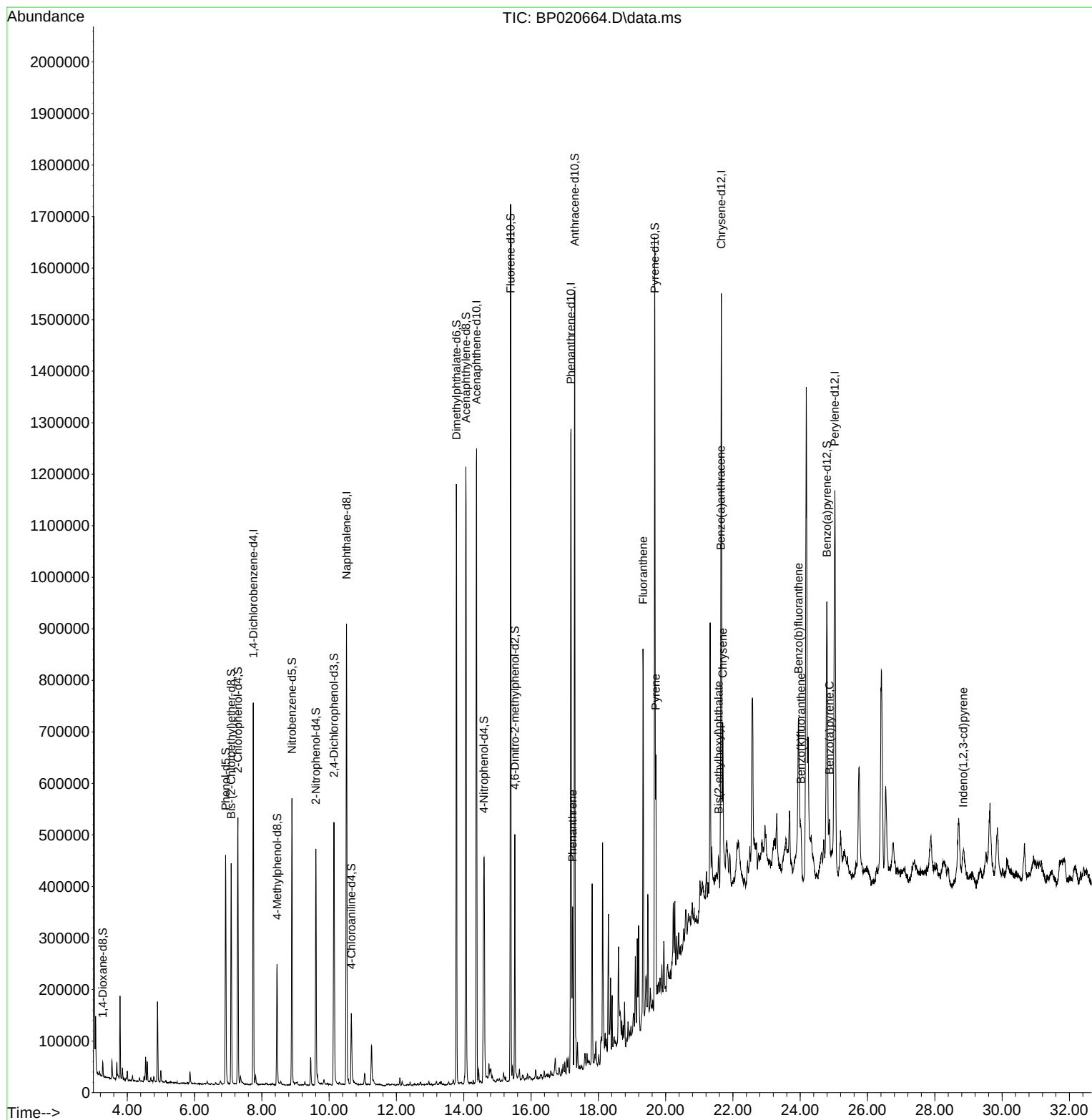
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020664.D
Acq On : 27 Jun 2024 16:36
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

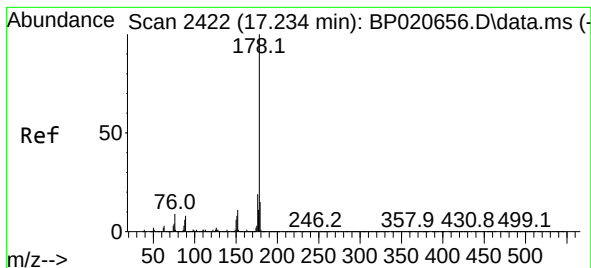
Instrument :
BNA_P
ClientSampleId :
A4CP0

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.910 ng/ul

RT: 17.234 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BP020664.D

Acq: 27 Jun 2024 16:36

Instrument :

BNA_P

ClientSampleId :

A4CP0

Tgt Ion:178 Resp: 222630

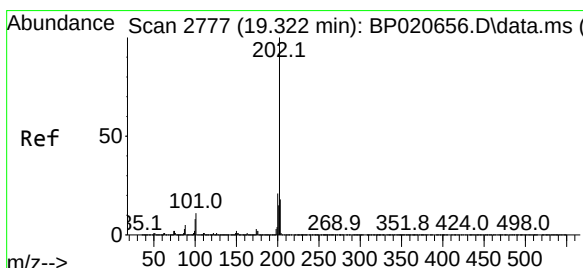
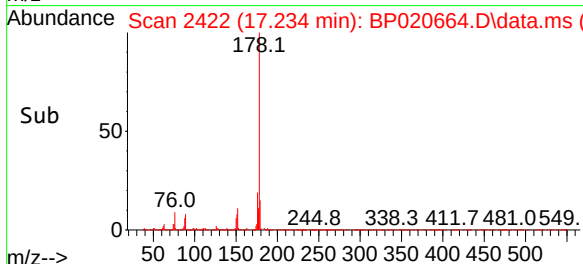
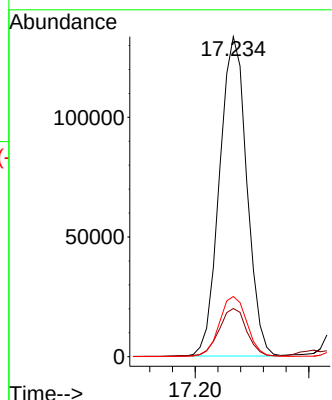
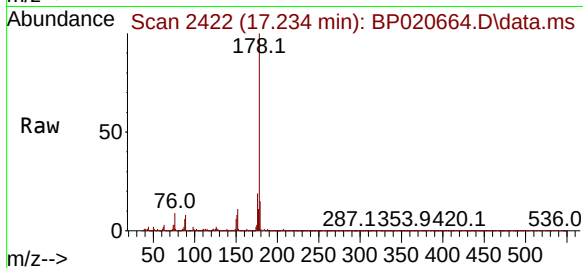
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.8	15.4	23.2

Manual Integrations

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#80

Fluoranthene

Concen: 9.700 ng/ul

RT: 19.328 min Scan# 2778

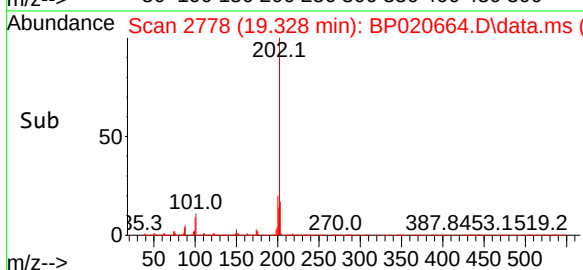
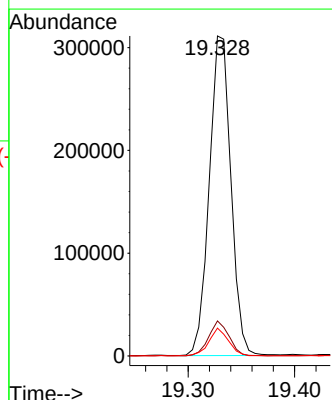
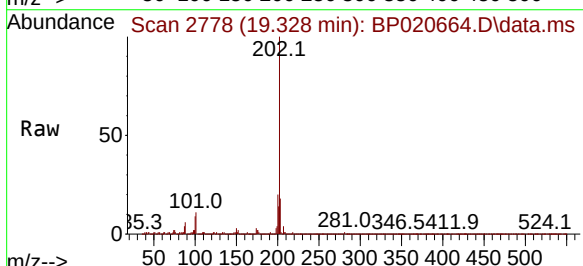
Delta R.T. 0.006 min

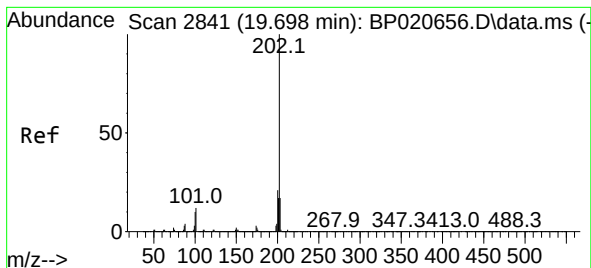
Lab File: BP020664.D

Acq: 27 Jun 2024 16:36

Tgt Ion:202 Resp: 439748

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	8.7	6.6	10.0





#82

Pyrene

Concen: 6.491 ng/ul

RT: 19.710 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020664.D

Acq: 27 Jun 2024 16:36

Instrument :

BNA_P

ClientSampleId :

A4CP0

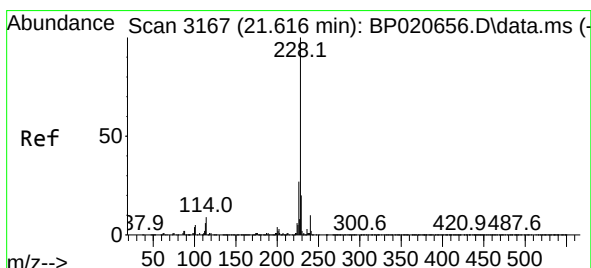
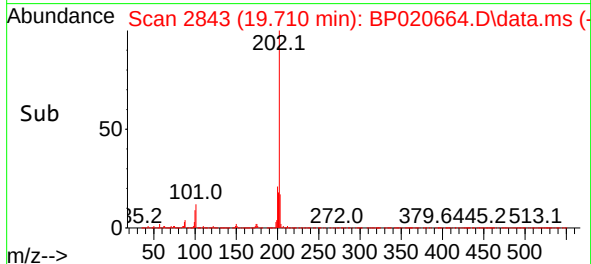
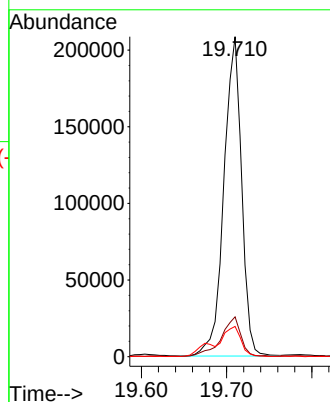
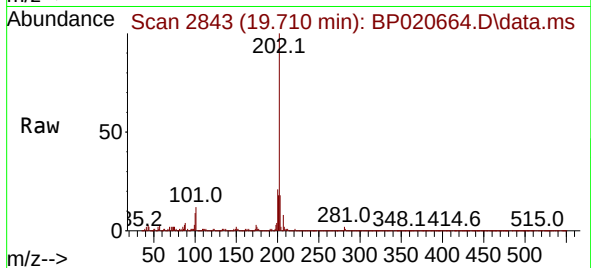
Tgt Ion:	202	Resp:	301770
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.8	14.8
100	9.5	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 4.213 ng/ul

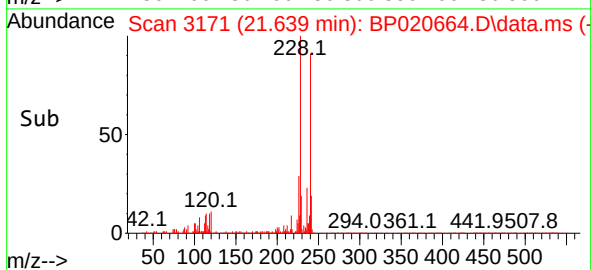
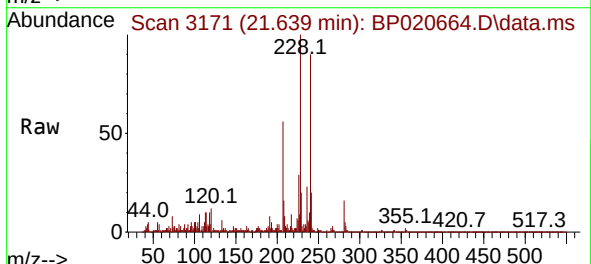
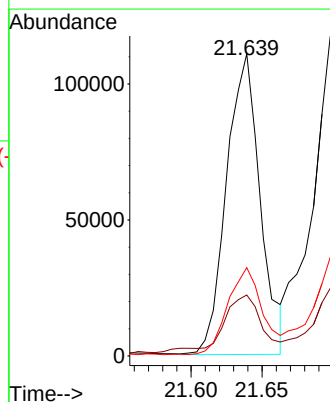
RT: 21.639 min Scan# 3171

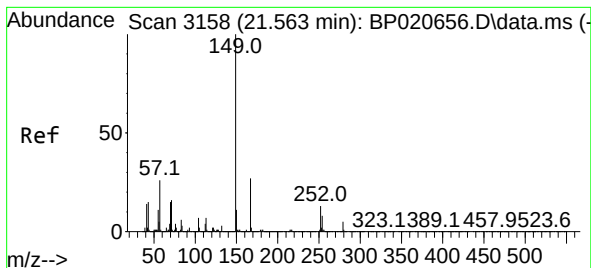
Delta R.T. 0.018 min

Lab File: BP020664.D

Acq: 27 Jun 2024 16:36

Tgt Ion:	228	Resp:	182400
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.2	22.8
226	29.2	21.1	31.7





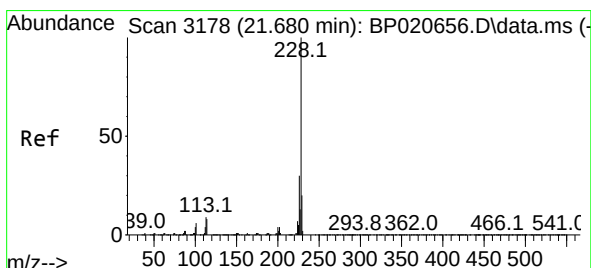
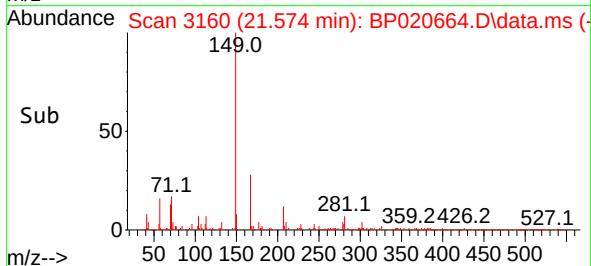
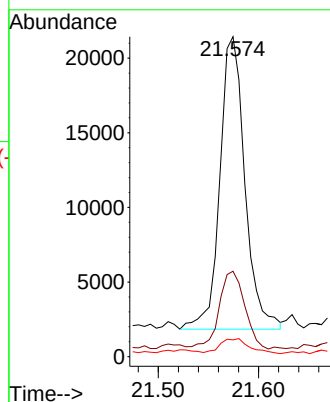
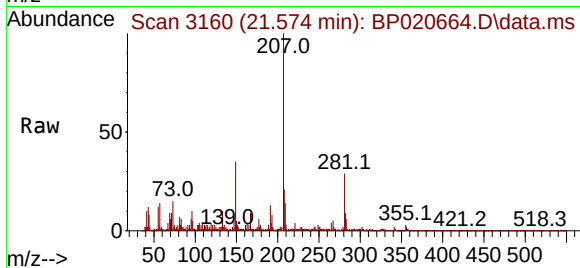
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.265 ng/ul
RT: 21.574 min Scan# 3158
Delta R.T. 0.006 min
Lab File: BP020664.D
Acq: 27 Jun 2024 16:36

Instrument :
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A4CP0

Tgt Ion:149 Resp: 33919
Ion Ratio Lower Upper
149 100
167 26.7 22.0 33.0
279 5.3 3.3 4.9

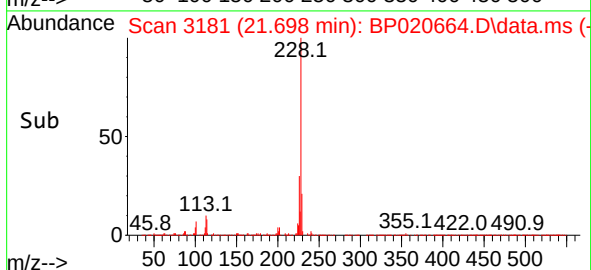
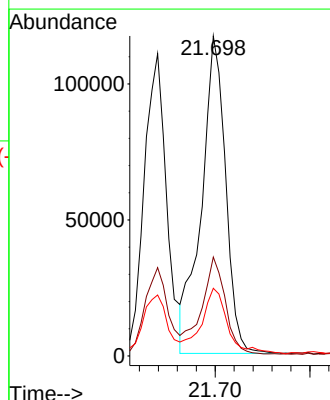
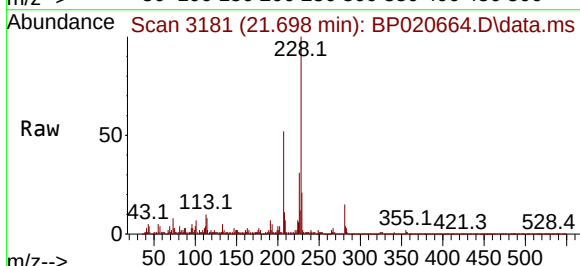
Manual Integrations
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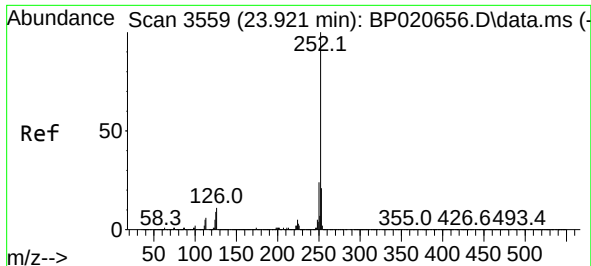
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#87
Chrysene
Concen: 5.066 ng/ul
RT: 21.698 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BP020664.D
Acq: 27 Jun 2024 16:36

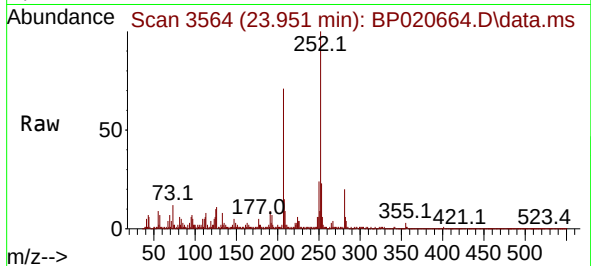
Tgt Ion:228 Resp: 207326
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 21.1 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 5.957 ng/ul
RT: 23.951 min Scan# 3564
Delta R.T. 0.012 min
Lab File: BP020664.D
Acq: 27 Jun 2024 16:36

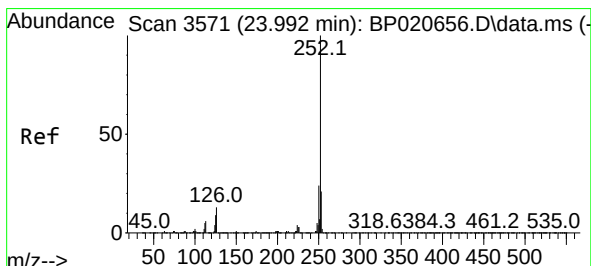
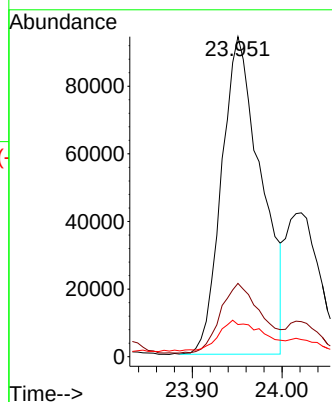
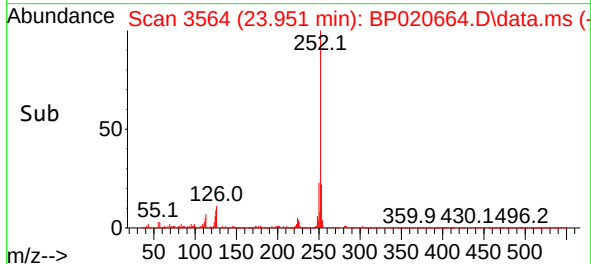
Instrument :
BNA_P
ClientSampleId :
A4CP0



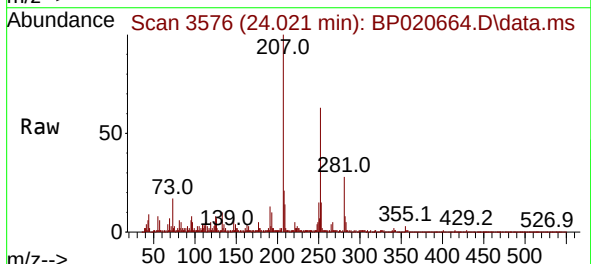
Tgt Ion:252 Resp: 288350
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.1 7.9 11.9

Manual Integrations
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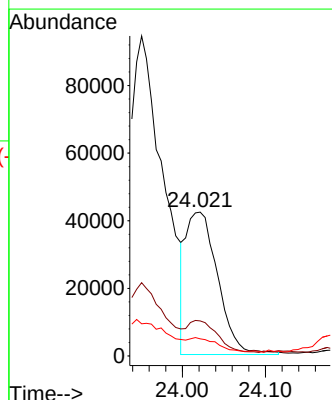
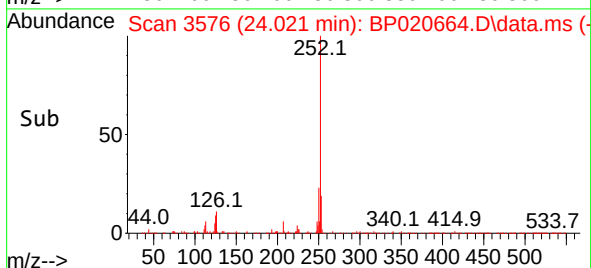
Reviewed By :Yogesh Patel 06/28/2024
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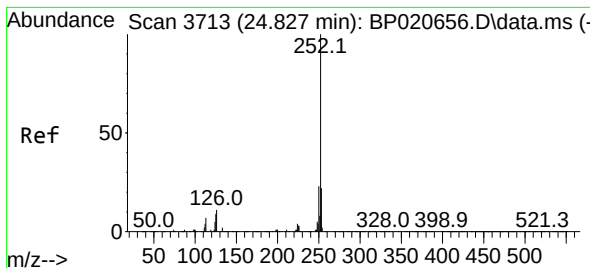


#91
Benzo(k)fluoranthene
Concen: 2.294 ng/ul m
RT: 24.021 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP020664.D
Acq: 27 Jun 2024 16:36



Tgt Ion:252 Resp: 112324
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 11.9 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 2.104 ng/ul

RT: 24.868 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP020664.D

Acq: 27 Jun 2024 16:36

Instrument :

BNA_P

ClientSampleId :

A4CP0

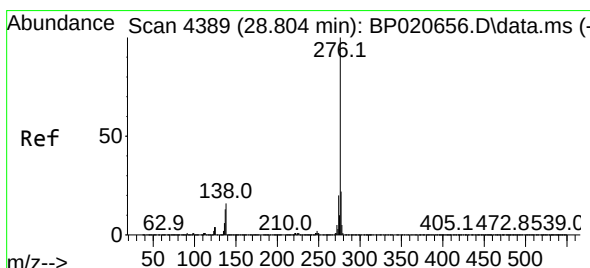
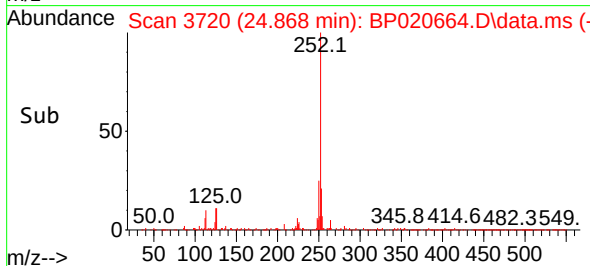
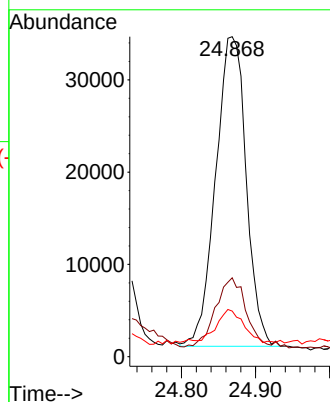
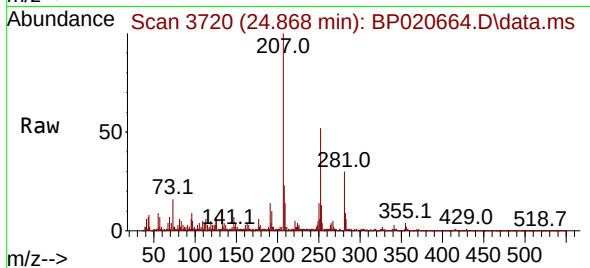
Tgt Ion:	252	Resp:	9615
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.2
125	14.2	8.7	13.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.783 ng/ul

RT: 28.845 min Scan# 4396

Delta R.T. 0.029 min

Lab File: BP020664.D

Acq: 27 Jun 2024 16:36

Tgt Ion:	276	Resp:	104465
Ion Ratio	Lower	Upper	
276	100		
138	18.5	15.2	22.8
277	27.0	19.0	28.4

