

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020779.D
 Acq On : 03 Jul 2024 21:36
 Operator : MA/JU
 Sample : P2964-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B51

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:10:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	166446	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	674420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	442783	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.169	188	925552	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	843405	20.000	ng/u1	-0.01
88) Perylene-d12	24.963	264	993822	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11258	2.904	ng/uL	0.00
4) Pyridine-d5	3.693	84	47832	4.234	ng/u1	0.01
7) Phenol-d5	6.922	99	215483	15.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	137504	15.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	190610	17.084	ng/u1	0.01
15) 4-Methylphenol-d8	8.446	113	125482	11.317	ng/u1	0.01
21) Nitrobenzene-d5	8.887	128	92519	18.581	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	105471	21.167	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	182392	17.770	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	128051	8.902	ng/u1	0.01
46) Dimethylphthalate-d6	13.769	166	589983	19.164	ng/u1	0.01
49) Acenaphthylene-d8	14.046	160	653534	17.790	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	72582	15.430	ng/u1	0.02
60) Fluorene-d10	15.375	176	513616	19.826	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	58789	12.604	ng/u1	0.01
73) Anthracene-d10	17.275	188	770891	18.558	ng/u1	0.01
81) Pyrene-d10	19.651	212	801080	15.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	601136	12.435	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.216	178	210434	4.342	ng/u1	99
80) Fluoranthene	19.304	202	491483	7.941	ng/u1	99
82) Pyrene	19.675	202	326251	5.140	ng/u1	100
85) Benzo(a)anthracene	21.592	228	221138	3.741	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	70846	1.936	ng/u1#	96
87) Chrysene	21.657	228	229404	4.105	ng/u1	98
90) Benzo(b)fluoranthene	23.904	252	301577	5.009	ng/u1#	95
91) Benzo(k)fluoranthene	23.963	252	110880	1.821	ng/u1#	94
93) Benzo(a)pyrene	24.804	252	109067	1.919	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.774	276	110889m	1.521	ng/u1	

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

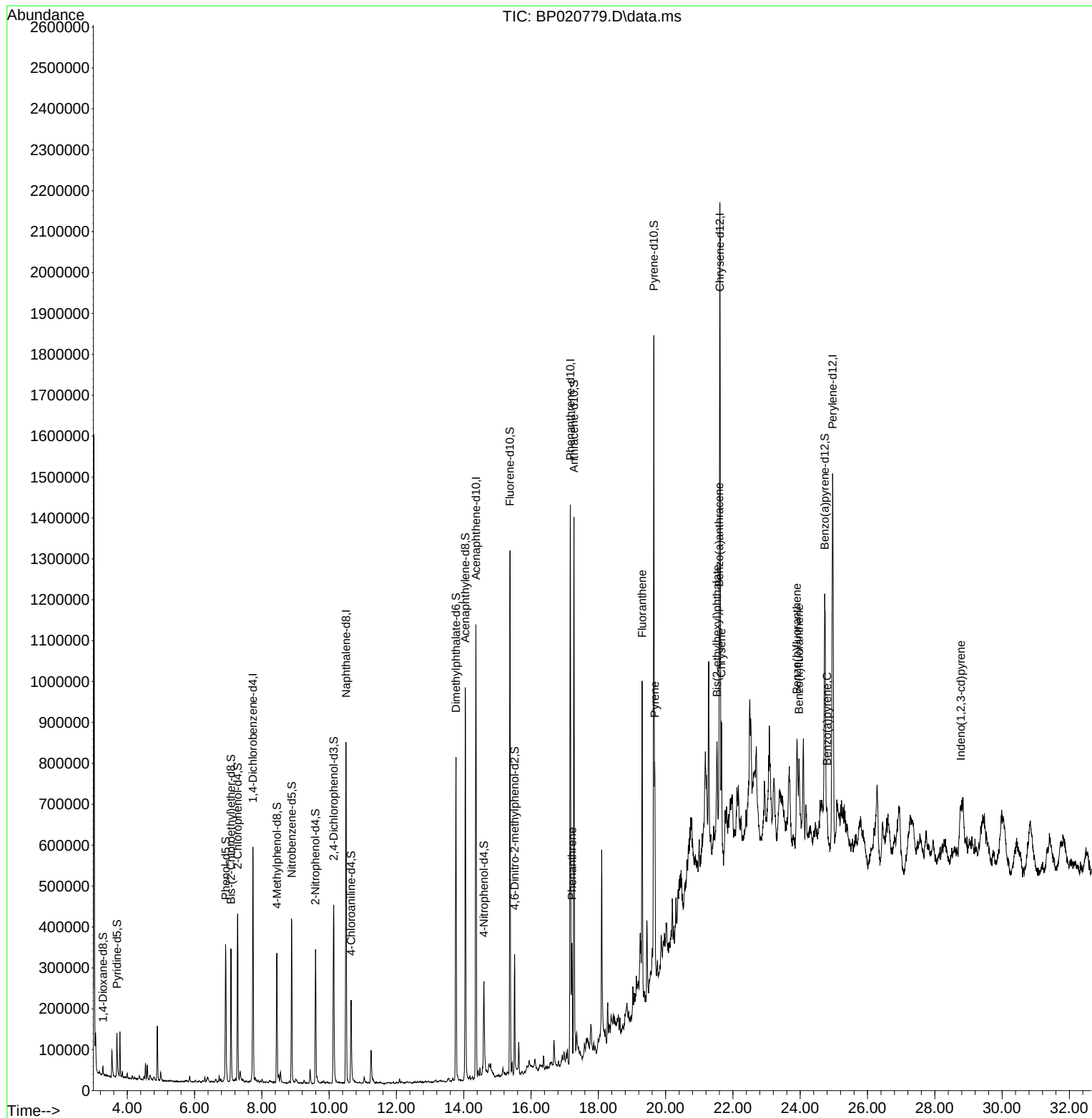
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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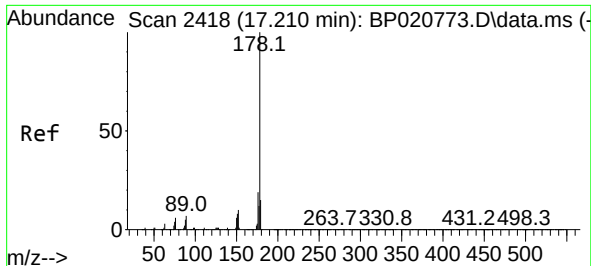
Instrument :
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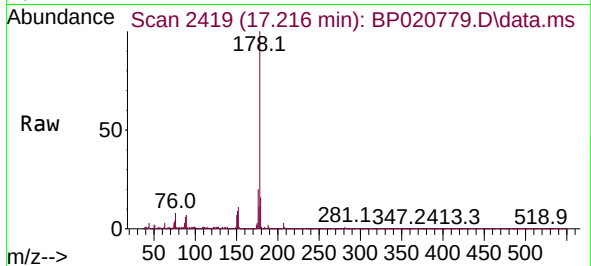
Quant Time: Jul 03 23:10:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.342 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP020779.D
Acq: 03 Jul 2024 21:36

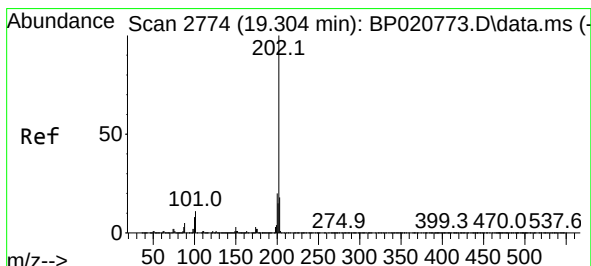
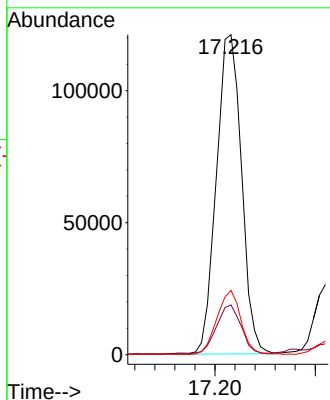
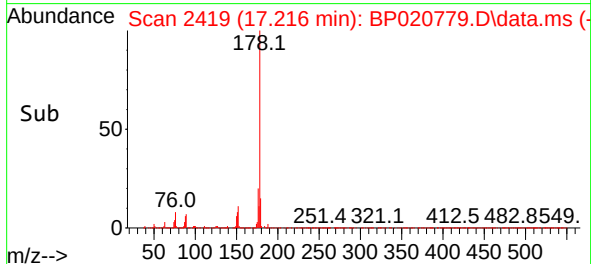
Instrument :
BNA_P
ClientSampleId :
A4B51



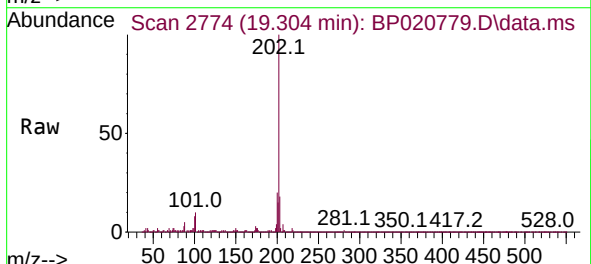
Tgt Ion:178 Resp: 210434
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 20.1 15.4 23.2

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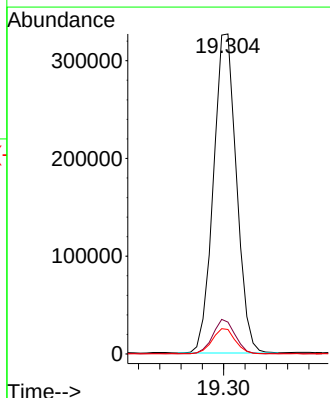
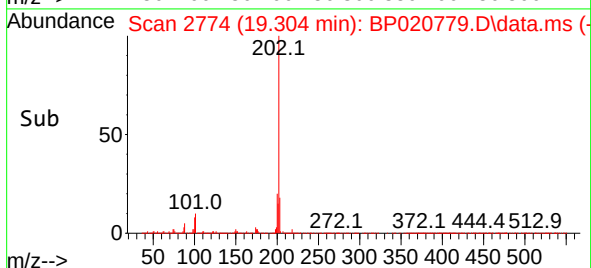
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

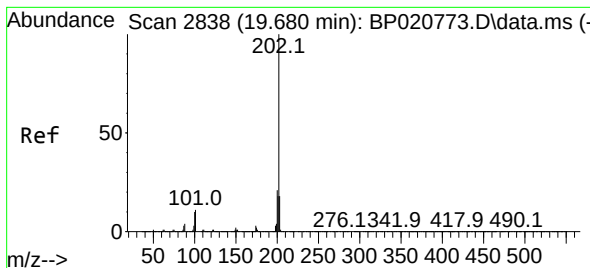


#80
Fluoranthene
Concen: 7.941 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BP020779.D
Acq: 03 Jul 2024 21:36



Tgt Ion:202 Resp: 491483
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.4
100 7.6 6.6 10.0





#82

Pyrene

Concen: 5.140 ng/ul

RT: 19.675 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020779.D

Acq: 03 Jul 2024 21:36

Instrument :

BNA_P

ClientSampleId :

A4B51

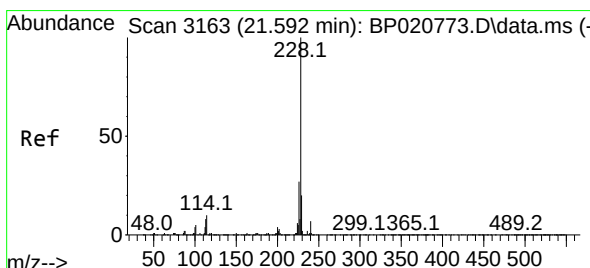
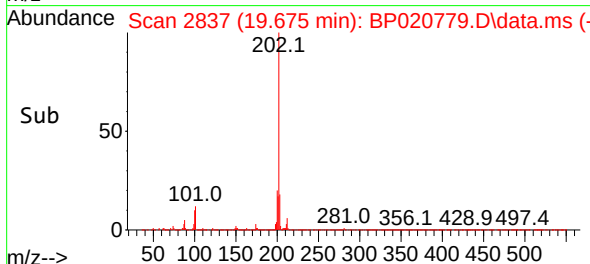
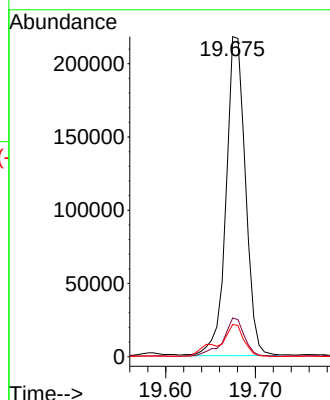
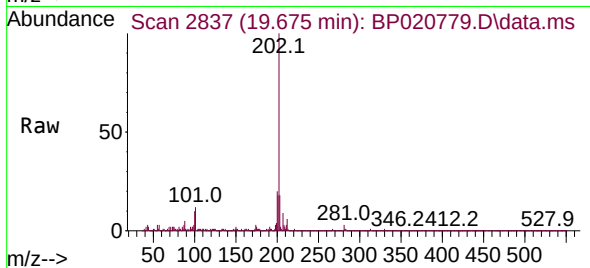
Tgt Ion:	202	Resp:	32625
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.8	14.8
100	10.0	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 3.741 ng/ul

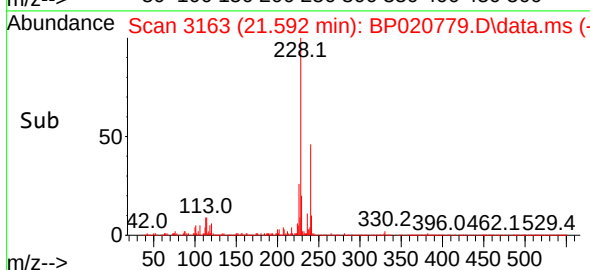
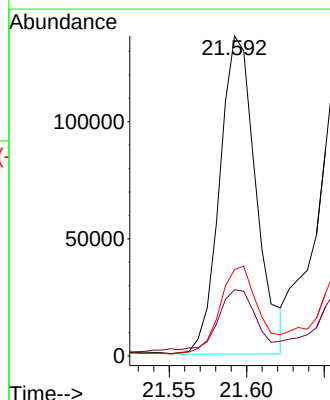
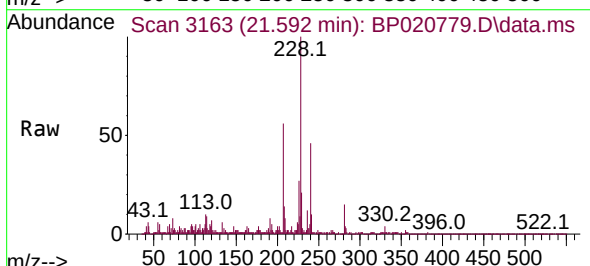
RT: 21.592 min Scan# 3163

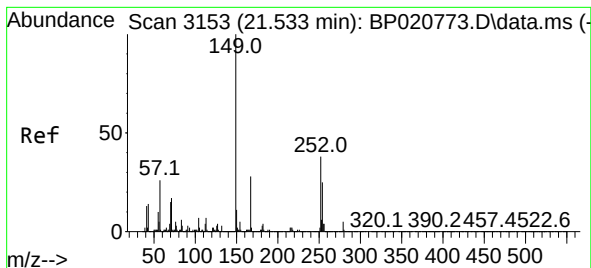
Delta R.T. -0.006 min

Lab File: BP020779.D

Acq: 03 Jul 2024 21:36

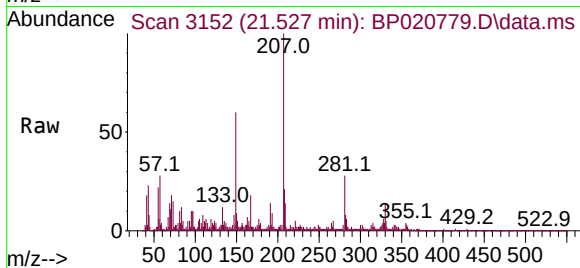
Tgt Ion:	228	Resp:	221138
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.2	22.8
226	27.0	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.936 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020779.D
Acq: 03 Jul 2024 21:36

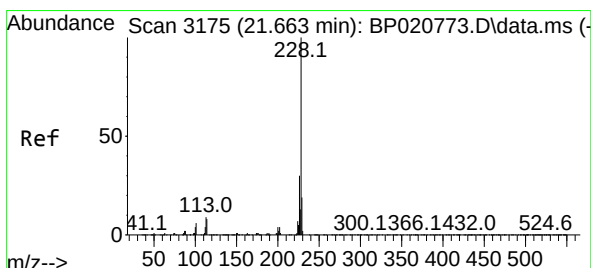
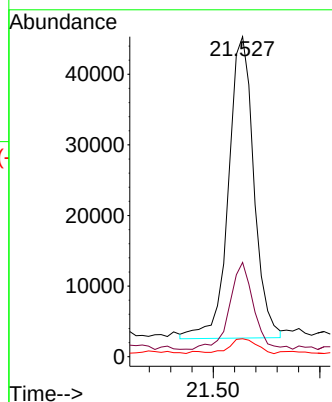
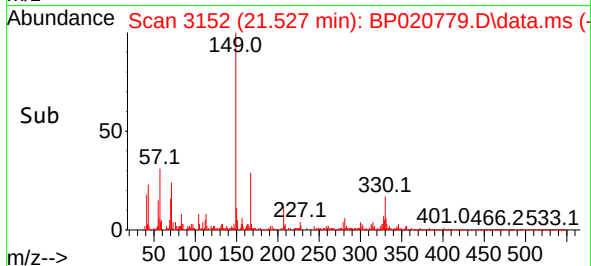
Instrument :
BNA_P
ClientSampleId :
A4B51



Tgt Ion:149 Resp: 70840
Ion Ratio Lower Upper
149 100
167 29.5 22.0 33.0
279 5.6 3.3 4.9

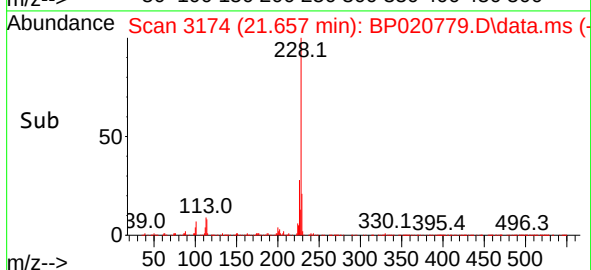
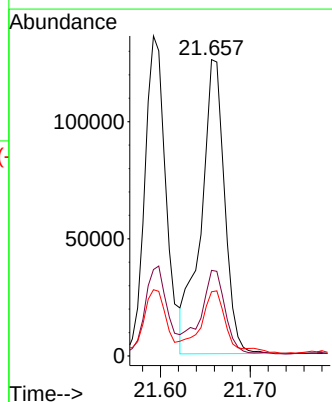
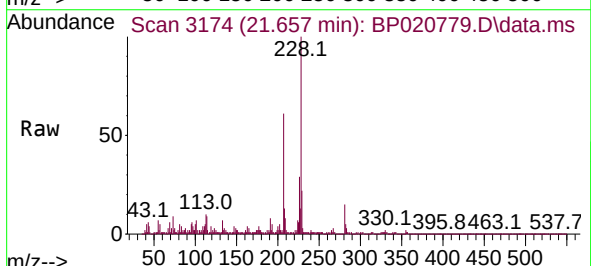
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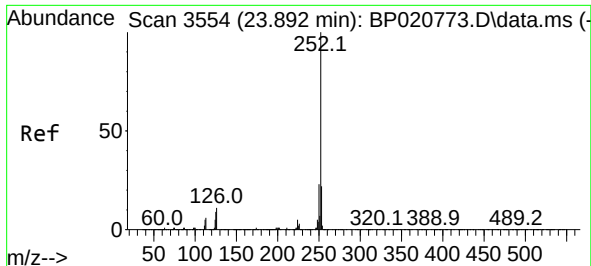
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#87
Chrysene
Concen: 4.105 ng/ul
RT: 21.657 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP020779.D
Acq: 03 Jul 2024 21:36

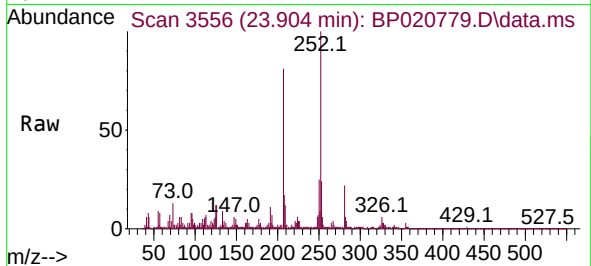
Tgt Ion:228 Resp: 229404
Ion Ratio Lower Upper
228 100
226 28.9 23.8 35.6
229 21.6 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 5.009 ng/u1
RT: 23.904 min Scan# 3554
Delta R.T. 0.000 min
Lab File: BP020779.D
Acq: 03 Jul 2024 21:36

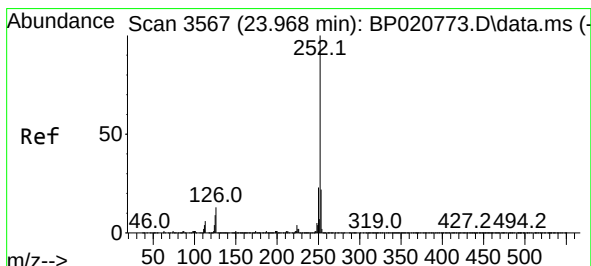
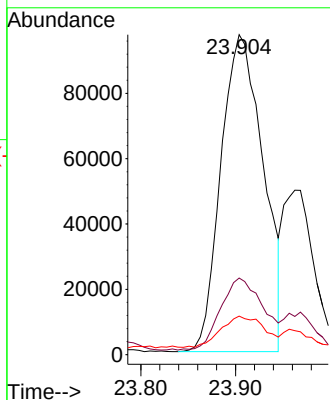
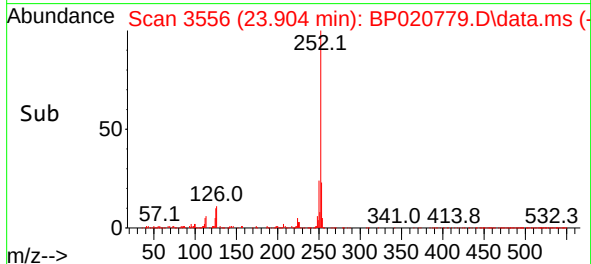
Instrument :
BNA_P
ClientSampleId :
A4B51



Tgt Ion:252 Resp: 30157
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.1 7.9 11.9

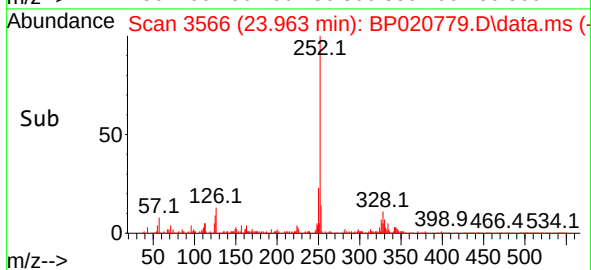
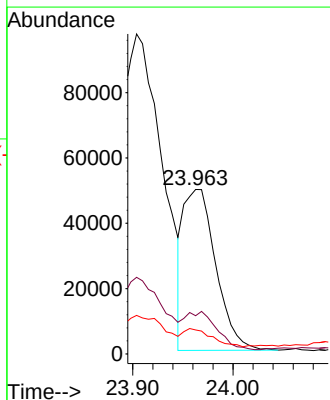
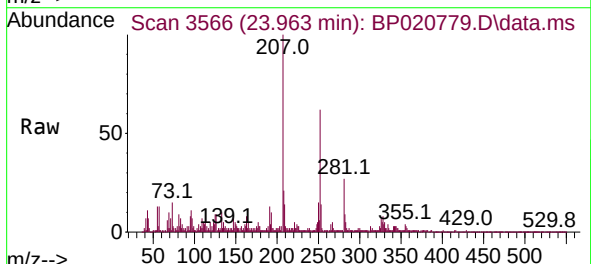
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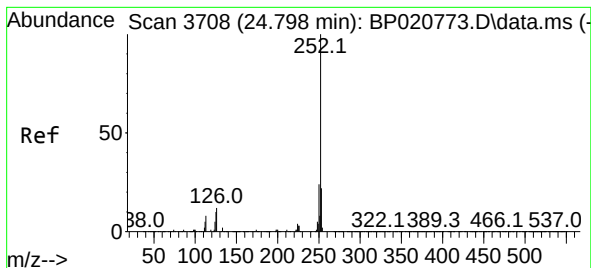
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#91
Benzo(k)fluoranthene
Concen: 1.821 ng/u1
RT: 23.963 min Scan# 3566
Delta R.T. -0.012 min
Lab File: BP020779.D
Acq: 03 Jul 2024 21:36

Tgt Ion:252 Resp: 110880
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 14.6 7.9 11.9





#93

Benzo(a)pyrene

Concen: 1.919 ng/ul

RT: 24.804 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020779.D

Acq: 03 Jul 2024 21:36

Instrument :

BNA_P

ClientSampleId :

A4B51

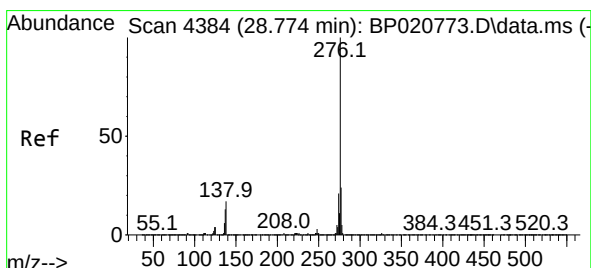
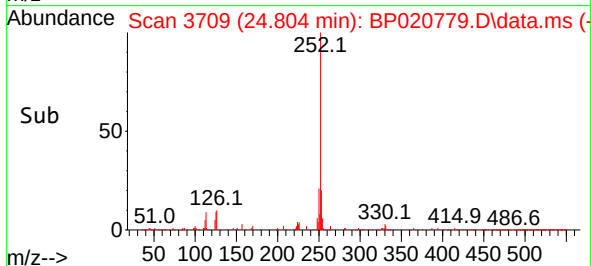
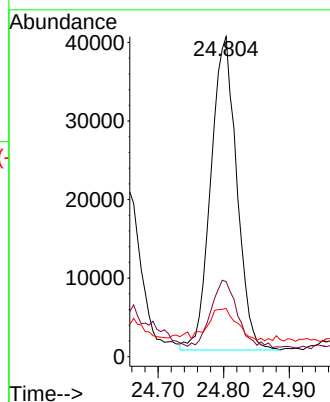
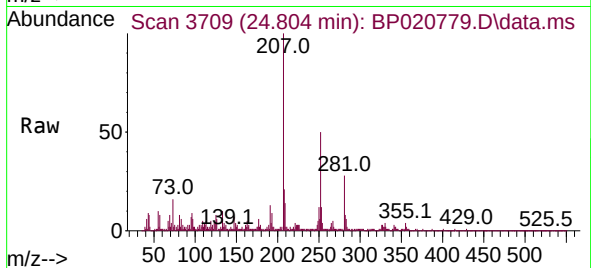
Tgt Ion:	252	Resp:	10906
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	15.1	8.7	13.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.521 ng/ul m

RT: 28.774 min Scan# 4384

Delta R.T. 0.012 min

Lab File: BP020779.D

Acq: 03 Jul 2024 21:36

Tgt Ion:	276	Resp:	110889
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.2	22.8
277	23.9	19.0	28.4

