

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020729.D
 Acq On : 01 Jul 2024 22:41
 Operator : MA/JU
 Sample : P2897-08DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0SL3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 01:48:38 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	7.740	152	226640	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	934955	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	599030	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	1143064	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	882698	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	1067931	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	3177	0.602	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.928	99	51410	2.766	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	34008	2.886	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.287	132	44757	2.946	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	26012	1.723	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	21004	3.043	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	21868	3.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	39908	2.805	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	42076	2.110	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	148258	3.560	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	161808	3.256	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	9748m	1.532	ng/u1	0.01
60) Fluorene-d10	15.381	176	125053	3.568	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.286	188	178828	3.486	ng/u1	0.00
81) Pyrene-d10	19.669	212	157855	2.977	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	115600	2.225	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.557	128	1915136	38.270	ng/u1	100
36) 2-Methylnaphthalene	12.175	142	767846	22.906	ng/u1	99
37) 1-Methylnaphthalene	12.387	142	443697	12.948	ng/u1	98
43) 1,1'-Biphenyl	13.187	154	105384	2.352	ng/u1	98
50) Acenaphthylene	14.087	152	355904	6.340	ng/u1	99
61) Fluorene	15.440	166	251562	6.239	ng/u1	98
72) Phenanthrene	17.228	178	1264287	21.122	ng/u1	99
74) Anthracene	17.322	178	302165	4.908	ng/u1	100
80) Fluoranthene	19.322	202	456185	7.043	ng/u1	98
82) Pyrene	19.698	202	540399	8.135	ng/u1	99
85) Benzo(a)anthracene	21.616	228	235824	3.812	ng/u1	94
87) Chrysene	21.686	228	189645	3.243	ng/u1	98
90) Benzo(b)fluoranthene	23.933	252	145509	2.249	ng/u1#	94
93) Benzo(a)pyrene	24.839	252	90073	1.475	ng/u1	96

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

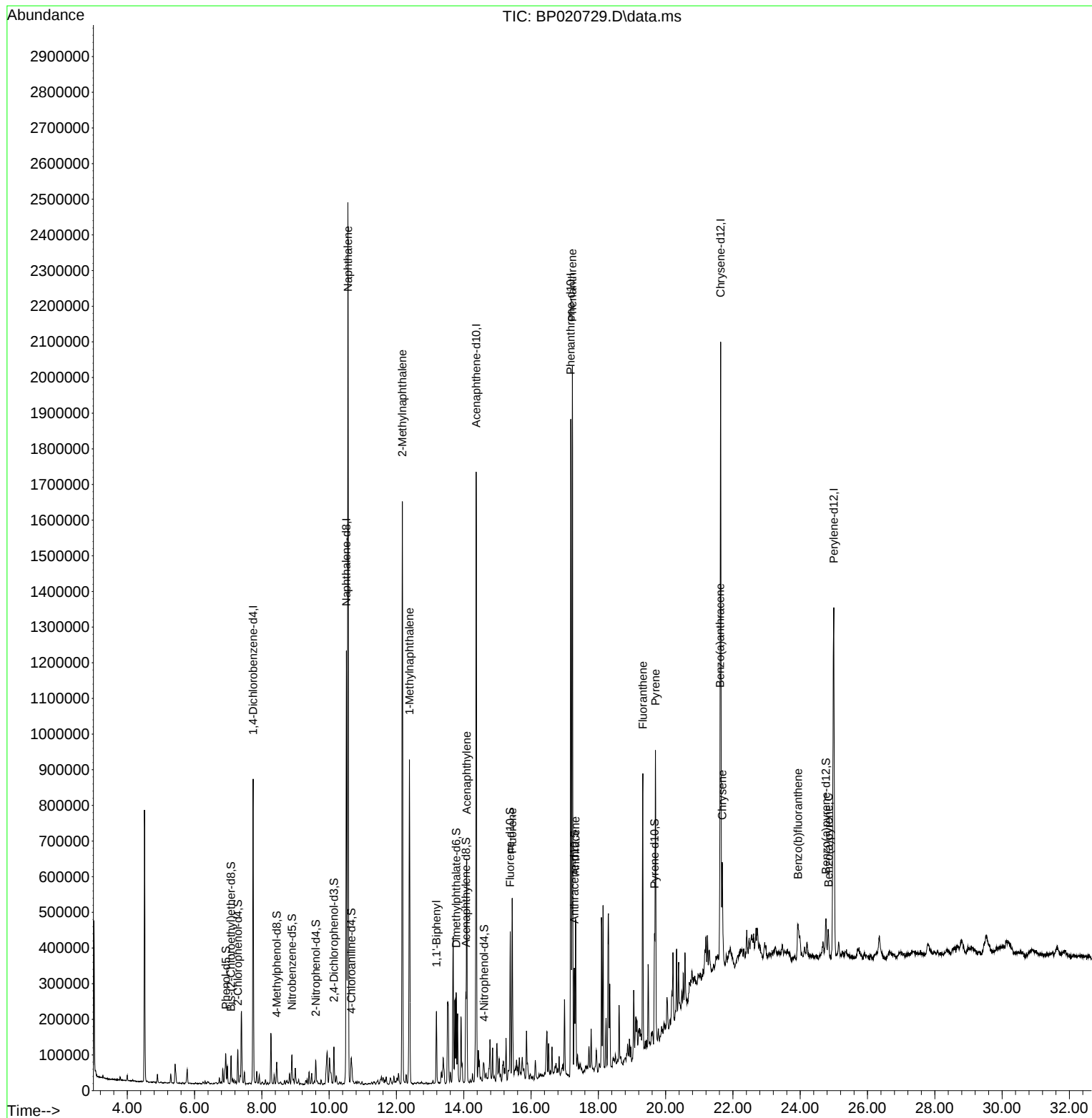
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020729.D
Acq On : 01 Jul 2024 22:41
Operator : MA/JU
Sample : P2897-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

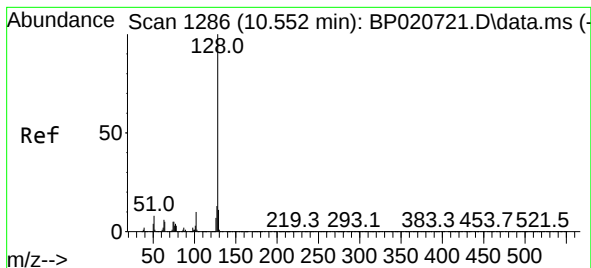
Instrument :
BNA_P
ClientSampleId :
C0SL3DL

Quant Time: Jul 02 01:48:38 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

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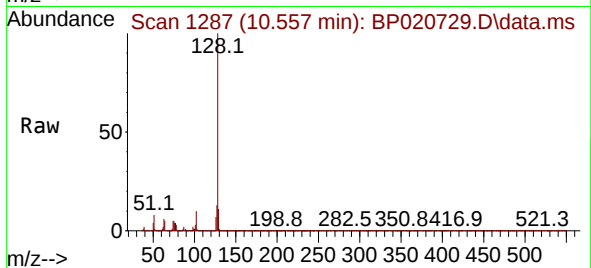
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#30
Naphthalene
Concen: 38.270 ng/ul
RT: 10.557 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41

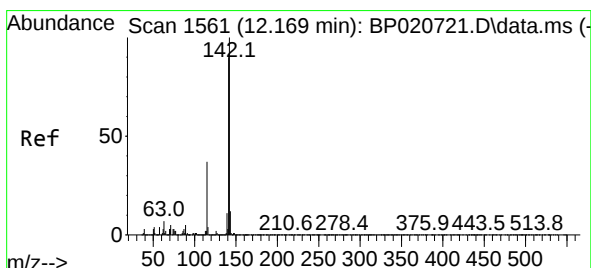
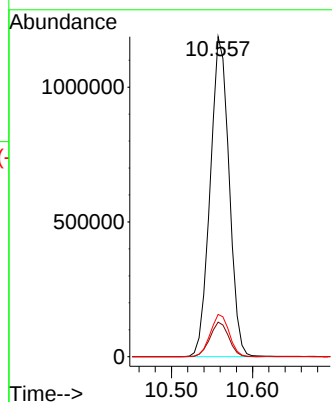
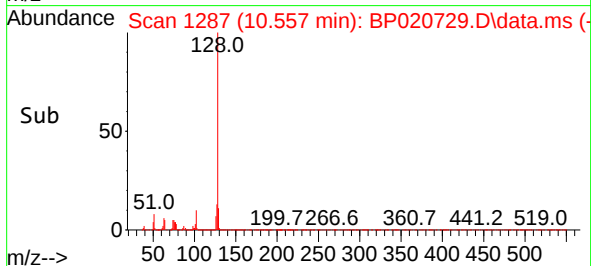
Instrument :
BNA_P
ClientSampleId :
C0SL3DL



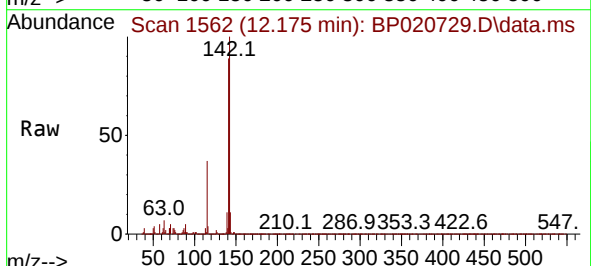
Tgt Ion:128 Resp: 1915136
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.6 15.8

Manual Integrations
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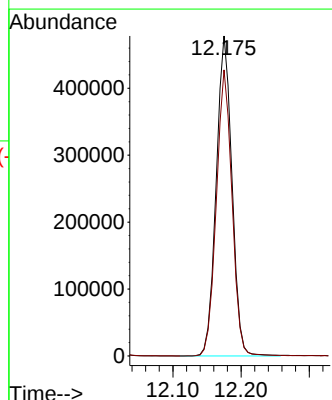
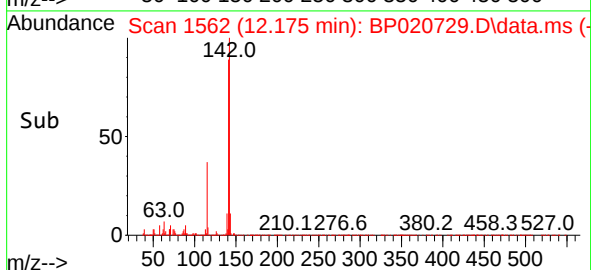
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

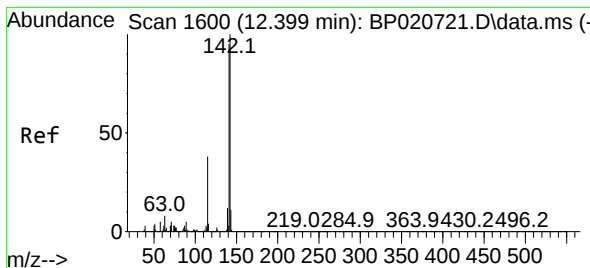


#36
2-Methylnaphthalene
Concen: 22.906 ng/ul
RT: 12.175 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41



Tgt Ion:142 Resp: 767846
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7





#37

1-Methylnaphthalene

Concen: 12.948 ng/ul

RT: 12.387 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP020729.D

Acq: 01 Jul 2024 22:41

Instrument :

BNA_P

ClientSampleId :

C0SL3DL

Tgt Ion:142 Resp: 44369

Ion Ratio Lower Upper

142 100

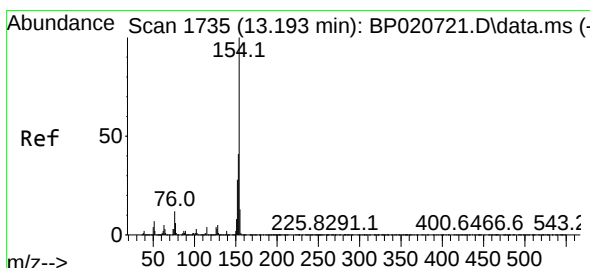
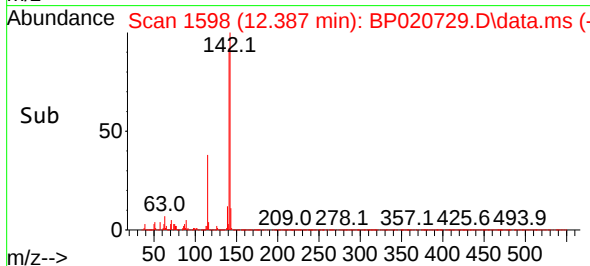
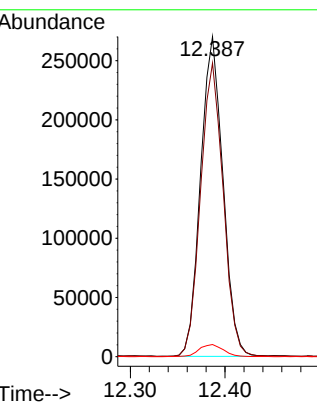
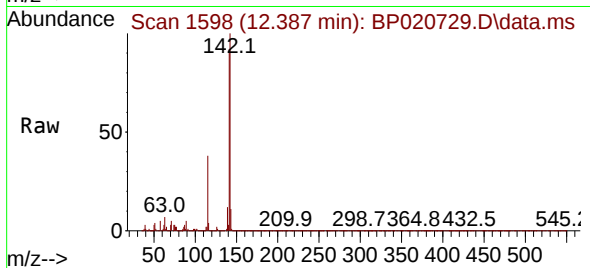
141 91.8 74.9 112.3

116 3.8 3.3 4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 2.352 ng/ul

RT: 13.187 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP020729.D

Acq: 01 Jul 2024 22:41

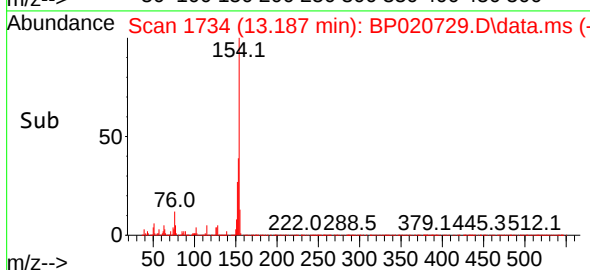
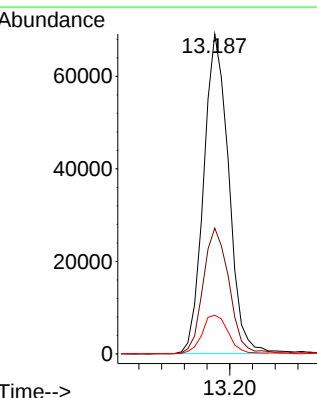
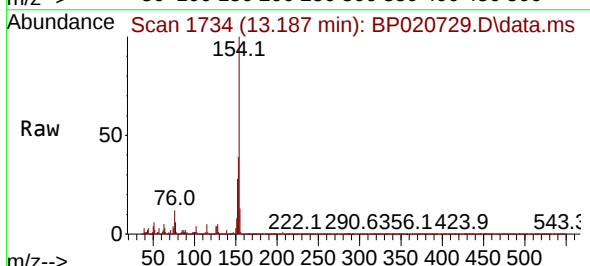
Tgt Ion:154 Resp: 105384

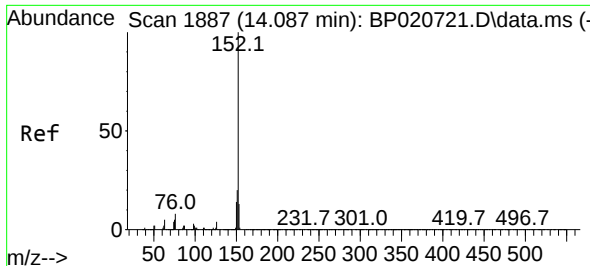
Ion Ratio Lower Upper

154 100

153 39.4 32.6 48.8

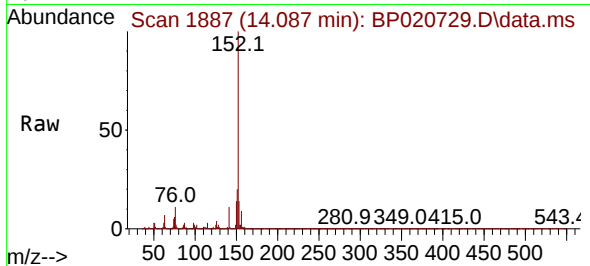
76 12.1 10.8 16.2





#50
Acenaphthylene
Concen: 6.340 ng/ul
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41

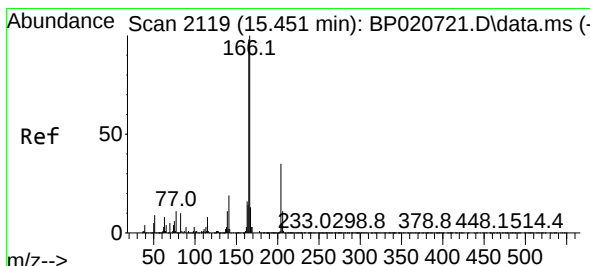
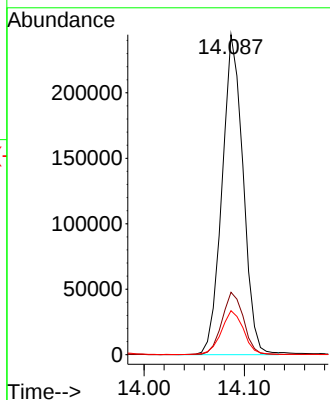
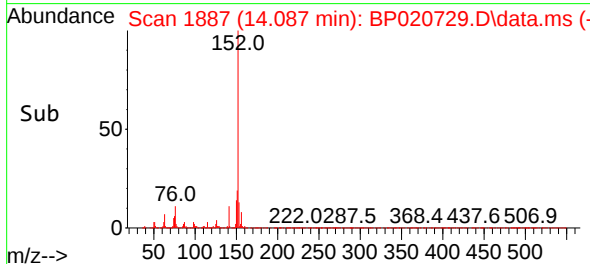
Instrument :
BNA_P
ClientSampleId :
C0SL3DL



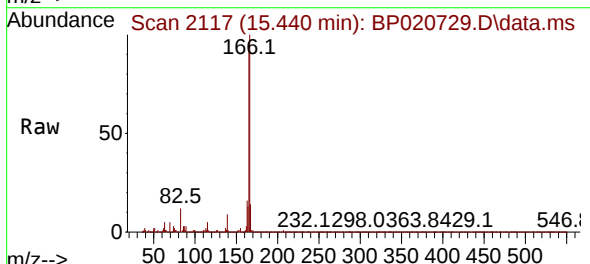
Tgt Ion:152 Resp: 355904
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.7 10.8 16.2

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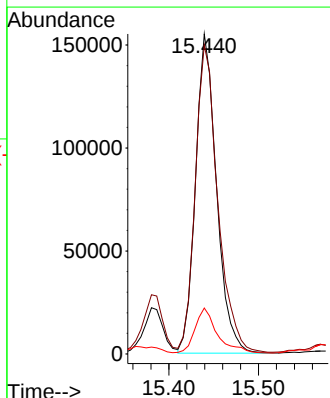
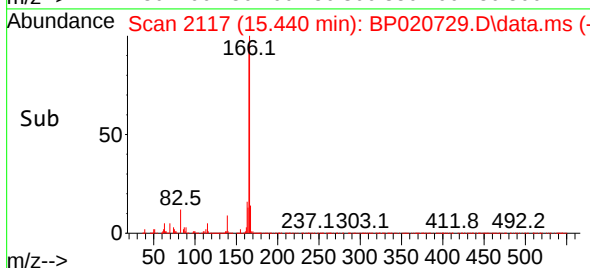
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

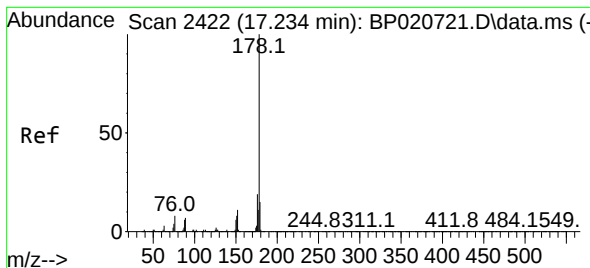


#61
Fluorene
Concen: 6.239 ng/ul
RT: 15.440 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41



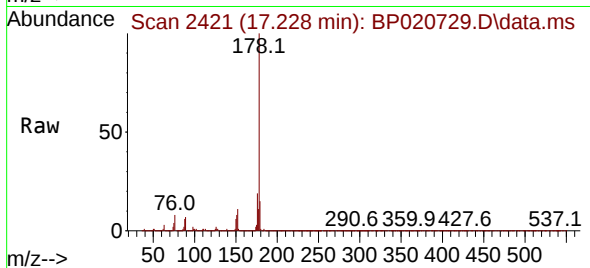
Tgt Ion:166 Resp: 251562
Ion Ratio Lower Upper
166 100
165 96.5 78.8 118.2
167 14.3 11.2 16.8





#72
Phenanthrene
Concen: 21.122 ng/ul
RT: 17.228 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41

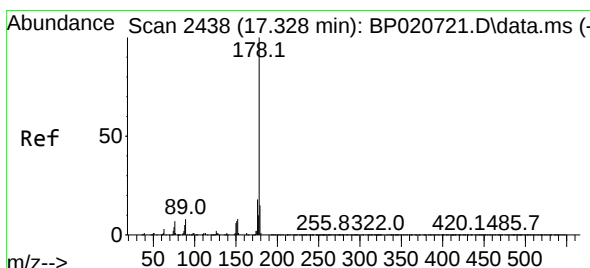
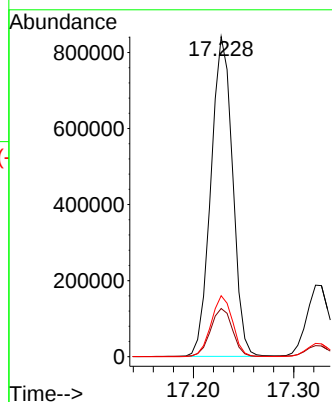
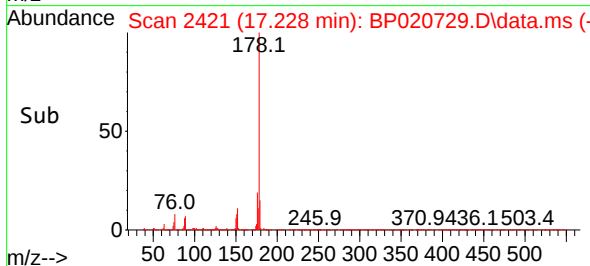
Instrument :
BNA_P
ClientSampleId :
C0SL3DL



Tgt Ion:178 Resp: 126428
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.1 15.4 23.2

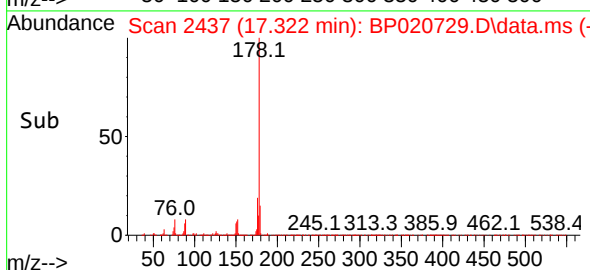
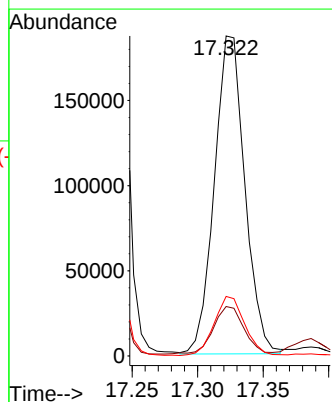
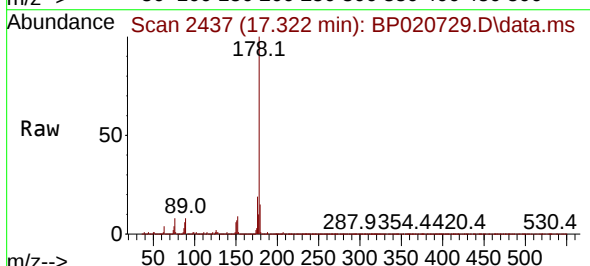
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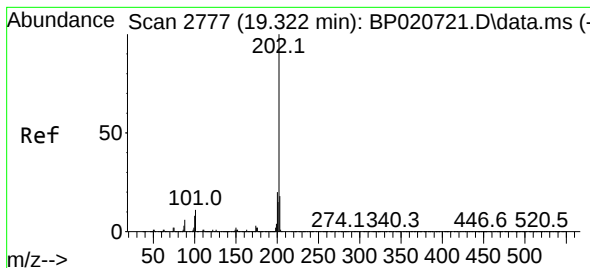
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#74
Anthracene
Concen: 4.908 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41

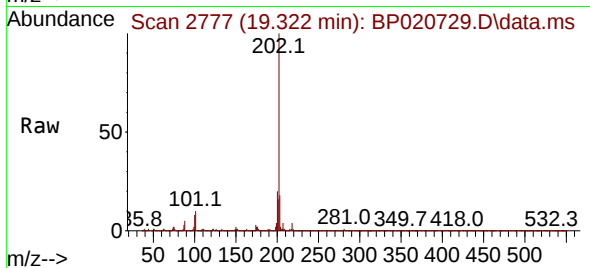
Tgt Ion:178 Resp: 302165
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.6 15.0 22.4





#80
Fluoranthene
Concen: 7.043 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41

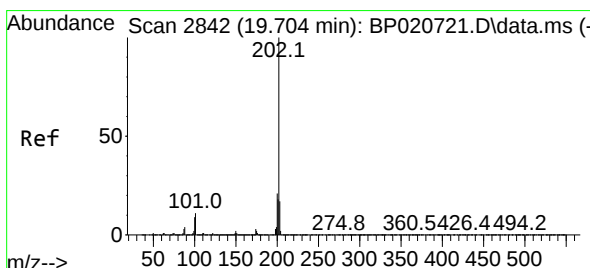
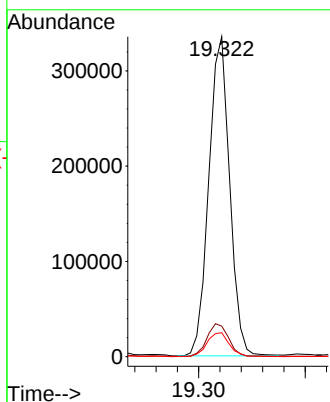
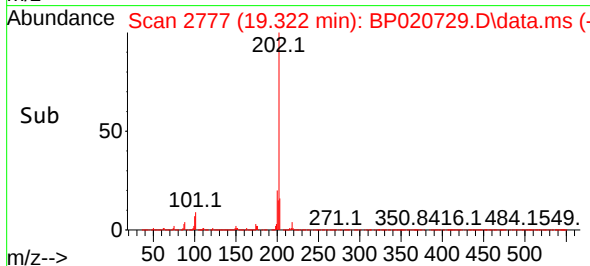
Instrument :
BNA_P
ClientSampleId :
C0SL3DL



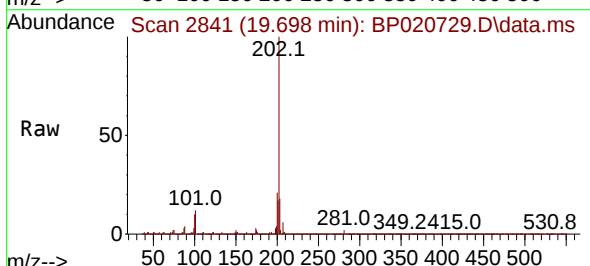
Tgt Ion:202 Resp: 456185
Ion Ratio Lower Upper
202 100
101 9.5 8.2 12.4
100 7.5 6.6 10.0

Manual Integrations
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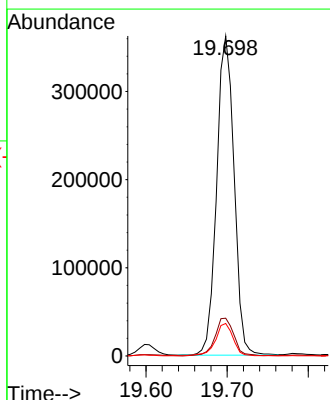
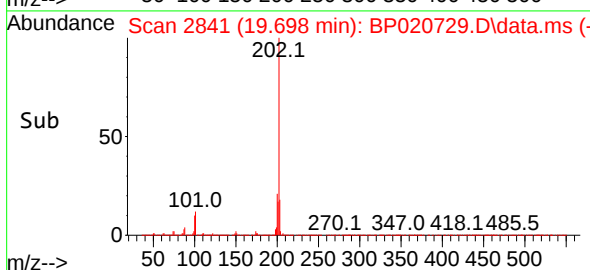
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

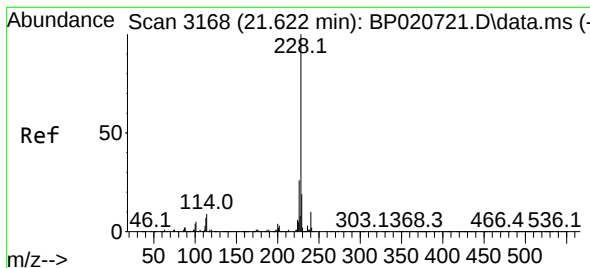


#82
Pyrene
Concen: 8.135 ng/u1
RT: 19.698 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41



Tgt Ion:202 Resp: 540399
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 10.2 7.9 11.9





#85

Benzo(a)anthracene

Concen: 3.812 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP020729.D

Acq: 01 Jul 2024 22:41

Instrument :

BNA_P

ClientSampleId :

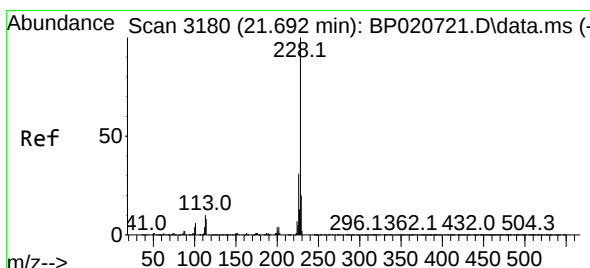
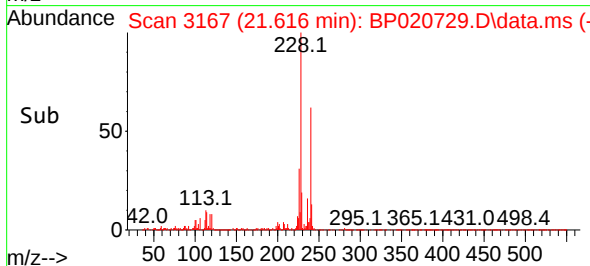
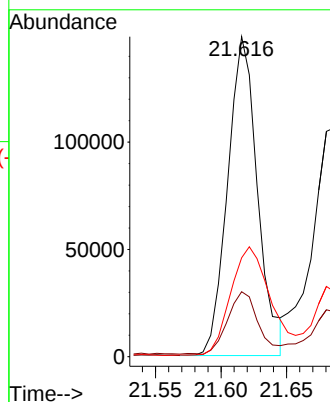
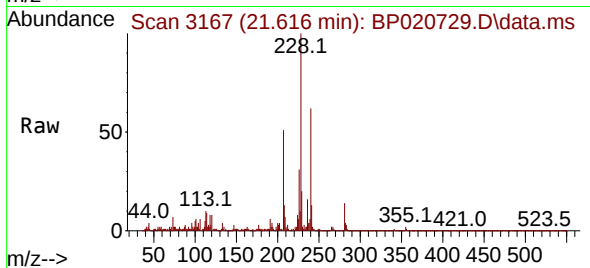
C0SL3DL

Tgt Ion:	228	Resp:	235824
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.2	22.8
226	30.9	21.1	31.7

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/04/2024



#87

Chrysene

Concen: 3.243 ng/ul

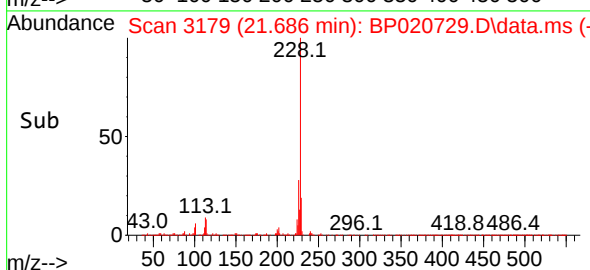
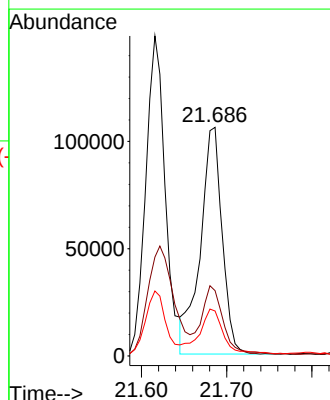
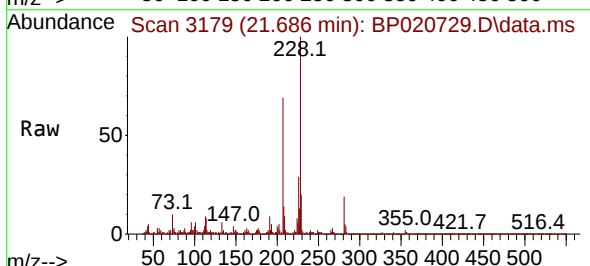
RT: 21.686 min Scan# 3179

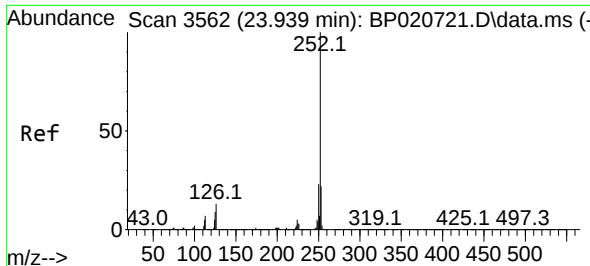
Delta R.T. -0.006 min

Lab File: BP020729.D

Acq: 01 Jul 2024 22:41

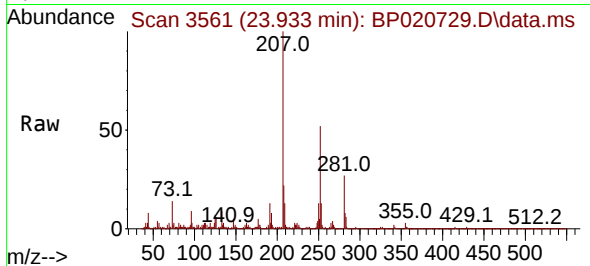
Tgt Ion:	228	Resp:	189645
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.8	35.6
229	19.7	16.1	24.1





#90
Benzo(b)fluoranthene
Concen: 2.249 ng/ul
RT: 23.933 min Scan# 3562
Delta R.T. -0.006 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41

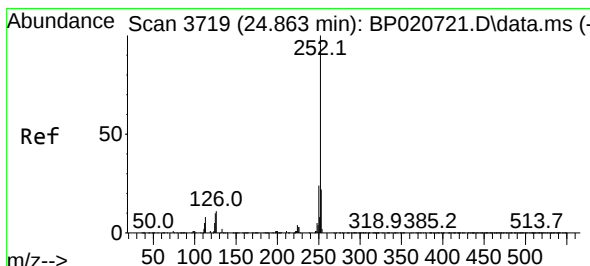
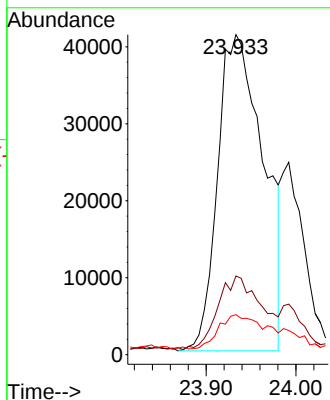
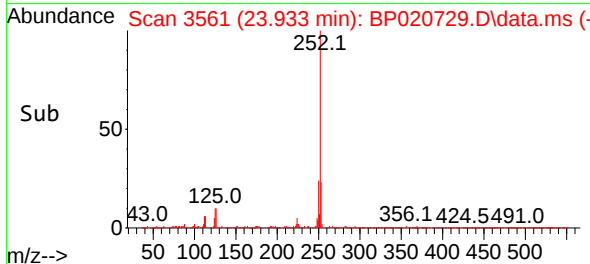
Instrument :
BNA_P
ClientSampleId :
C0SL3DL



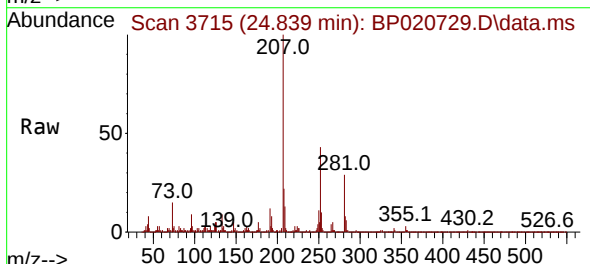
Tgt Ion:252 Resp: 145509
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 12.5 7.9 11.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93
Benzo(a)pyrene
Concen: 1.475 ng/ul
RT: 24.839 min Scan# 3715
Delta R.T. -0.006 min
Lab File: BP020729.D
Acq: 01 Jul 2024 22:41



Tgt Ion:252 Resp: 90073
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 11.6 8.7 13.1

