

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020705.D
 Acq On : 29 Jun 2024 00:08
 Operator : MA/JU
 Sample : P2897-08
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COSL3

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 00:41:46 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	201643	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	817759	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	490989	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	873377	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	695967	20.000	ng/u1	0.01
88) Perylene-d12	25.015	264	893559	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22146	4.716	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.928	99	448493	27.118	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	295813	28.214	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	388300	28.728	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	255565	19.026	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	199741	33.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	224848	37.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	365771	29.390	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	384668	22.055	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1149067	33.659	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1281383	31.457	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	133435	25.582	ng/u1	0.00
60) Fluorene-d10	15.381	176	928980	32.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	106741	24.252	ng/u1	0.02
73) Anthracene-d10	17.286	188	1309717	33.413	ng/u1	0.00
81) Pyrene-d10	19.674	212	1161865	27.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	945000	21.741	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.575	128	13084028	298.928	ng/u1	98
36) 2-Methylnaphthalene	12.181	142	5614365	191.486	ng/u1	99
37) 1-Methylnaphthalene	12.398	142	3257156	108.670	ng/u1	99
43) 1,1'-Biphenyl	13.193	154	837783	22.816	ng/u1	99
50) Acenaphthylene	14.098	152	2723663	59.193	ng/u1	98
52) Acenaphthene	14.439	153	292609	9.586	ng/u1	99
56) Dibenzofuran	14.781	168	279771	6.802	ng/u1	92
61) Fluorene	15.445	166	1880720	56.911	ng/u1	100
72) Phenanthrene	17.233	178	8173212	178.709	ng/u1	98
74) Anthracene	17.322	178	2229418	47.390	ng/u1	99
80) Fluoranthene	19.327	202	3214434	62.939	ng/u1	98
82) Pyrene	19.710	202	3795214	72.458	ng/u1	96
85) Benzo(a)anthracene	21.633	228	1720057m	35.260	ng/u1	
87) Chrysene	21.698	228	1479889	32.095	ng/u1	99
90) Benzo(b)fluoranthene	23.945	252	1117613	20.646	ng/u1	99
91) Benzo(k)fluoranthene	24.010	252	393275m	7.182	ng/u1	
93) Benzo(a)pyrene	24.851	252	757365	14.821	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.827	276	401258m	6.122	ng/u1	
95) Dibenzo(a,h)anthracene	28.898	278	164037m	3.045	ng/u1	
96) Benzo(g,h,i)perylene	29.997	276	57914m	1.082	ng/u1	

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

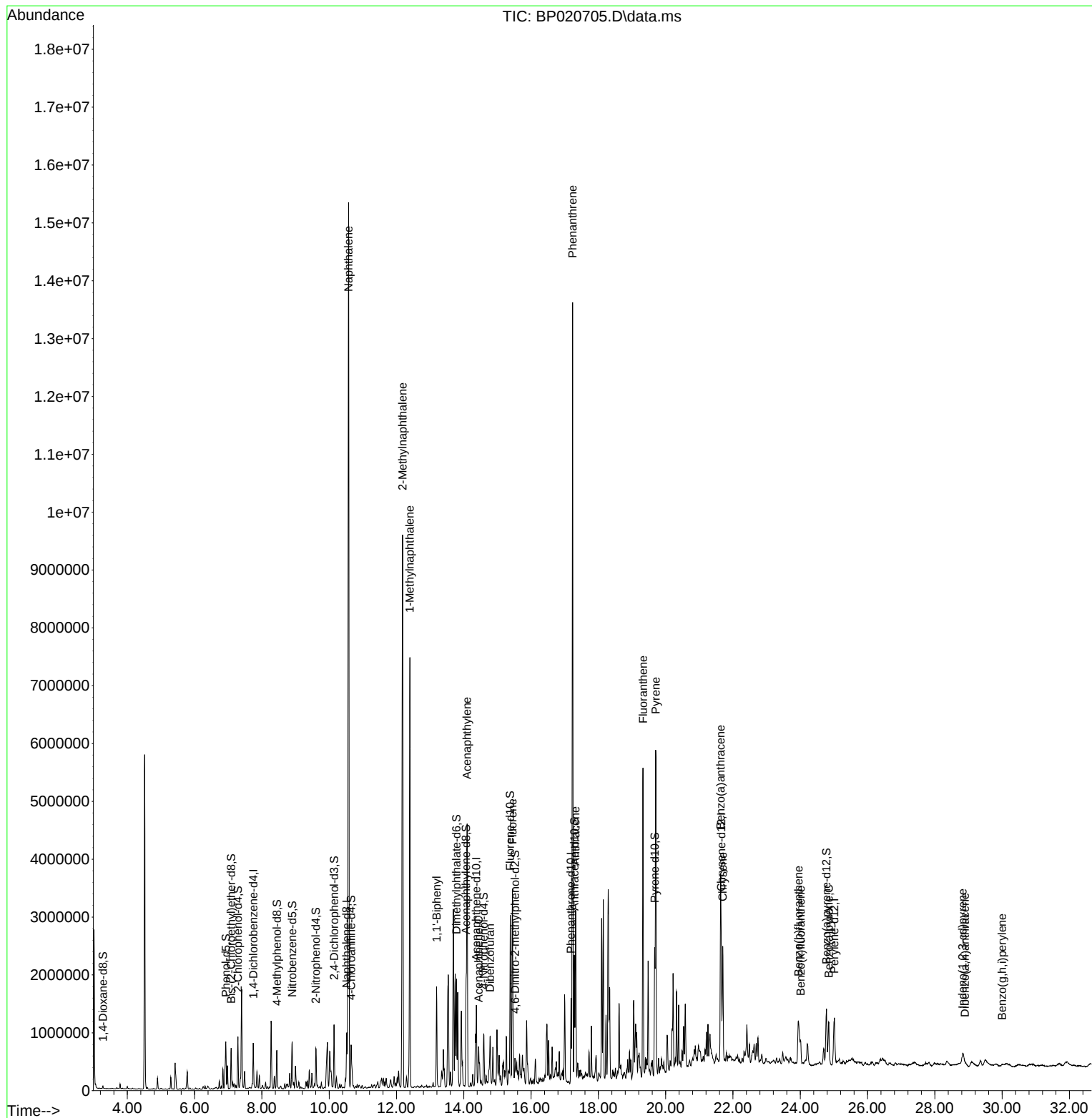
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020705.D
Acq On : 29 Jun 2024 00:08
Operator : MA/JU
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ALS Vial : 63 Sample Multiplier: 1

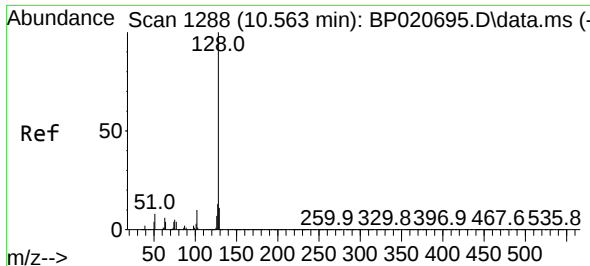
Instrument :
BNA_P
ClientSampleId :
C0SL3

Manual Integrations
APPROVED

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

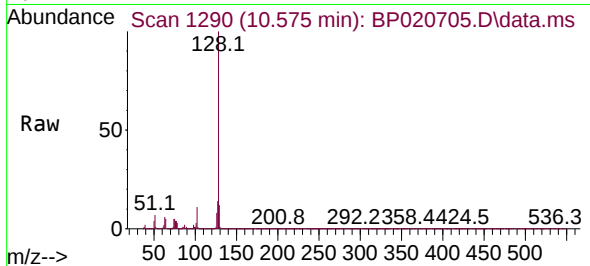
Quant Time: Jun 29 00:41:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 298.928 ng/ul
RT: 10.575 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

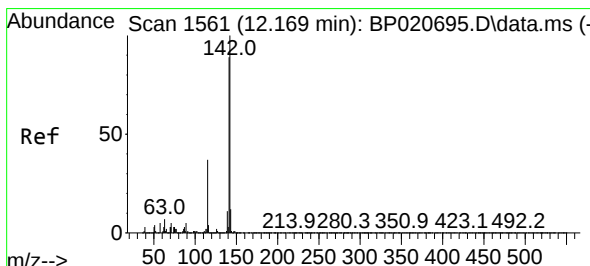
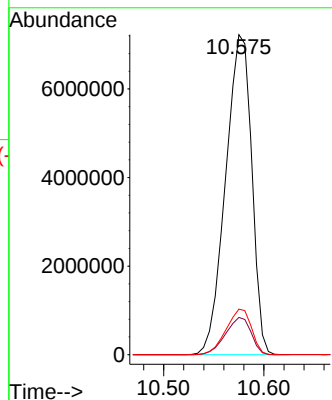
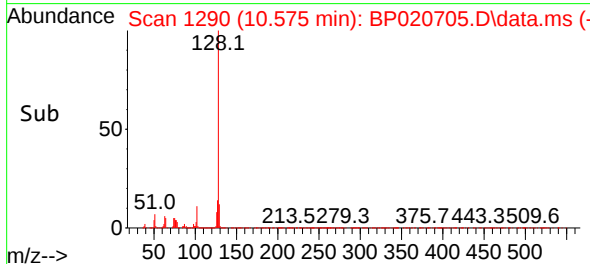
Instrument :
BNA_P
ClientSampleId :
COSL3



Tgt Ion:128 Resp:13084028
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 14.3 10.6 15.8

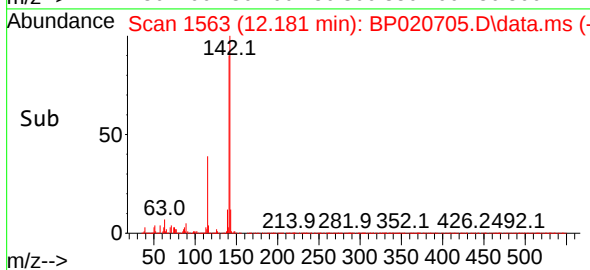
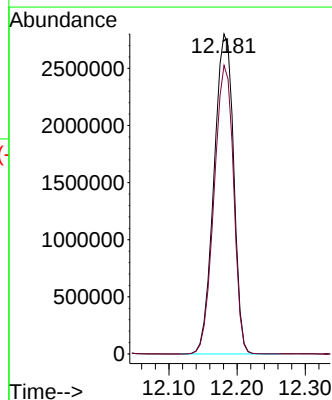
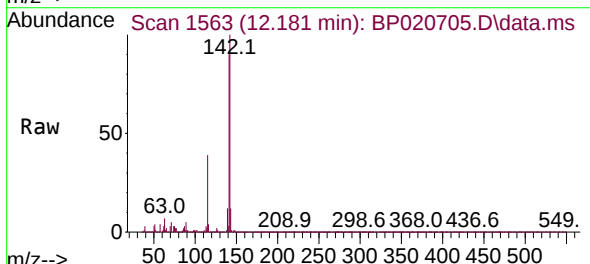
Manual Integrations
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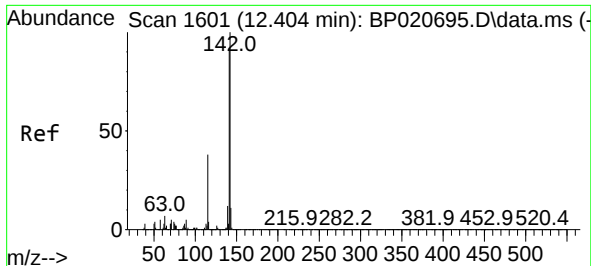
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#36
2-Methylnaphthalene
Concen: 191.486 ng/ul
RT: 12.181 min Scan# 1563
Delta R.T. 0.012 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

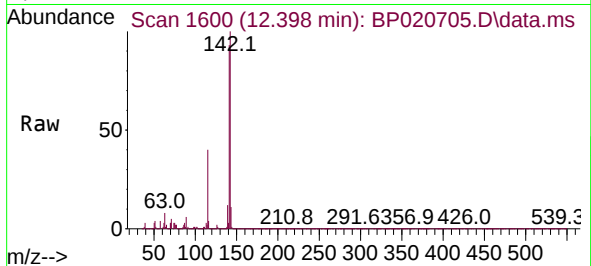
Tgt Ion:142 Resp: 5614365
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7





#37
1-Methylnaphthalene
Concen: 108.670 ng/ul
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

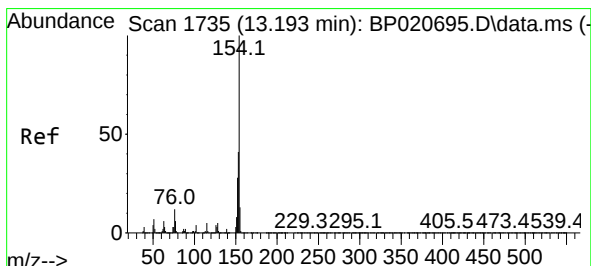
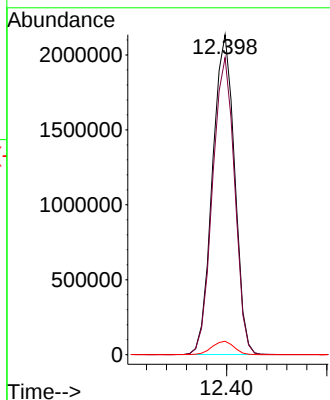
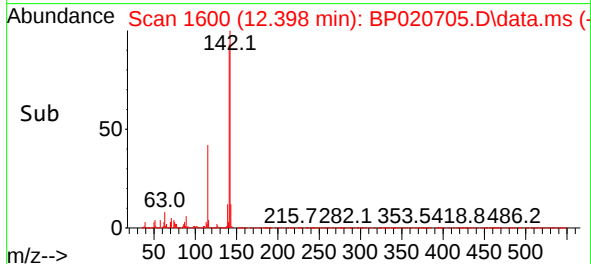
Instrument :
BNA_P
ClientSampleId :
COSL3



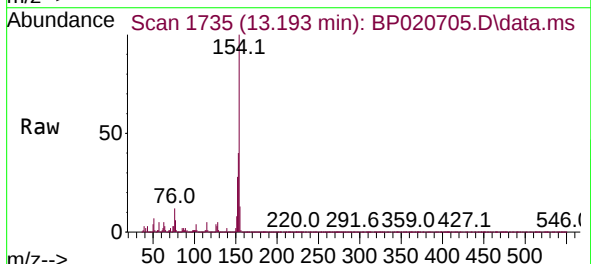
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Ion Ratio Lower Upper
142 100
141 92.9 74.9 112.3
116 4.2 3.3 4.9

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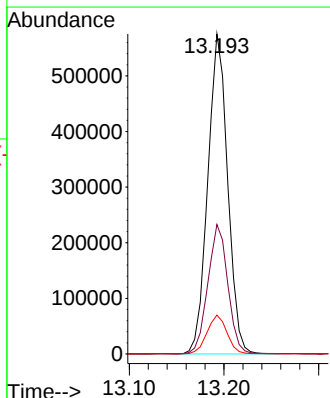
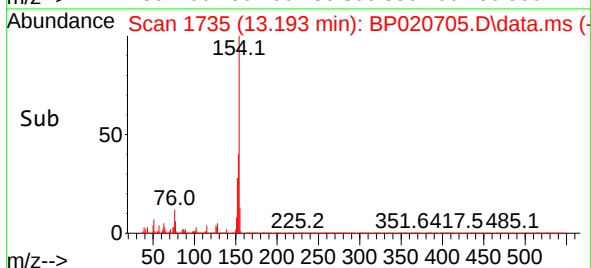
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

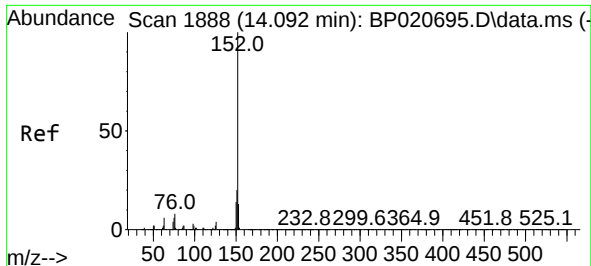


#43
1,1'-Biphenyl
Concen: 22.816 ng/ul
RT: 13.193 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08



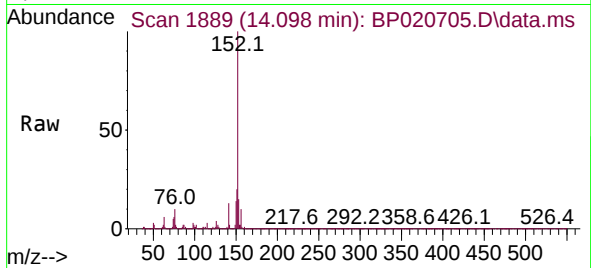
Tgt Ion:154 Resp: 837783
Ion Ratio Lower Upper
154 100
153 40.4 32.6 48.8
76 12.1 10.8 16.2





#50
Acenaphthylene
Concen: 59.193 ng/u1
RT: 14.098 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

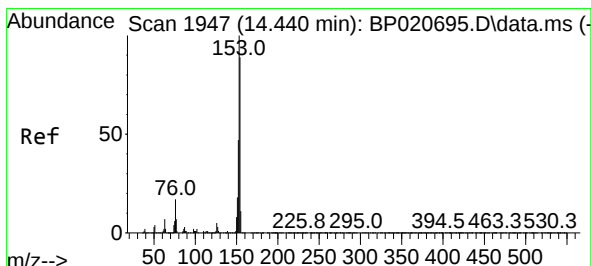
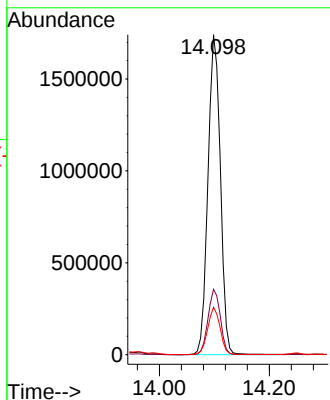
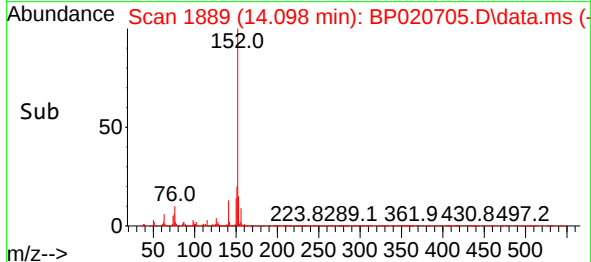
Instrument :
BNA_P
ClientSampleId :
COSL3



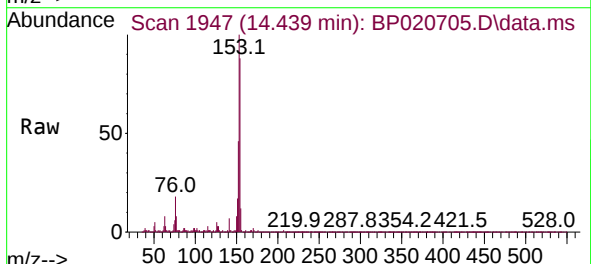
Tgt Ion:152 Resp: 272366
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.9 10.8 16.2

Manual Integrations
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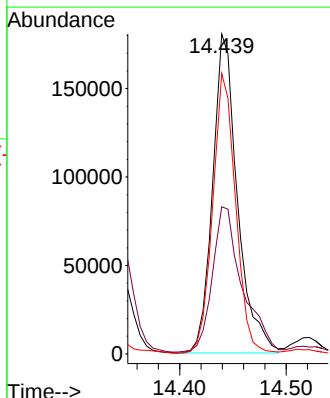
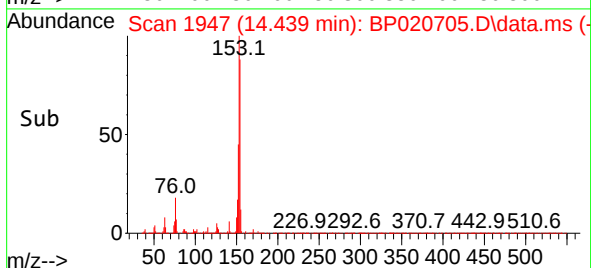
Reviewed By :Yogesh Patel 06/29/2024
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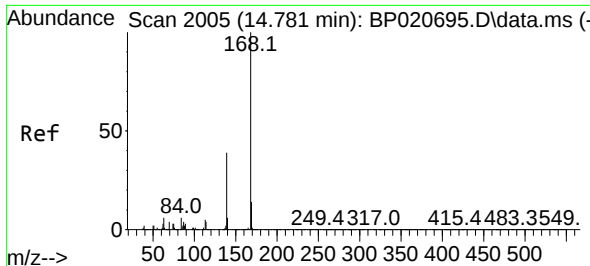


#52
Acenaphthene
Concen: 9.586 ng/u1
RT: 14.439 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08



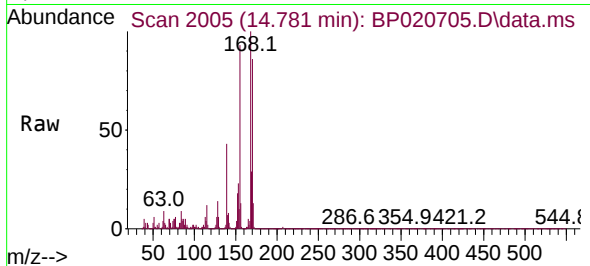
Tgt Ion:153 Resp: 292609
Ion Ratio Lower Upper
153 100
152 46.0 38.2 57.2
154 87.7 69.8 104.6





#56
Dibenzenofuran
Concen: 6.802 ng/ul
RT: 14.781 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

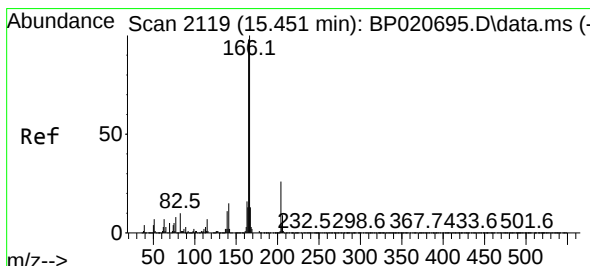
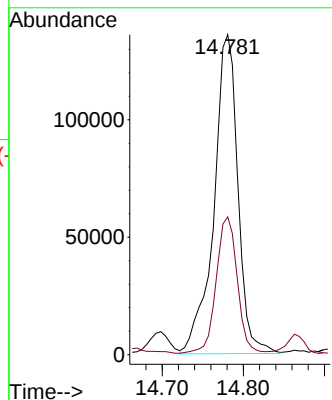
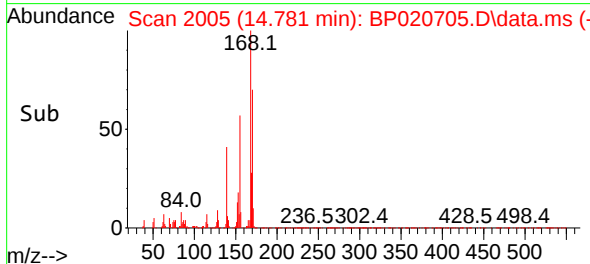
Instrument :
BNA_P
ClientSampleId :
C0SL3



Tgt Ion:168 Resp: 27977
Ion Ratio Lower Upper
168 100
139 43.1 30.7 46.1

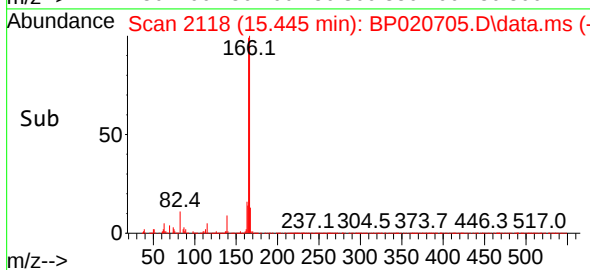
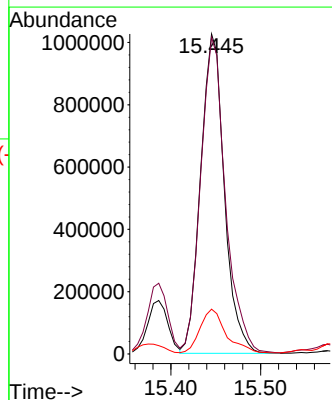
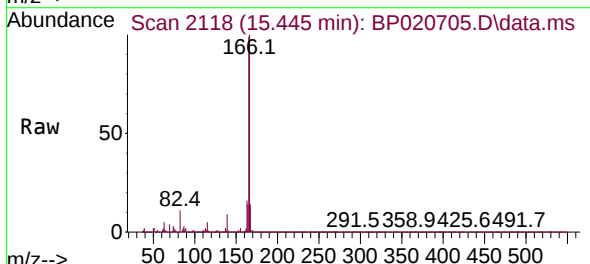
Manual Integrations
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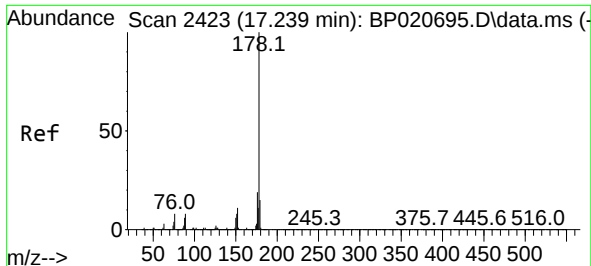
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#61
Fluorene
Concen: 56.911 ng/ul
RT: 15.445 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

Tgt Ion:166 Resp: 1880720
Ion Ratio Lower Upper
166 100
165 99.0 78.8 118.2
167 14.0 11.2 16.8





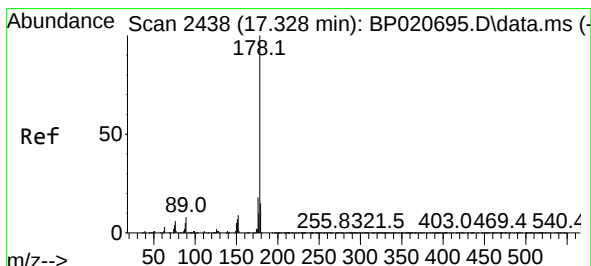
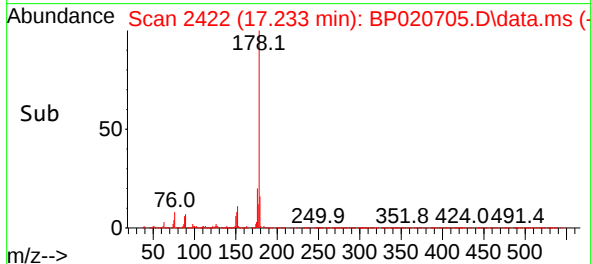
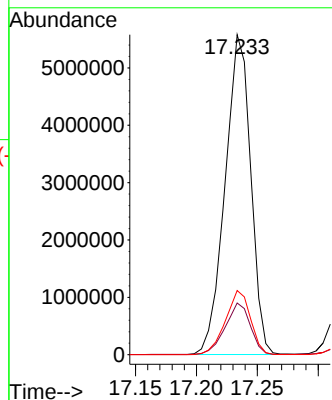
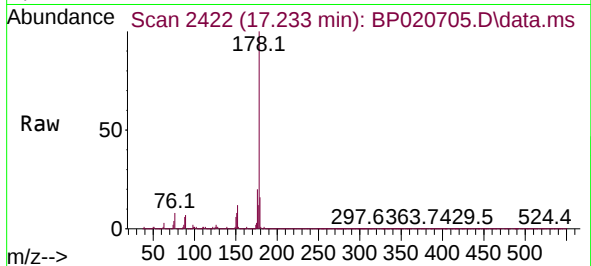
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Phenanthrene
Concen: 178.709 ng/u1
RT: 17.233 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

Instrument :
BNA_P
ClientSampleId :
C0SL3

Tgt Ion:178 Resp: 817321
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.1 15.4 23.2

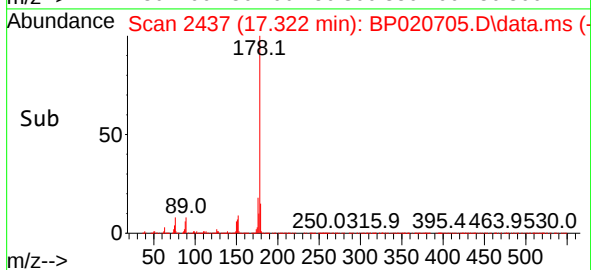
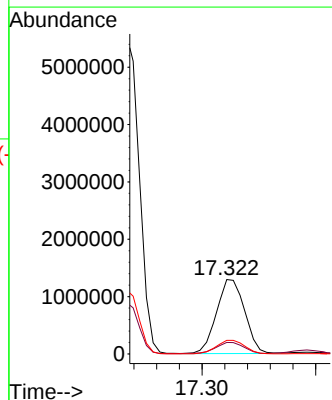
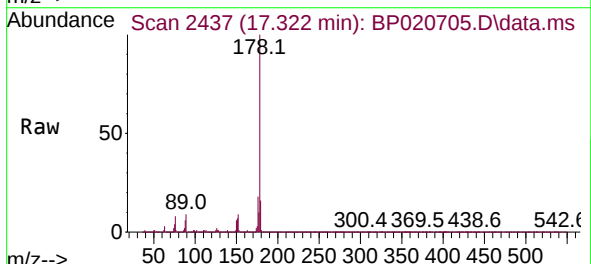
Manual Integrations
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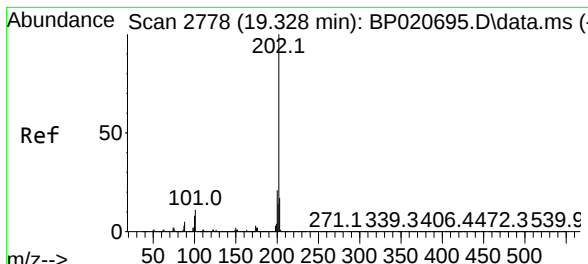
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#74
Anthracene
Concen: 47.390 ng/u1
RT: 17.322 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

Tgt Ion:178 Resp: 2229418
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.3 15.0 22.4





#80
 Fluoranthene
 Concen: 62.939 ng/u1
 RT: 19.327 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP020705.D
 Acq: 29 Jun 2024 00:08

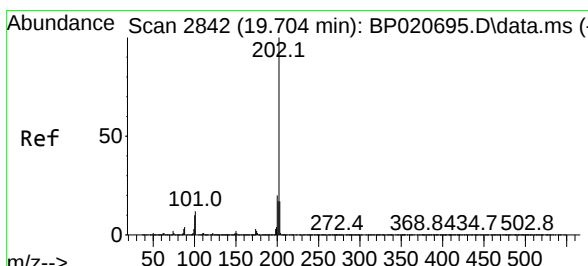
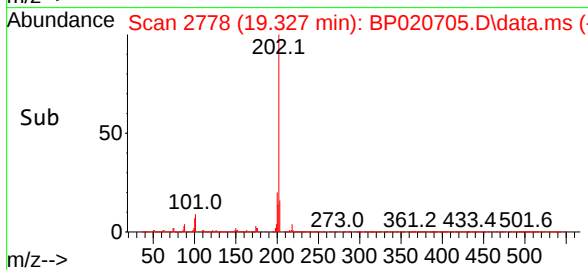
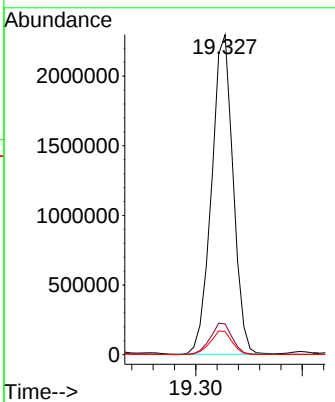
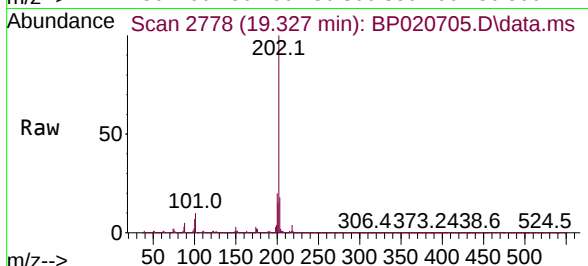
Instrument :
 BNA_P
 ClientSampleId :
 COSL3

Tgt Ion:202 Resp: 3214434

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.2	12.4
100	7.3	6.6	10.0

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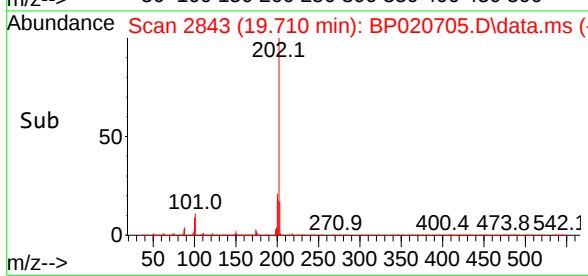
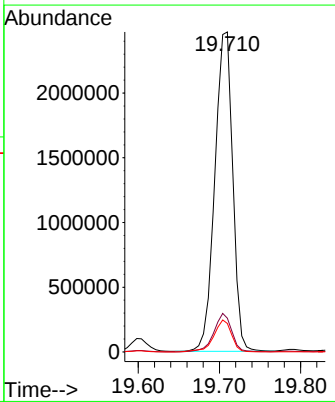
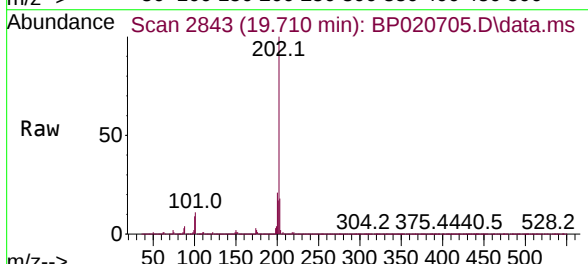
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

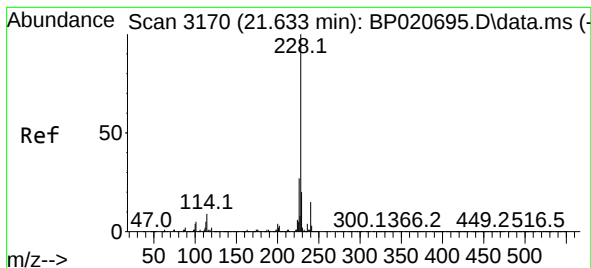


#82
 Pyrene
 Concen: 72.458 ng/u1
 RT: 19.710 min Scan# 2843
 Delta R.T. 0.012 min
 Lab File: BP020705.D
 Acq: 29 Jun 2024 00:08

Tgt Ion:202 Resp: 3795214

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
100	8.9	7.9	11.9





#85

Benzo(a)anthracene

Concen: 35.260 ng/ul m

RT: 21.633 min Scan# 3170

Delta R.T. 0.012 min

Lab File: BP020705.D

Acq: 29 Jun 2024 00:08

Instrument :

BNA_P

ClientSampleId :

C0SL3

Tgt Ion:228 Resp: 172005

Ion Ratio Lower Upper

228 100

229 20.8 15.2 22.8

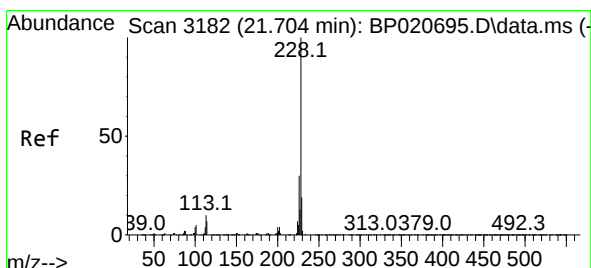
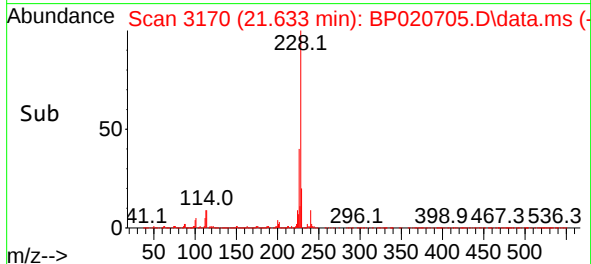
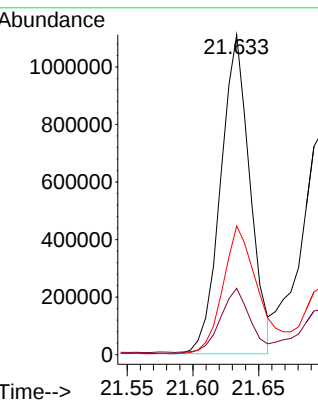
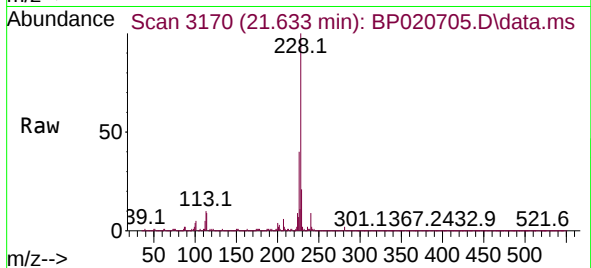
226 40.3 21.1 31.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#87

Chrysene

Concen: 32.095 ng/ul

RT: 21.698 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP020705.D

Acq: 29 Jun 2024 00:08

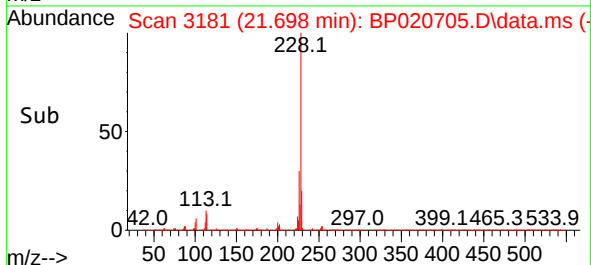
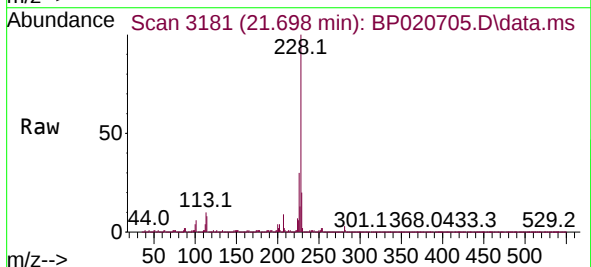
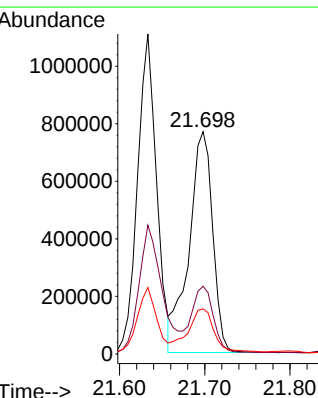
Tgt Ion:228 Resp: 1479889

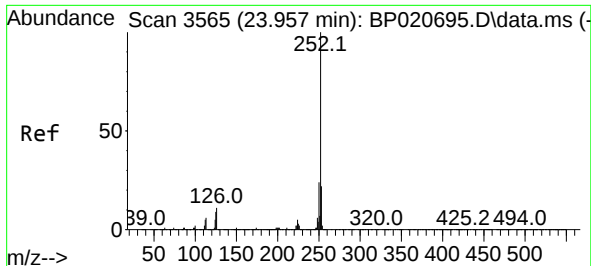
Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

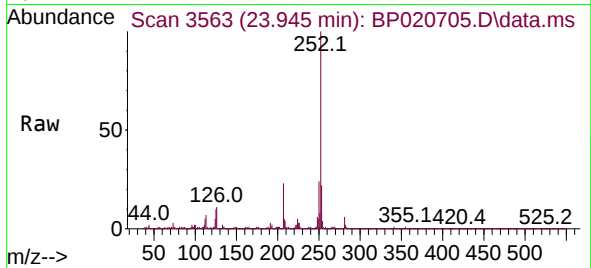
229 20.3 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 20.646 ng/ul
RT: 23.945 min Scan# 3565
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

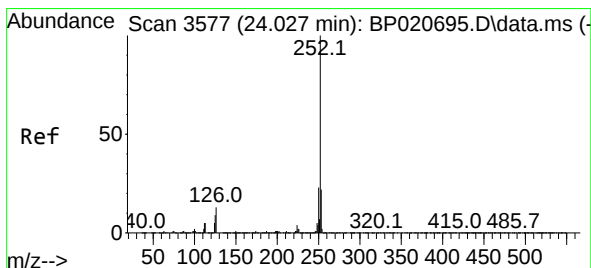
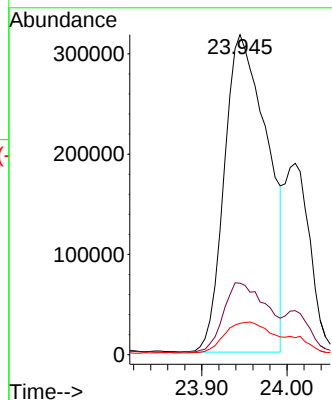
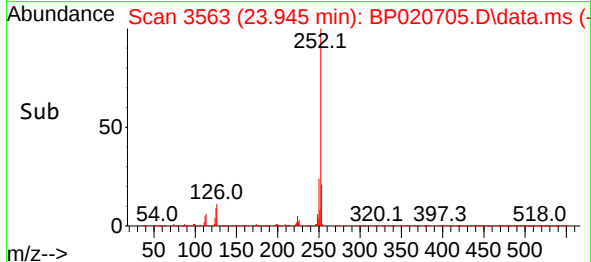
Instrument :
BNA_P
ClientSampleId :
COSL3



Tgt Ion:252 Resp: 111761
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.8 7.9 11.9

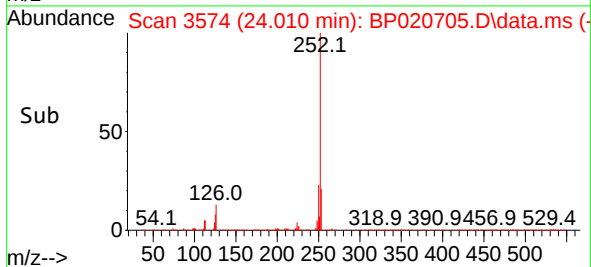
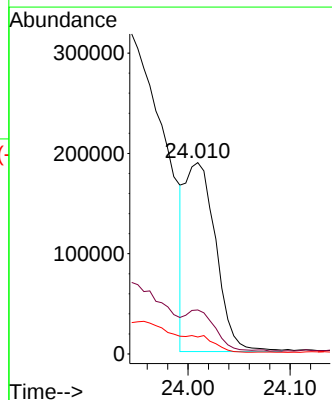
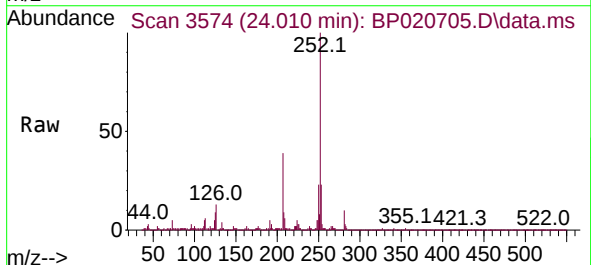
Manual Integrations
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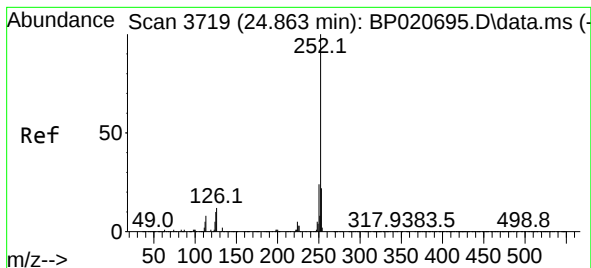
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#91
Benzo(k)fluoranthene
Concen: 7.182 ng/ul m
RT: 24.010 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP020705.D
Acq: 29 Jun 2024 00:08

Tgt Ion:252 Resp: 393275
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 8.9 7.9 11.9





#93

Benzo(a)pyrene

Concen: 14.821 ng/ul

RT: 24.851 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020705.D

Acq: 29 Jun 2024 00:08

Instrument :

BNA_P

ClientSampleId :

COSL3

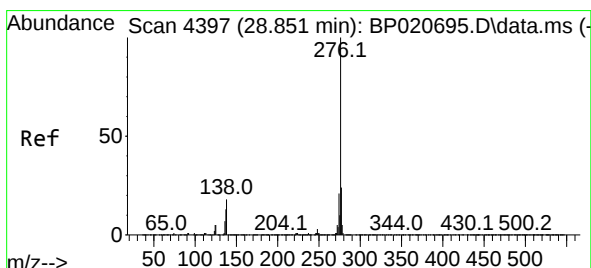
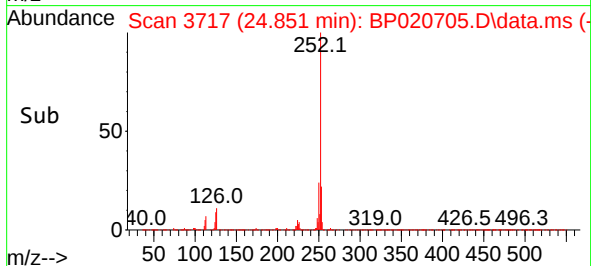
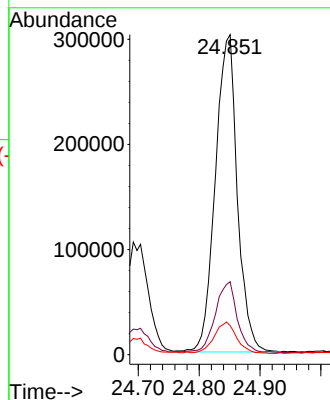
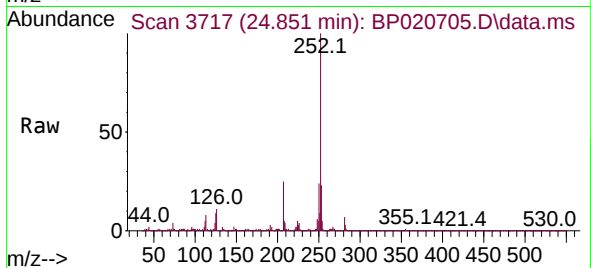
Tgt Ion:	252	Resp:	75736
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	9.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.122 ng/ul m

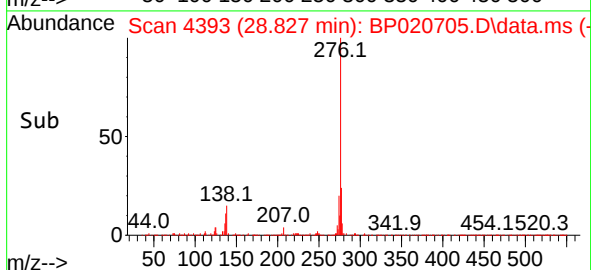
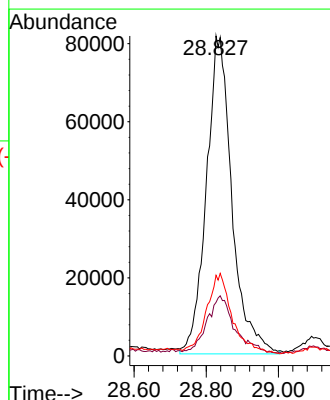
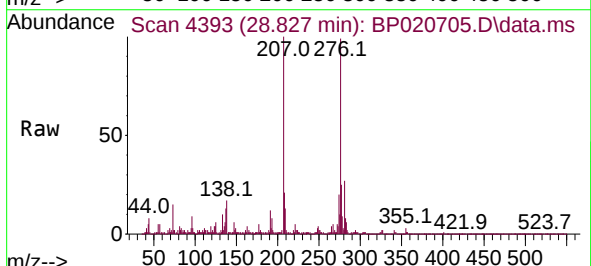
RT: 28.827 min Scan# 4393

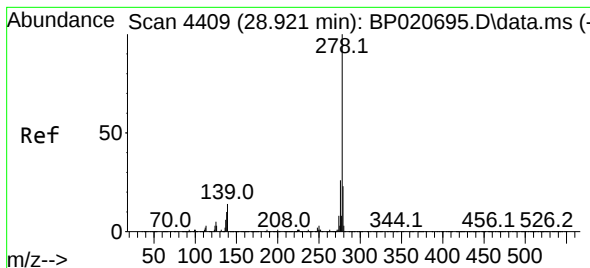
Delta R.T. 0.012 min

Lab File: BP020705.D

Acq: 29 Jun 2024 00:08

Tgt Ion:	276	Resp:	401258
Ion Ratio	Lower	Upper	
276	100		
138	16.8	15.2	22.8
277	25.2	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 3.045 ng/ul m

RT: 28.898 min Scan# 4409

Delta R.T. -0.000 min

Lab File: BP020705.D

Acq: 29 Jun 2024 00:08

Instrument :

BNA_P

ClientSampleId :

COSL3

Tgt Ion:278 Resp: 16403

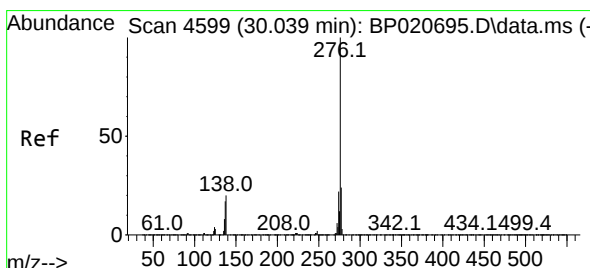
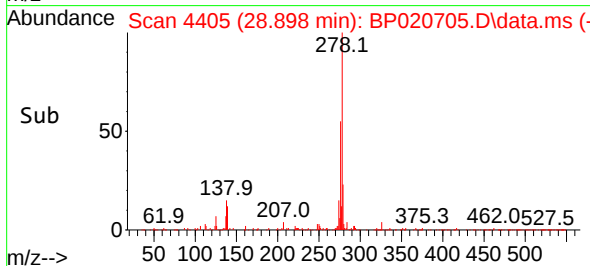
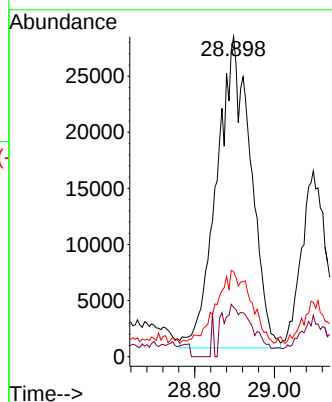
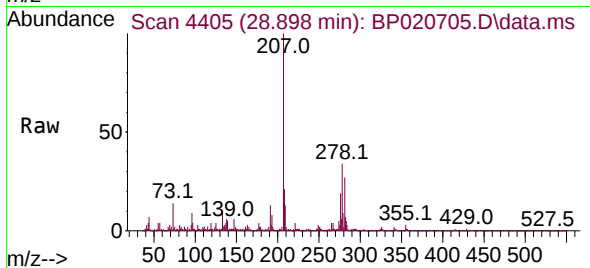
Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.1	16.7
279	26.5	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#96

Benzo(g,h,i)perylene

Concen: 1.082 ng/ul m

RT: 29.997 min Scan# 4592

Delta R.T. -0.006 min

Lab File: BP020705.D

Acq: 29 Jun 2024 00:08

Tgt Ion:276 Resp: 57914

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	24.1	18.7	28.1

