

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020808.D
 Acq On : 06 Jul 2024 05:33
 Operator : MA/JU
 Sample : P2964-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 06:01:06 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	7.728	152	232895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	958659	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	615816	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1236087	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	1037479	20.000	ng/u1	0.01
88) Perylene-d12	25.004	264	1254684	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16278	3.001	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.922	99	375022	19.633	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	224083	18.504	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	321813	20.614	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	298449	19.237	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	158118	22.340	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	180302	25.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	310466	21.280	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	78770	3.852	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	963988	22.514	ng/u1	0.01
49) Acenaphthylene-d8	14.045	160	1101546	21.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	123236	18.838	ng/u1	0.02
60) Fluorene-d10	15.369	176	829671	23.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	96822	15.543	ng/u1	0.00
73) Anthracene-d10	17.269	188	1202024	21.668	ng/u1	0.00
81) Pyrene-d10	19.663	212	1169141	18.758	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.768	264	904599	14.822	ng/u1	0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.551	128	90169	1.757	ng/u1	99
36) 2-Methylnaphthalene	12.151	142	35087	1.021	ng/u1	98
50) Acenaphthylene	14.081	152	144737	2.508	ng/u1	99
56) Dibenzofuran	14.763	168	53919	1.045	ng/u1	96
61) Fluorene	15.422	166	45040	1.087	ng/u1#	99
72) Phenanthrene	17.216	178	903266	13.955	ng/u1	99
74) Anthracene	17.304	178	238387	3.580	ng/u1	99
77) Carbazole	17.598	167	79639	1.449	ng/u1	95
80) Fluoranthene	19.310	202	1713111	22.501	ng/u1	99
82) Pyrene	19.692	202	1379191	17.664	ng/u1	98
85) Benzo(a)anthracene	21.615	228	920051	12.652	ng/u1#	90
87) Chrysene	21.686	228	1000328	14.553	ng/u1	96
90) Benzo(b)fluoranthene	23.939	252	1352171	17.789	ng/u1#	95
91) Benzo(k)fluoranthene	24.004	252	464223m	6.038	ng/u1	
93) Benzo(a)pyrene	24.833	252	544042	7.582	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.821	276	647989	7.041	ng/u1	96
95) Dibenzo(a,h)anthracene	28.886	278	229223m	3.030	ng/u1	
96) Benzo(g,h,i)perylene	29.997	276	92956m	1.237	ng/u1	

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

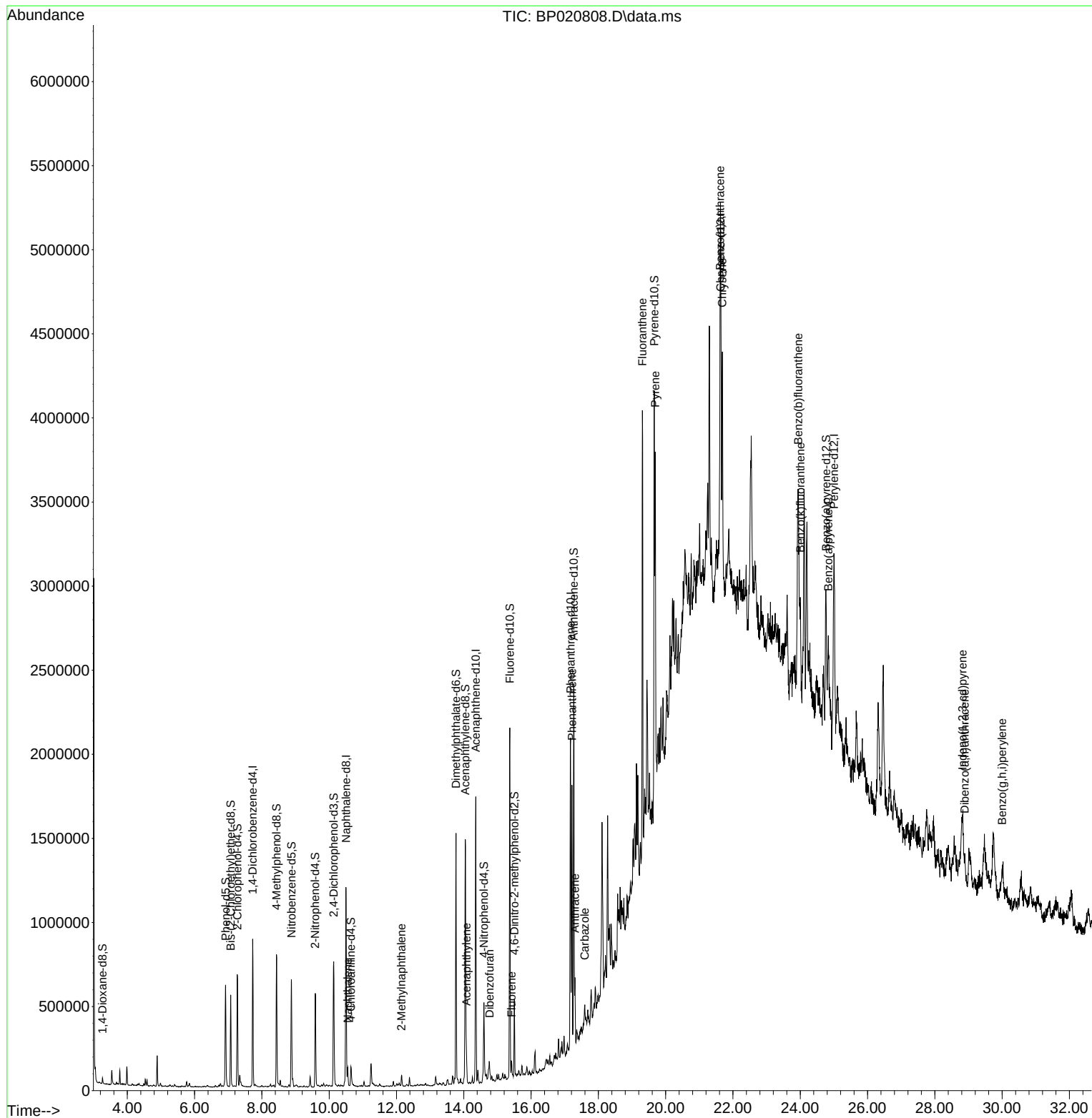
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020808.D
 Acq On : 06 Jul 2024 05:33
 Operator : MA/JU
 Sample : P2964-11
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 ALS Vial : 27 Sample Multiplier: 1

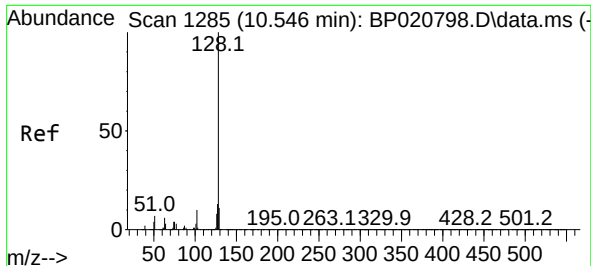
Instrument :
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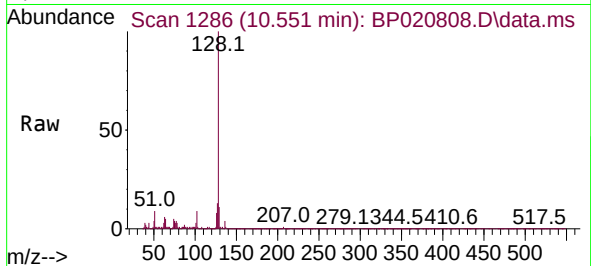
Quant Time: Jul 06 06:01:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.757 ng/ul
RT: 10.551 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

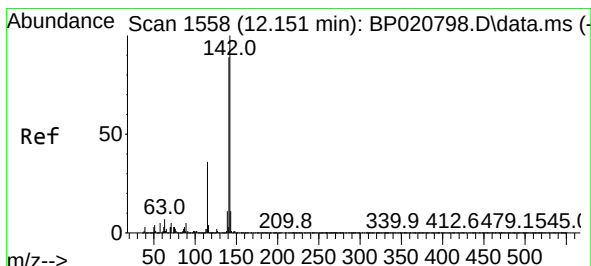
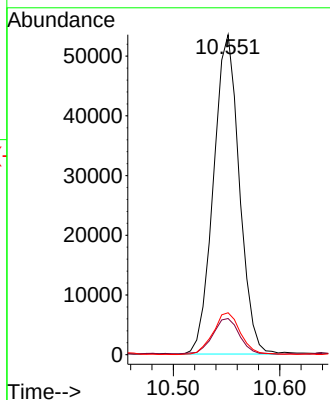
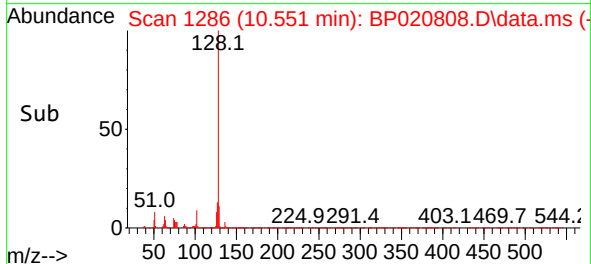
Instrument :
BNA_P
ClientSampleId :
A4CS5



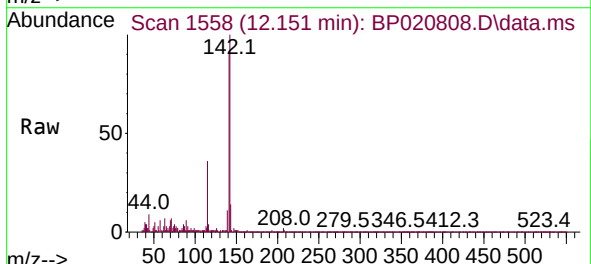
Tgt Ion:128 Resp: 90169
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.6 15.8

Manual Integrations
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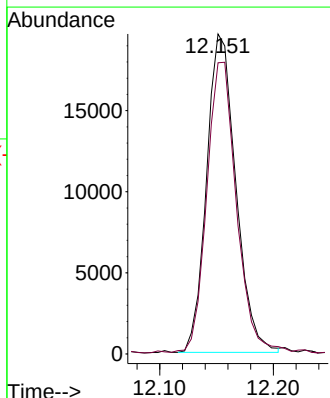
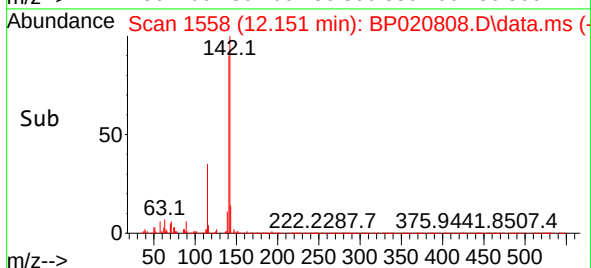
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

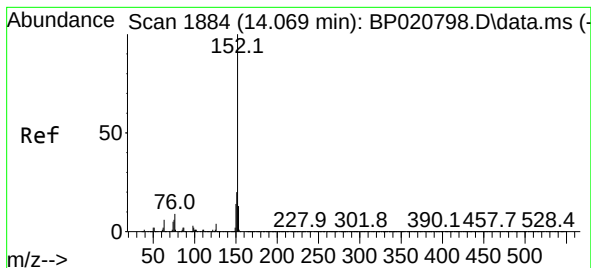


#36
2-Methylnaphthalene
Concen: 1.021 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33



Tgt Ion:142 Resp: 35087
Ion Ratio Lower Upper
142 100
141 91.0 71.1 106.7





#50

Acenaphthylene

Concen: 2.508 ng/ul

RT: 14.081 min Scan# 1884

Delta R.T. 0.012 min

Lab File: BP020808.D

Acq: 06 Jul 2024 05:33

Instrument :

BNA_P

ClientSampleId :

A4CS5

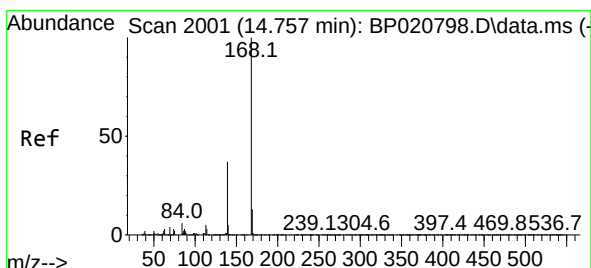
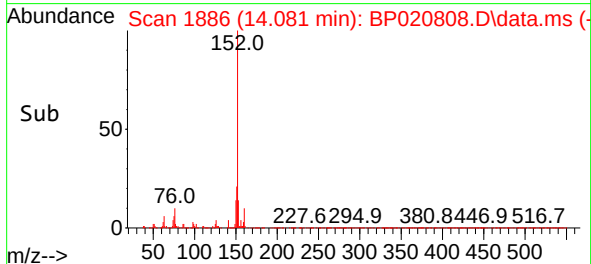
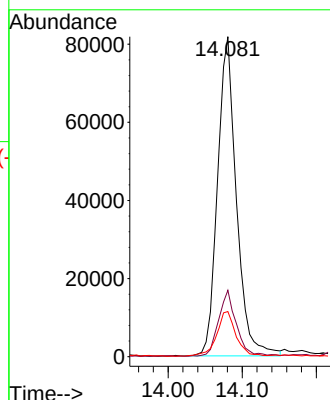
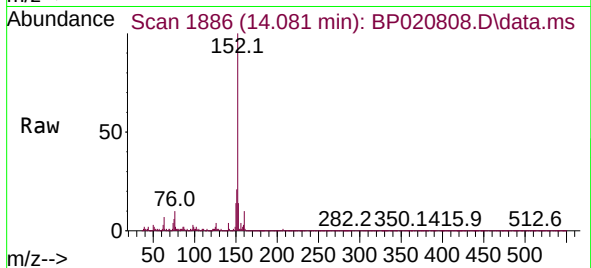
Tgt Ion:	152	Resp:	14473
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4
153	14.1	10.8	16.2

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#56

Dibenzofuran

Concen: 1.045 ng/ul

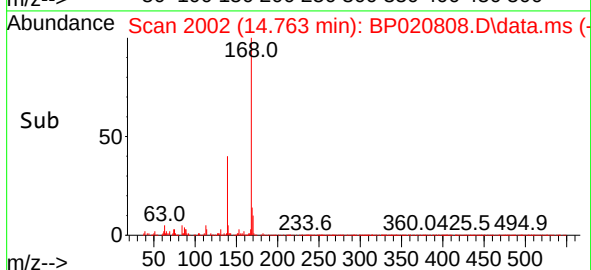
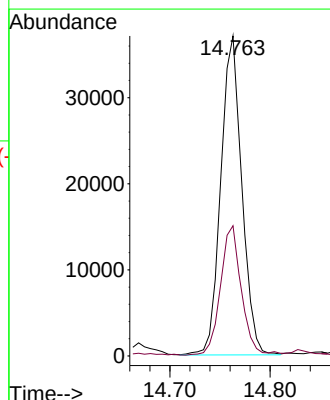
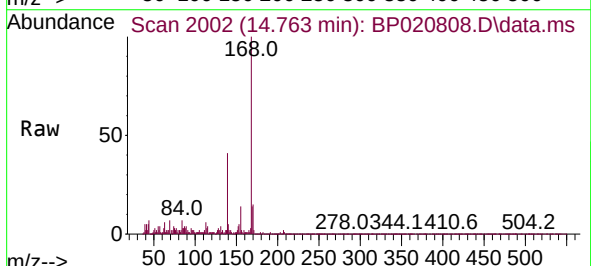
RT: 14.763 min Scan# 2002

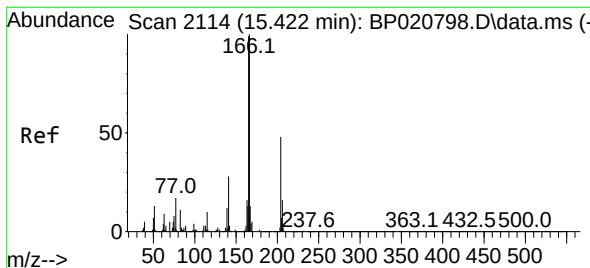
Delta R.T. -0.000 min

Lab File: BP020808.D

Acq: 06 Jul 2024 05:33

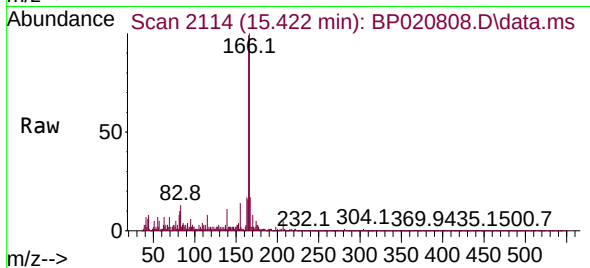
Tgt Ion:	168	Resp:	53919
Ion Ratio	Lower	Upper	
168	100		
139	40.7	30.7	46.1





#61
Fluorene
Concen: 1.087 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

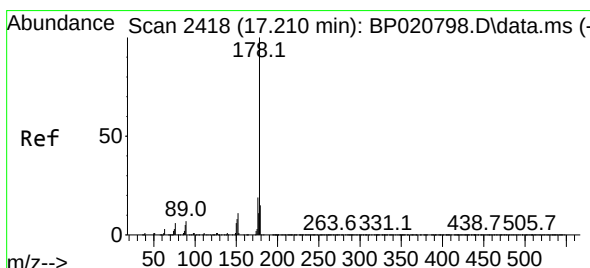
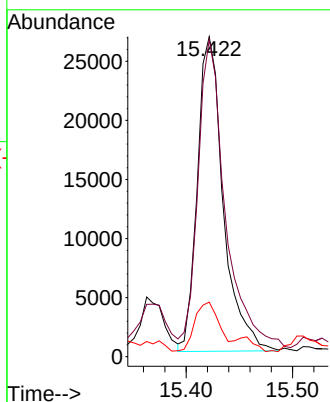
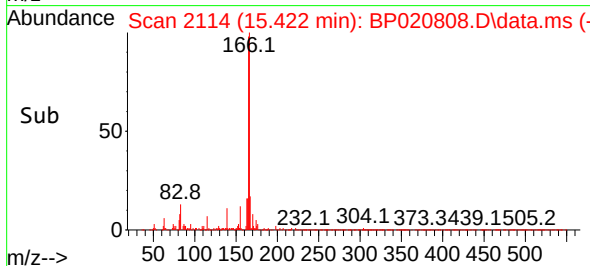
Instrument :
BNA_P
ClientSampleId :
A4CS5



Tgt Ion:166 Resp: 45040
Ion Ratio Lower Upper
166 100
165 99.1 78.8 118.2
167 17.1 11.2 16.8

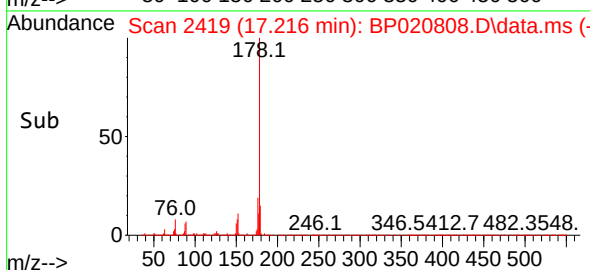
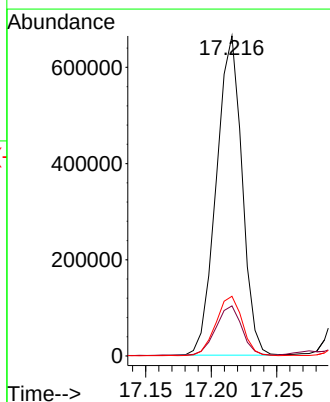
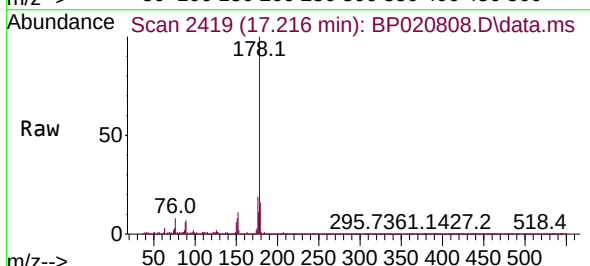
Manual Integrations
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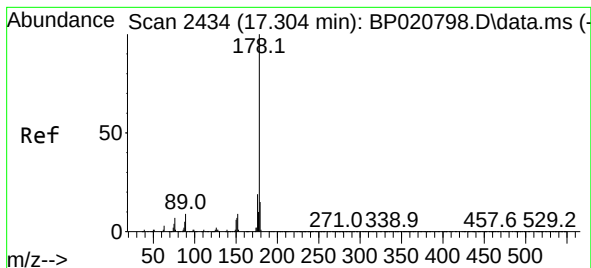
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#72
Phenanthrene
Concen: 13.955 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

Tgt Ion:178 Resp: 903266
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.6 15.4 23.2





#74

Anthracene

Concen: 3.580 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP020808.D

Acq: 06 Jul 2024 05:33

Instrument :

BNA_P

ClientSampleId :

A4CS5

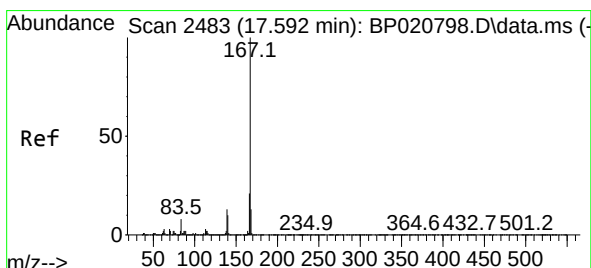
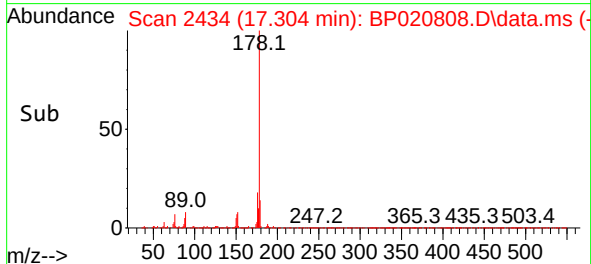
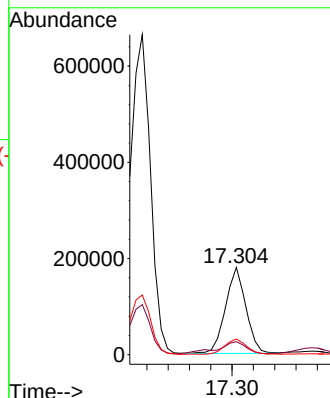
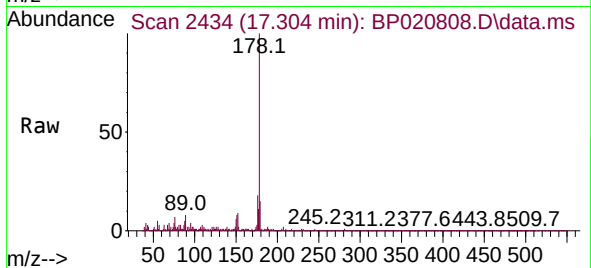
Tgt Ion:178	Resp: 23838
Ion Ratio	Lower Upper
178 100	
179 14.9	12.1 18.1
176 18.0	15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#77

Carbazole

Concen: 1.449 ng/ul

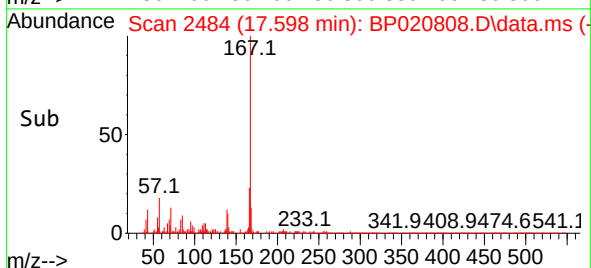
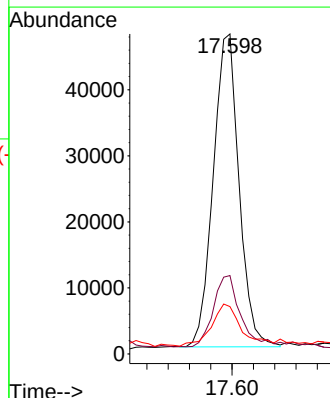
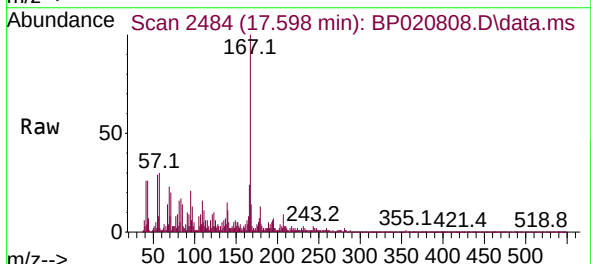
RT: 17.598 min Scan# 2484

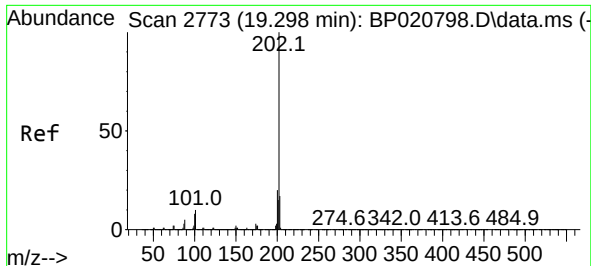
Delta R.T. 0.012 min

Lab File: BP020808.D

Acq: 06 Jul 2024 05:33

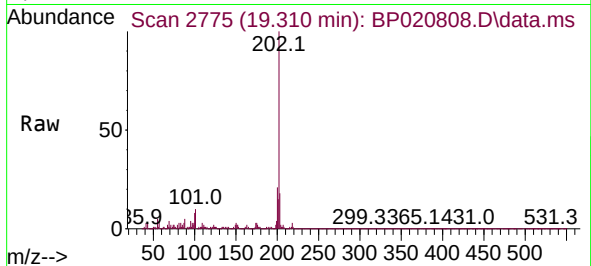
Tgt Ion:167	Resp: 79639
Ion Ratio	Lower Upper
167 100	
166 24.5	17.2 25.8
139 14.8	10.6 16.0





#80
Fluoranthene
Concen: 22.501 ng/u1
RT: 19.310 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

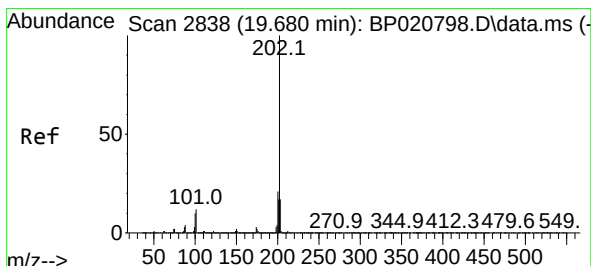
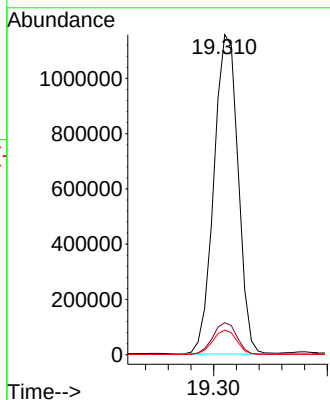
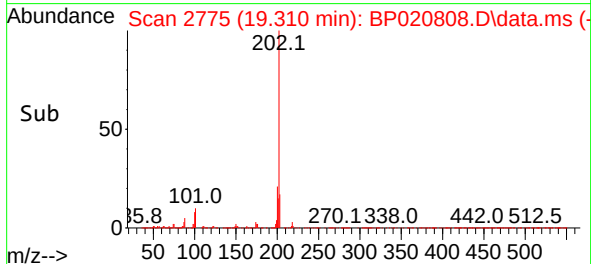
Instrument :
BNA_P
ClientSampleId :
A4CS5



Tgt Ion:202 Resp: 171311
Ion Ratio Lower Upper
202 100
101 10.0 8.2 12.4
100 7.7 6.6 10.0

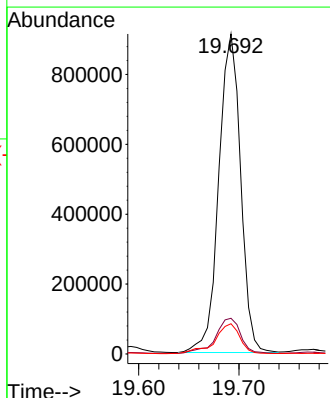
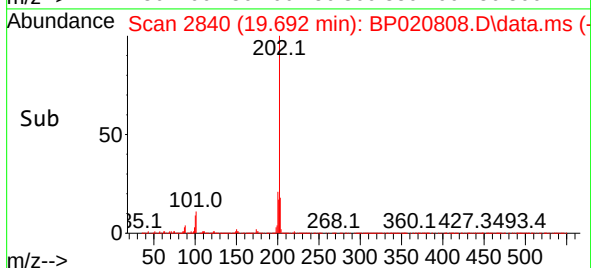
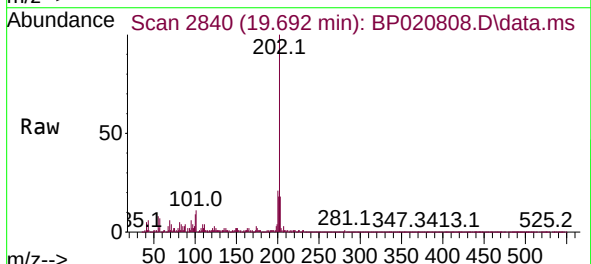
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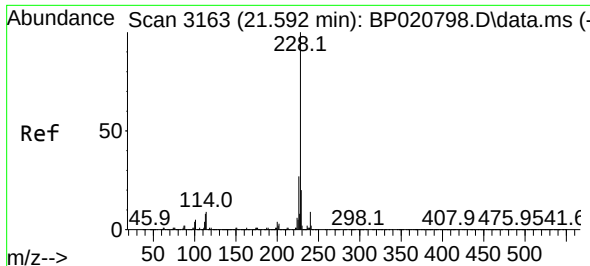
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#82
Pyrene
Concen: 17.664 ng/u1
RT: 19.692 min Scan# 2840
Delta R.T. 0.012 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

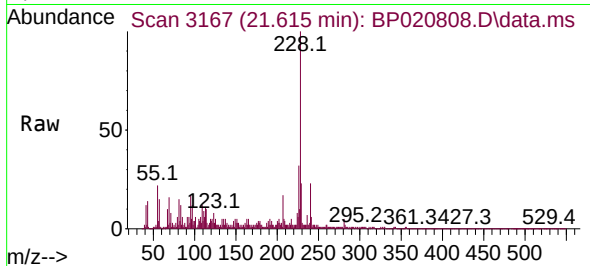
Tgt Ion:202 Resp: 1379191
Ion Ratio Lower Upper
202 100
101 11.1 9.8 14.8
100 9.4 7.9 11.9





#85
Benzo(a)anthracene
Concen: 12.652 ng/ul
RT: 21.615 min Scan# 3167
Delta R.T. 0.017 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

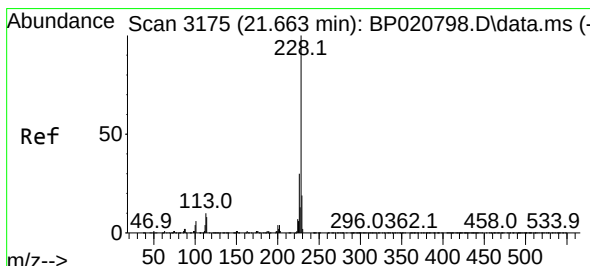
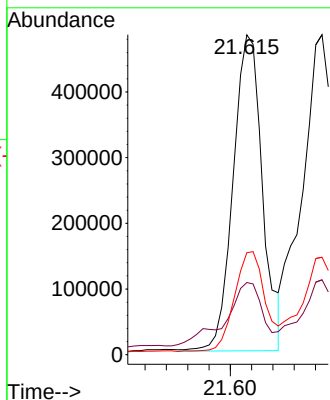
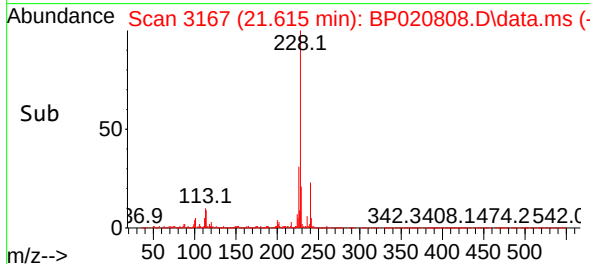
Instrument :
BNA_P
ClientSampleId :
A4CS5



Tgt Ion:228 Resp: 92005
Ion Ratio Lower Upper
228 100
229 22.5 15.2 22.8
226 31.9 21.1 31.7

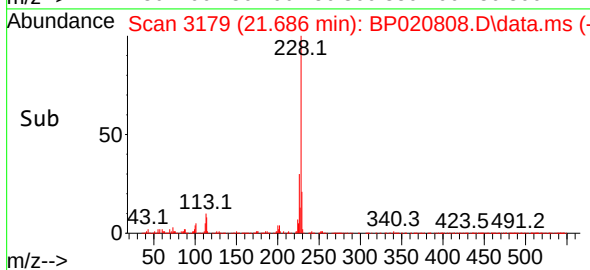
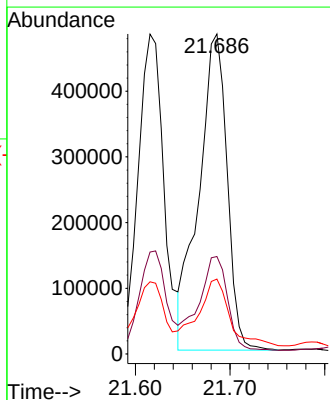
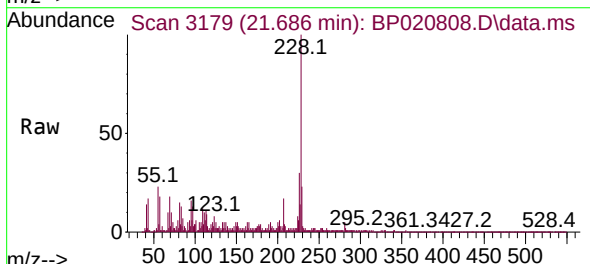
Manual Integrations
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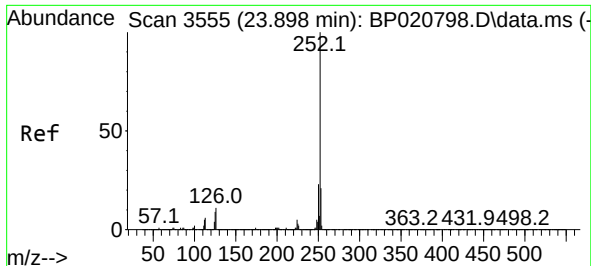
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 14.553 ng/ul
RT: 21.686 min Scan# 3179
Delta R.T. 0.017 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

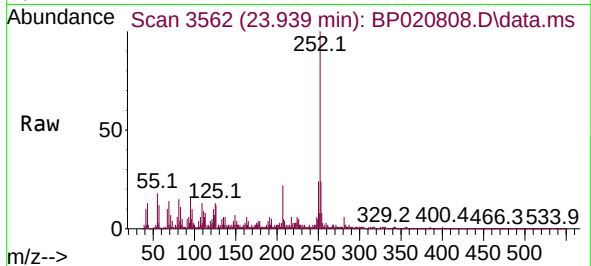
Tgt Ion:228 Resp: 1000328
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 23.4 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 17.789 ng/ul
RT: 23.939 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

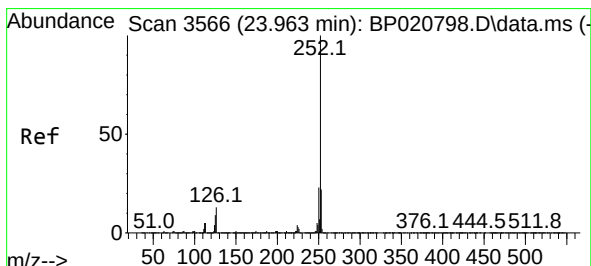
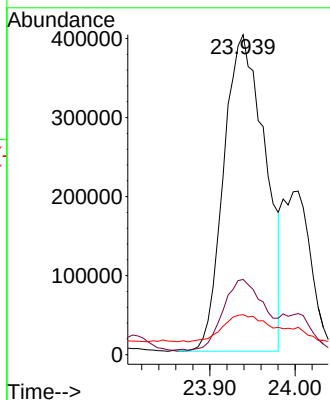
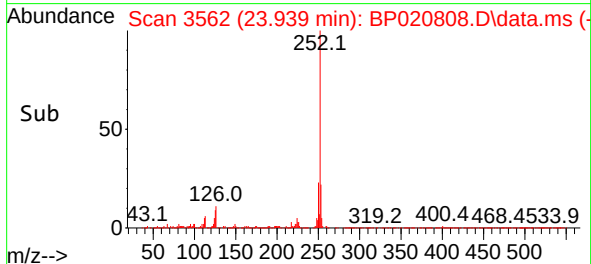
Instrument :
BNA_P
ClientSampleId :
A4CS5



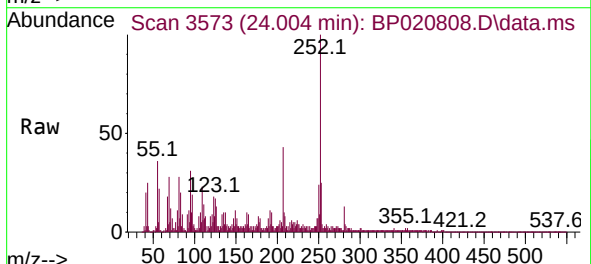
Tgt Ion:252 Resp: 135217
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 12.5 7.9 11.9

Manual Integrations
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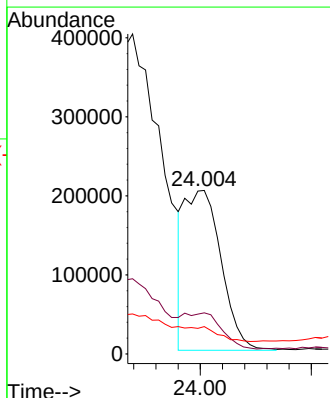
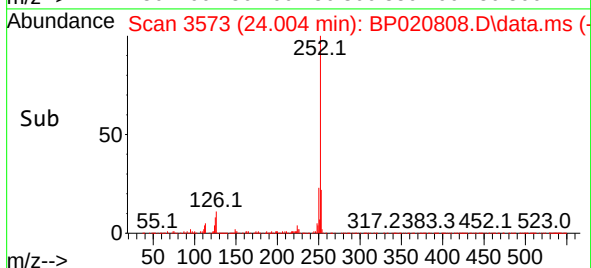
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

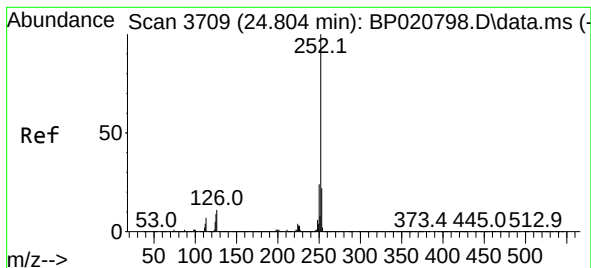


#91
Benzo(k)fluoranthene
Concen: 6.038 ng/ul m
RT: 24.004 min Scan# 3573
Delta R.T. 0.029 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33



Tgt Ion:252 Resp: 464223
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 16.7 7.9 11.9





#93

Benzo(a)pyrene

Concen: 7.582 ng/ul

RT: 24.833 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP020808.D

Acq: 06 Jul 2024 05:33

Instrument :

BNA_P

ClientSampleId :

A4CS5

Tgt Ion:252 Resp: 54404

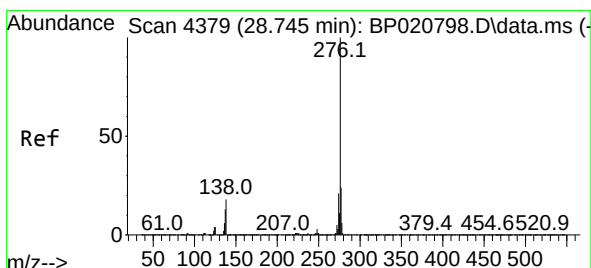
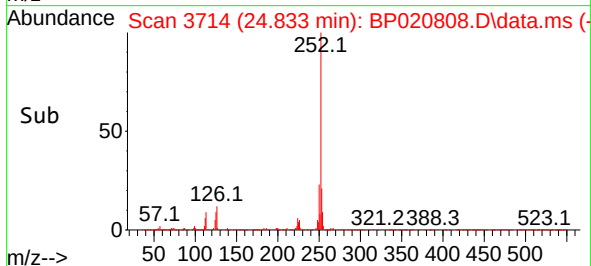
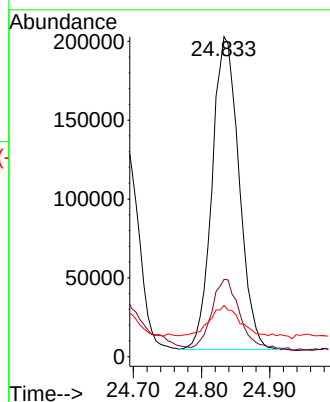
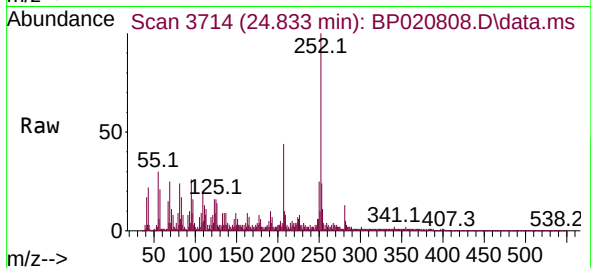
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	16.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.041 ng/ul

RT: 28.821 min Scan# 4392

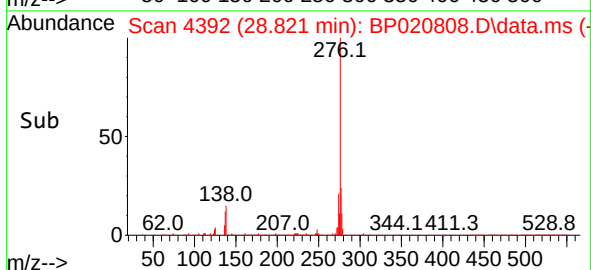
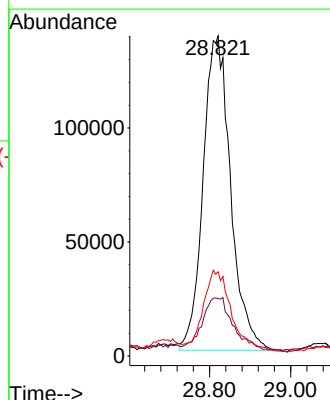
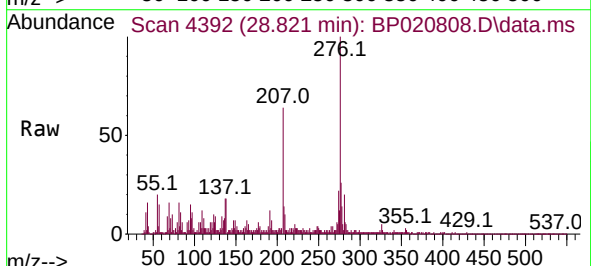
Delta R.T. 0.059 min

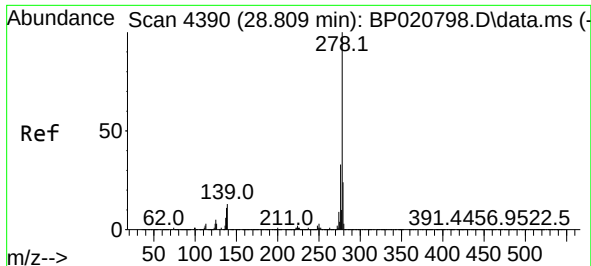
Lab File: BP020808.D

Acq: 06 Jul 2024 05:33

Tgt Ion:276 Resp: 647989

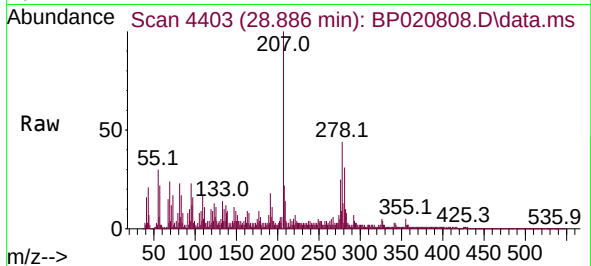
Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.2	22.8
277	26.3	19.0	28.4





#95
Dibenzo(a,h)anthracene
Concen: 3.030 ng/ul m
RT: 28.886 min Scan# 4403
Delta R.T. 0.047 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

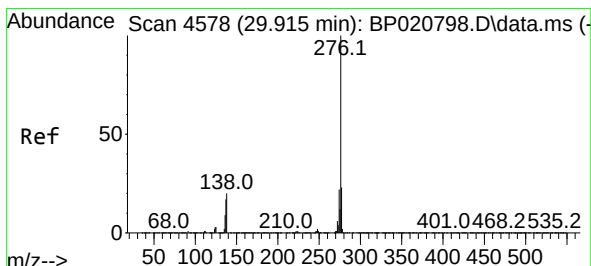
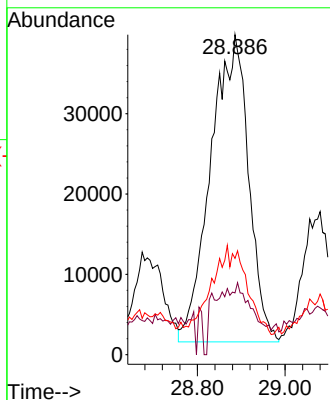
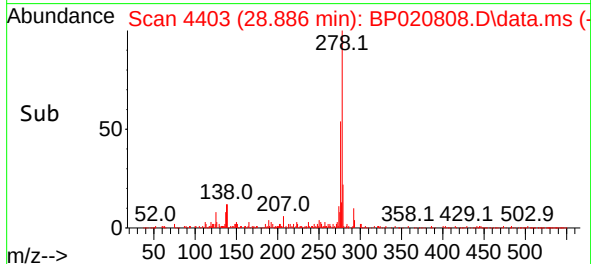
Instrument :
BNA_P
ClientSampleId :
A4CS5



Tgt Ion:278 Resp: 22922
Ion Ratio Lower Upper
278 100
139 19.3 11.1 16.7
279 30.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#96
Benzo(g,h,i)perylene
Concen: 1.237 ng/ul m
RT: 29.997 min Scan# 4592
Delta R.T. 0.059 min
Lab File: BP020808.D
Acq: 06 Jul 2024 05:33

Tgt Ion:276 Resp: 92956
Ion Ratio Lower Upper
276 100
138 28.2 16.4 24.6#
277 30.1 18.7 28.1#

