

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020747.D
 Acq On : 02 Jul 2024 12:19
 Operator : MA/JU
 Sample : P2963-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B47

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:47:35 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	7.734	152	224029	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.510	136	901442	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	541309	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	954053	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	814808	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	1023827	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	25077	4.807	ng/uL	0.00
4) Pyridine-d5	3.693	84	46629	3.067	ng/u1	0.00
7) Phenol-d5	6.922	99	547534	29.799	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	335183	28.774	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	462077	30.770	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	463523	31.060	ng/u1	-0.01
21) Nitrobenzene-d5	8.887	128	225909	33.944	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	255876	38.419	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.140	165	445765	32.493	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	372452	19.372	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1320796	35.093	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1462017	32.554	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	147678	25.681	ng/u1	0.00
60) Fluorene-d10	15.381	176	1035110	32.683	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	140577	29.239	ng/u1	0.00
73) Anthracene-d10	17.281	188	1379605	32.220	ng/u1	0.00
81) Pyrene-d10	19.669	212	1290813	26.370	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	1077576	21.637	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.557	128	127059	2.633	ng/u1	99
52) Acenaphthene	14.434	153	36933	1.098	ng/u1	97
61) Fluorene	15.434	166	47905	1.315	ng/u1	99
72) Phenanthrene	17.228	178	689372	13.799	ng/u1	98
74) Anthracene	17.316	178	138557	2.696	ng/u1	97
77) Carbazole	17.610	167	55134	1.300	ng/u1	98
80) Fluoranthene	19.316	202	993730	16.619	ng/u1	99
82) Pyrene	19.698	202	712877	11.625	ng/u1	98
85) Benzo(a)anthracene	21.616	228	472894	8.280	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.557	149	349750	9.893	ng/u1#	99
87) Chrysene	21.686	228	549949m	10.187	ng/u1	
90) Benzo(b)fluoranthene	23.933	252	593811	9.574	ng/u1	97
91) Benzo(k)fluoranthene	23.992	252	186175	2.967	ng/u1	94
93) Benzo(a)pyrene	24.839	252	242462	4.141	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.804	276	203248m	2.706	ng/u1	
95) Dibenzo(a,h)anthracene	28.868	278	83920m	1.360	ng/u1	

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

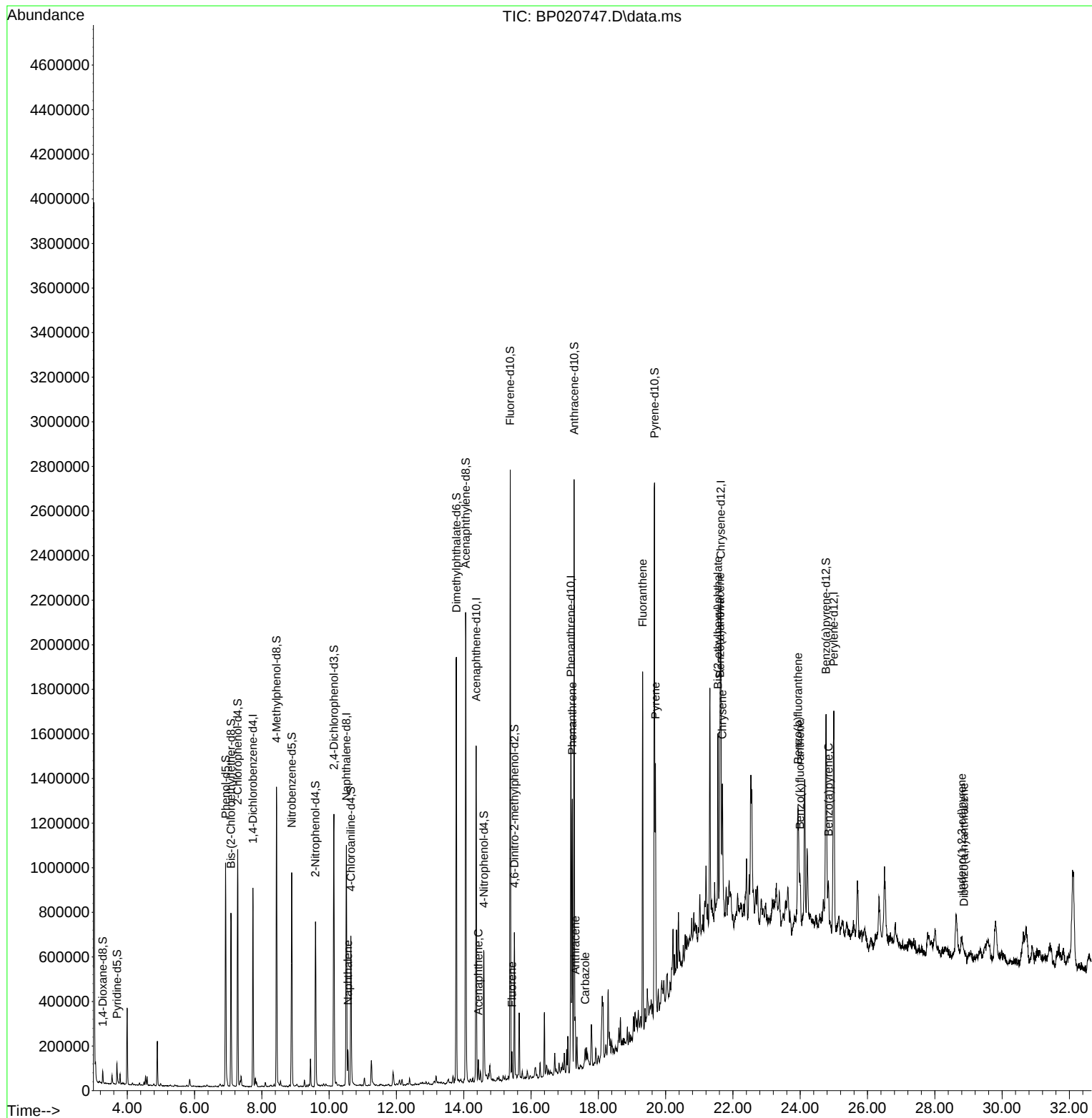
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020747.D
 Acq On : 02 Jul 2024 12:19
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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

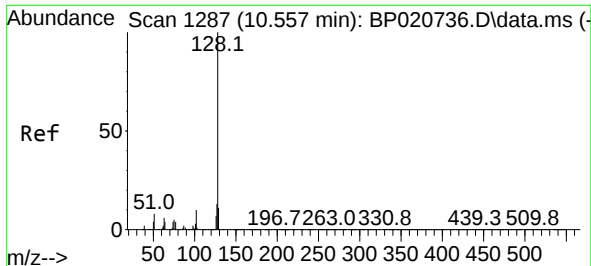
Instrument :
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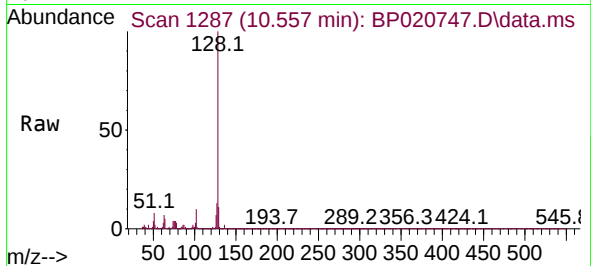
Quant Time: Jul 02 12:47:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.633 ng/ul
RT: 10.557 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

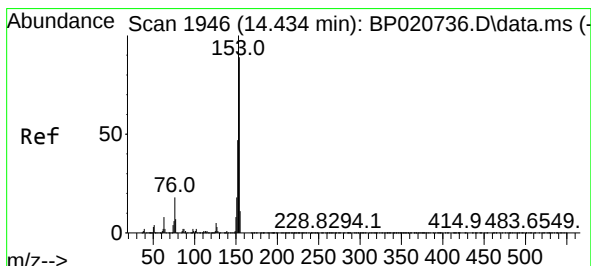
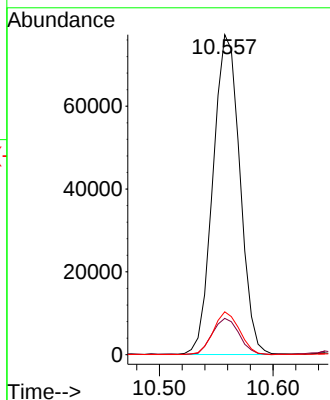
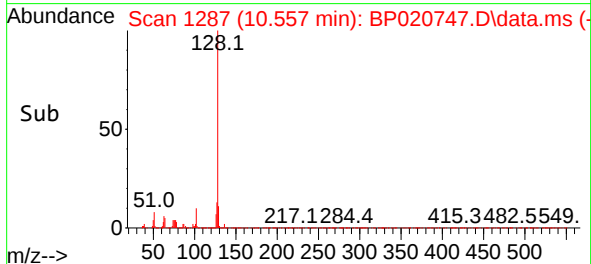
Instrument : BNA_P
ClientSampleId : A4B47



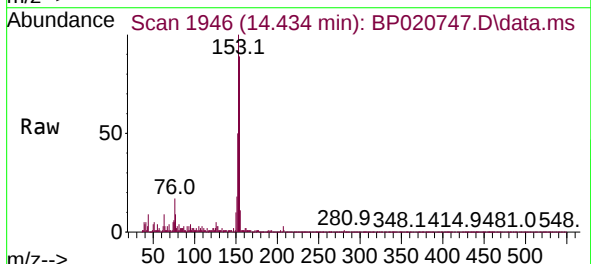
Tgt Ion:128 Resp: 127059
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.6 15.8

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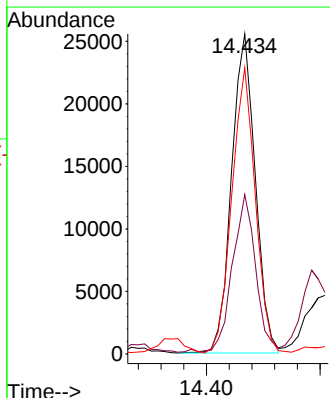
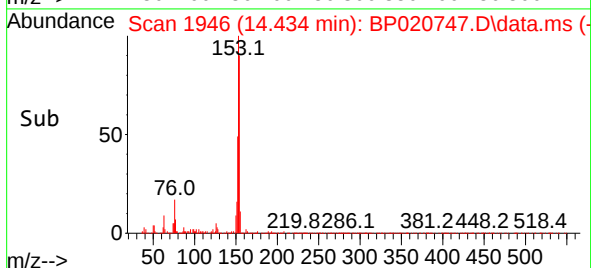
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

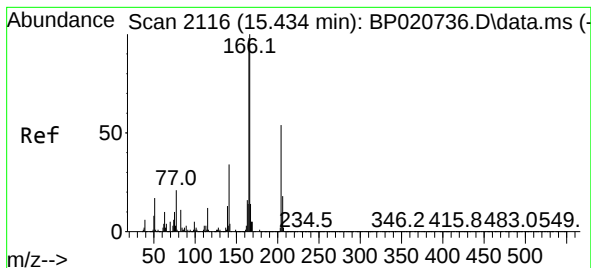


#52
Acenaphthene
Concen: 1.098 ng/ul
RT: 14.434 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19



Tgt Ion:153 Resp: 36933
Ion Ratio Lower Upper
153 100
152 49.8 38.2 57.2
154 89.5 69.8 104.6





#61

Fluorene

Concen: 1.315 ng/ul

RT: 15.434 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Instrument :

BNA_P

ClientSampleId :

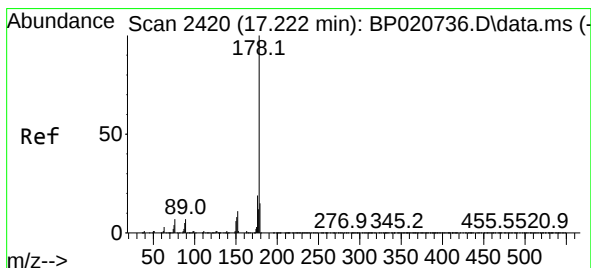
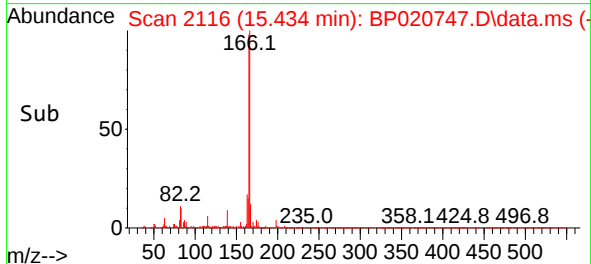
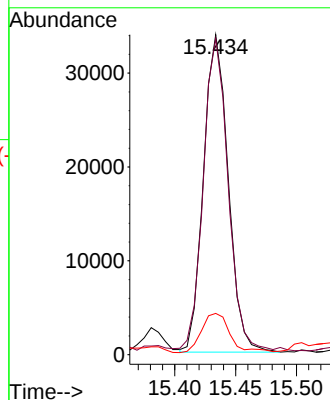
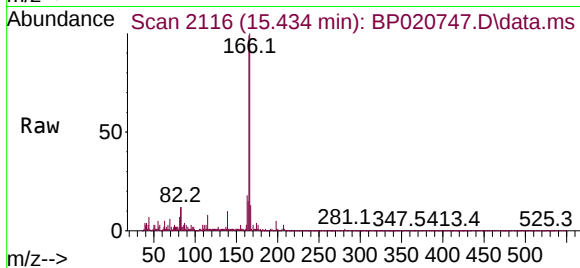
A4B47

Tgt Ion:	166	Resp:	4790
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.8	118.2
167	12.9	11.2	16.8

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#72

Phenanthrene

Concen: 13.799 ng/ul

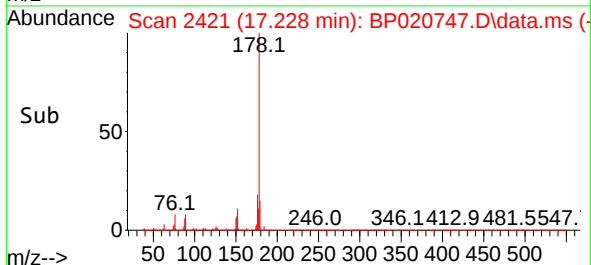
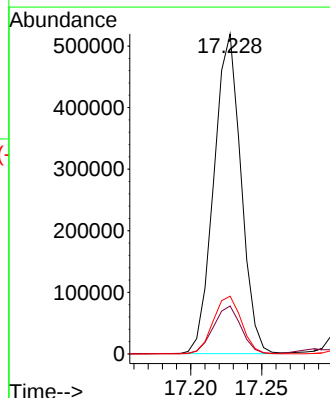
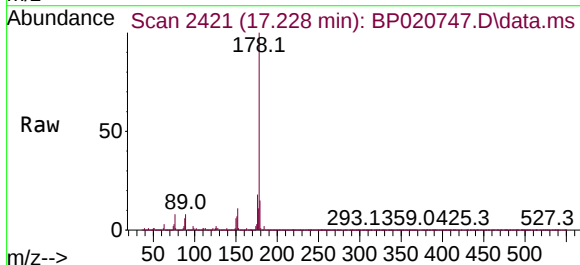
RT: 17.228 min Scan# 2421

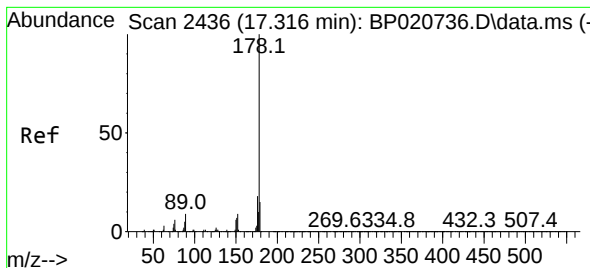
Delta R.T. 0.000 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Tgt Ion:	178	Resp:	689372
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.4	18.6
176	18.1	15.4	23.2





#74

Anthracene

Concen: 2.696 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Instrument :

BNA_P

ClientSampleId :

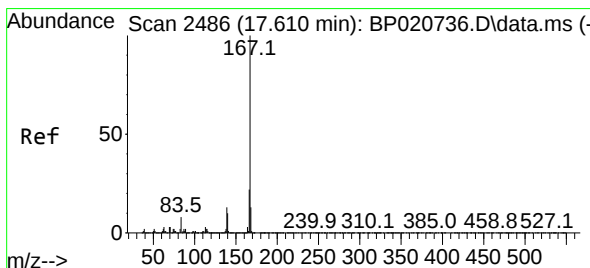
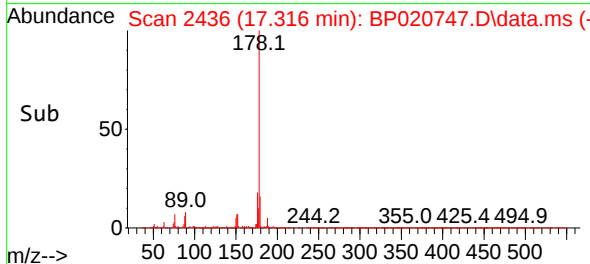
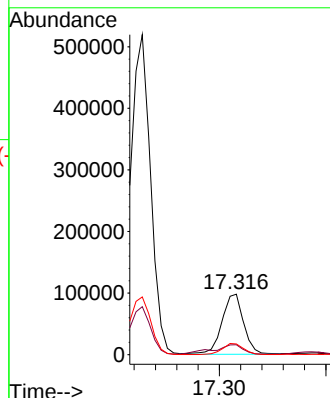
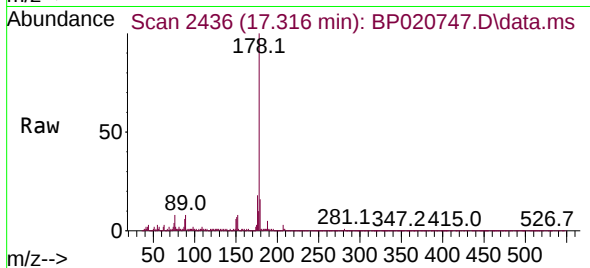
A4B47

Tgt Ion:	178	Resp:	13855
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.1	18.1
176	17.7	15.0	22.4

Manual Integrations

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#77

Carbazole

Concen: 1.300 ng/ul

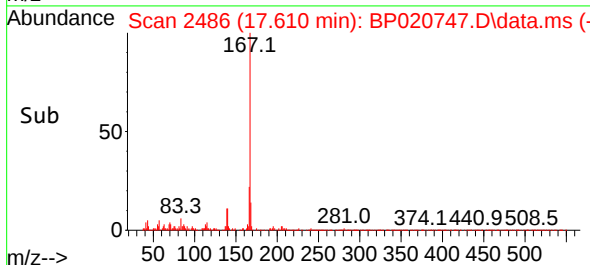
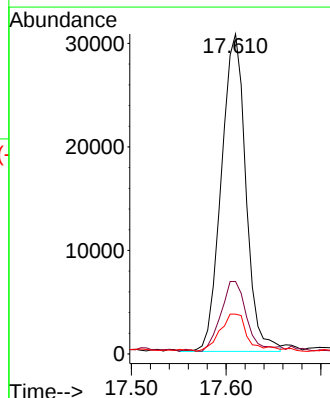
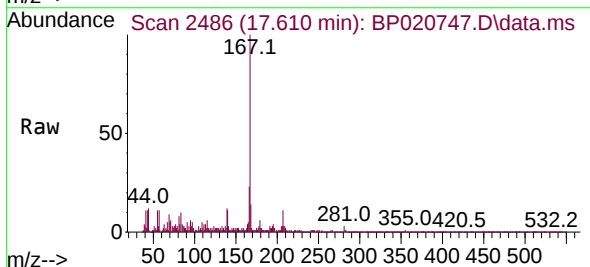
RT: 17.610 min Scan# 2486

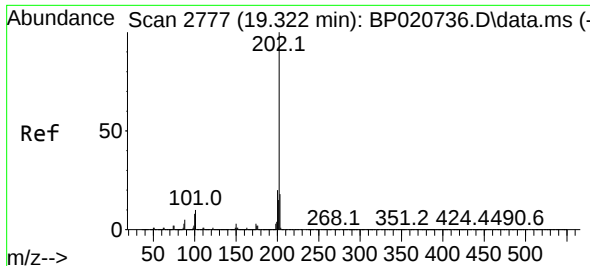
Delta R.T. 0.006 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

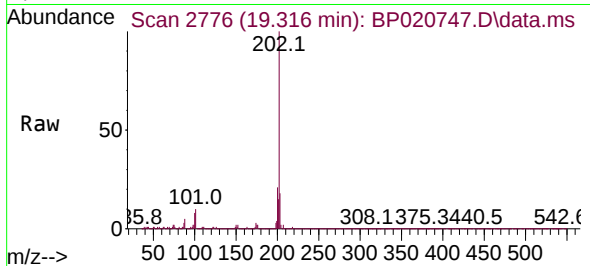
Tgt Ion:	167	Resp:	55134
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.2	25.8
139	12.5	10.6	16.0





#80
Fluoranthene
Concen: 16.619 ng/ul
RT: 19.316 min Scan# 2776
Delta R.T. -0.006 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

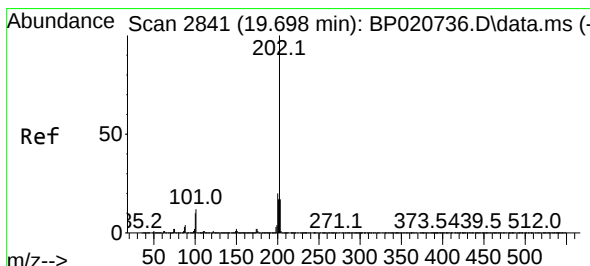
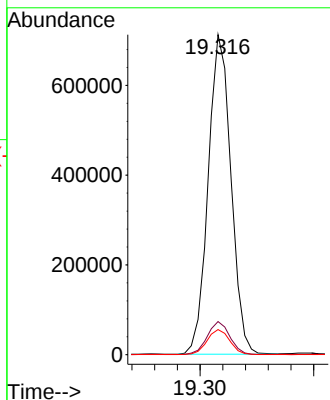
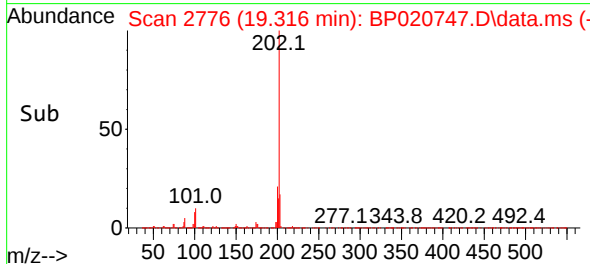
Instrument :
BNA_P
ClientSampleId :
A4B47



Tgt Ion:202 Resp: 993730
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.4
100 7.9 6.6 10.0

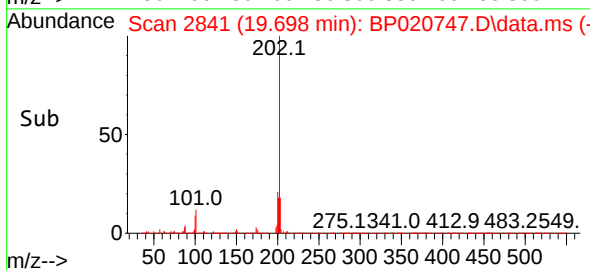
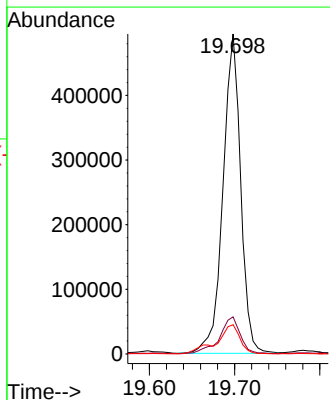
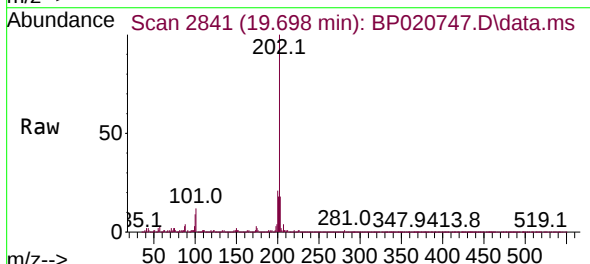
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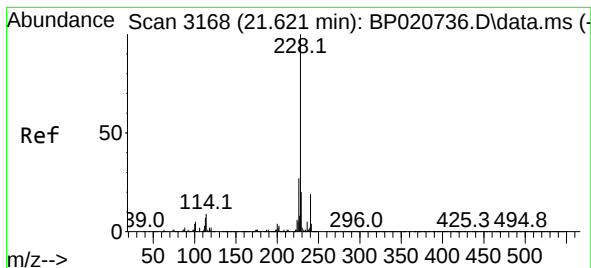
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 11.625 ng/ul
RT: 19.698 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

Tgt Ion:202 Resp: 712877
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 9.2 7.9 11.9





#85

Benzo(a)anthracene

Concen: 8.280 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Instrument :

BNP_P

ClientSampleId :

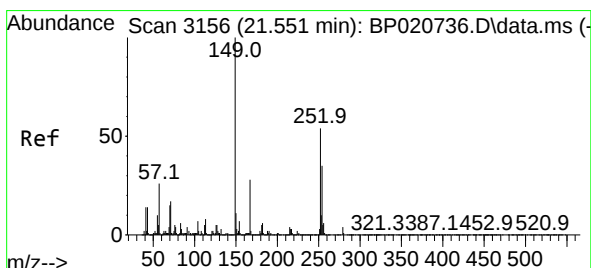
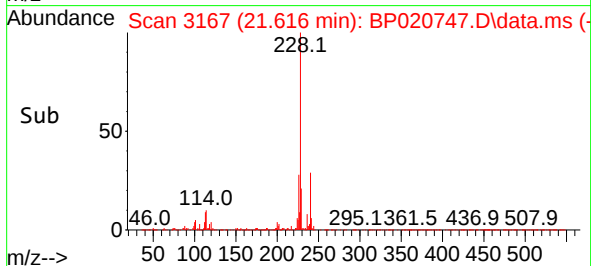
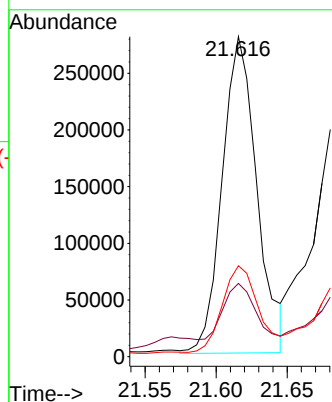
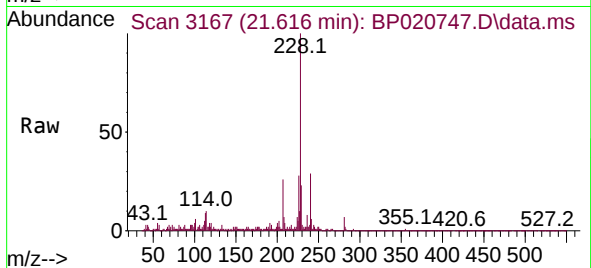
A4B47

Tgt Ion:	228	Resp:	472894
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.2	22.8
226	28.4	21.1	31.7

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 9.893 ng/ul

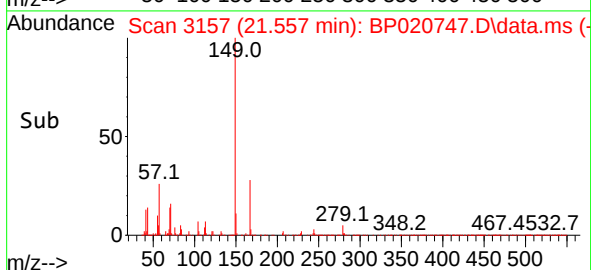
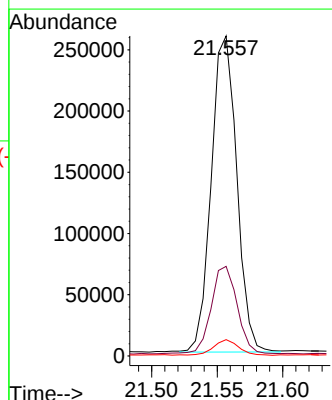
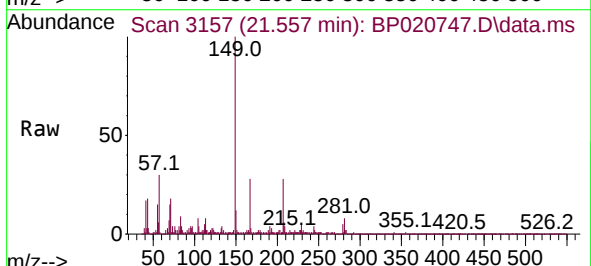
RT: 21.557 min Scan# 3157

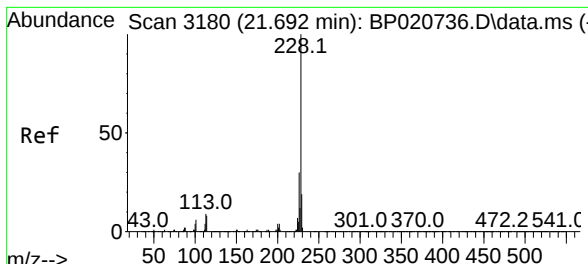
Delta R.T. -0.012 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Tgt Ion:	149	Resp:	349750
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.0	33.0
279	5.1	3.3	4.9





#87
Chrysene
Concen: 10.187 ng/ul m
RT: 21.686 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

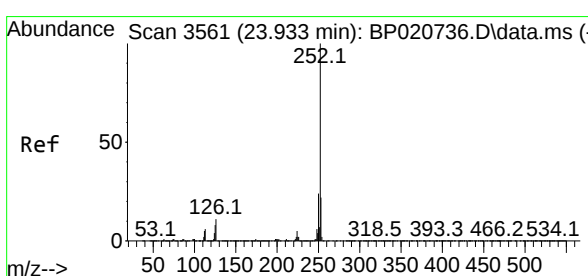
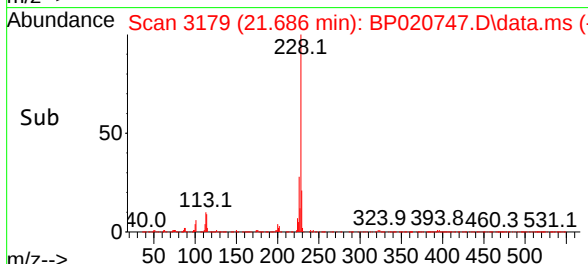
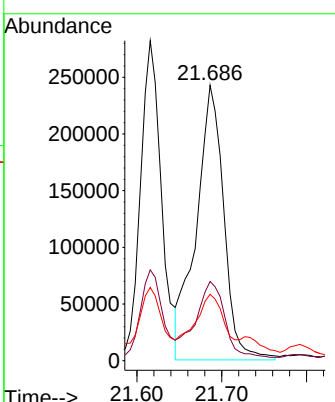
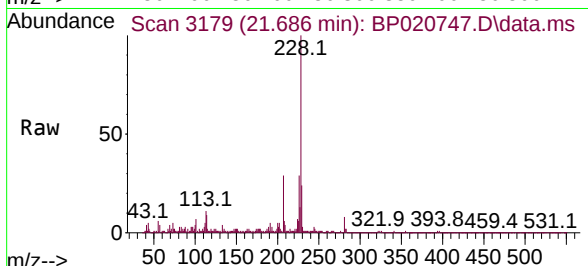
Instrument :
BNA_P
ClientSampleId :
A4B47

Tgt Ion:228 Resp: 549949

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.6
229	24.1	16.1	24.1

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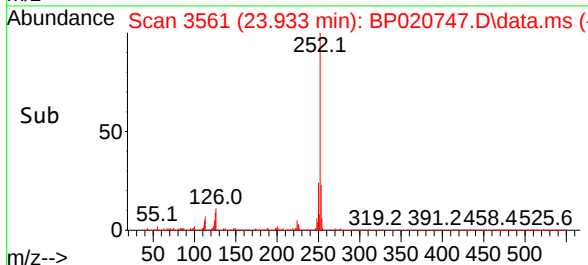
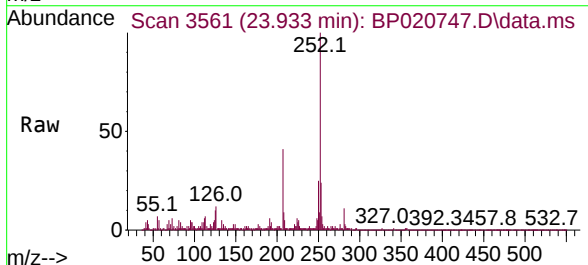
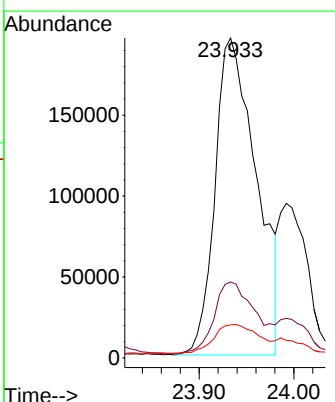
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

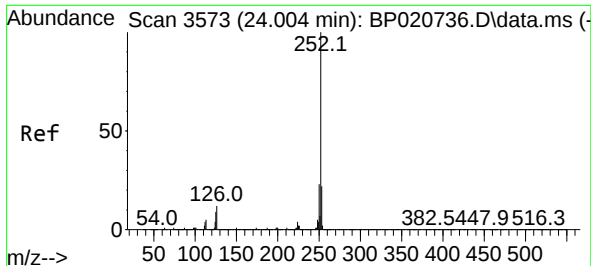


#90
Benzo(b)fluoranthene
Concen: 9.574 ng/ul
RT: 23.933 min Scan# 3561
Delta R.T. -0.006 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

Tgt Ion:252 Resp: 593811

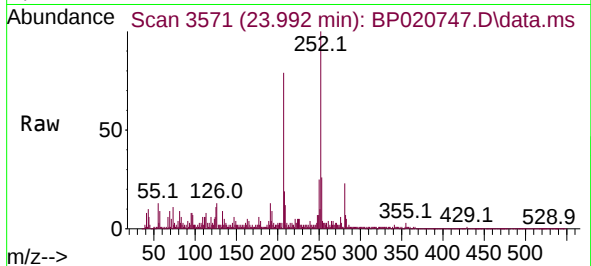
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	10.3	7.9	11.9





#91
Benzo(k)fluoranthene
Concen: 2.967 ng/ul
RT: 23.992 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

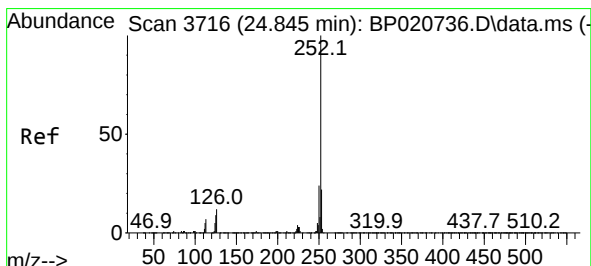
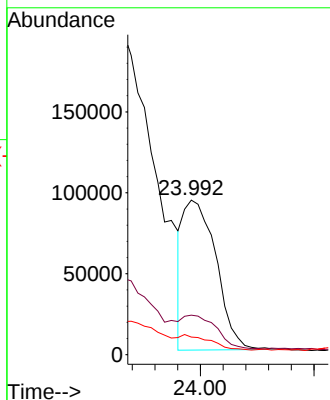
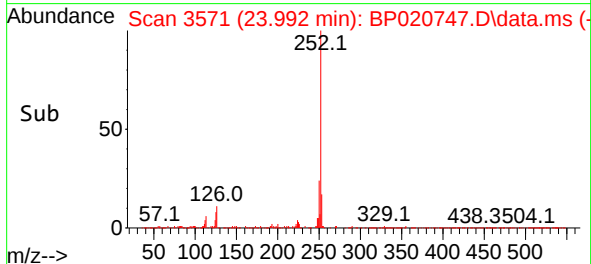
Instrument :
BNA_P
ClientSampleId :
A4B47



Tgt Ion:252 Resp: 186179
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 11.4 7.9 11.9

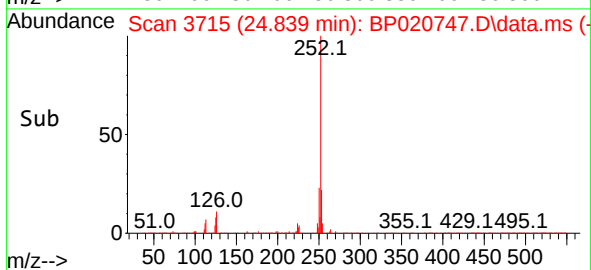
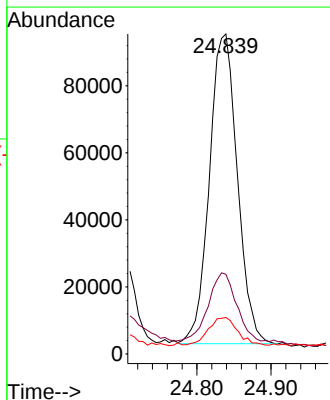
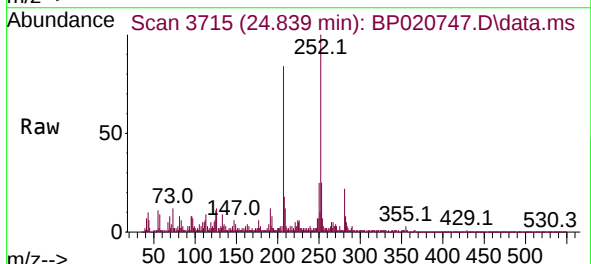
Manual Integrations
APPROVED

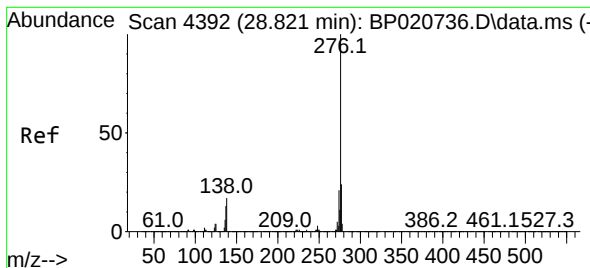
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93
Benzo(a)pyrene
Concen: 4.141 ng/ul
RT: 24.839 min Scan# 3715
Delta R.T. -0.006 min
Lab File: BP020747.D
Acq: 02 Jul 2024 12:19

Tgt Ion:252 Resp: 242462
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.2
125 11.4 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.706 ng/ul m

RT: 28.804 min Scan# 4392

Delta R.T. -0.012 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Instrument :

BNA_P

ClientSampleId :

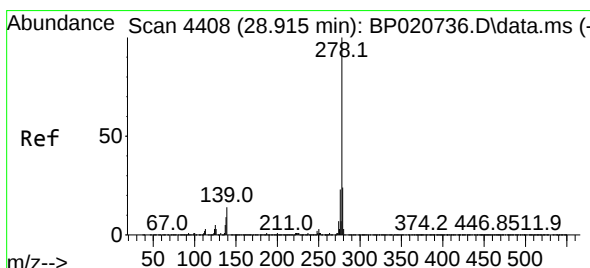
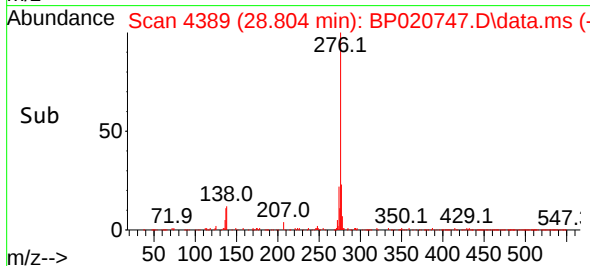
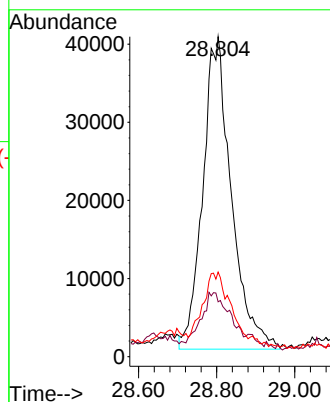
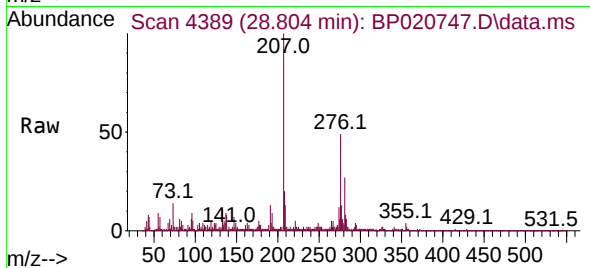
A4B47

Tgt Ion:276 Resp: 203248
Ion Ratio Lower Upper
276 100
138 17.2 15.2 22.8
277 26.5 19.0 28.4

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.360 ng/ul m

RT: 28.868 min Scan# 4400

Delta R.T. -0.029 min

Lab File: BP020747.D

Acq: 02 Jul 2024 12:19

Tgt Ion:278 Resp: 83920
Ion Ratio Lower Upper
278 100
139 21.5 11.1 16.7#
279 35.2 18.7 28.1#

