

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013007.D
 Acq On : 09 Dec 2022 04:29
 Operator : CG/JU
 Sample : N5726-08 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXP0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 06:51:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	807817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3518502	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2360245	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	5239781	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	4919527	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	5019442	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7107m	0.376	ng/uL	0.00
4) Pyridine-d5	3.799	84	70658	1.317	ng/u1	0.01
7) Phenol-d5	7.128	99	145663	2.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	94311	2.376	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	119296	2.303	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	116548	2.162	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	52110	2.016	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	58089	1.996	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	127354	2.253	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	144318	1.808	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	448514	2.473	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	465752	2.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	35433	1.086	ng/u1	0.00
60) Fluorene-d10	15.604	176	408607	2.663	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	34818	1.033	ng/u1	0.00
73) Anthracene-d10	17.475	188	643862	2.724	ng/u1	0.00
81) Pyrene-d10	19.698	212	760155	2.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	665639	2.661	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.840	128	336684	1.830	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	228657	1.811	ng/u1	96
50) Acenaphthylene	14.334	152	281021	1.311	ng/u1	100
52) Acenaphthene	14.675	153	737478	4.966	ng/u1	100
61) Fluorene	15.663	166	2582528	15.252	ng/u1	100
72) Phenanthrene	17.416	178	10446224	38.276	ng/u1	99
74) Anthracene	17.504	178	23007097m	84.427	ng/u1	
80) Fluoranthene	19.369	202	17362900m	54.175	ng/u1	
82) Pyrene	19.727	202	16408049	49.630	ng/u1#	89
85) Benzo(a)anthracene	21.439	228	7229869	22.138	ng/u1	98
87) Chrysene	21.498	228	11454078	37.087	ng/u1	97
90) Benzo(b)fluoranthene	23.186	252	9439343	29.491	ng/u1	98
91) Benzo(k)fluoranthene	23.233	252	2550083m	8.035	ng/u1	
93) Benzo(a)pyrene	23.833	252	3891234	13.962	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.545	276	1815242	5.229	ng/u1	96
95) Dibenzo(a,h)anthracene	26.551	278	478711	1.666	ng/u1#	90
96) Benzo(g,h,i)perylene	27.345	276	1236022	4.435	ng/u1	99

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

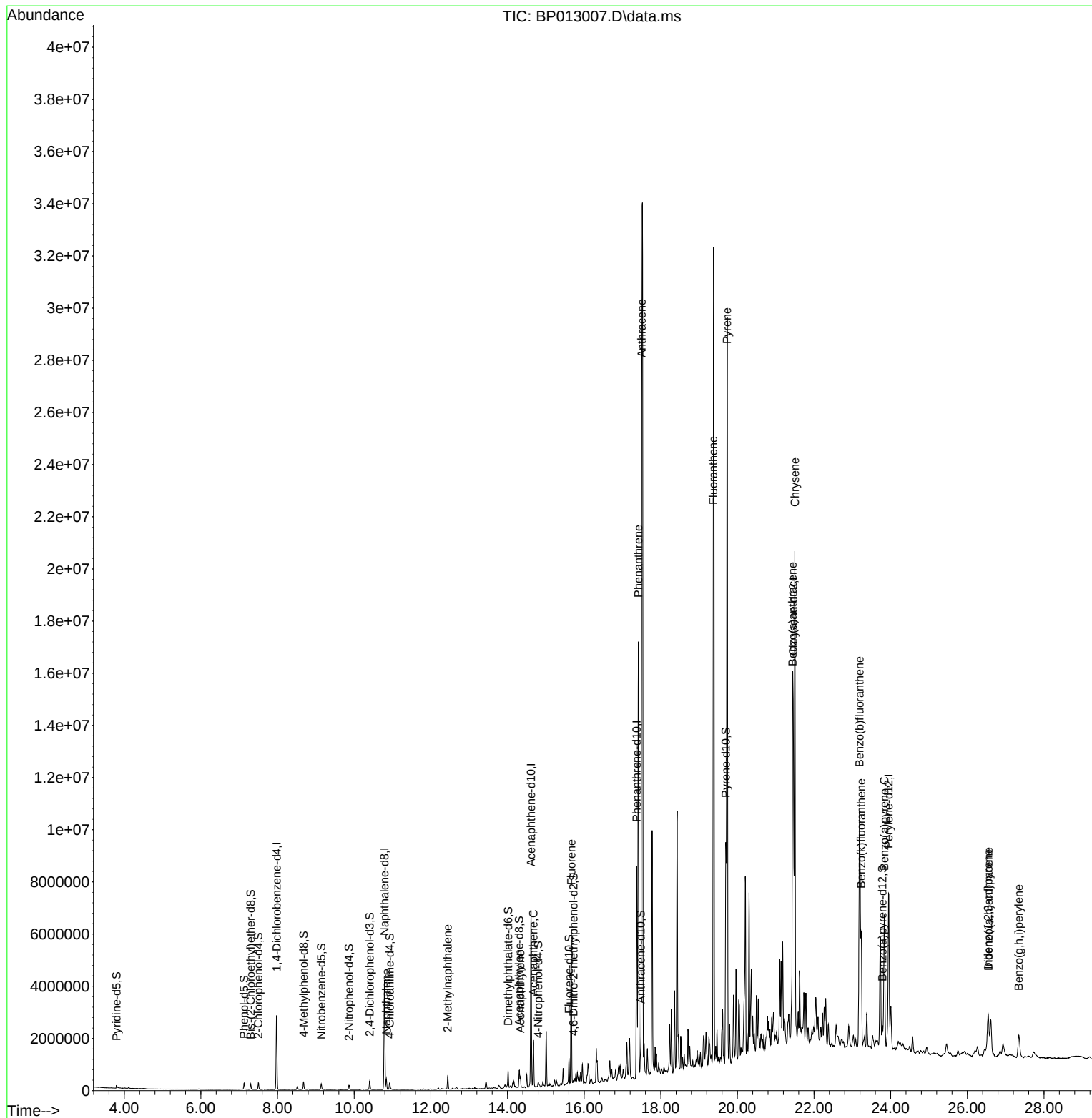
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013007.D
Acq On : 09 Dec 2022 04:29
Operator : CG/JU
Sample : N5726-08 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

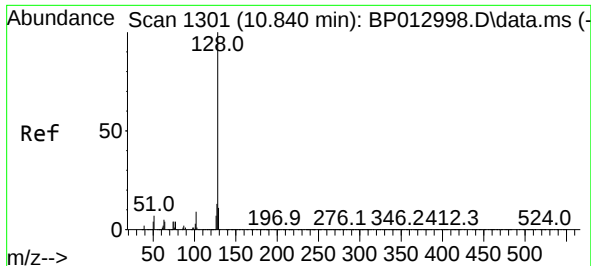
Instrument :
BNA_P
ClientSampleId :
DBXP0

Quant Time: Dec 09 06:51:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

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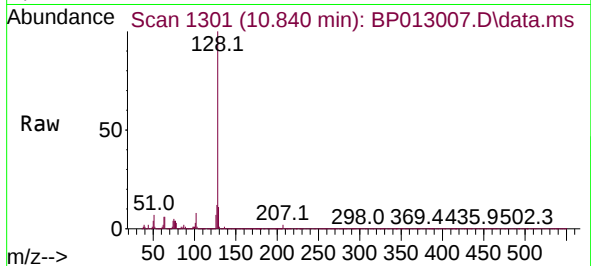
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 1.830 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29

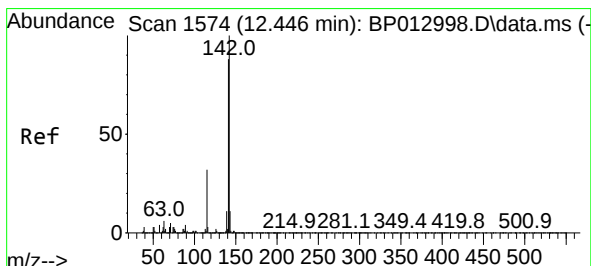
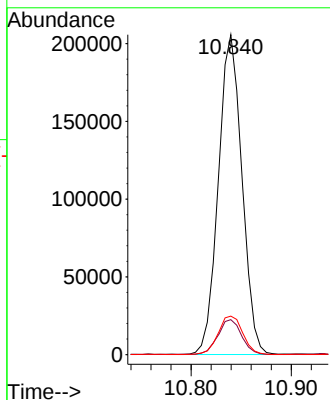
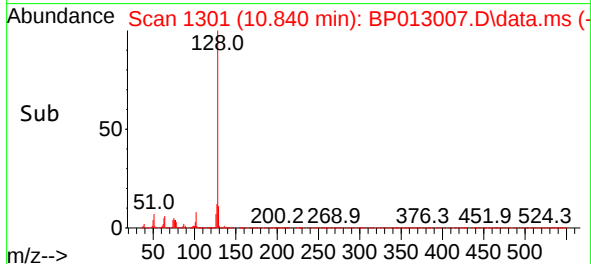
Instrument :
BNA_P
ClientSampleId :
DBXP0



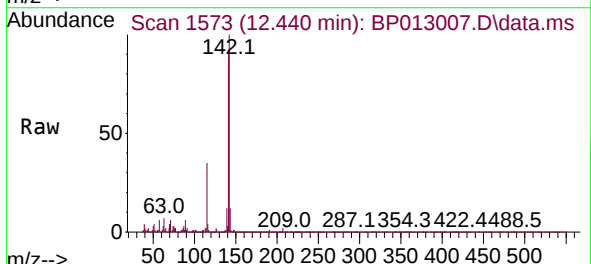
Tgt Ion:128 Resp: 336684
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.0 10.4 15.6

Manual Integrations
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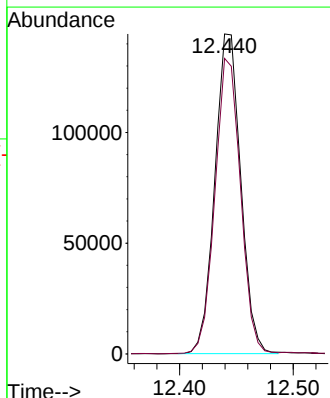
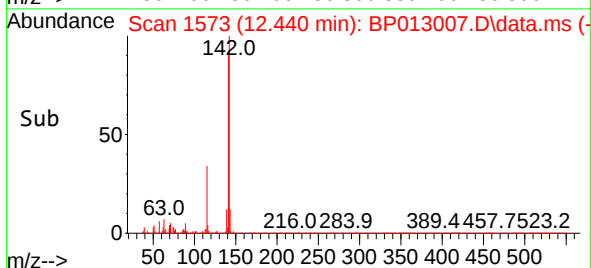
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

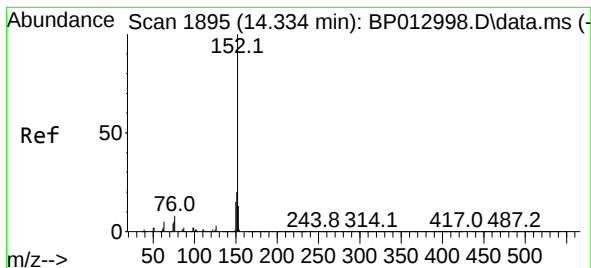


#36
2-Methylnaphthalene
Concen: 1.811 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29



Tgt Ion:142 Resp: 228657
Ion Ratio Lower Upper
142 100
141 92.3 70.8 106.2





#50

Acenaphthylene

Concen: 1.311 ng/ul

RT: 14.334 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

Instrument :

BNA_P

ClientSampleId :

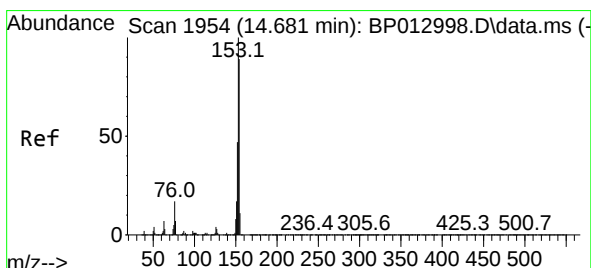
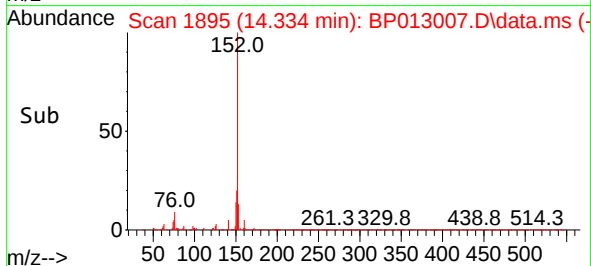
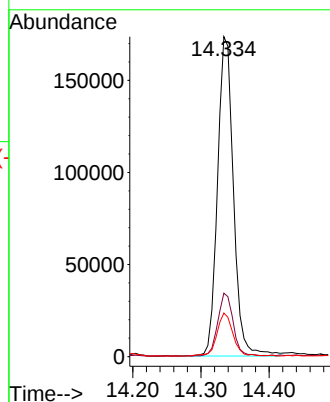
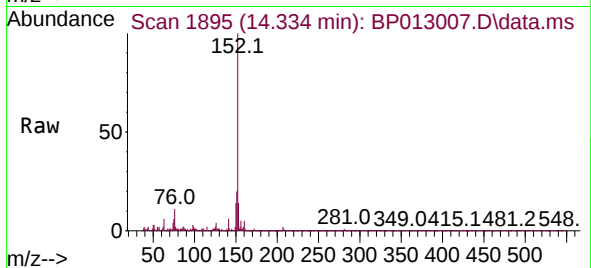
DBXP0

Tgt Ion:	152	Resp:	28102
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.6
153	13.6	10.6	16.0

Manual Integrations

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#52

Acenaphthene

Concen: 4.966 ng/ul

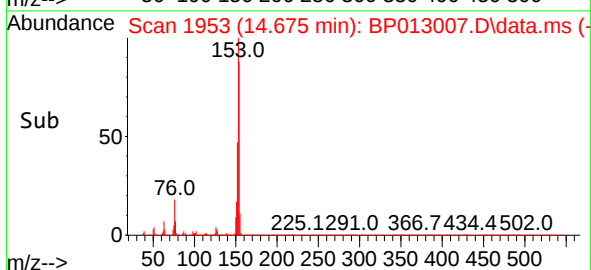
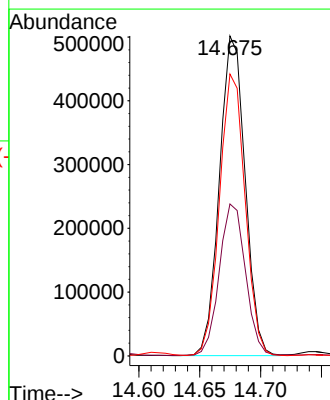
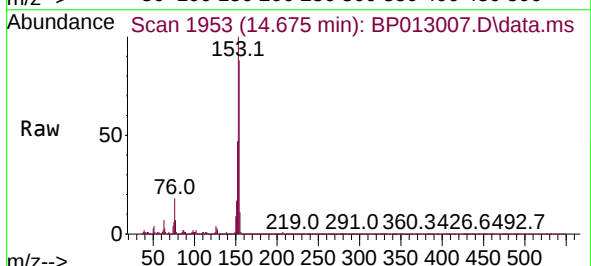
RT: 14.675 min Scan# 1953

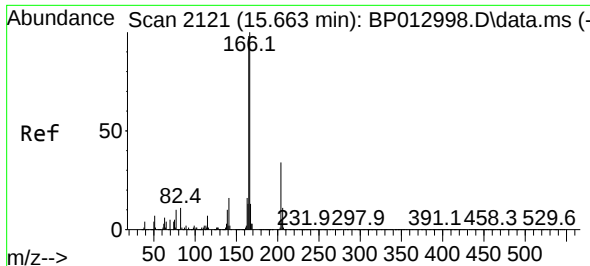
Delta R.T. -0.006 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

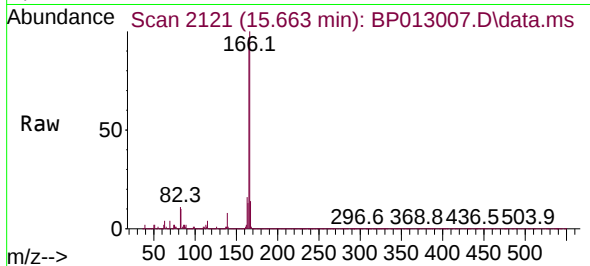
Tgt Ion:	153	Resp:	737478
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.4
154	88.1	70.8	106.2





#61
Fluorene
Concen: 15.252 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29

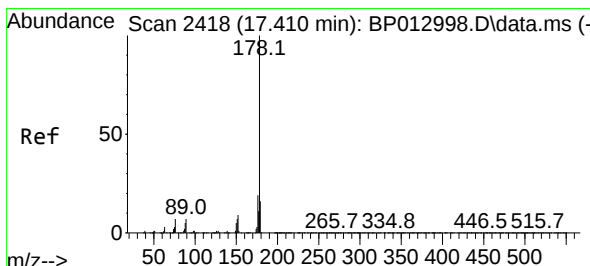
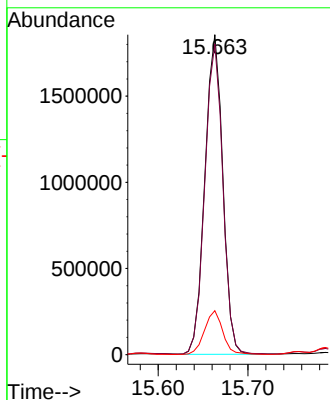
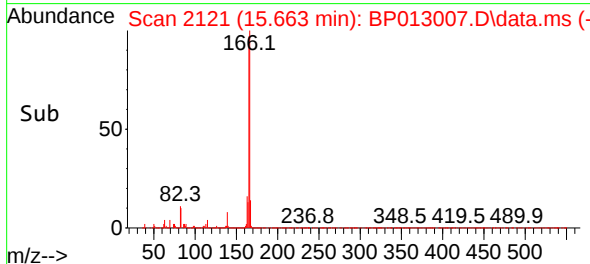
Instrument :
BNA_P
ClientSampleId :
DBXP0



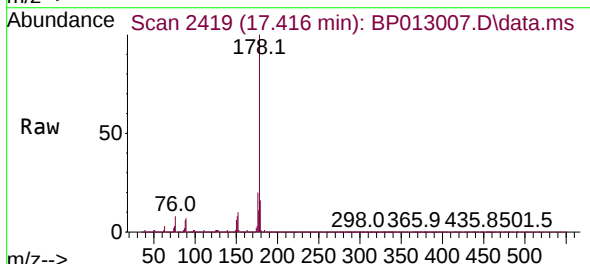
Tgt Ion:166 Resp: 2582528
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.2
167 13.7 10.6 16.0

Manual Integrations
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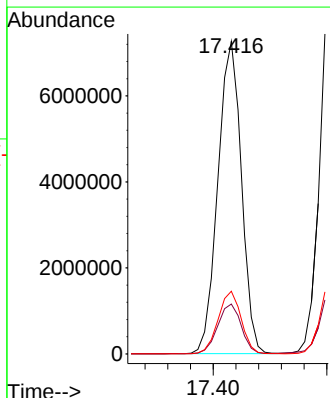
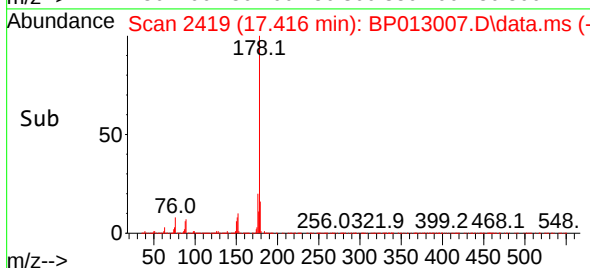
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

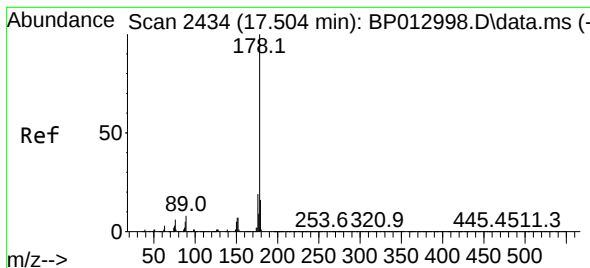


#72
Phenanthrene
Concen: 38.276 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29



Tgt Ion:178 Resp:10446224
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 20.0 15.4 23.0





#74

Anthracene

Concen: 84.427 ng/ul m

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

Instrument :

BNA_P

ClientSampleId :

DBXP0

Tgt Ion:178 Resp:2300709

Ion Ratio Lower Upper

178 100

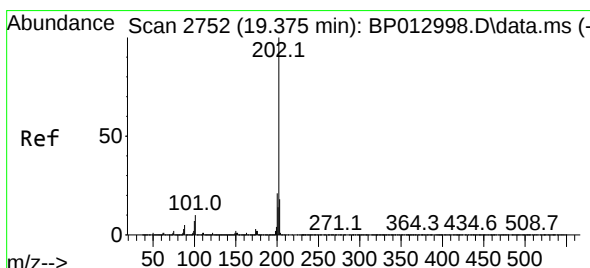
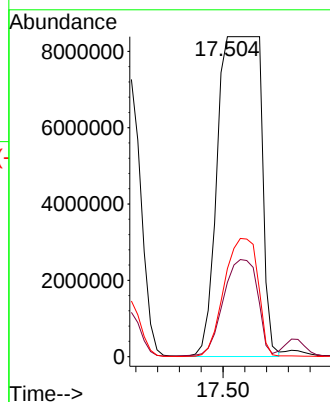
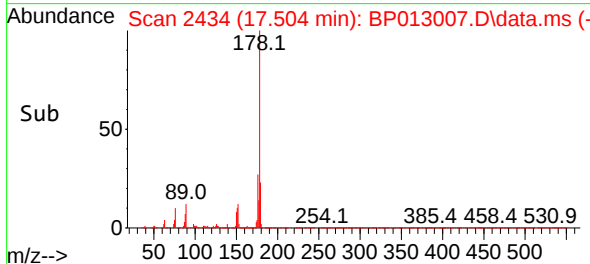
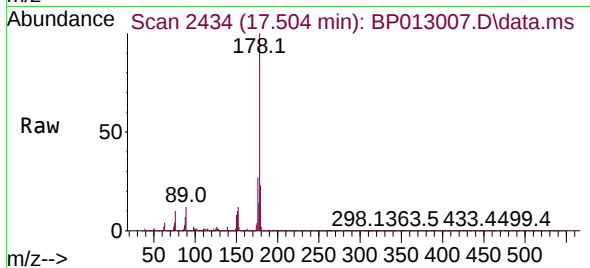
179 23.2 12.5 18.7

176 27.5 14.8 22.2

Manual Integrations

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#80

Fluoranthene

Concen: 54.175 ng/ul m

RT: 19.369 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

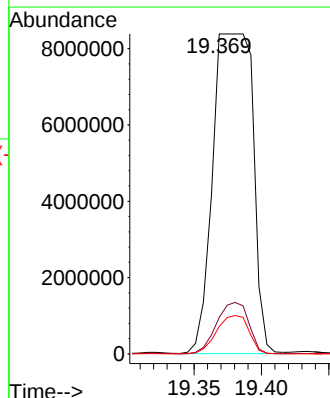
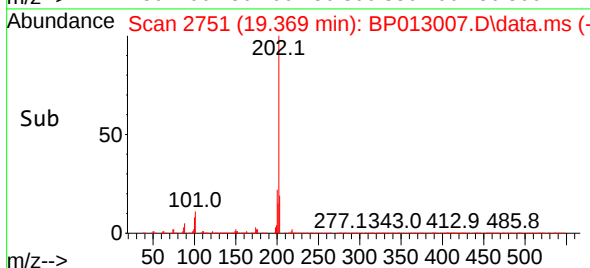
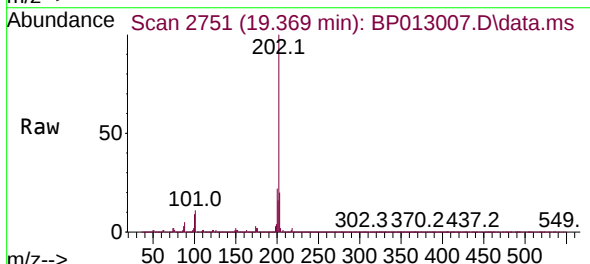
Tgt Ion:202 Resp:17362900

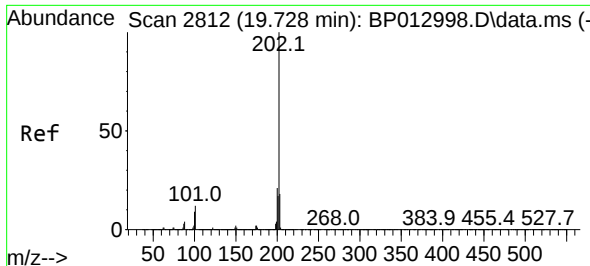
Ion Ratio Lower Upper

202 100

101 11.4 8.2 12.2

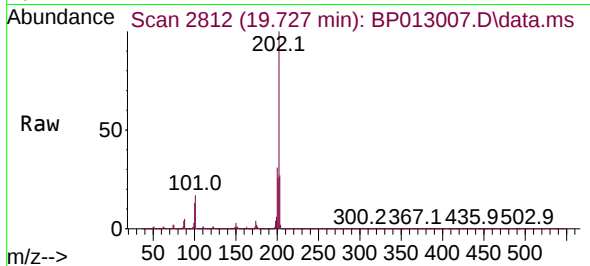
100 8.6 6.1 9.1





#82
Pyrene
Concen: 49.630 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29

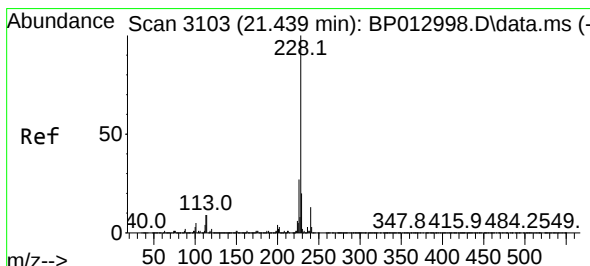
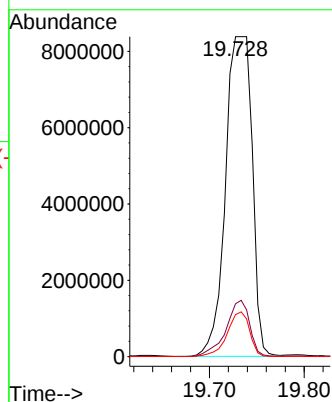
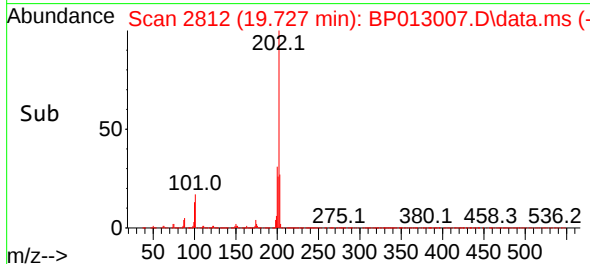
Instrument :
BNA_P
ClientSampleId :
DBXP0



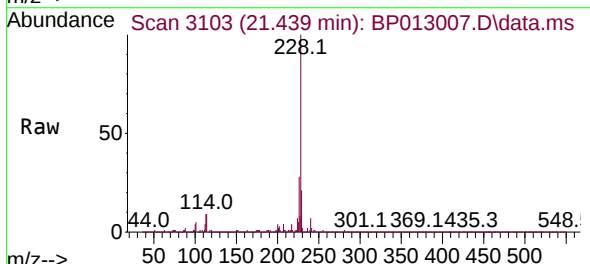
Tgt Ion:202 Resp:16408049
Ion Ratio Lower Upper
202 100
101 16.5 9.4 14.2
100 13.2 7.8 11.8

Manual Integrations
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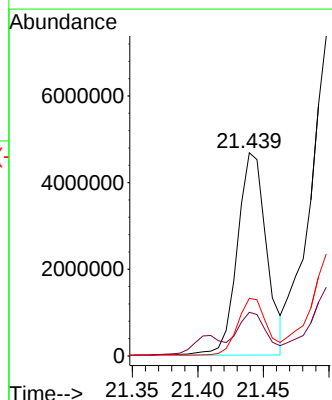
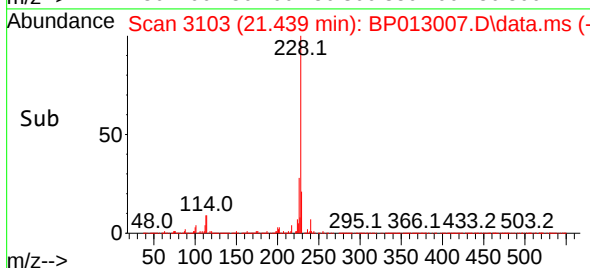
Reviewed By :Jagrut Upadhyay 12/09/2022
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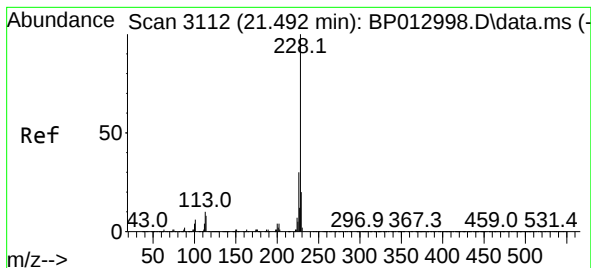


#85
Benzo(a)anthracene
Concen: 22.138 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29



Tgt Ion:228 Resp: 7229869
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.3 22.0 33.0





#87

Chrysene

Concen: 37.087 ng/ul

RT: 21.498 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

Instrument :

BNA_P

ClientSampleId :

DBXP0

Tgt Ion:228 Resp:11454078

Ion Ratio Lower Upper

228 100

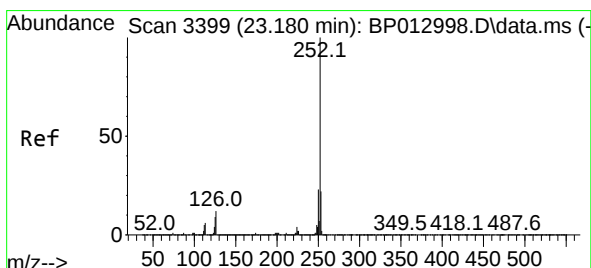
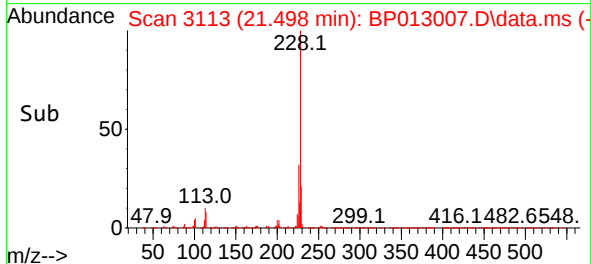
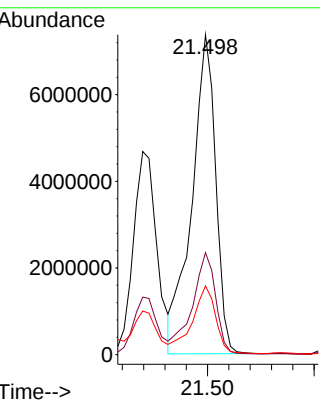
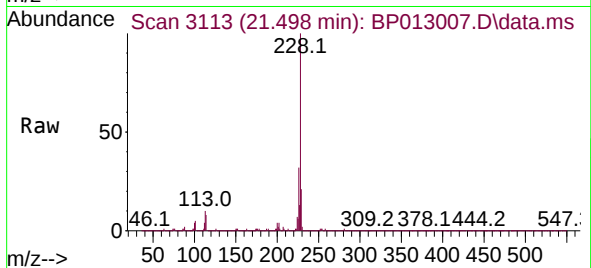
226 31.9 24.5 36.7

229 21.5 16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#90

Benzo(b)fluoranthene

Concen: 29.491 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

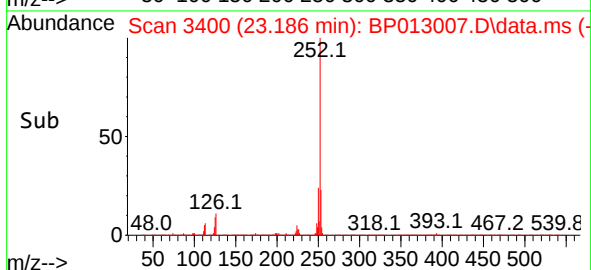
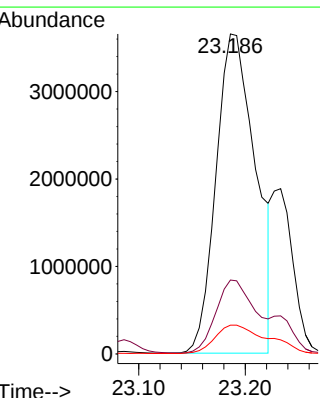
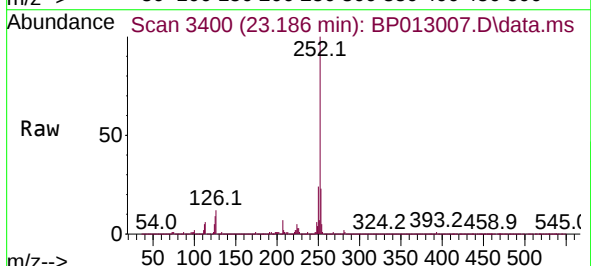
Tgt Ion:252 Resp: 9439343

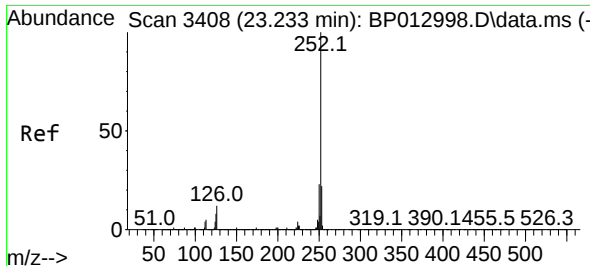
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

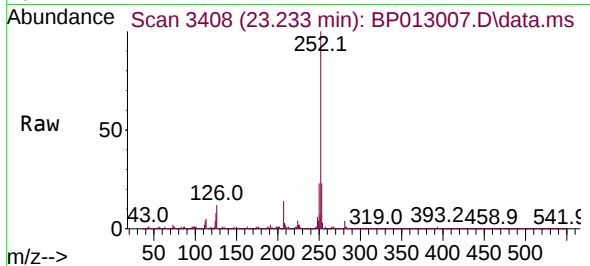
125 9.0 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 8.035 ng/ul m
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29

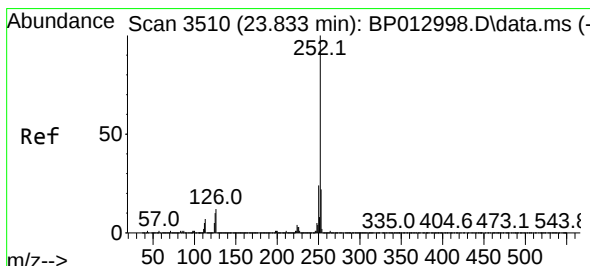
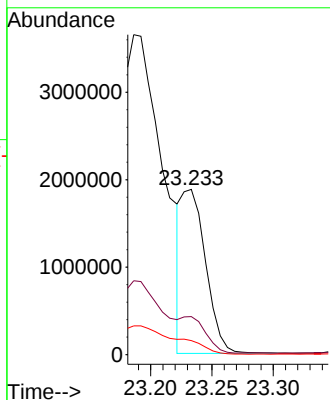
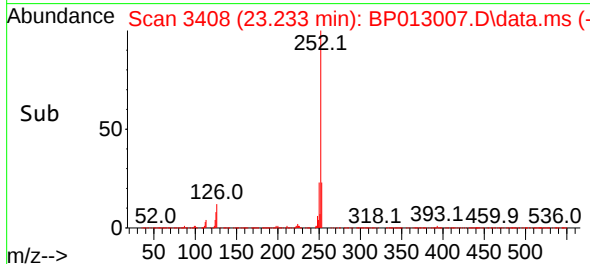
Instrument :
BNA_P
ClientSampleId :
DBXP0



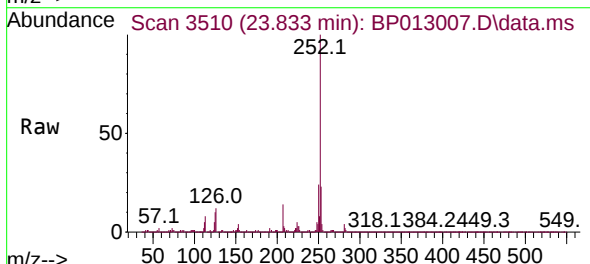
Tgt Ion:252 Resp: 2550083
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 8.5 6.8 10.2

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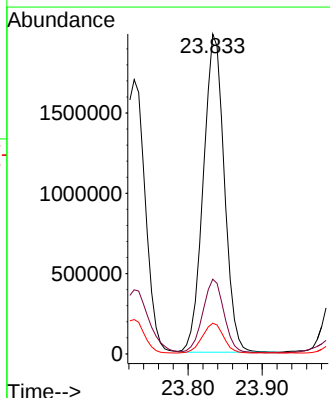
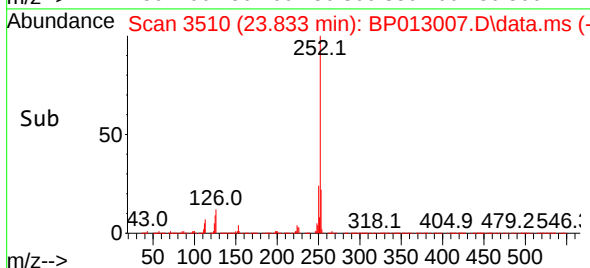
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

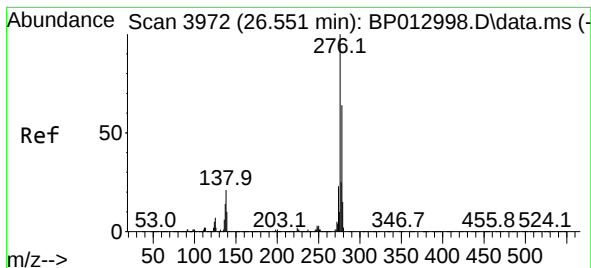


#93
Benzo(a)pyrene
Concen: 13.962 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013007.D
Acq: 09 Dec 2022 04:29



Tgt Ion:252 Resp: 3891234
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.6 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.229 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

Instrument :

BNA_P

ClientSampleId :

DBXP0

Tgt Ion:276 Resp: 181524

Ion Ratio Lower Upper

276 100

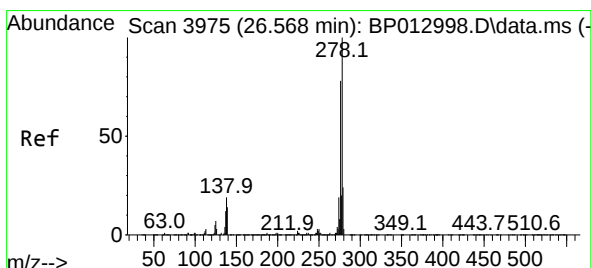
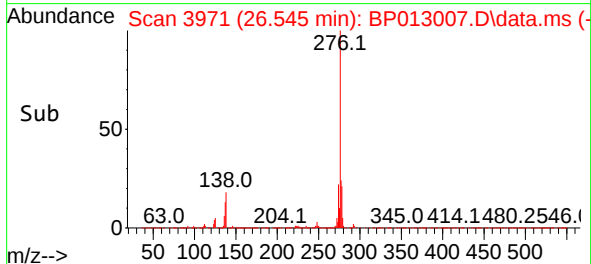
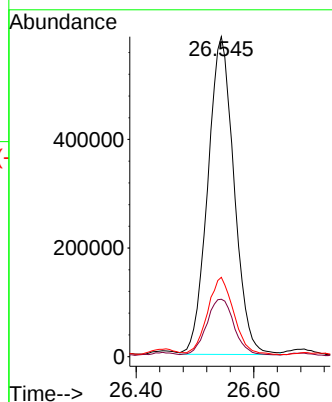
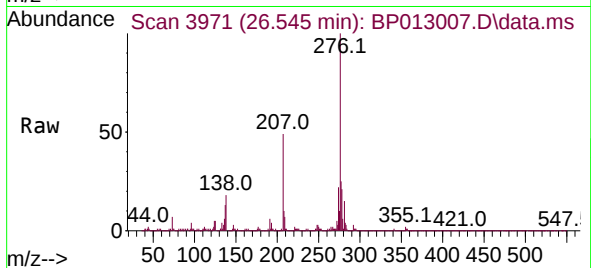
138 17.9 17.1 25.7

277 24.8 20.0 30.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.666 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. -0.018 min

Lab File: BP013007.D

Acq: 09 Dec 2022 04:29

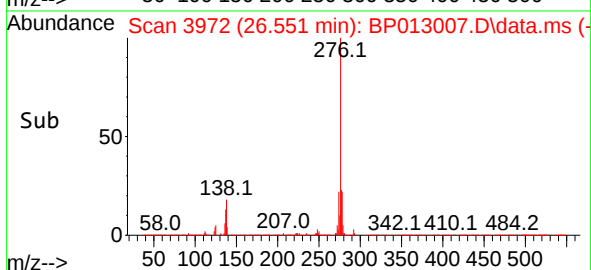
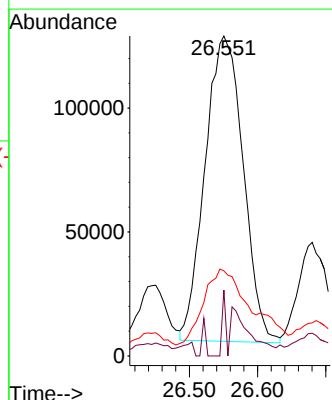
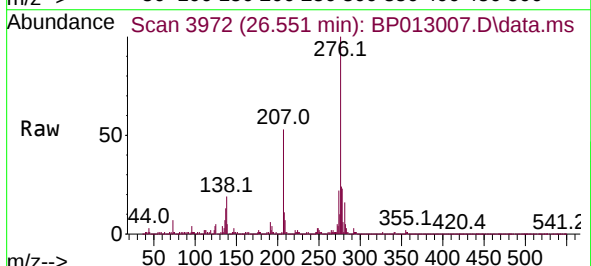
Tgt Ion:278 Resp: 478711

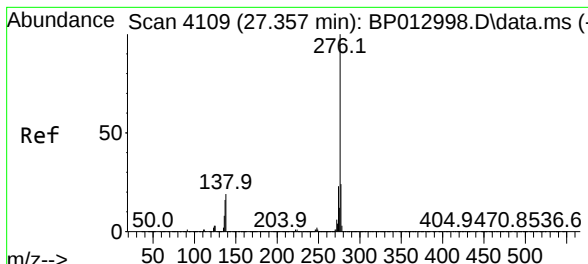
Ion Ratio Lower Upper

278 100

139 20.6 11.1 16.7#

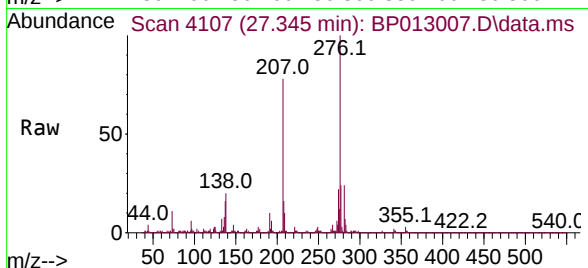
279 26.6 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 4.435 ng/ul
 RT: 27.345 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP013007.D
 Acq: 09 Dec 2022 04:29

Instrument :
 BNA_P
 ClientSampleId :
 DBXP0



Tgt Ion: 276 Resp: 1236022
 Ion Ratio Lower Upper
 276 100
 138 19.8 15.4 23.2
 277 23.7 19.1 28.7

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 12/09/2022
 Supervised By : mohammad ahmed 12/10/2022

