

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016626.D
 Acq On : 17 Aug 2023 04:52
 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48N6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 05:30:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	451436	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	2167572	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	1411787	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	3207113	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	2785841	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	2681245	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	25128m	2.115	ng/uL	0.00
4) Pyridine-d5	3.840	84	40518	1.121	ng/u1	0.01
7) Phenol-d5	7.193	99	445379	10.701	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	272879	9.955	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	317208	10.611	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	326688	9.872	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	164179	10.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	163945	11.318	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	319173	11.196	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	176982	3.618	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1045615	10.240	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1212229	10.518	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	171862	8.262	ng/u1	0.00
60) Fluorene-d10	15.698	176	953107	10.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	57090	3.742	ng/u1	0.00
73) Anthracene-d10	17.569	188	1525442	10.996	ng/u1	0.00
81) Pyrene-d10	19.804	212	1845307	12.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1444271	11.240	ng/u1	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.905	105	150228	2.811	ng/u1	100
50) Acenaphthylene	14.434	152	308549	2.273	ng/u1	100
72) Phenanthrene	17.516	178	176687	1.046	ng/u1	97
74) Anthracene	17.604	178	258955	1.526	ng/u1	98
80) Fluoranthene	19.475	202	1653082	9.488	ng/u1	99
82) Pyrene	19.833	202	1525513	8.292	ng/u1	98
85) Benzo(a)anthracene	21.551	228	1490738	7.962	ng/u1	97
87) Chrysene	21.610	228	1568791m	8.954	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	2385282	14.941	ng/u1#	92
91) Benzo(k)fluoranthene	23.398	252	724418m	4.574	ng/u1	
93) Benzo(a)pyrene	24.039	252	832370	5.527	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.898	276	746658	4.201	ng/u1	98
95) Dibenzo(a,h)anthracene	26.915	278	219267	1.482	ng/u1	93
96) Benzo(g,h,i)perylene	27.762	276	594345	4.201	ng/u1	97

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

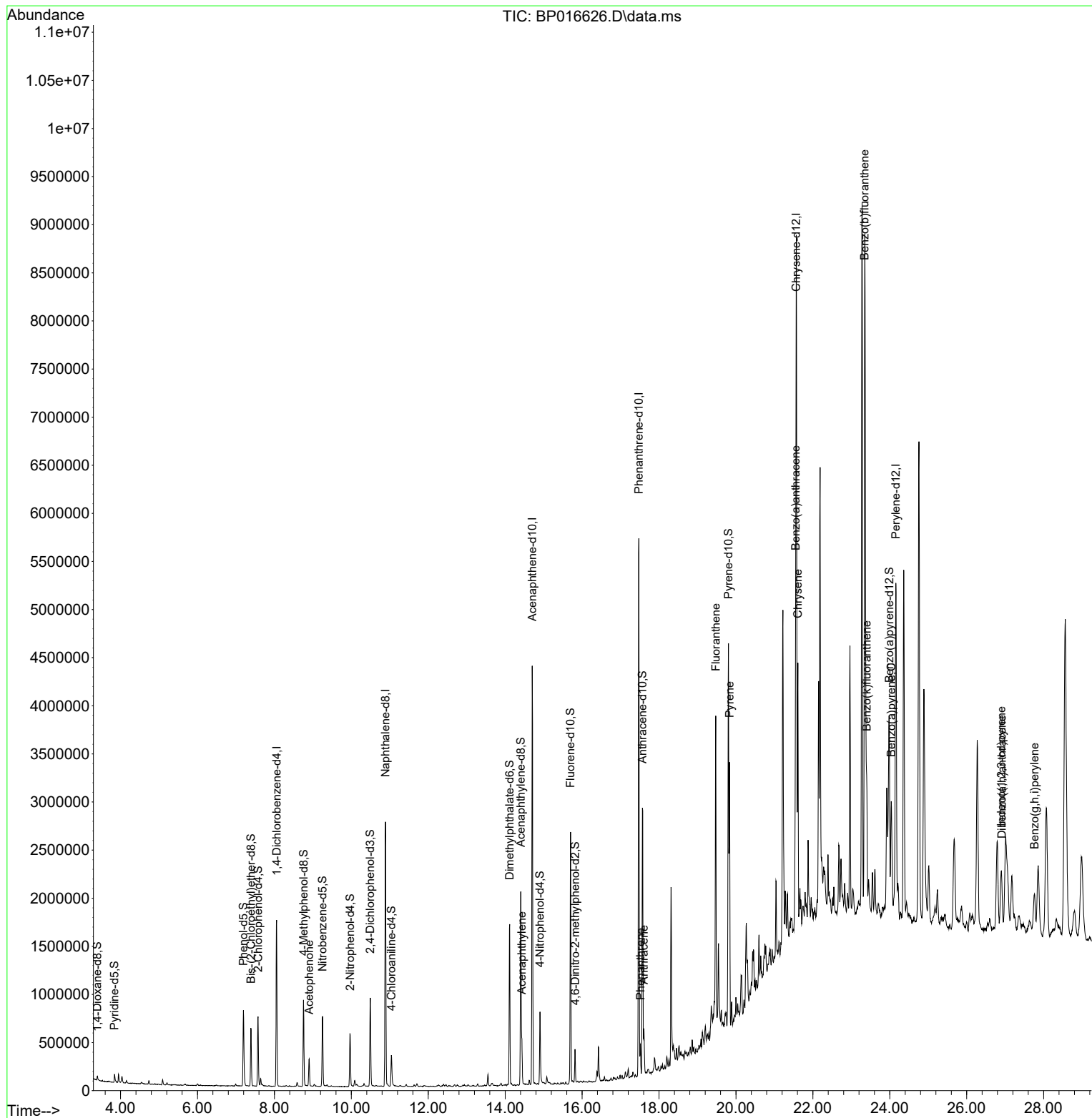
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016626.D
 Acq On : 17 Aug 2023 04:52
 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

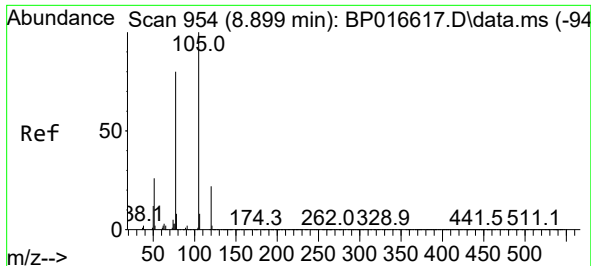
Instrument :
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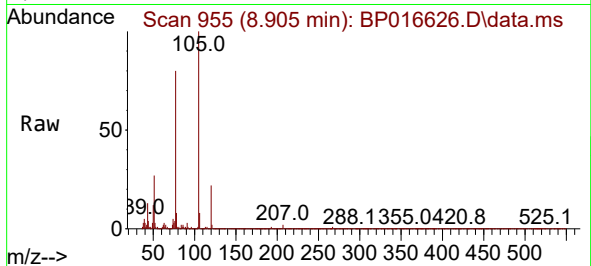
Quant Time: Aug 17 05:30:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
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#16
Acetophenone
Concen: 2.811 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP016626.D
Acq: 17 Aug 2023 04:52

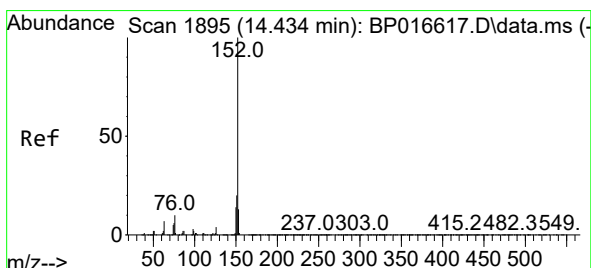
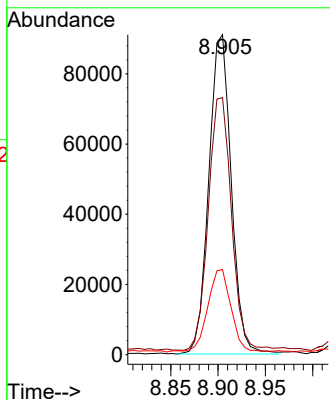
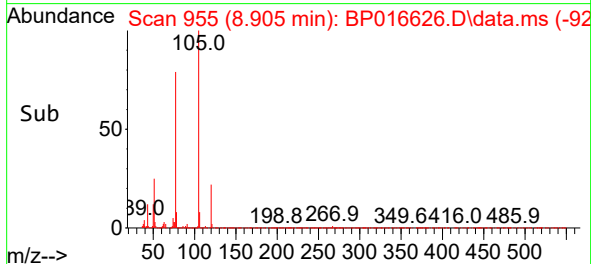
Instrument :
BNA_P
ClientSampleId :
A48N6



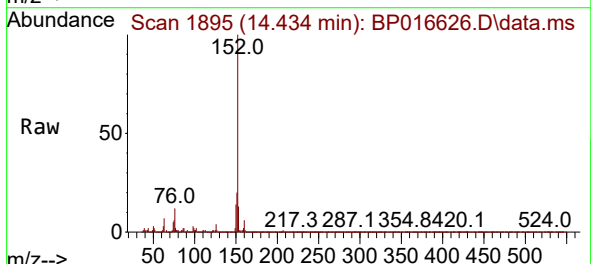
Tgt Ion:105 Resp: 150228
Ion Ratio Lower Upper
105 100
77 80.4 64.4 96.6
51 26.6 21.2 31.8

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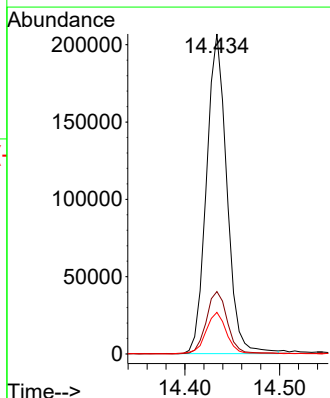
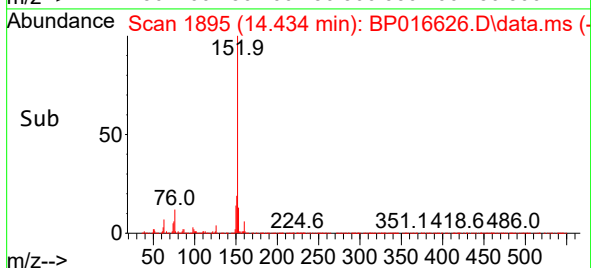
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

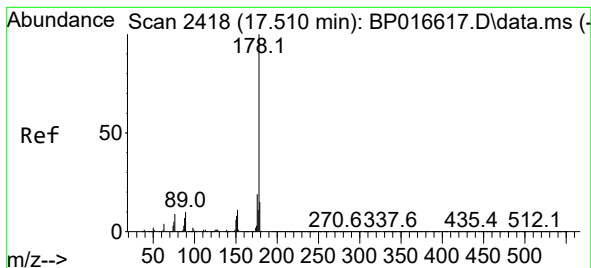


#50
Acenaphthylene
Concen: 2.273 ng/ul
RT: 14.434 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP016626.D
Acq: 17 Aug 2023 04:52



Tgt Ion:152 Resp: 308549
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#72

Phenanthrene

Concen: 1.046 ng/ul

RT: 17.516 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

Instrument :

BNA_P

ClientSampleId :

A48N6

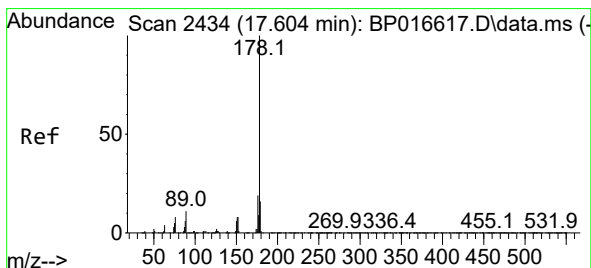
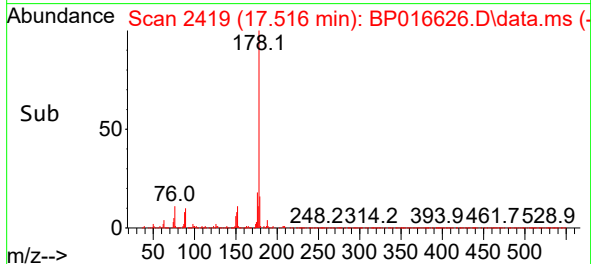
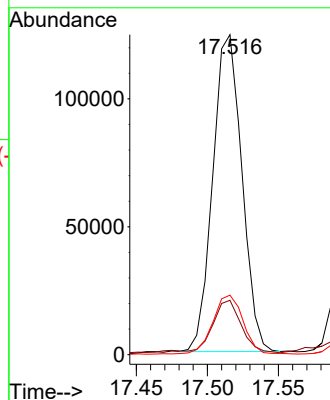
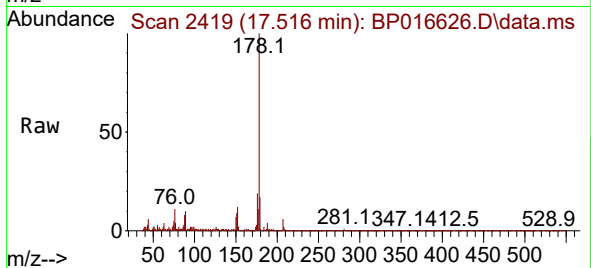
Tgt Ion:178	Resp: 17668
Ion Ratio	Lower Upper
178 100	
179 17.0	12.4 18.6
176 18.6	15.5 23.3

Manual Integrations

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#74

Anthracene

Concen: 1.526 ng/ul

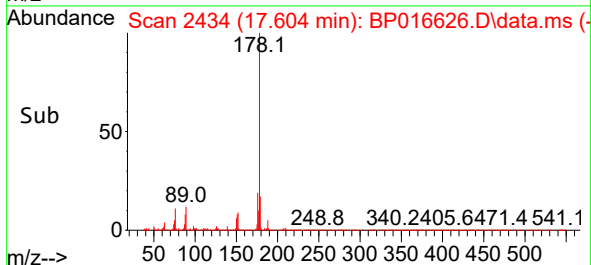
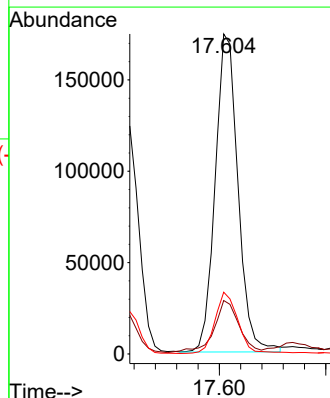
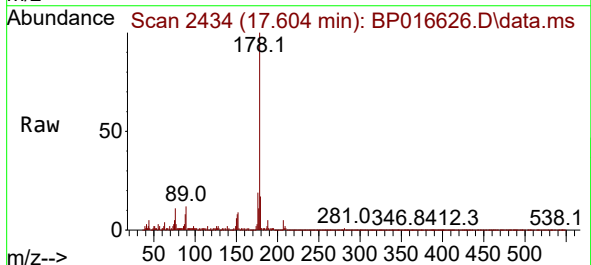
RT: 17.604 min Scan# 2434

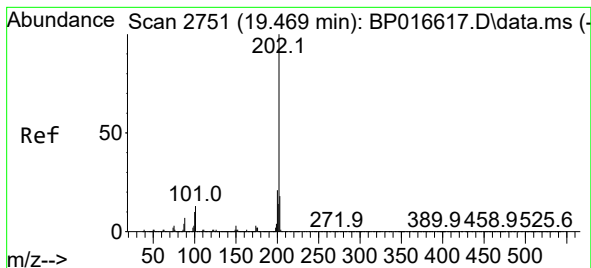
Delta R.T. -0.000 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

Tgt Ion:178	Resp: 258955
Ion Ratio	Lower Upper
178 100	
179 16.7	12.5 18.7
176 19.3	14.9 22.3





#80

Fluoranthene

Concen: 9.488 ng/u1

RT: 19.475 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

Instrument :

BNA_P

ClientSampleId :

A48N6

Tgt Ion:202 Resp: 165308

Ion Ratio Lower Upper

202 100

101 13.1 10.6 16.0

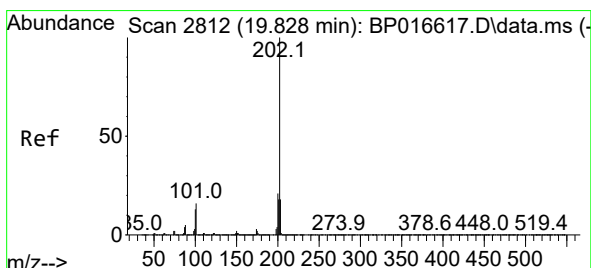
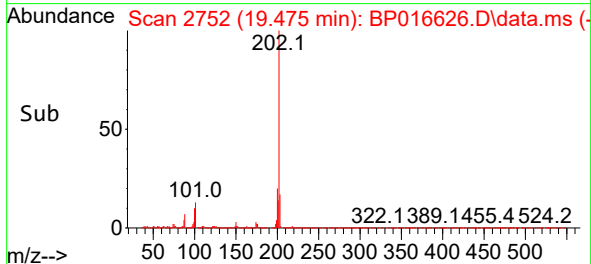
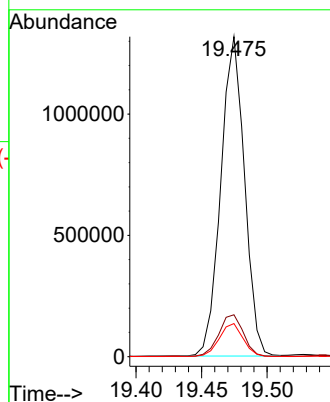
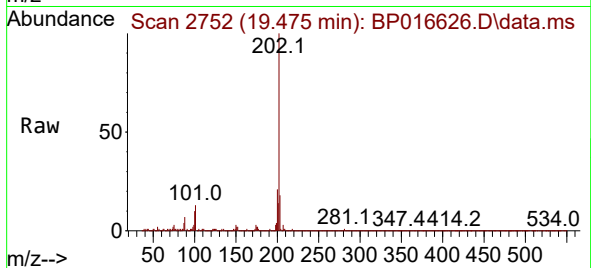
100 10.3 8.1 12.1

Manual Integrations

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Supervised By :mohammad ahmed 08/17/2023



#82

Pyrene

Concen: 8.292 ng/u1

RT: 19.833 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

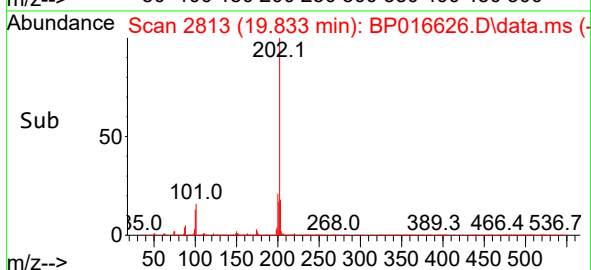
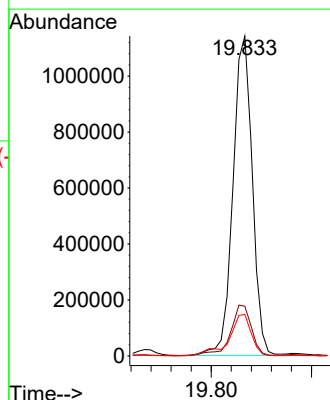
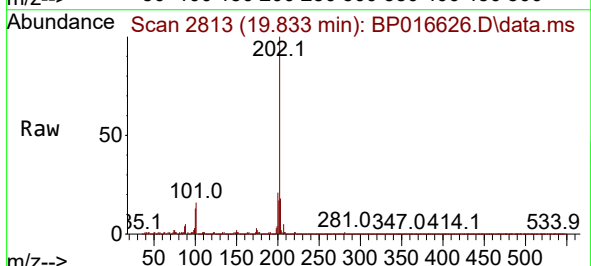
Tgt Ion:202 Resp: 1525513

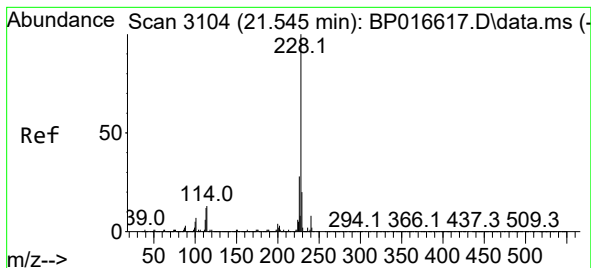
Ion Ratio Lower Upper

202 100

101 15.6 13.4 20.2

100 13.0 11.0 16.4





#85

Benzo(a)anthracene

Concen: 7.962 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

Instrument :

BNA_P

ClientSampleId :

A48N6

Tgt Ion:228 Resp: 1490738

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

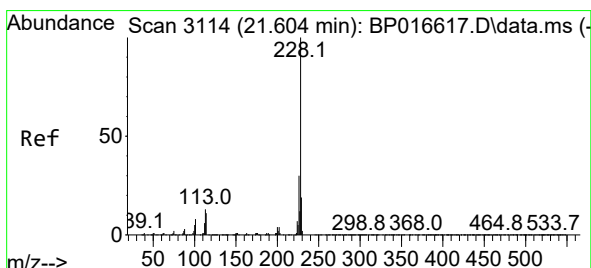
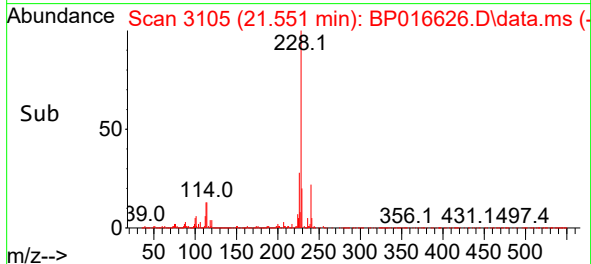
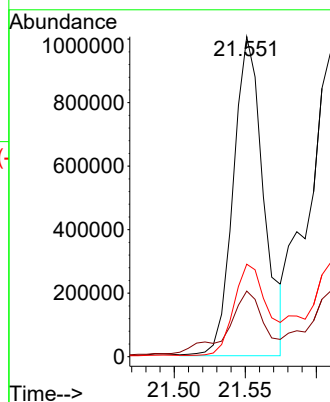
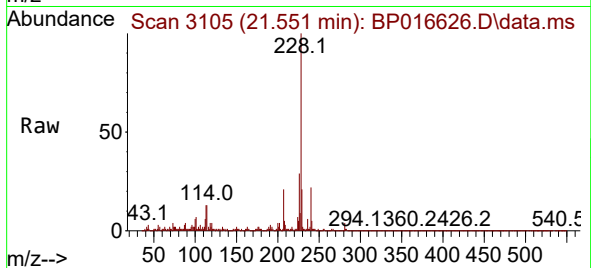
226 28.9 21.8 32.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#87

Chrysene

Concen: 8.954 ng/ul m

RT: 21.610 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

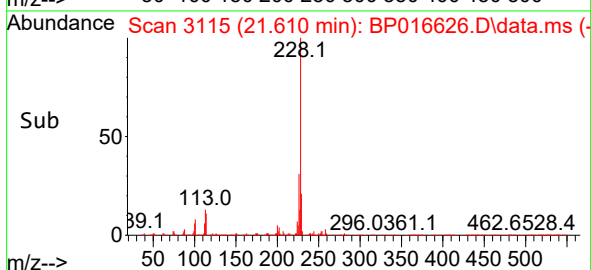
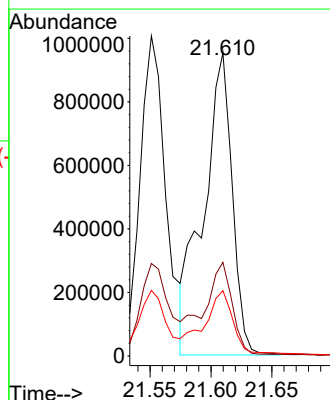
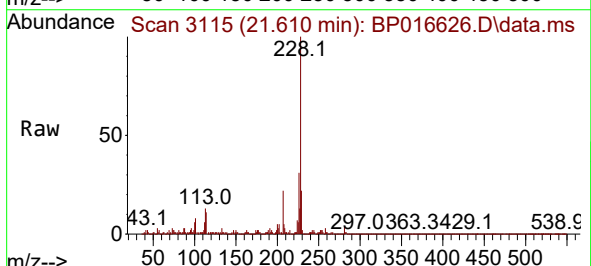
Tgt Ion:228 Resp: 1568791

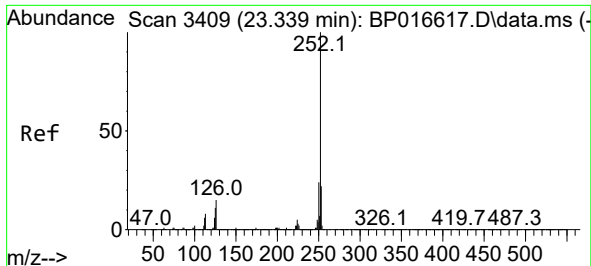
Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

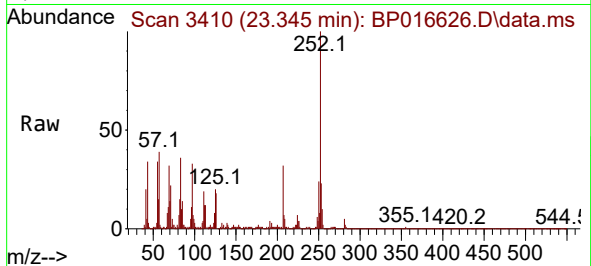
229 21.5 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 14.941 ng/ul
RT: 23.345 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP016626.D
Acq: 17 Aug 2023 04:52

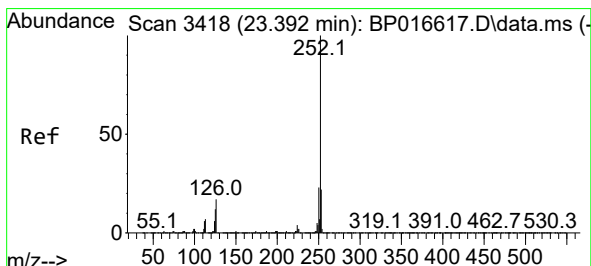
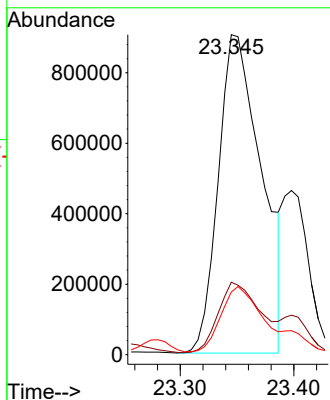
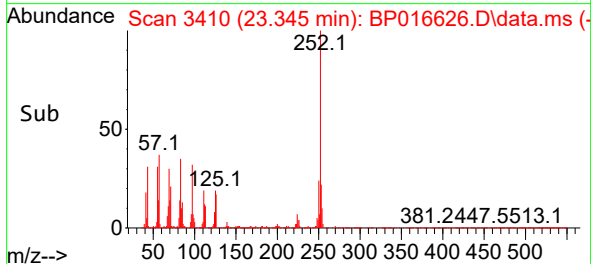
Instrument :
BNA_P
ClientSampleId :
A48N6



Tgt Ion:252 Resp: 238528
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 19.6 10.0 15.0

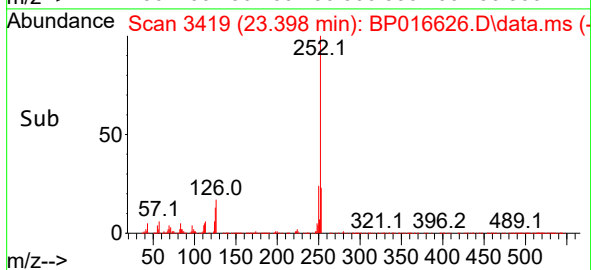
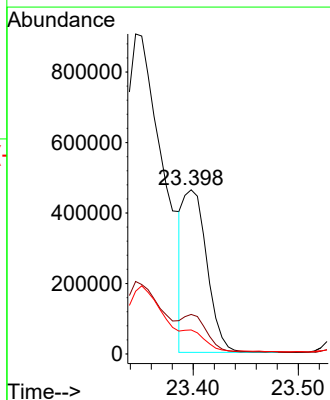
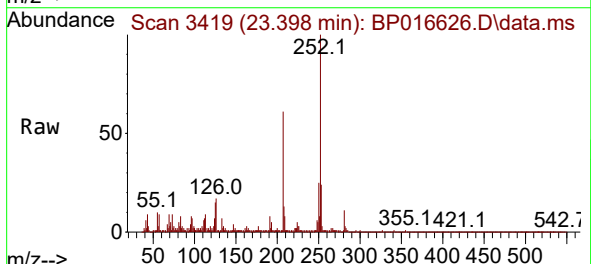
Manual Integrations
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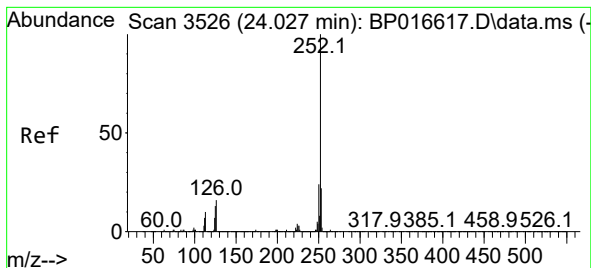
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#91
Benzo(k)fluoranthene
Concen: 4.574 ng/ul m
RT: 23.398 min Scan# 3419
Delta R.T. 0.006 min
Lab File: BP016626.D
Acq: 17 Aug 2023 04:52

Tgt Ion:252 Resp: 724418
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 14.6 9.8 14.8





#93

Benzo(a)pyrene

Concen: 5.527 ng/ul

RT: 24.039 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

Instrument :

BNA_P

ClientSampleId :

A48N6

Tgt Ion:252 Resp: 832370

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

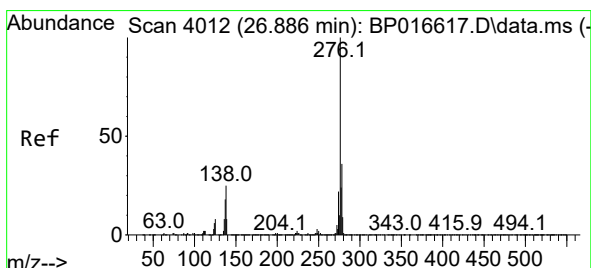
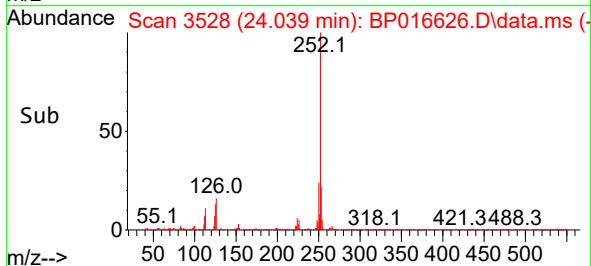
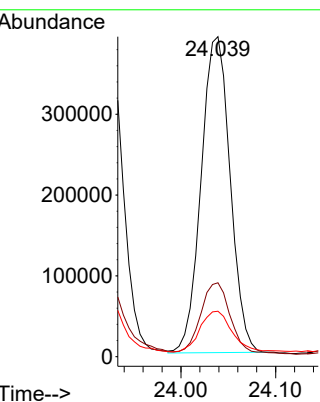
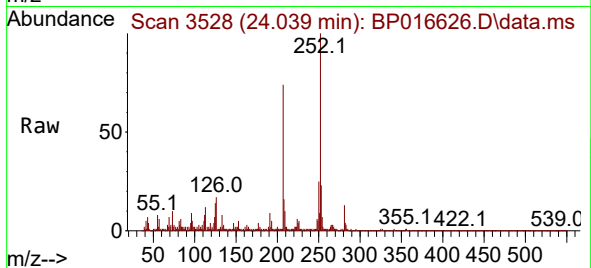
125 14.2 10.6 15.8

Manual Integrations

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Supervised By :mohammad ahmed 08/17/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.201 ng/ul

RT: 26.898 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP016626.D

Acq: 17 Aug 2023 04:52

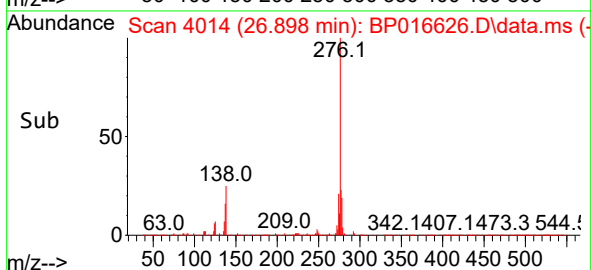
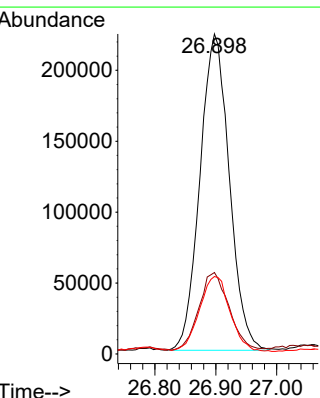
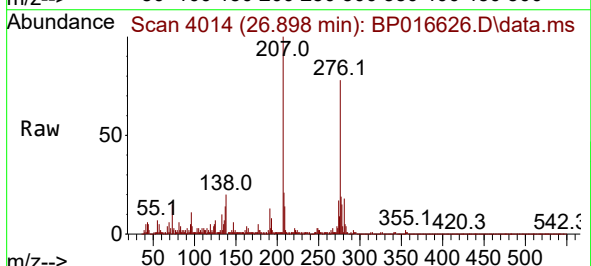
Tgt Ion:276 Resp: 746658

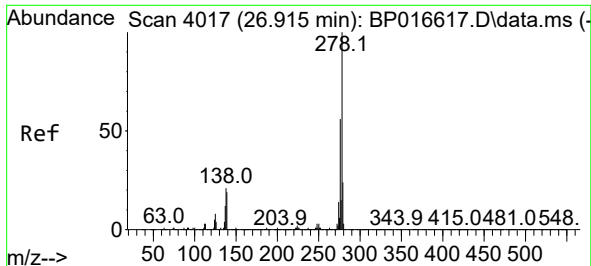
Ion Ratio Lower Upper

276 100

138 25.4 21.7 32.5

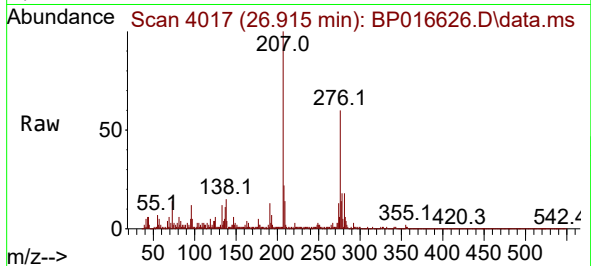
277 24.2 19.5 29.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.482 ng/ul
 RT: 26.915 min Scan# 4017
 Delta R.T. -0.000 min
 Lab File: BP016626.D
 Acq: 17 Aug 2023 04:52

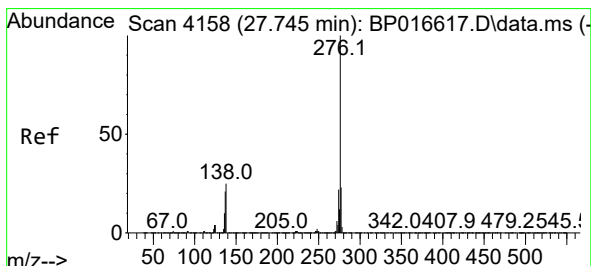
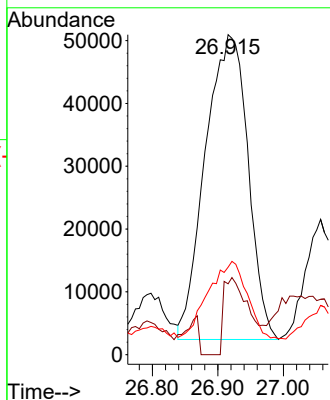
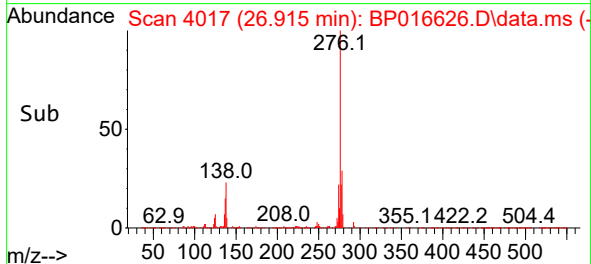
Instrument :
 BNA_P
 ClientSampleId :
 A48N6



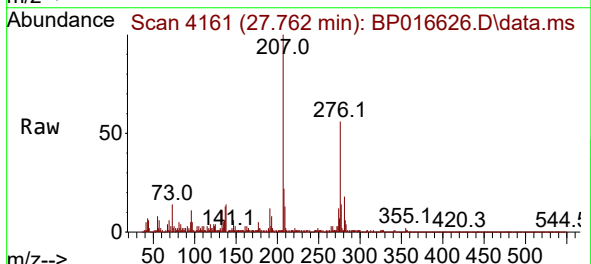
Tgt Ion: 278 Resp: 21926
 Ion Ratio Lower Upper
 278 100
 139 22.2 15.5 23.3
 279 27.4 19.1 28.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023



#96
 Benzo(g,h,i)perylene
 Concen: 4.201 ng/ul
 RT: 27.762 min Scan# 4161
 Delta R.T. 0.018 min
 Lab File: BP016626.D
 Acq: 17 Aug 2023 04:52



Tgt Ion: 276 Resp: 594345
 Ion Ratio Lower Upper
 276 100
 138 24.7 21.5 32.3
 277 24.8 19.3 28.9

