

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019036.D
 Acq On : 22 Dec 2023 12:36
 Operator : MA/JU
 Sample : 05626-10MEDL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF6MEDL

Quant Time: Dec 22 22:44:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	156178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	616252	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	411359	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	962355	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1037647	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	1238539	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	8441	0.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	5968	0.642	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	6772	0.554	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	4117m	0.325	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	3810	0.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	4240	0.746	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	6958	0.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	7621m	0.502	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	32226	0.878	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	31200m	0.772	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	3676m	0.610	ng/u1	0.02
60) Fluorene-d10	15.445	176	29853	0.969	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	2596	0.450	ng/u1	0.00
73) Anthracene-d10	17.304	188	47135	0.932	ng/u1	0.00
81) Pyrene-d10	19.545	212	42125	0.522	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	25752	0.357	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	1025909	27.442	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	573339	21.648	ng/u1	100
37) 1-Methylnaphthalene	12.493	142	290125	10.847	ng/u1#	99
52) Acenaphthene	14.516	153	1188749	39.555	ng/u1	99
61) Fluorene	15.504	166	1233538	37.322	ng/u1	99
72) Phenanthrene	17.251	178	5010643	86.209	ng/u1	99
74) Anthracene	17.339	178	612377	10.511	ng/u1	99
80) Fluoranthene	19.222	202	2970669	31.114	ng/u1#	94
82) Pyrene	19.569	202	1148831	11.927	ng/u1	95
85) Benzo(a)anthracene	21.280	228	483458	5.740	ng/u1	99
87) Chrysene	21.333	228	386184	4.979	ng/u1	96
90) Benzo(b)fluoranthene	22.939	252	218710	2.395	ng/u1	98
91) Benzo(k)fluoranthene	22.980	252	102670	1.162	ng/u1	93

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

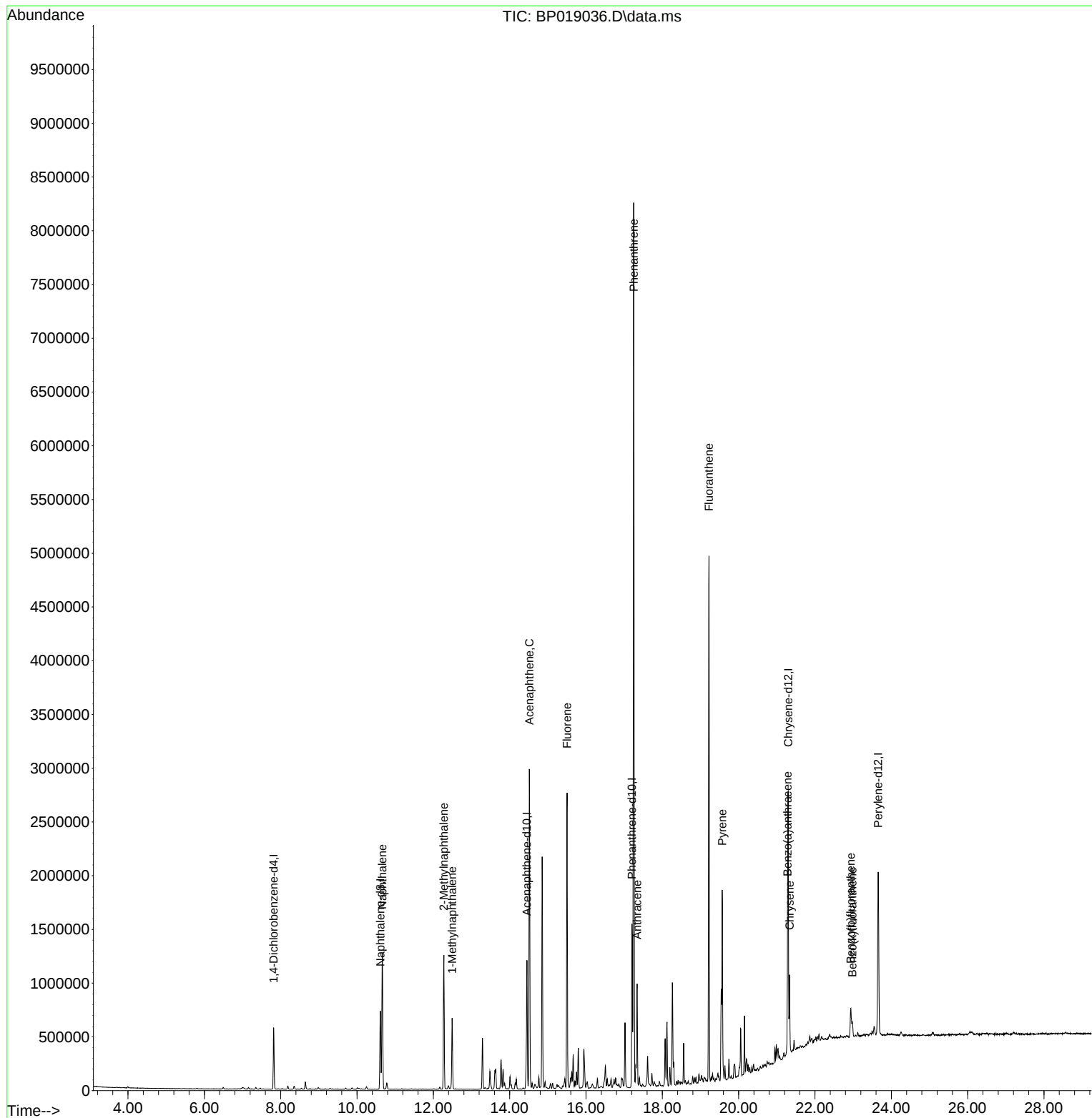
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019036.D
Acq On : 22 Dec 2023 12:36
Operator : MA/JU
Sample : 05626-10MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

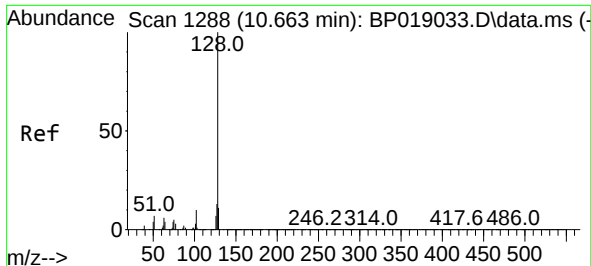
Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL

Quant Time: Dec 22 22:44:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
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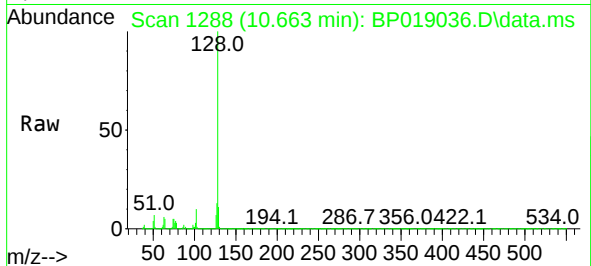
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023





#30
Naphthalene
Concen: 27.442 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36

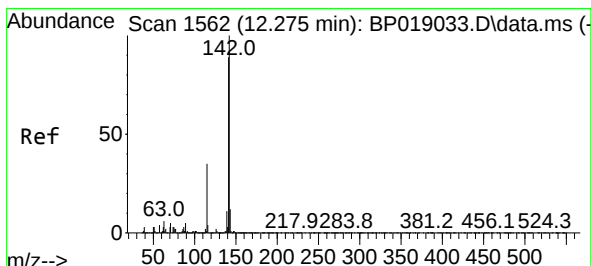
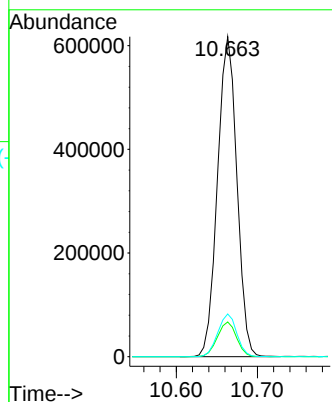
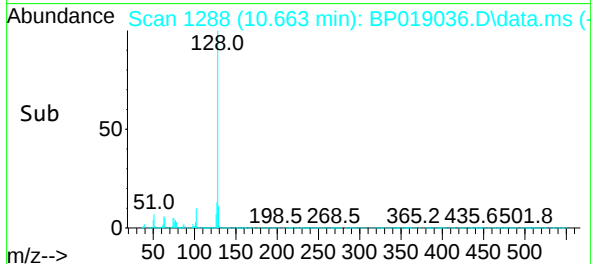
Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL



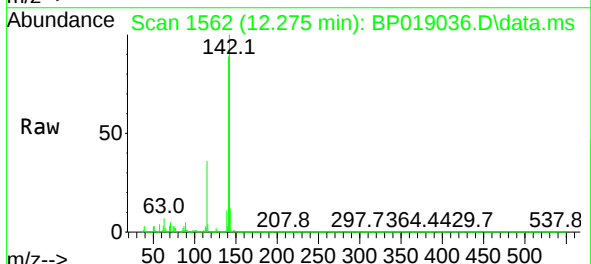
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Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.5 15.7

Manual Integrations
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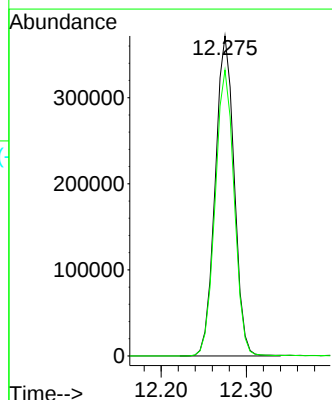
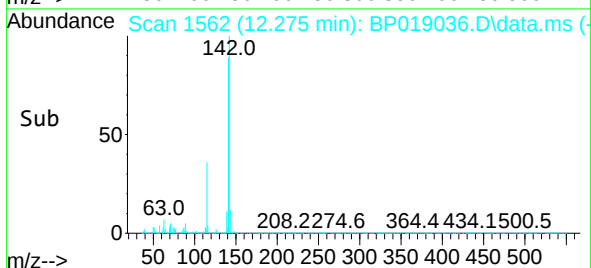
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

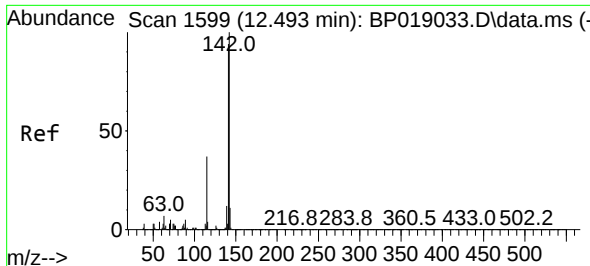


#36
2-Methylnaphthalene
Concen: 21.648 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36



Tgt Ion:142 Resp: 573339
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0





#37
1-Methylnaphthalene
Concen: 10.847 ng/ul
RT: 12.493 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36

Instrument :

BNA_P

ClientSampleId :

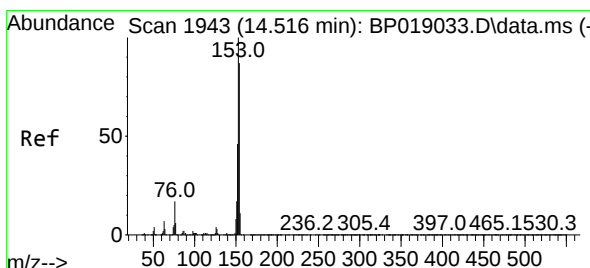
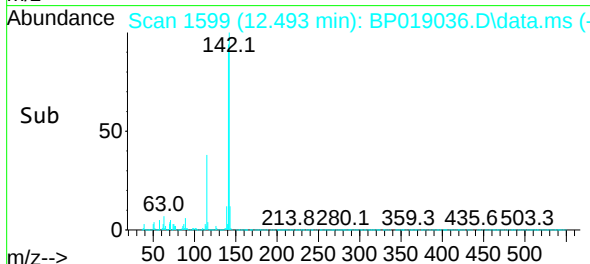
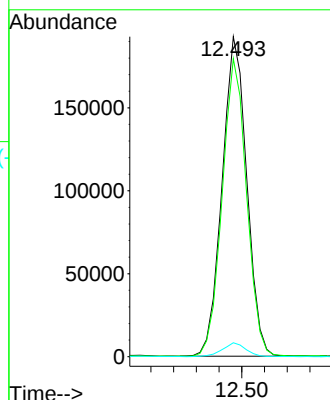
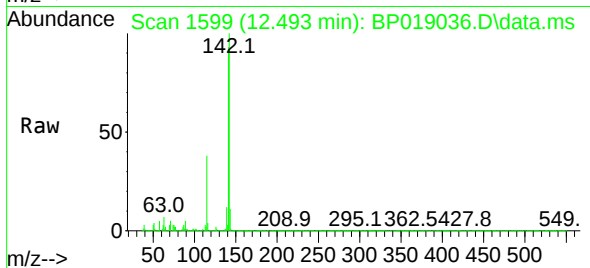
DCLF6MEDL

Tgt Ion:142 Resp: 29012
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3
116 4.3 2.8 4.2

Manual Integrations

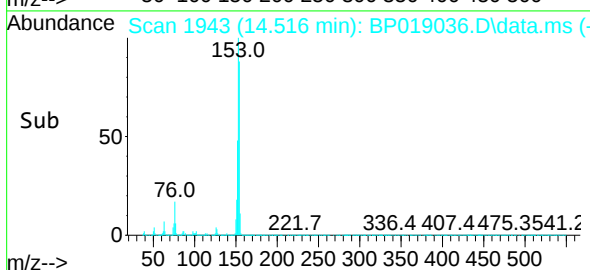
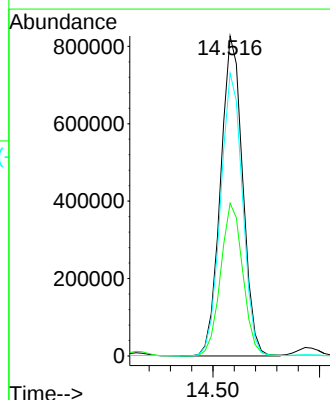
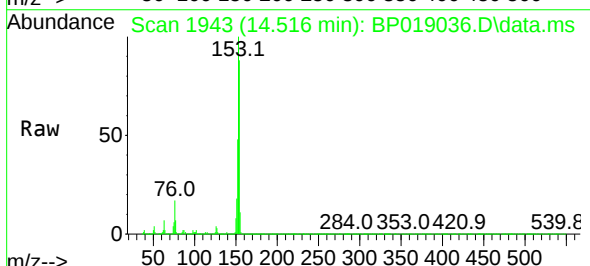
APPROVED

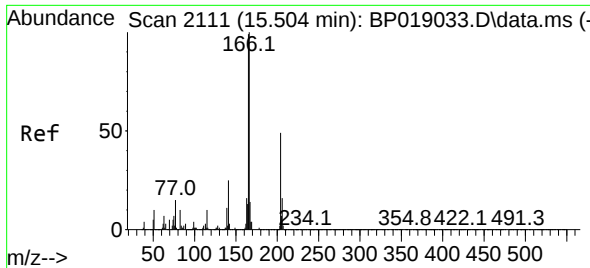
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 39.555 ng/ul
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36

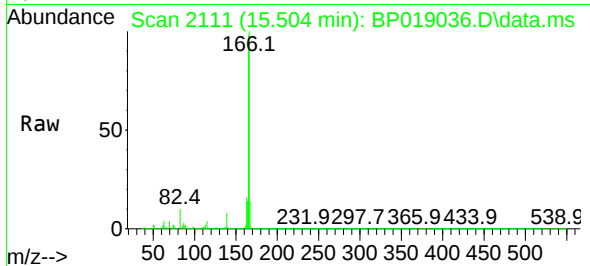
Tgt Ion:153 Resp: 1188749
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 88.4 71.7 107.5





#61
Fluorene
Concen: 37.322 ng/u1
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36

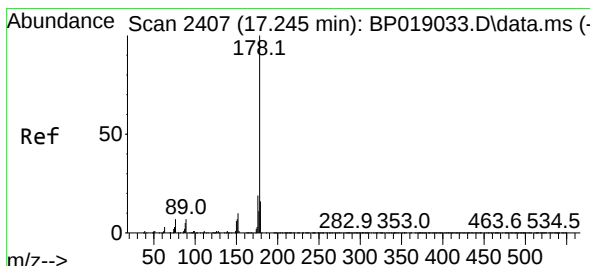
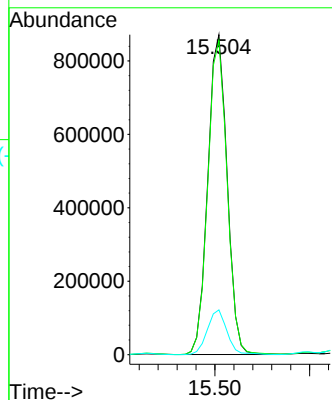
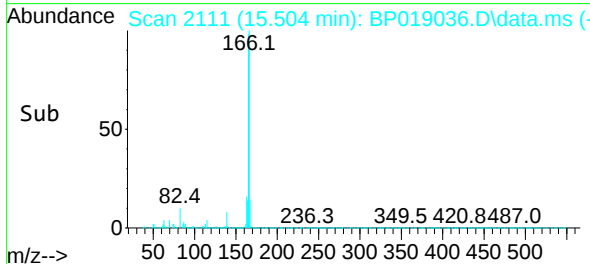
Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL



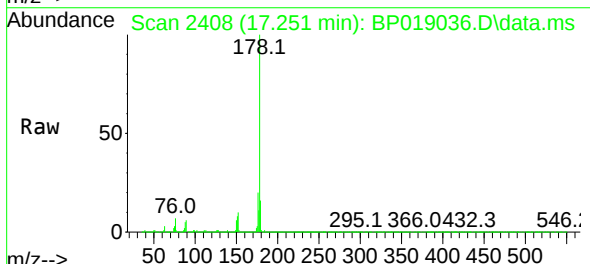
Tgt Ion:166 Resp: 1233538
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 14.0 10.8 16.2

Manual Integrations
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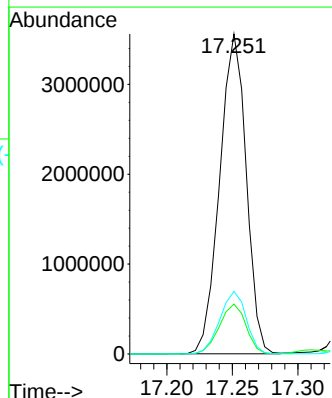
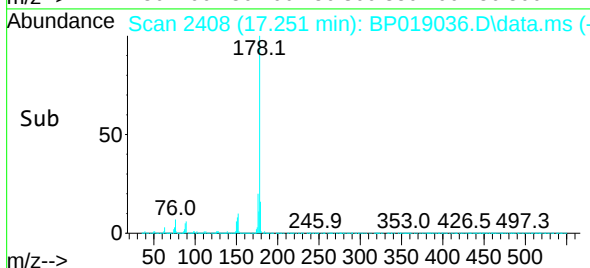
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

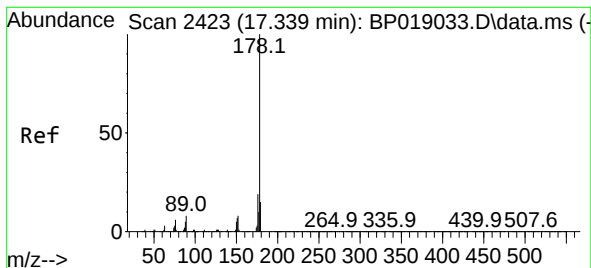


#72
Phenanthrene
Concen: 86.209 ng/u1
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36



Tgt Ion:178 Resp: 5010643
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.6 15.4 23.2





#74

Anthracene

Concen: 10.511 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP019036.D

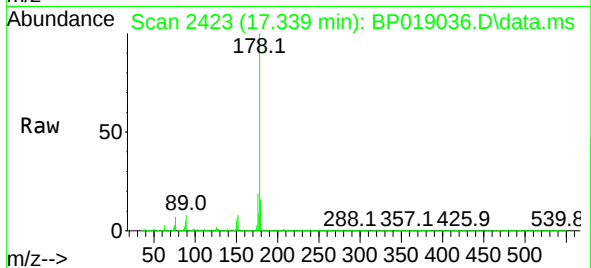
Acq: 22 Dec 2023 12:36

Instrument :

BNA_P

ClientSampleId :

DCLF6MEDL



Tgt Ion:178 Resp: 61237

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

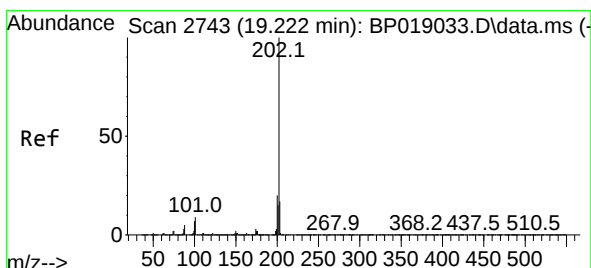
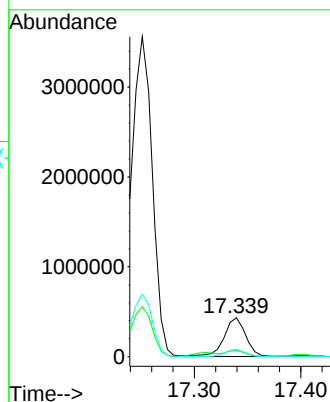
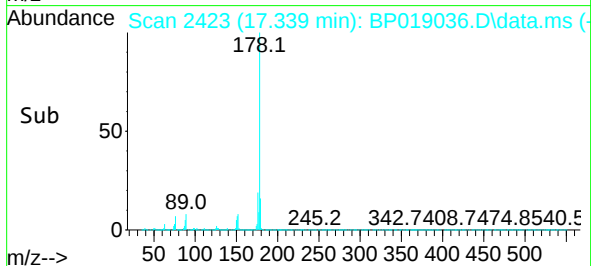
176 18.6 15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 12/25/2023



#80

Fluoranthene

Concen: 31.114 ng/ul

RT: 19.222 min Scan# 2743

Delta R.T. 0.000 min

Lab File: BP019036.D

Acq: 22 Dec 2023 12:36

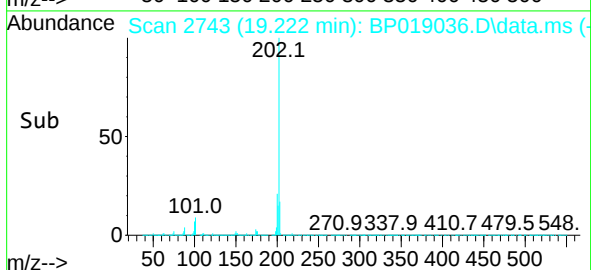
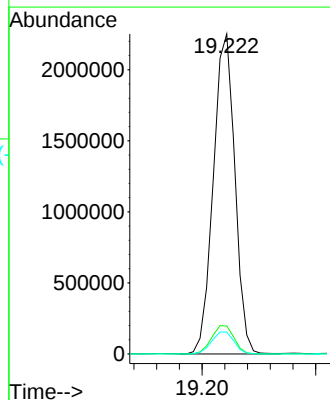
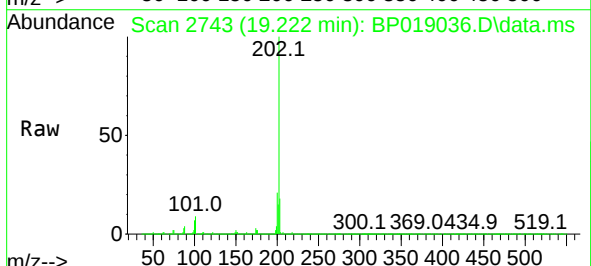
Tgt Ion:202 Resp: 2970669

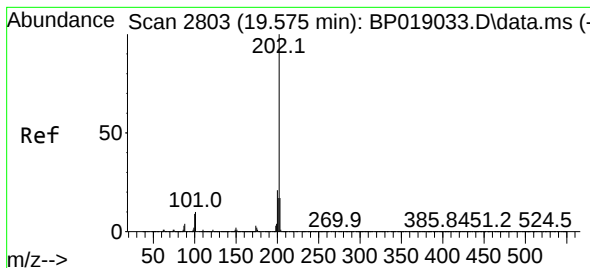
Ion Ratio Lower Upper

202 100

101 8.7 9.1 13.7#

100 6.8 7.1 10.7#





#82

Pyrene

Concen: 11.927 ng/ul

RT: 19.569 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP019036.D

Acq: 22 Dec 2023 12:36

Instrument :

BNA_P

ClientSampleId :

DCLF6MEDL

Tgt Ion:202 Resp: 114883

Ion Ratio Lower Upper

202 100

101 11.6 11.0 16.4

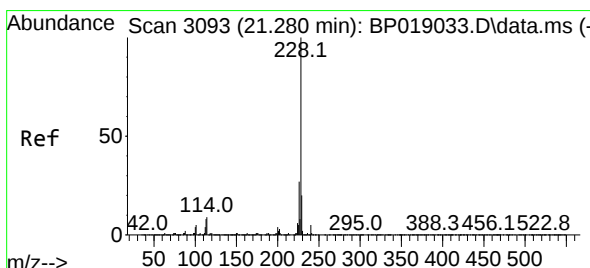
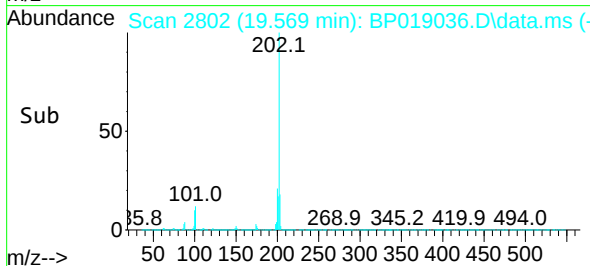
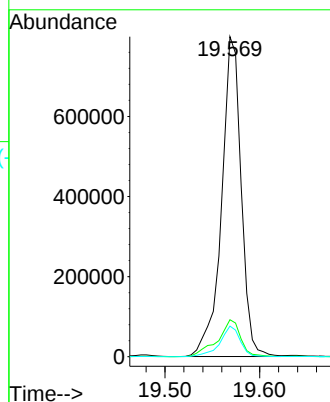
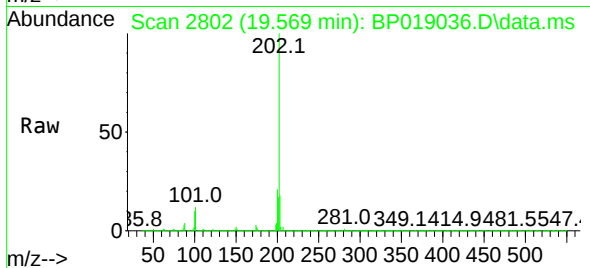
100 9.6 9.1 13.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#85

Benzo(a)anthracene

Concen: 5.740 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BP019036.D

Acq: 22 Dec 2023 12:36

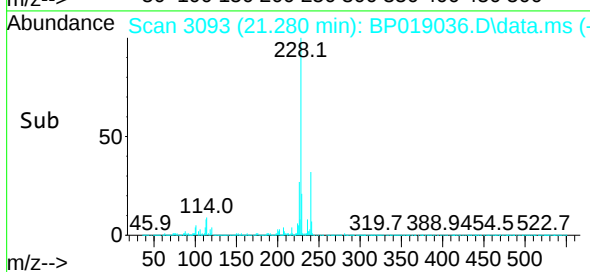
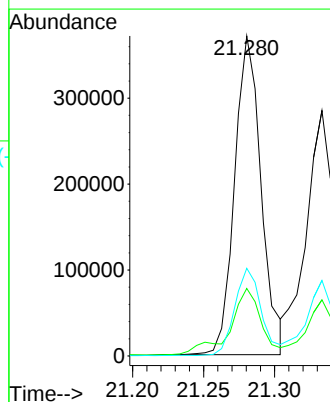
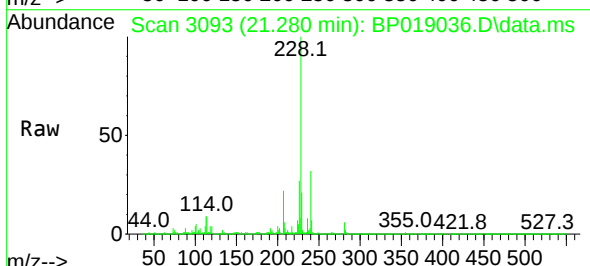
Tgt Ion:228 Resp: 483458

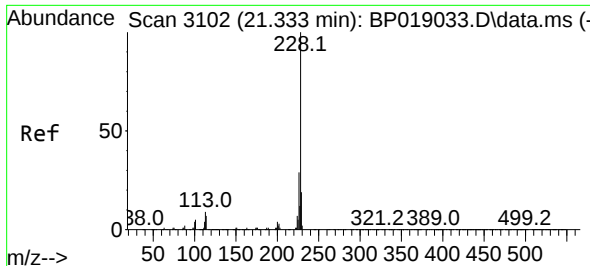
Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

226 27.4 21.9 32.9





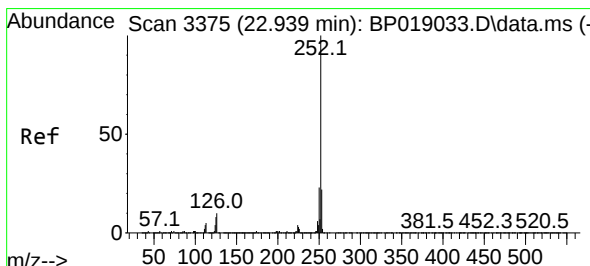
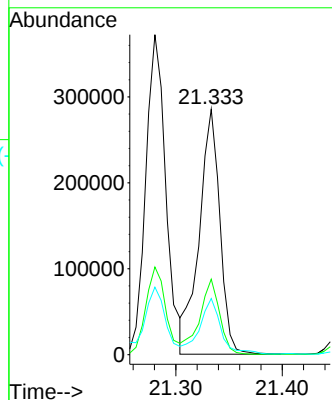
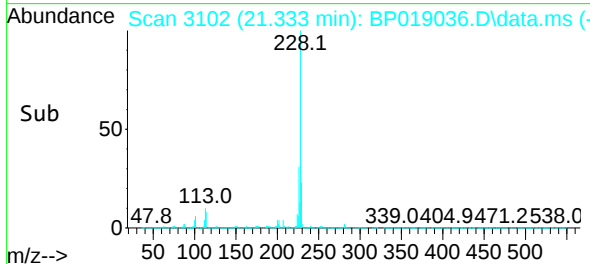
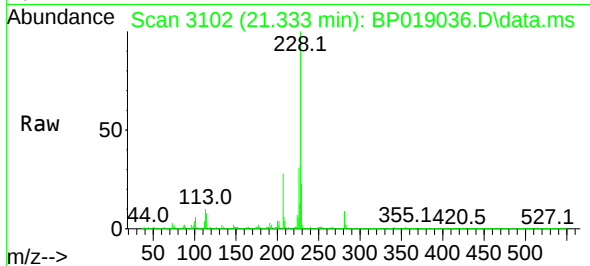
#87
Chrysene
Concen: 4.979 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36

Instrument :
BNA_P
ClientSampleId :
DCLF6MEDL

Tgt Ion:228 Resp: 386184
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 22.9 15.6 23.4

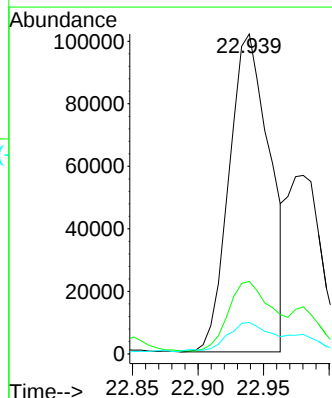
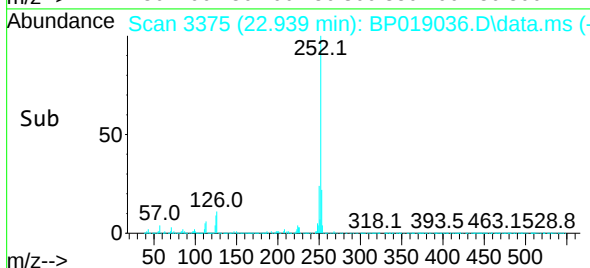
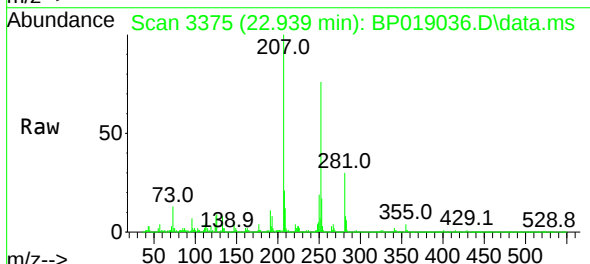
Manual Integrations
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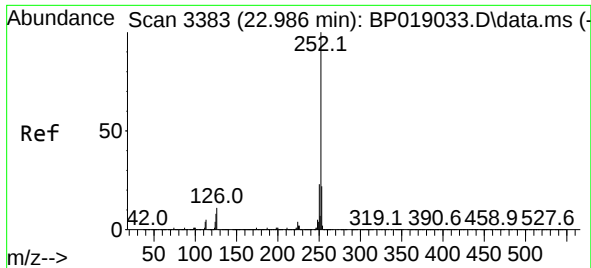
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#90
Benzo(b)fluoranthene
Concen: 2.395 ng/ul
RT: 22.939 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BP019036.D
Acq: 22 Dec 2023 12:36

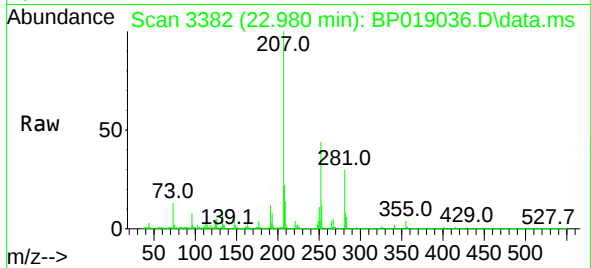
Tgt Ion:252 Resp: 218710
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 9.9 7.8 11.6





#91
 Benzo(k)fluoranthene
 Concen: 1.162 ng/ul
 RT: 22.980 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP019036.D
 Acq: 22 Dec 2023 12:36

Instrument :
 BNA_P
 ClientSampleId :
 DCLF6MEDL



Tgt Ion:252 Resp: 102670
 Ion Ratio Lower Upper
 252 100
 253 26.4 17.7 26.5
 125 10.9 8.0 12.0

Manual Integrations
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 Supervised By :mohammad ahmed 12/25/2023

