

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019035.D
 Acq On : 22 Dec 2023 12:02
 Operator : MA/JU
 Sample : 05626-08MEDL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4MEDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 04:53:56 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	136659	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	516709	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	341847	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	818834	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	904392	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1060950	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	1021	0.255	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.999	99	17791	1.297	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	11524	1.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	14251	1.332	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	7454	0.672	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	6468	1.406	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	6750	1.416	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	12348	1.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	10188	0.800	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	52558	1.723	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	52330	1.558	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	5319	1.062	ng/u1	0.02
60) Fluorene-d10	15.445	176	49062	1.916	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	4474	0.911	ng/u1	0.00
73) Anthracene-d10	17.304	188	77791	1.807	ng/u1	0.00
81) Pyrene-d10	19.545	212	102740	1.459	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	96010	1.552	ng/u1	0.00
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.493	142	36851	1.643	ng/u1	94
52) Acenaphthene	14.516	153	401382	16.072	ng/u1	97
61) Fluorene	15.504	166	504799	18.379	ng/u1	98
72) Phenanthrene	17.251	178	2294088	46.388	ng/u1	100
74) Anthracene	17.339	178	736798	14.863	ng/u1	100
80) Fluoranthene	19.222	202	2093315m	25.155	ng/u1	
82) Pyrene	19.575	202	1389885	16.556	ng/u1#	93
85) Benzo(a)anthracene	21.280	228	337943	4.604	ng/u1	99
87) Chrysene	21.333	228	316642	4.684	ng/u1	98
90) Benzo(b)fluoranthene	22.939	252	198968m	2.544	ng/u1	

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

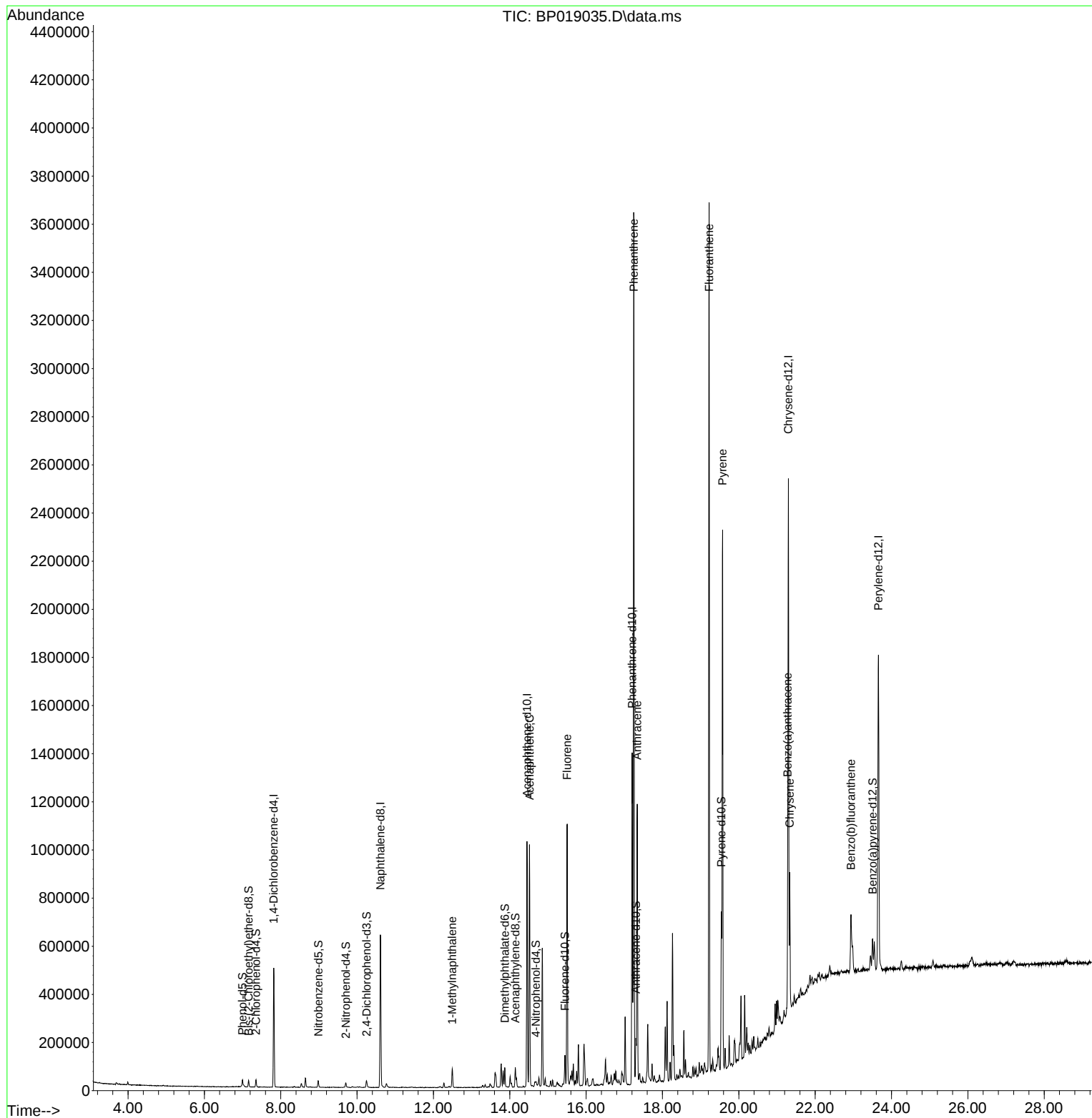
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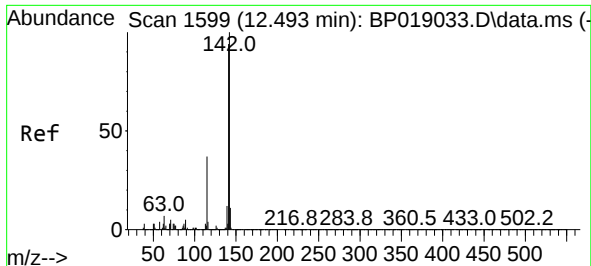
Instrument :
BNA_P
ClientSampleId :
DCLF4MEDL

Quant Time: Dec 23 04:53:56 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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Supervised By :mohammad ahmed 12/25/2023





#37
1-Methylnaphthalene
Concen: 1.643 ng/ul
RT: 12.493 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

Instrument :

BNA_P

ClientSampleId :

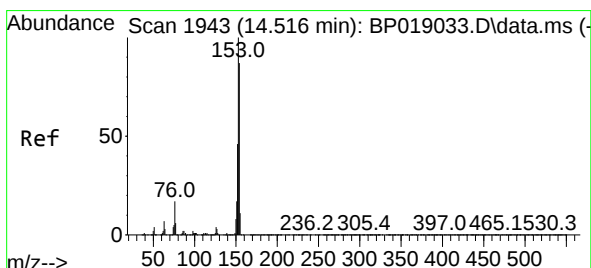
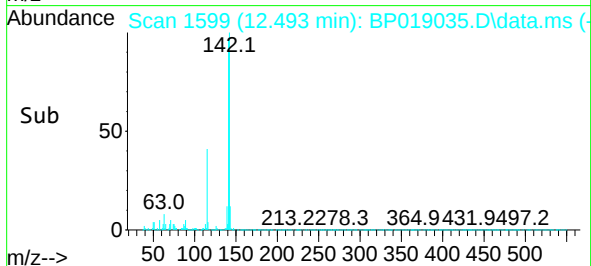
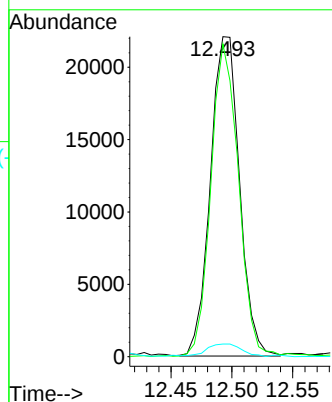
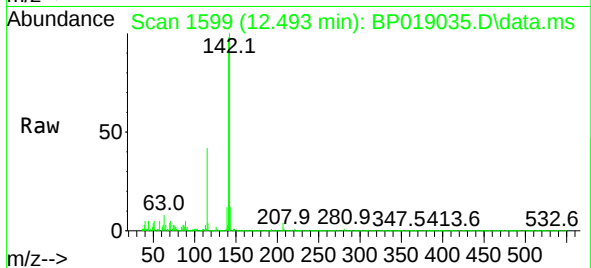
DCLF4MEDL

Tgt Ion:142 Resp: 3685
Ion Ratio Lower Upper
142 100
141 97.7 73.5 110.3
116 3.9 2.8 4.2

Manual Integrations

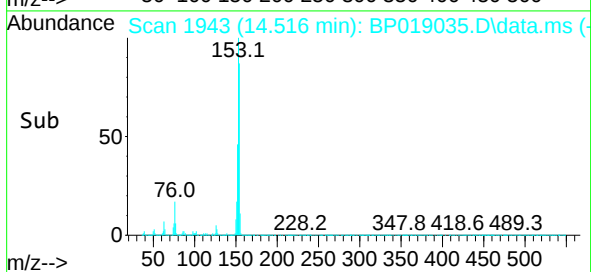
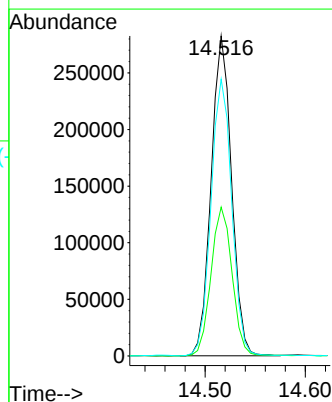
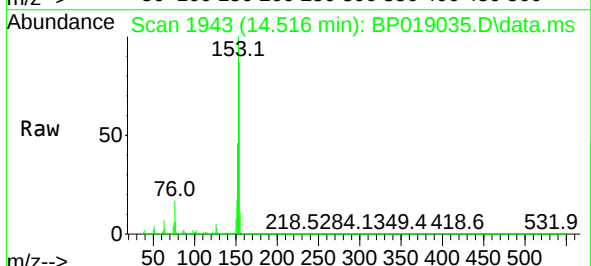
APPROVED

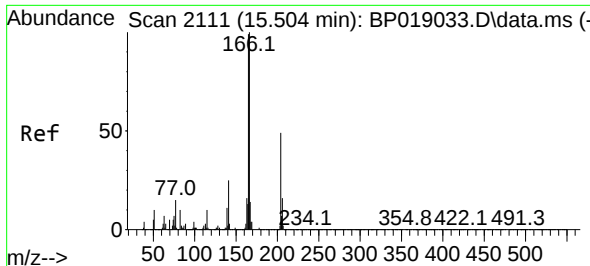
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 16.072 ng/ul
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

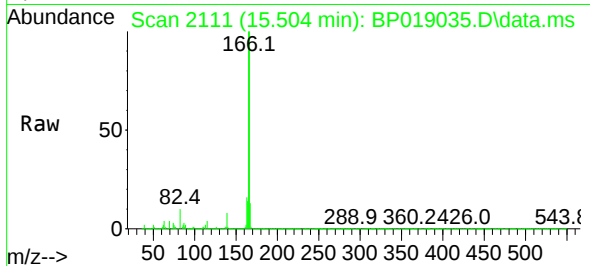
Tgt Ion:153 Resp: 401382
Ion Ratio Lower Upper
153 100
152 46.5 38.1 57.1
154 86.5 71.7 107.5





#61
Fluorene
Concen: 18.379 ng/u1
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

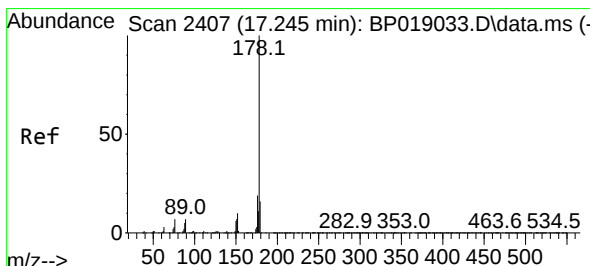
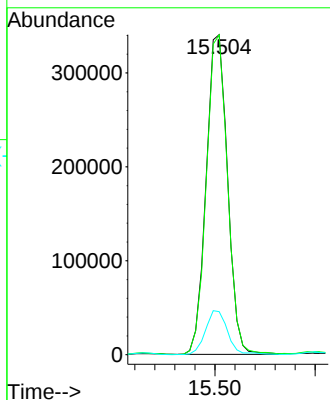
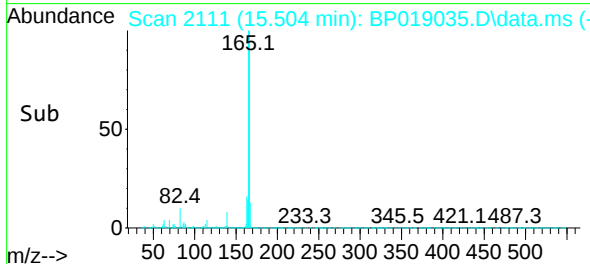
Instrument :
BNA_P
ClientSampleId :
DCLF4MEDL



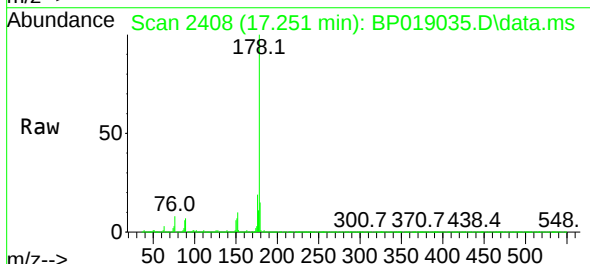
Tgt Ion:166 Resp: 504799
Ion Ratio Lower Upper
166 100
165 99.9 78.0 117.0
167 13.5 10.8 16.2

Manual Integrations
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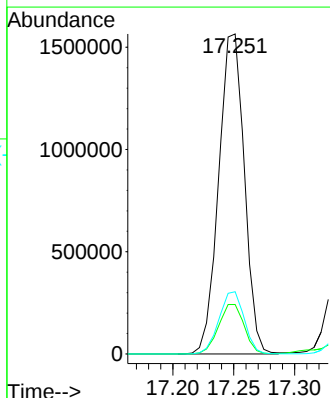
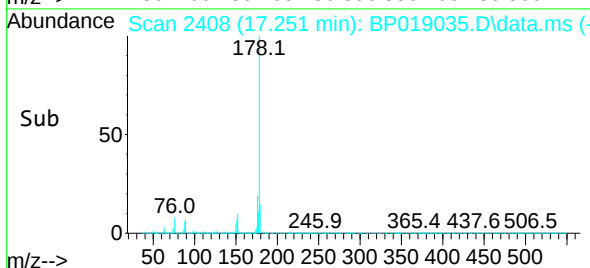
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023

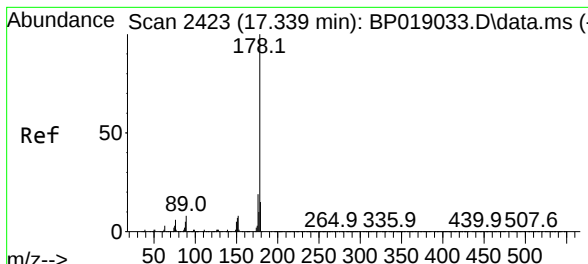


#72
Phenanthrene
Concen: 46.388 ng/u1
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02



Tgt Ion:178 Resp: 2294088
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.5 15.4 23.2





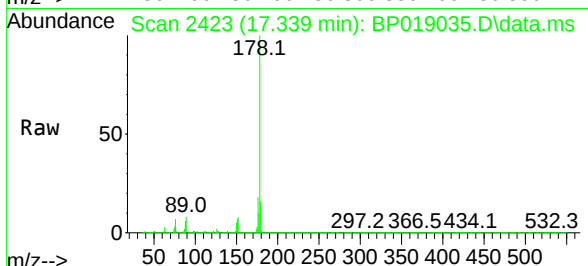
#74
 Anthracene
 Concen: 14.863 ng/ul
 RT: 17.339 min Scan# 2423
 Delta R.T. 0.000 min
 Lab File: BP019035.D
 Acq: 22 Dec 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCLF4MEDL



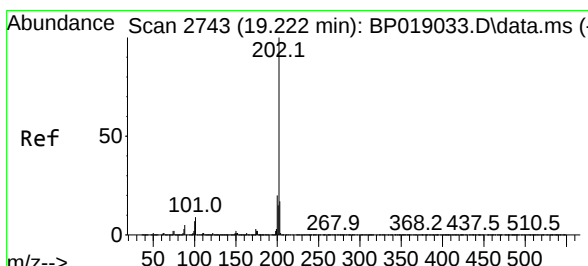
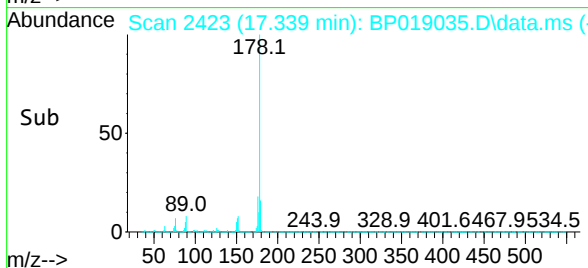
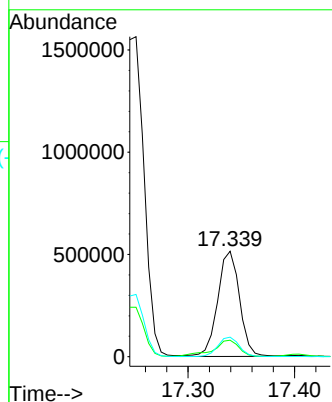
Tgt Ion:178 Resp: 736798
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.5 18.7
 176 18.5 15.0 22.6

Manual Integrations

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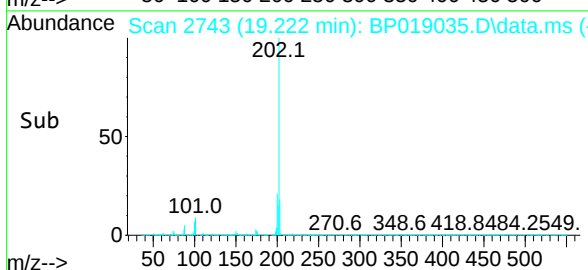
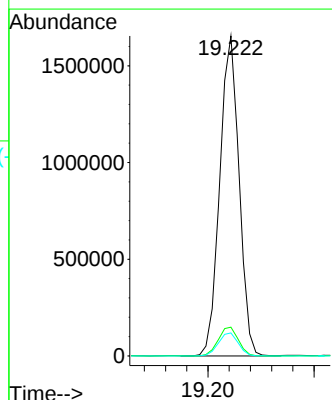
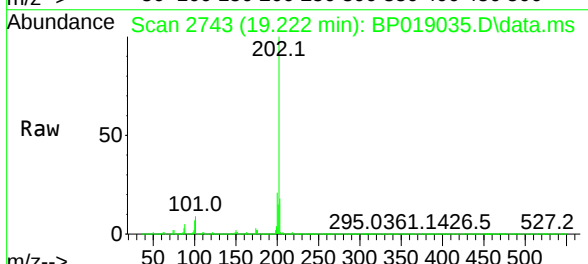
Reviewed By :Yogesh Patel 12/22/2023

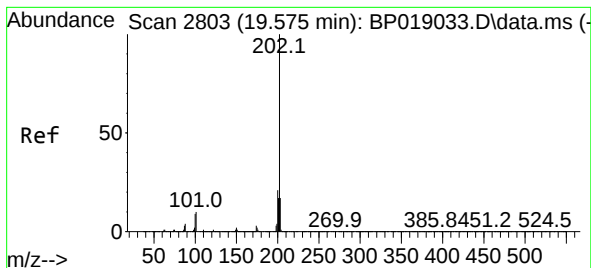
Supervised By :mohammad ahmed 12/25/2023



#80
 Fluoranthene
 Concen: 25.155 ng/ul m
 RT: 19.222 min Scan# 2743
 Delta R.T. 0.000 min
 Lab File: BP019035.D
 Acq: 22 Dec 2023 12:02

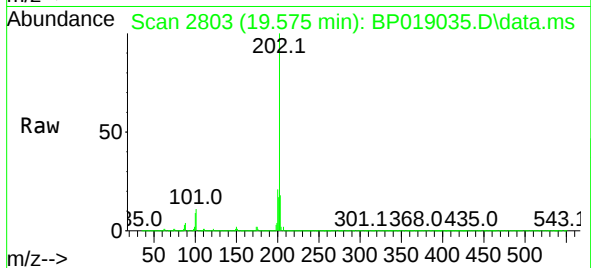
Tgt Ion:202 Resp: 2093315
 Ion Ratio Lower Upper
 202 100
 101 9.0 9.1 13.7#
 100 7.2 7.1 10.7





#82
Pyrene
Concen: 16.556 ng/u1
RT: 19.575 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

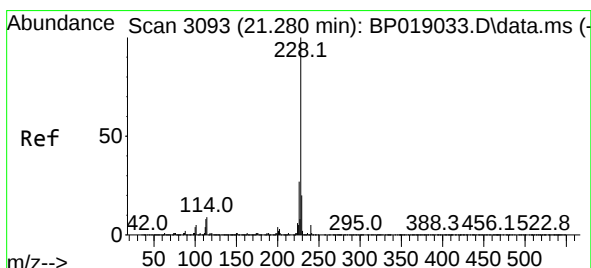
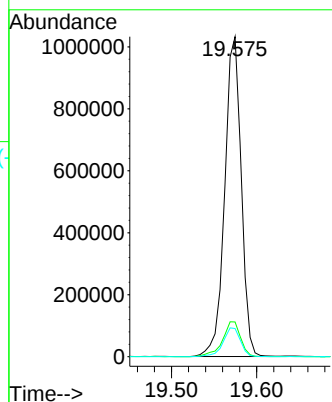
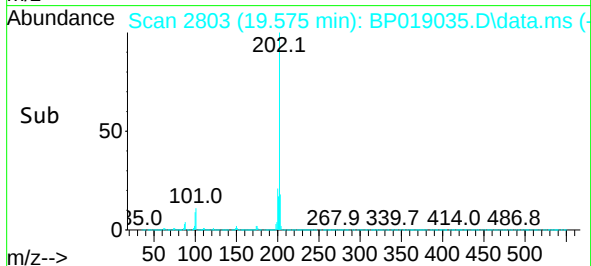
Instrument :
BNA_P
ClientSampleId :
DCLF4MEDL



Tgt Ion:202 Resp: 1389885
Ion Ratio Lower Upper
202 100
101 10.9 11.0 16.4
100 8.8 9.1 13.7

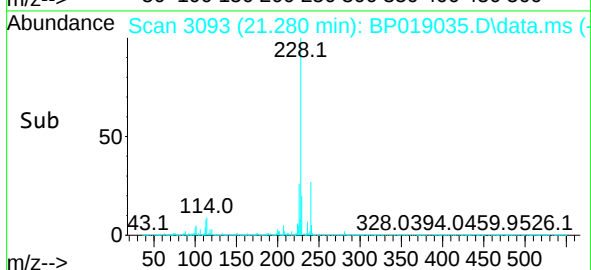
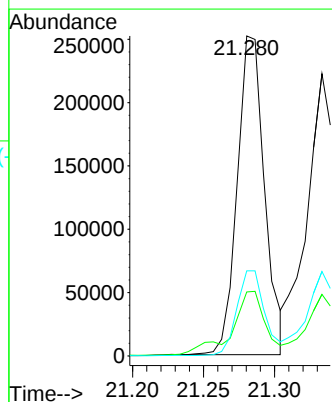
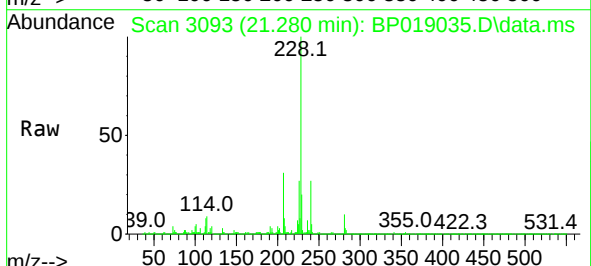
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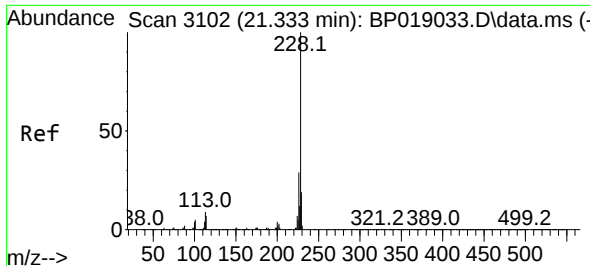
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023



#85
Benzo(a)anthracene
Concen: 4.604 ng/u1
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

Tgt Ion:228 Resp: 337943
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 26.6 21.9 32.9





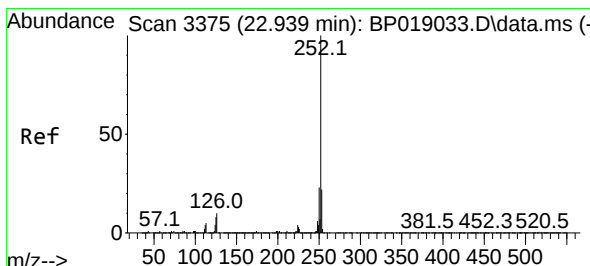
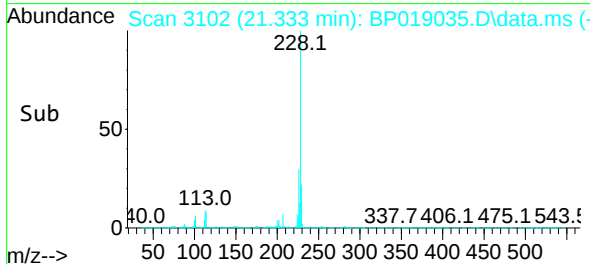
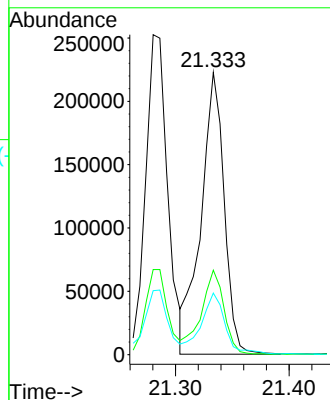
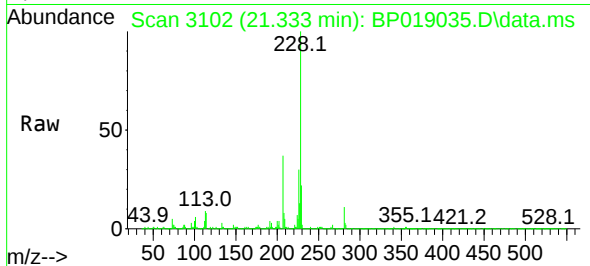
#87
Chrysene
Concen: 4.684 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

Instrument :
BNA_P
ClientSampleId :
DCLF4MEDL

Tgt Ion:228 Resp: 31664
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 21.8 15.6 23.4

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



#90
Benzo(b)fluoranthene
Concen: 2.544 ng/ul m
RT: 22.939 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BP019035.D
Acq: 22 Dec 2023 12:02

Tgt Ion:252 Resp: 198968
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 10.0 7.8 11.6

