

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019037.D
 Acq On : 22 Dec 2023 13:10
 Operator : MA/JU
 Sample : 05626-12MEDL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF8MEDL

Quant Time: Dec 22 22:48:14 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 12/22/2023
 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	161483	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	630758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	427087	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1003673	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1070917	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	1246765	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	819	0.173	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	11481	0.708	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	8114	0.845	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	9312	0.736	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	4315	0.329	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	4995	0.890	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	5409	0.929	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	9154	0.769	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	7741	0.498	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	40070	1.051	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	38653	0.921	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	3316m	0.530	ng/u1	0.02
60) Fluorene-d10	15.445	176	37929	1.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	3525	0.586	ng/u1	0.00
73) Anthracene-d10	17.304	188	58372	1.106	ng/u1	0.00
81) Pyrene-d10	19.539	212	41684	0.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	23414	0.322	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	641295	16.760	ng/u1	100
36) 2-Methylnaphthalene	12.275	142	355191	13.103	ng/u1	98
37) 1-Methylnaphthalene	12.493	142	172825	6.313	ng/u1#	95
52) Acenaphthene	14.516	153	800804	25.665	ng/u1	99
61) Fluorene	15.504	166	1024633	29.860	ng/u1	99
72) Phenanthrene	17.251	178	3946079	65.098	ng/u1	100
74) Anthracene	17.339	178	1984817	32.666	ng/u1	100
80) Fluoranthene	19.222	202	2213871	22.467	ng/u1#	94
82) Pyrene	19.569	202	677374	6.814	ng/u1	95
85) Benzo(a)anthracene	21.280	228	368061	4.234	ng/u1	99
87) Chrysene	21.333	228	310238	3.876	ng/u1	97
90) Benzo(b)fluoranthene	22.939	252	186298	2.027	ng/u1	97

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

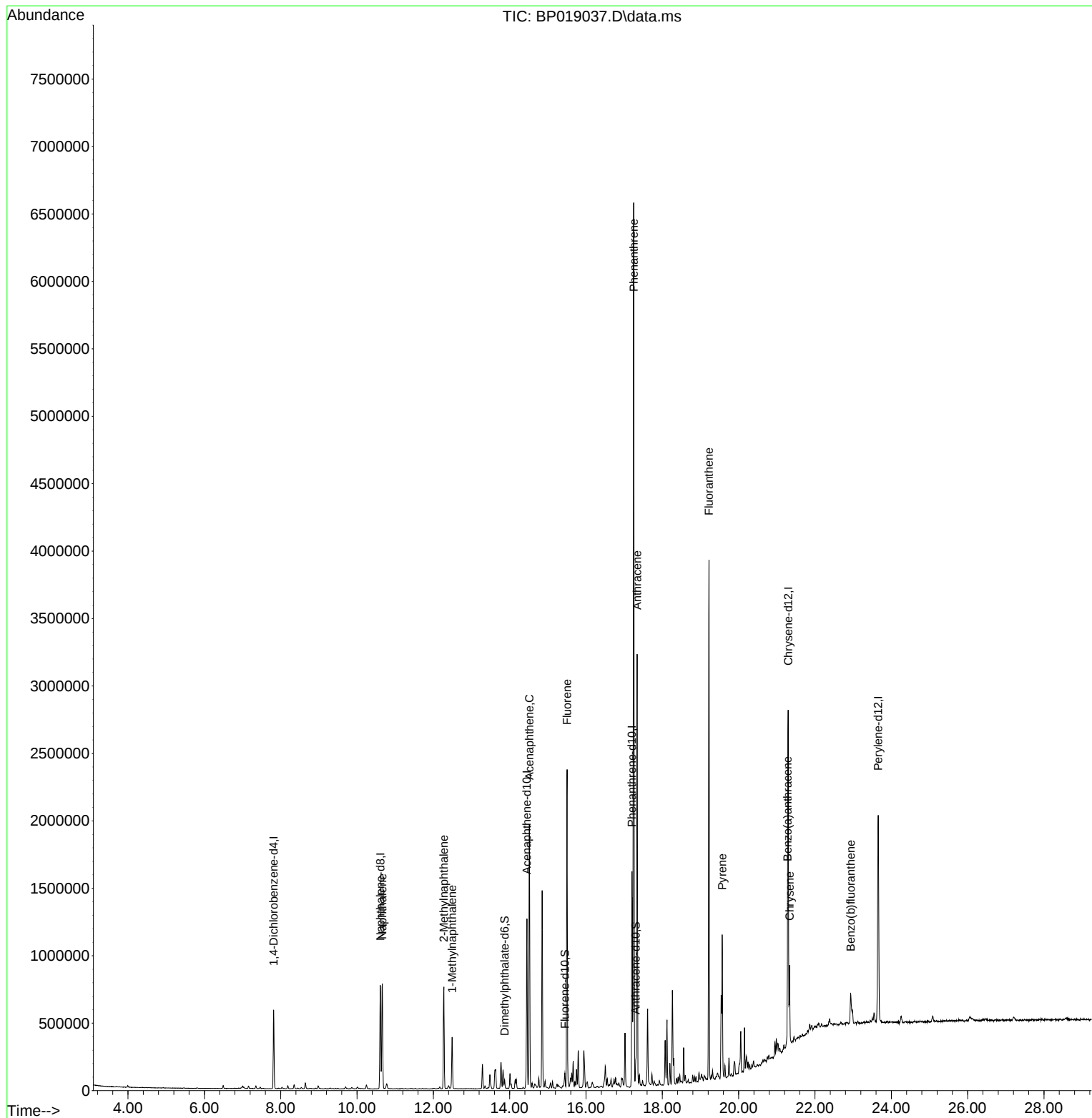
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019037.D
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ALS Vial : 37 Sample Multiplier: 1

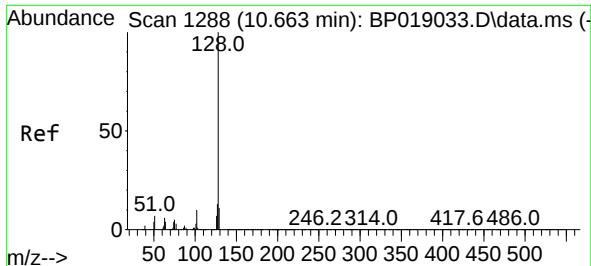
Instrument :
BNA_P
ClientSampleId :
DCLF8MEDL

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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





#30
Naphthalene
Concen: 16.760 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

Instrument :

BNA_P

ClientSampleId :

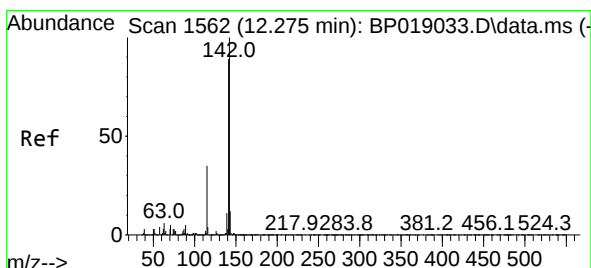
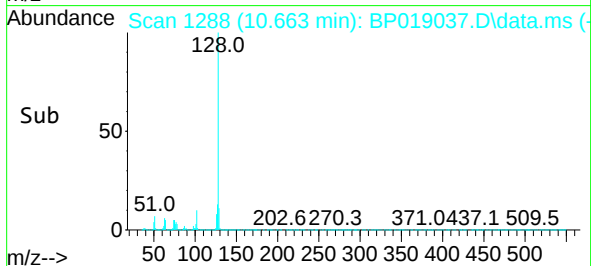
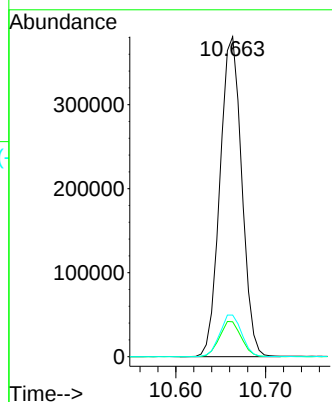
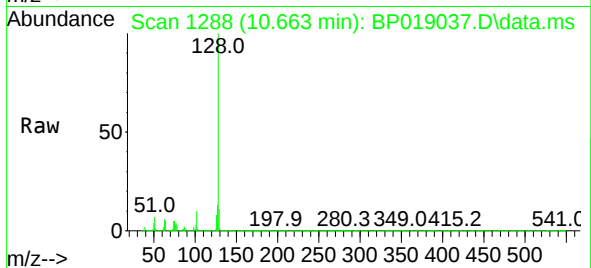
DCLF8MEDL

Tgt Ion:128 Resp: 64129
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.5 15.7

Manual Integrations

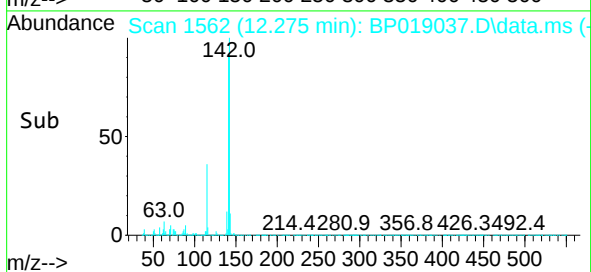
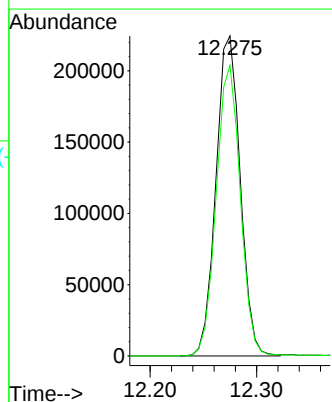
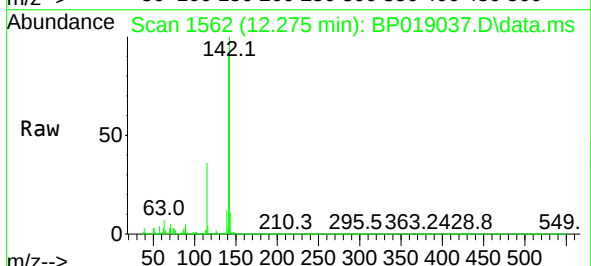
APPROVED

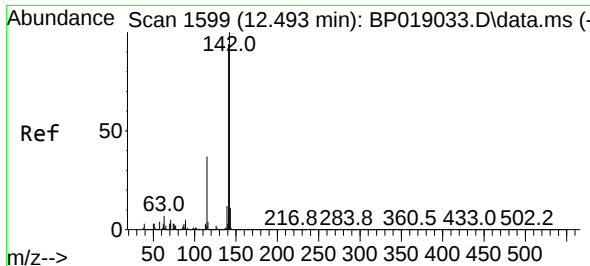
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023



#36
2-Methylnaphthalene
Concen: 13.103 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

Tgt Ion:142 Resp: 355191
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.0





#37
1-Methylnaphthalene
Concen: 6.313 ng/ul
RT: 12.493 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

Instrument :

BNA_P

ClientSampleId :

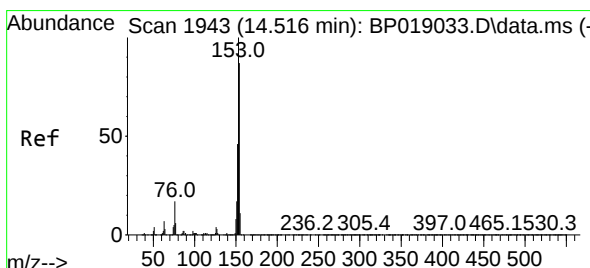
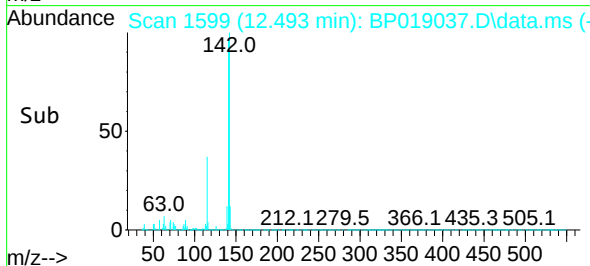
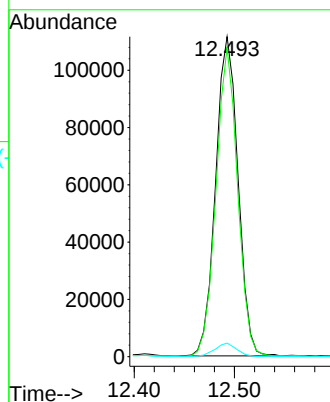
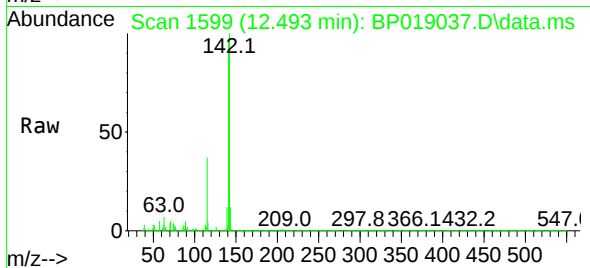
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Tgt Ion:142 Resp: 172825
Ion Ratio Lower Upper
142 100
141 96.6 73.5 110.3
116 4.2 2.8 4.2

Manual Integrations

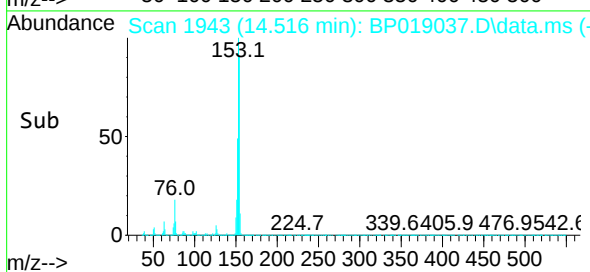
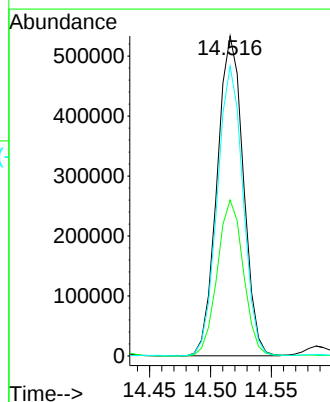
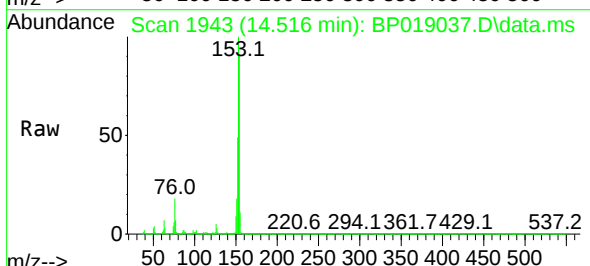
APPROVED

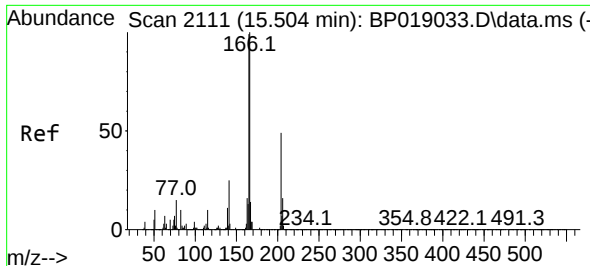
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 25.665 ng/ul
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

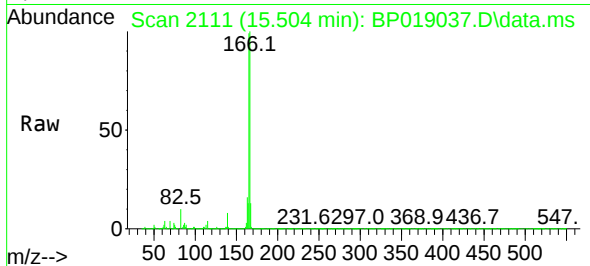
Tgt Ion:153 Resp: 800804
Ion Ratio Lower Upper
153 100
152 48.8 38.1 57.1
154 90.6 71.7 107.5





#61
Fluorene
Concen: 29.860 ng/u1
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

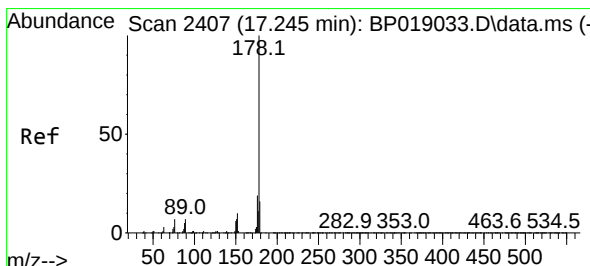
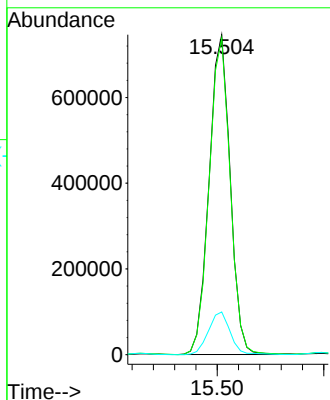
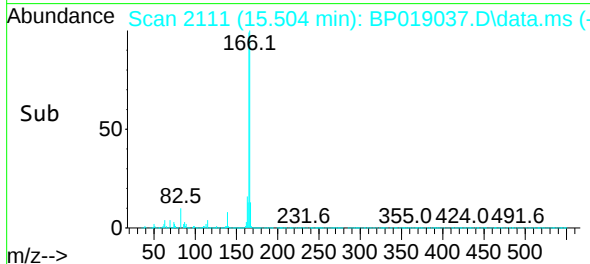
Instrument :
BNA_P
ClientSampleId :
DCLF8MEDL



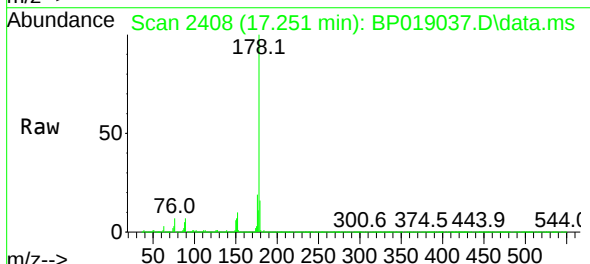
Tgt Ion:166 Resp: 1024633
Ion Ratio Lower Upper
166 100
165 98.9 78.0 117.0
167 13.4 10.8 16.2

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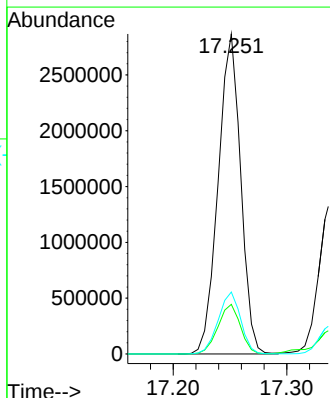
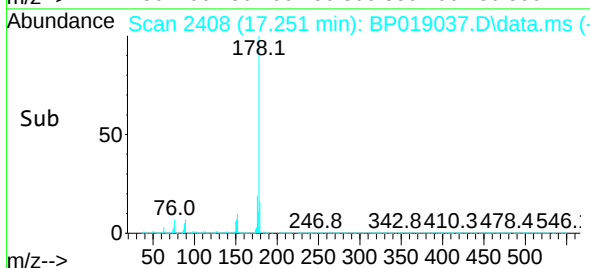
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023

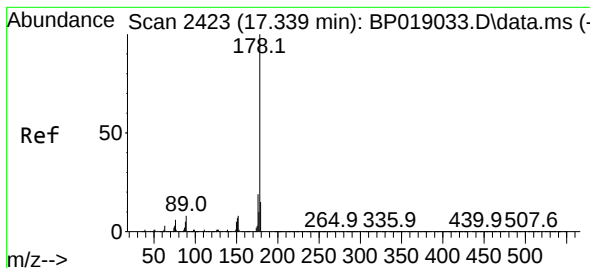


#72
Phenanthrene
Concen: 65.098 ng/u1
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10



Tgt Ion:178 Resp: 3946079
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.4 15.4 23.2





#74

Anthracene

Concen: 32.666 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP019037.D

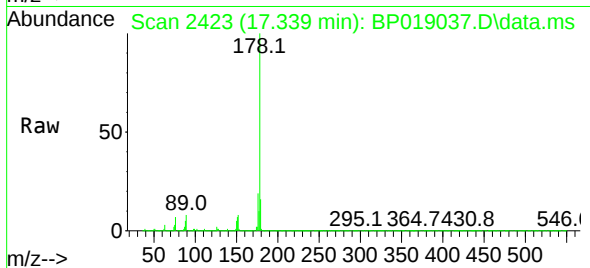
Acq: 22 Dec 2023 13:10

Instrument :

BNA_P

ClientSampleId :

DCLF8MEDL



Tgt Ion:178 Resp: 198481

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

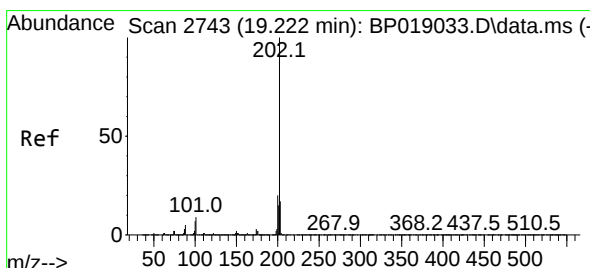
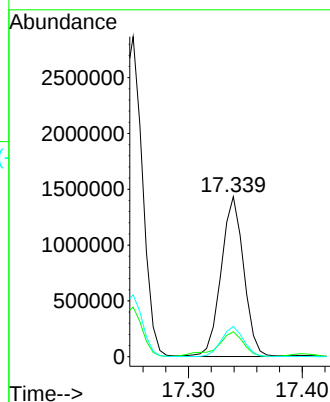
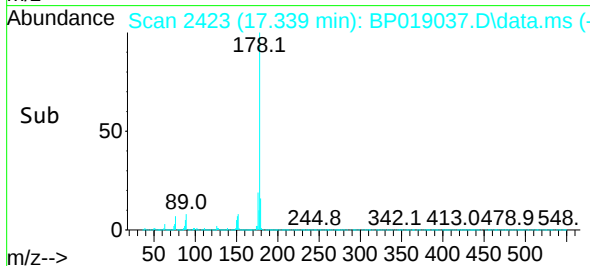
176 18.9 15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 12/25/2023



#80

Fluoranthene

Concen: 22.467 ng/ul

RT: 19.222 min Scan# 2743

Delta R.T. 0.000 min

Lab File: BP019037.D

Acq: 22 Dec 2023 13:10

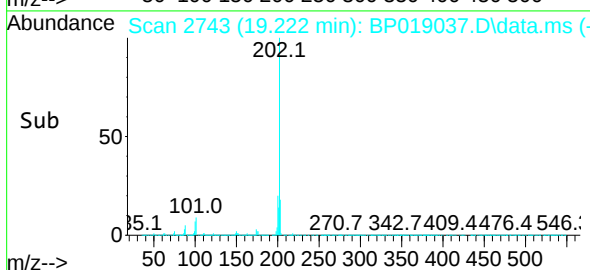
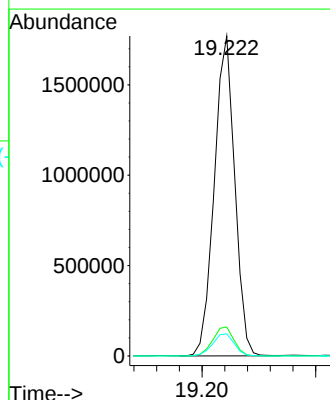
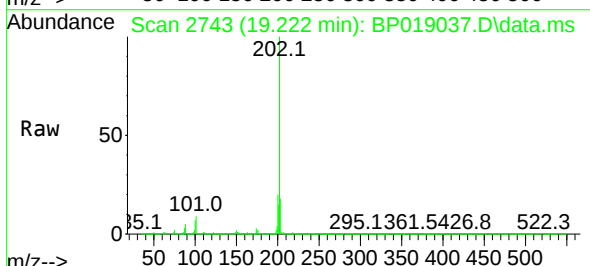
Tgt Ion:202 Resp: 2213871

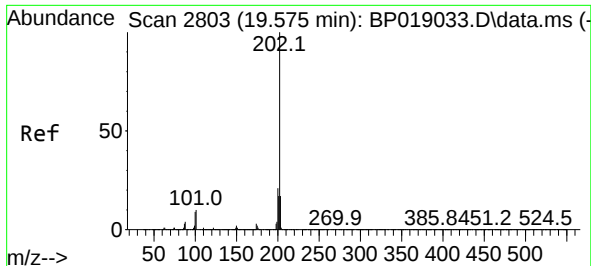
Ion Ratio Lower Upper

202 100

101 9.0 9.1 13.7#

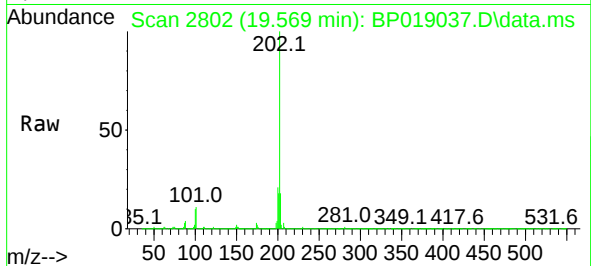
100 6.9 7.1 10.7#





#82
 Pyrene
 Concen: 6.814 ng/ul
 RT: 19.569 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019037.D
 Acq: 22 Dec 2023 13:10

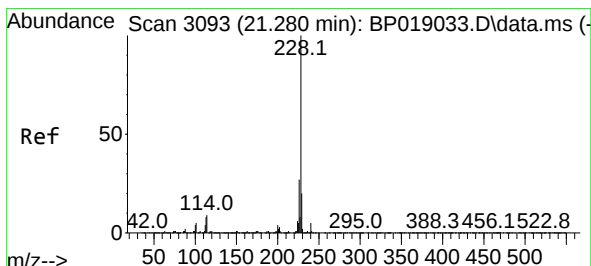
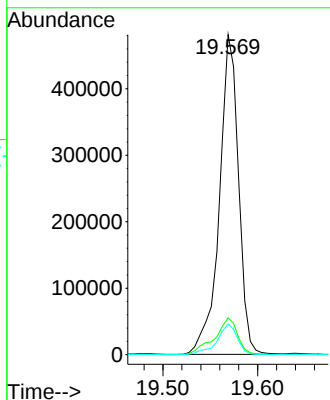
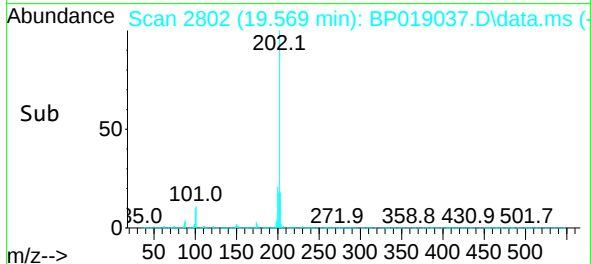
Instrument :
 BNA_P
 ClientSampleId :
 DCLF8MEDL



Tgt Ion:202 Resp: 677374
 Ion Ratio Lower Upper
 202 100
 101 11.5 11.0 16.4
 100 9.6 9.1 13.7

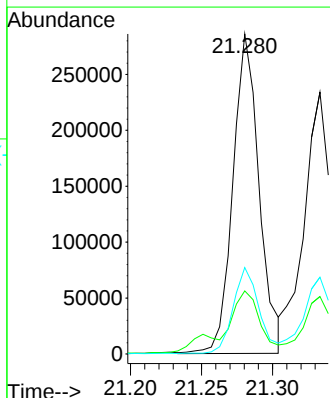
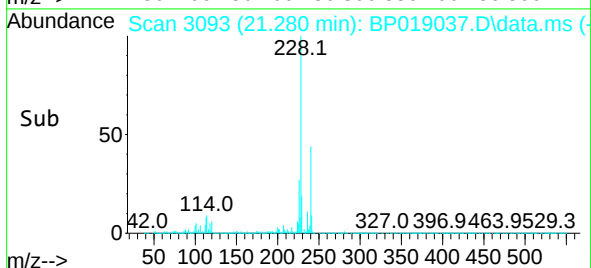
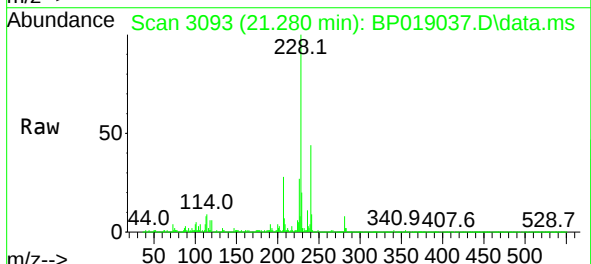
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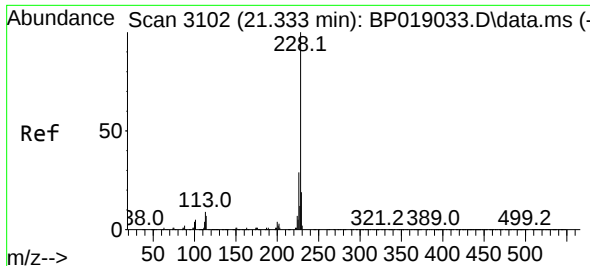
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/25/2023



#85
 Benzo(a)anthracene
 Concen: 4.234 ng/ul
 RT: 21.280 min Scan# 3093
 Delta R.T. -0.006 min
 Lab File: BP019037.D
 Acq: 22 Dec 2023 13:10

Tgt Ion:228 Resp: 368061
 Ion Ratio Lower Upper
 228 100
 229 19.7 15.7 23.5
 226 27.0 21.9 32.9





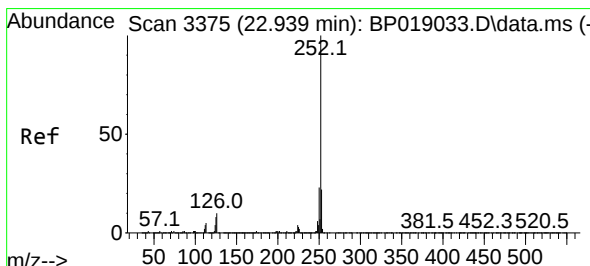
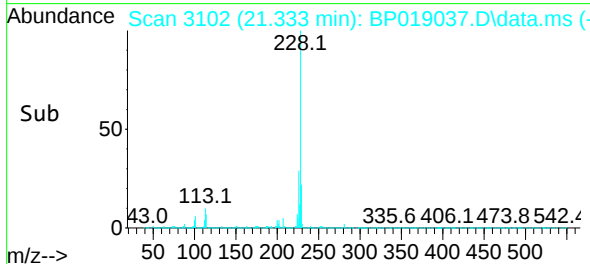
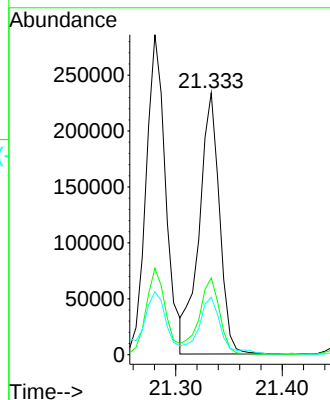
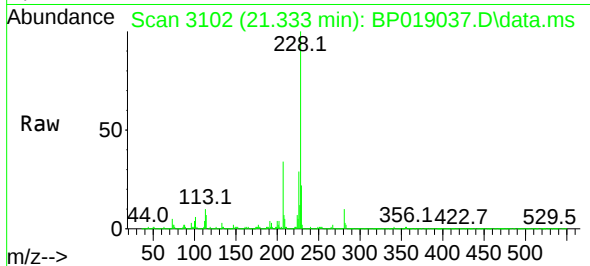
#87
Chrysene
Concen: 3.876 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

Instrument :
BNA_P
Client Sample Id :
DCLF8MEDL

Tgt Ion: 228 Resp: 310238
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 21.9 15.6 23.4

Manual Integrations
APPROVED

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



#90
Benzo(b)fluoranthene
Concen: 2.027 ng/ul
RT: 22.939 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BP019037.D
Acq: 22 Dec 2023 13:10

Tgt Ion: 252 Resp: 186298
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 9.1 7.8 11.6

