

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019430.D
 Acq On : 23 Jan 2024 21:16
 Operator : MA/JU
 Sample : P1158-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AK6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 24 00:21:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	173342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	668463	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	446573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	931395	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	698651	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	802052	20.000	ng/ul	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/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds					Qvalue	
30) Naphthalene	10.610	128	231090	6.135	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	58444	2.132	ng/ul	99
37) 1-Methylnaphthalene	12.445	142	47627	1.776	ng/ul	97
52) Acenaphthene	14.475	153	41554	1.369	ng/ul	97
56) Dibenzofuran	14.816	168	95753	2.204	ng/ul	100
61) Fluorene	15.463	166	165874	4.660	ng/ul	98
72) Phenanthrene	17.210	178	1571970	30.046	ng/ul	100
80) Fluoranthene	19.186	202	1694621	31.470	ng/ul	98
82) Pyrene	19.539	202	877728	16.059	ng/ul	99
85) Benzo(a)anthracene	21.257	228	415750	7.644	ng/ul	99
87) Chrysene	21.310	228	505425	10.166	ng/ul	99
90) Benzo(b)fluoranthene	22.910	252	458589	8.001	ng/ul#	94
91) Benzo(k)fluoranthene	22.951	252	137186m	2.467	ng/ul	

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

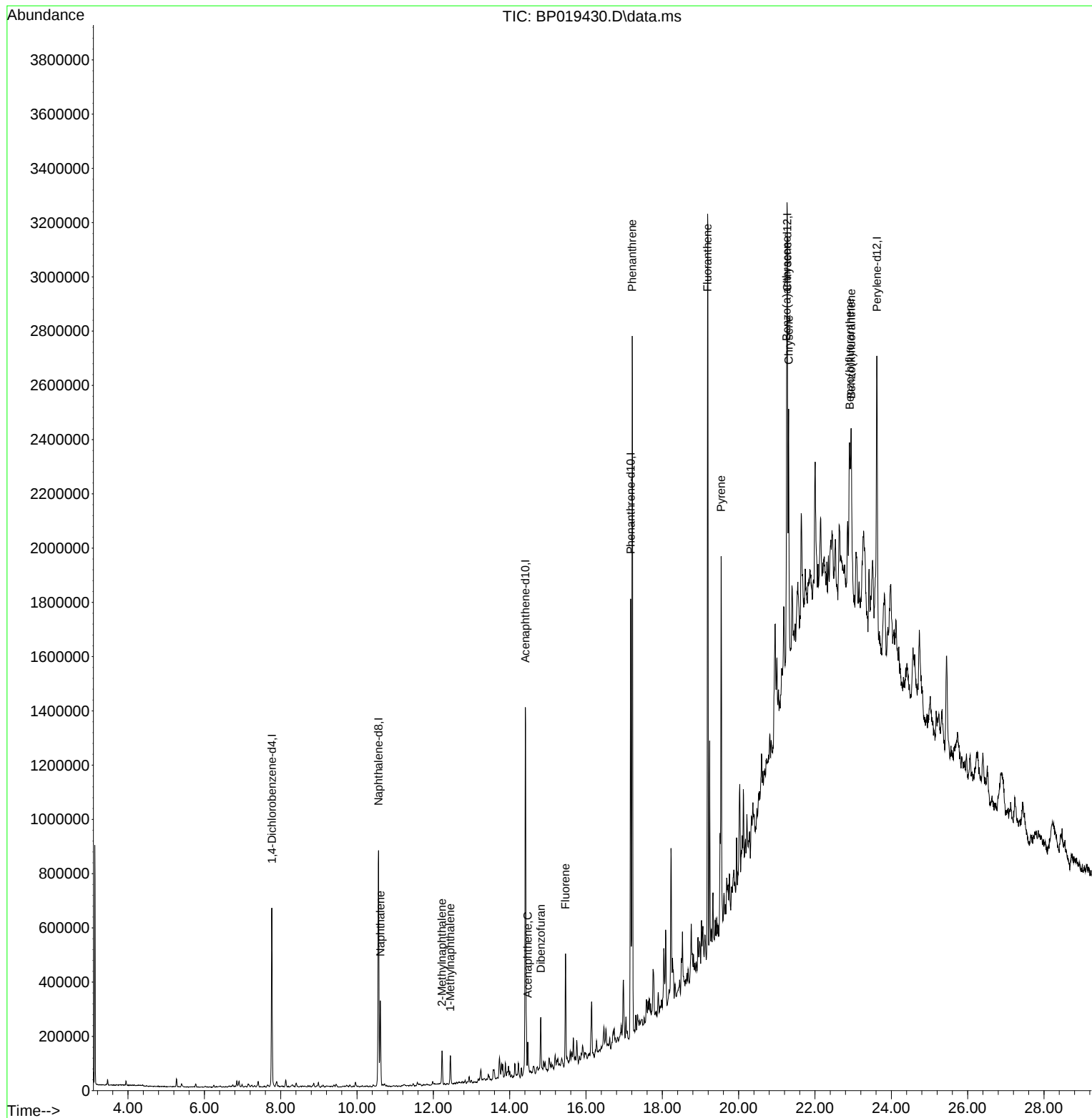
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019430.D
Acq On : 23 Jan 2024 21:16
Operator : MA/JU
Sample : P1158-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

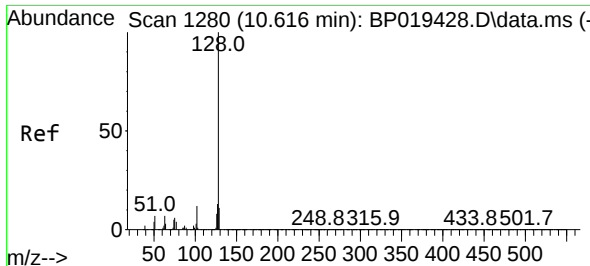
Instrument :
BNA_P
ClientSampleId :
C0AK6

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Supervised By :mohammad ahmed 01/25/2024

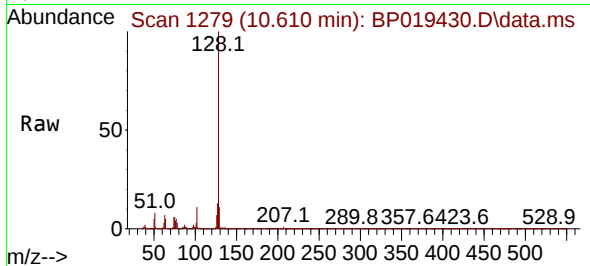
Quant Time: Jan 24 00:21:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 6.135 ng/ul
RT: 10.610 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

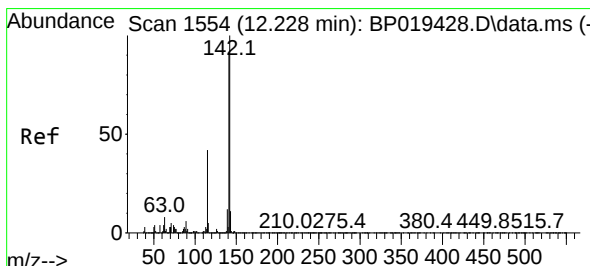
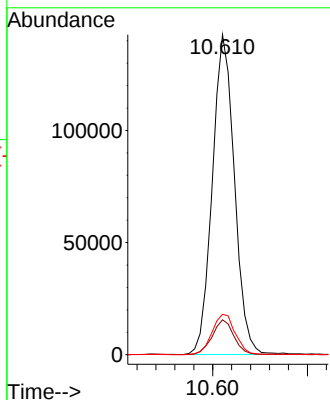
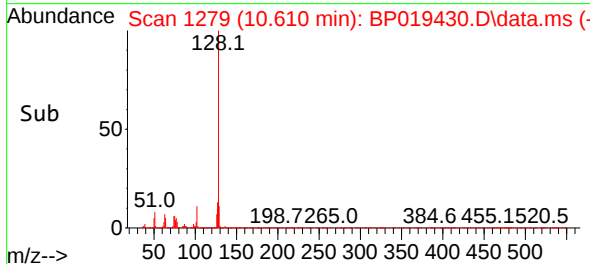
Instrument :
BNA_P
ClientSampleId :
C0AK6



Tgt Ion:128 Resp: 231090
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.6 15.8

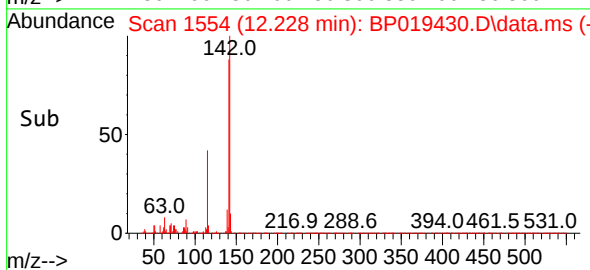
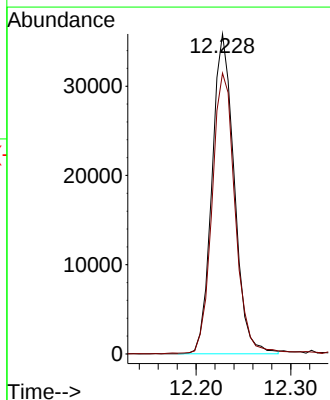
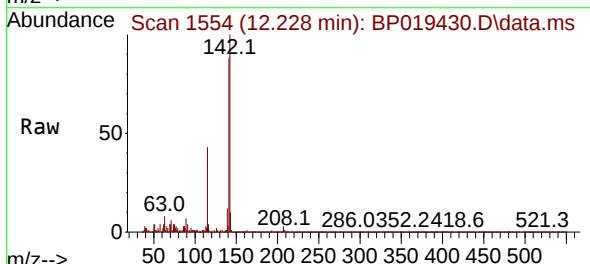
Manual Integrations
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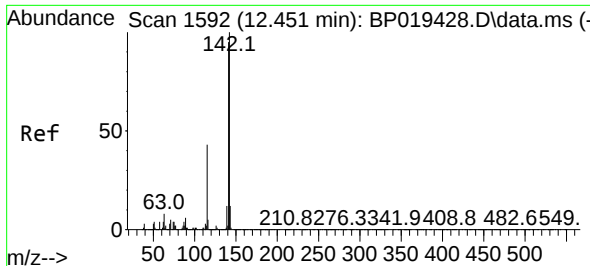
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#36
2-Methylnaphthalene
Concen: 2.132 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

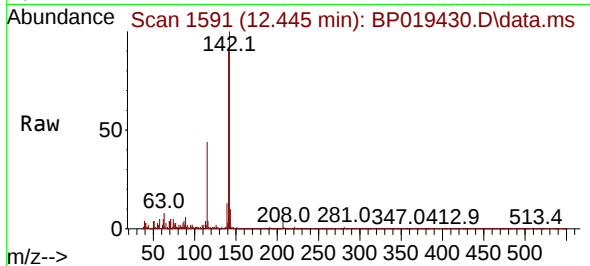
Tgt Ion:142 Resp: 58444
Ion Ratio Lower Upper
142 100
141 87.7 71.1 106.7





#37
1-Methylnaphthalene
Concen: 1.776 ng/ul
RT: 12.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

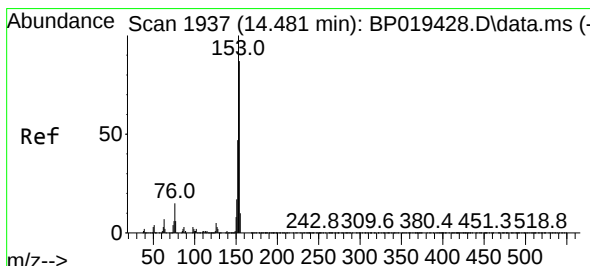
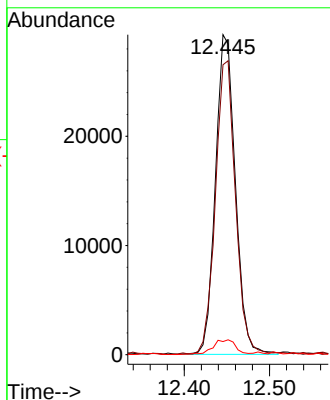
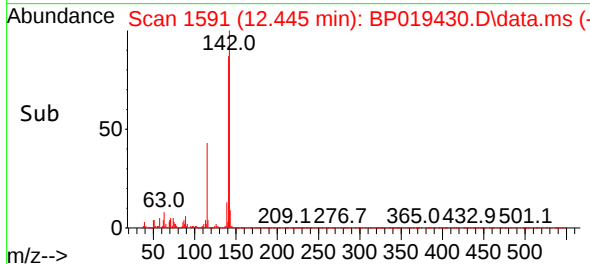
Instrument :
BNA_P
ClientSampleId :
C0AK6



Tgt Ion:142 Resp: 4762
Ion Ratio Lower Upper
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141 90.6 74.4 111.6
116 4.1 3.9 5.9

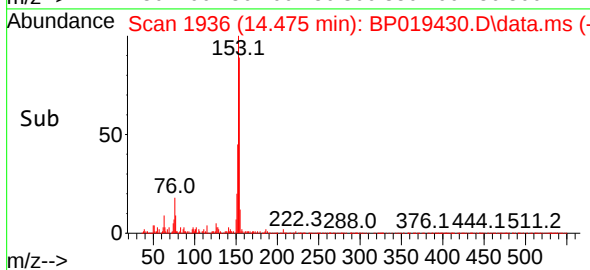
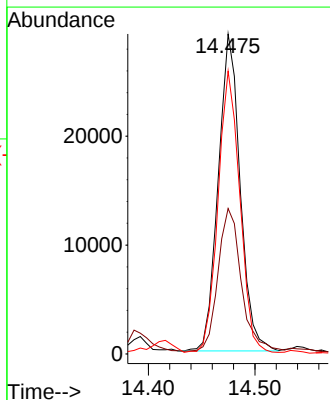
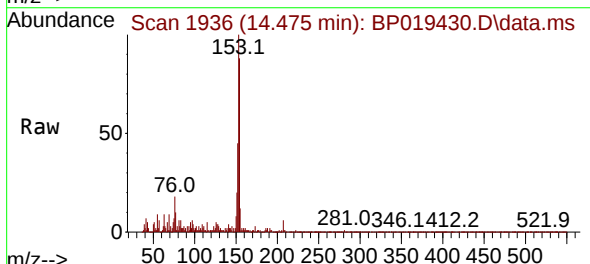
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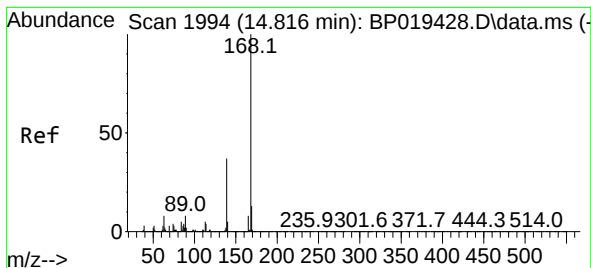
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#52
Acenaphthene
Concen: 1.369 ng/ul
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

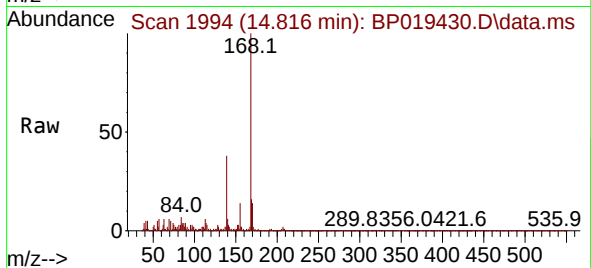
Tgt Ion:153 Resp: 41554
Ion Ratio Lower Upper
153 100
152 45.4 38.2 57.2
154 88.4 68.9 103.3





#56
Dibenzenofuran
Concen: 2.204 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

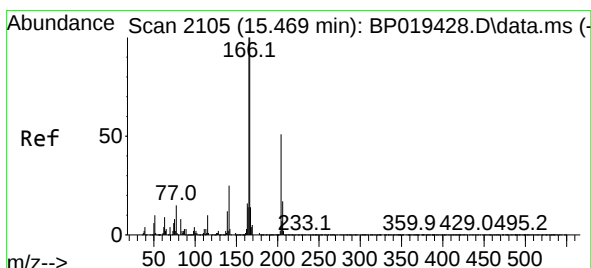
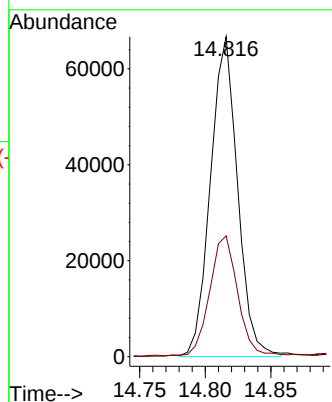
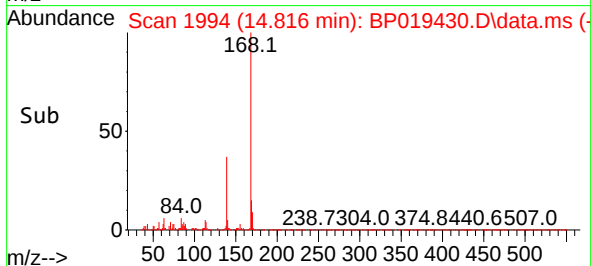
Instrument :
BNA_P
ClientSampleId :
C0AK6



Tgt Ion:168 Resp: 9575
Ion Ratio Lower Upper
168 100
139 37.8 30.3 45.5

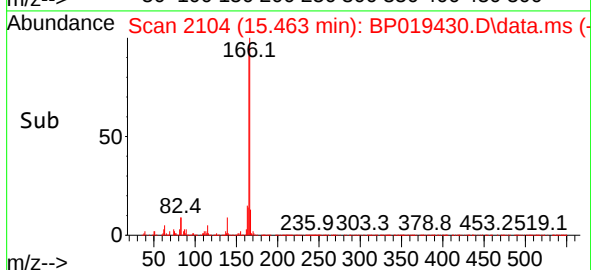
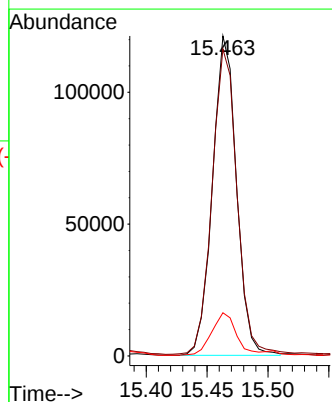
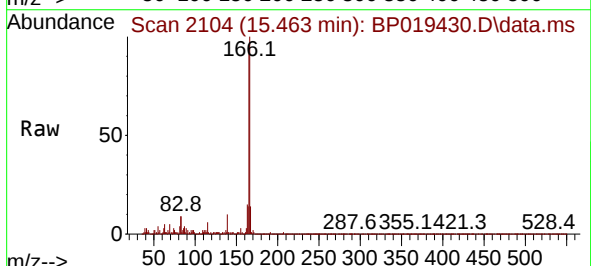
Manual Integrations
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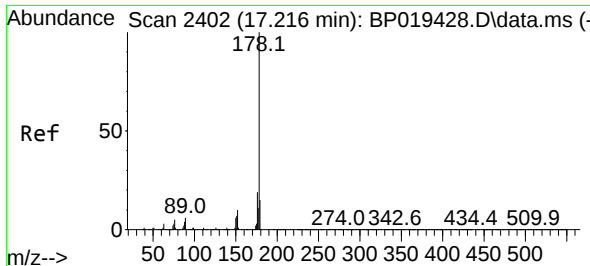
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#61
Fluorene
Concen: 4.660 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

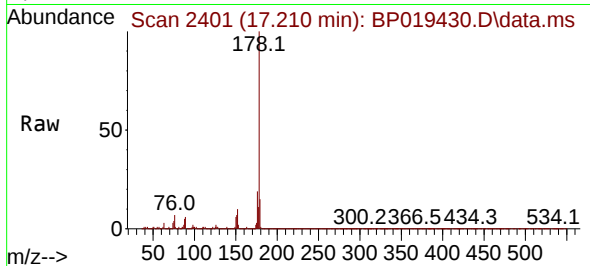
Tgt Ion:166 Resp: 165874
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 13.5 10.6 15.8





#72
Phenanthrene
Concen: 30.046 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

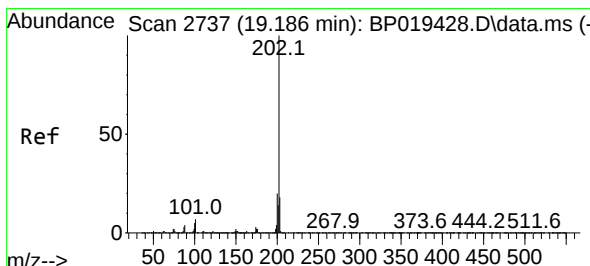
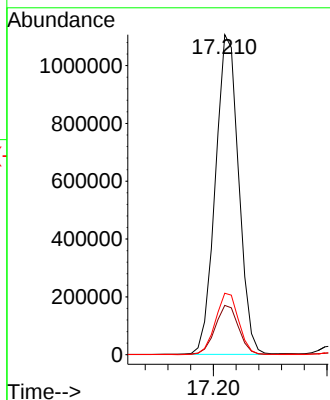
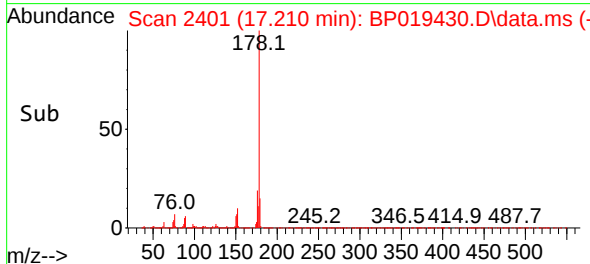
Instrument :
BNA_P
ClientSampleId :
C0AK6



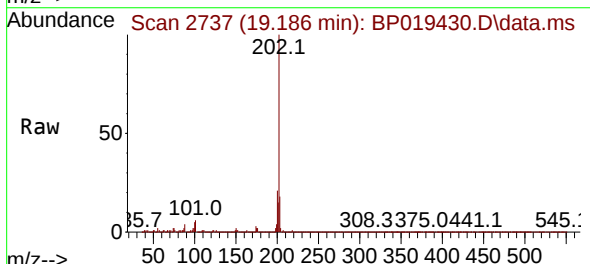
Tgt Ion:178 Resp: 1571970
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.2 15.4 23.2

Manual Integrations
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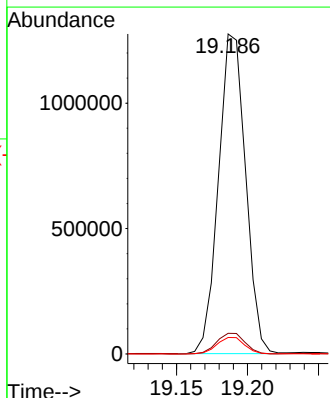
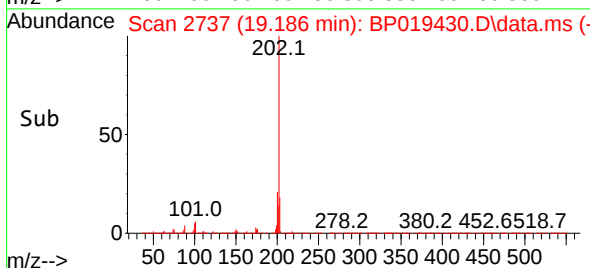
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

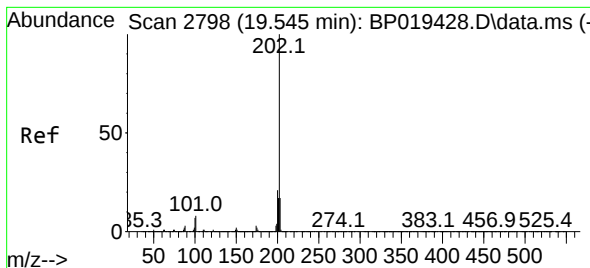


#80
Fluoranthene
Concen: 31.470 ng/ul
RT: 19.186 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16



Tgt Ion:202 Resp: 1694621
Ion Ratio Lower Upper
202 100
101 6.5 5.9 8.9
100 5.2 4.6 7.0





#82

Pyrene

Concen: 16.059 ng/ul

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019430.D

Acq: 23 Jan 2024 21:16

Instrument :

BNA_P

ClientSampleId :

C0AK6

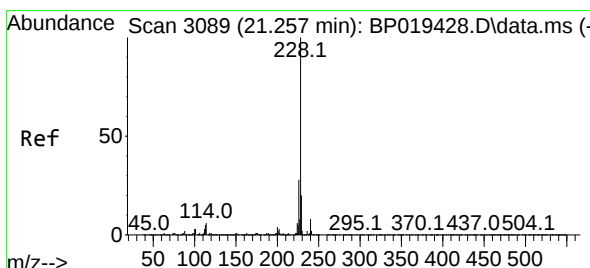
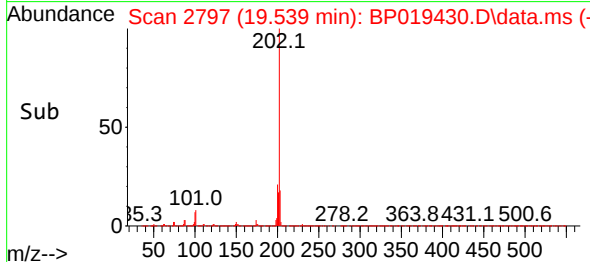
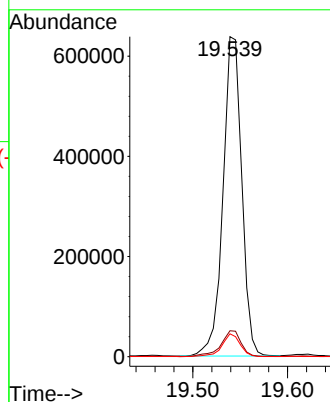
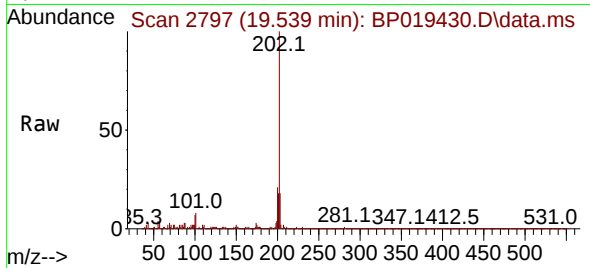
Tgt Ion:202 Resp: 877728

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.2	10.8
100	7.2	5.8	8.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 7.644 ng/ul

RT: 21.257 min Scan# 3089

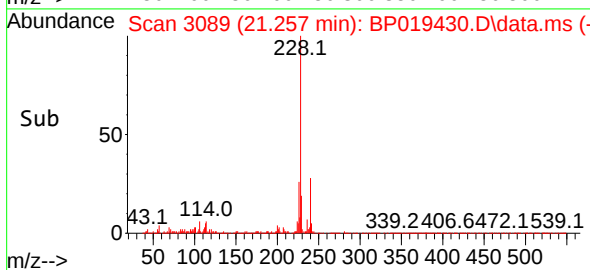
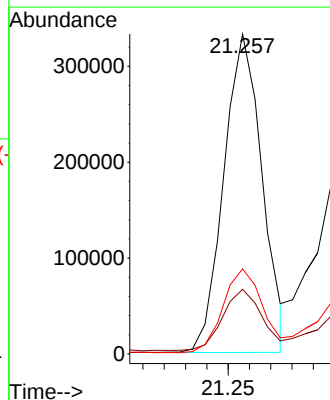
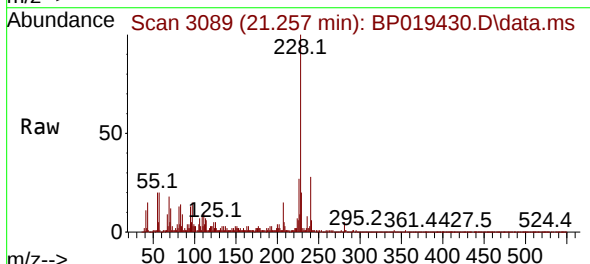
Delta R.T. -0.006 min

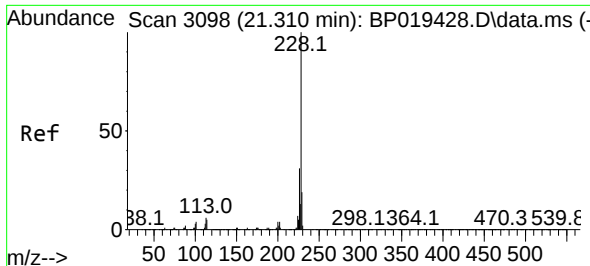
Lab File: BP019430.D

Acq: 23 Jan 2024 21:16

Tgt Ion:228 Resp: 415750

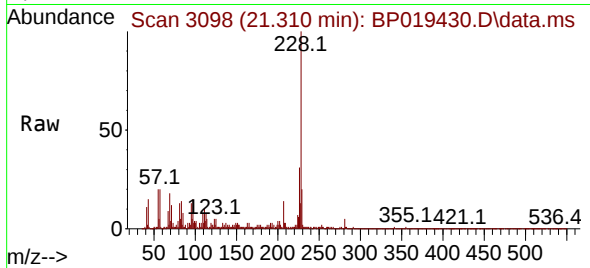
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	26.6	21.6	32.4





#87
Chrysene
Concen: 10.166 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

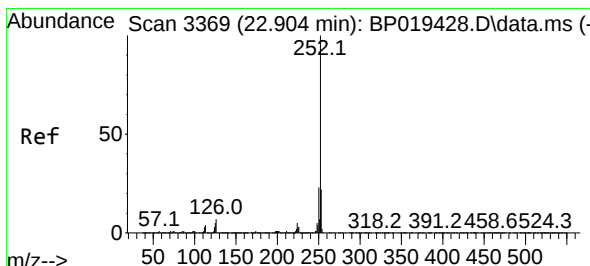
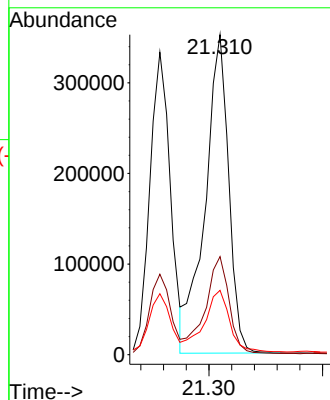
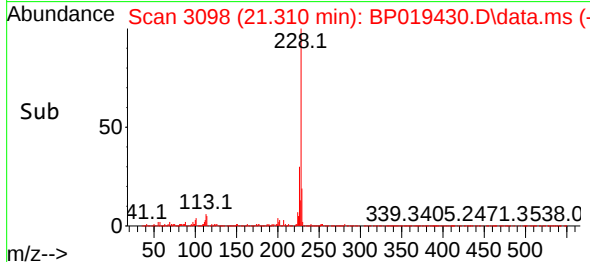
Instrument :
BNA_P
ClientSampleId :
C0AK6



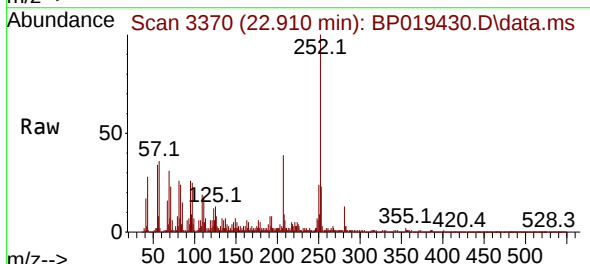
Tgt Ion:228 Resp: 505429
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.1 15.5 23.3

Manual Integrations
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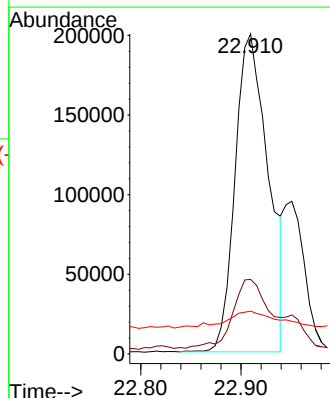
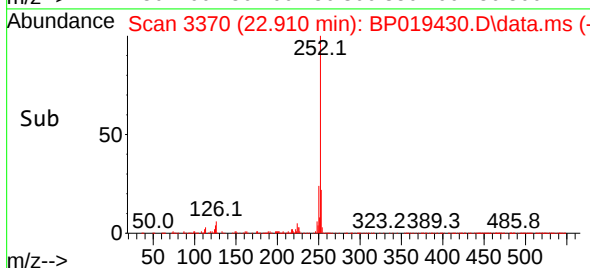
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

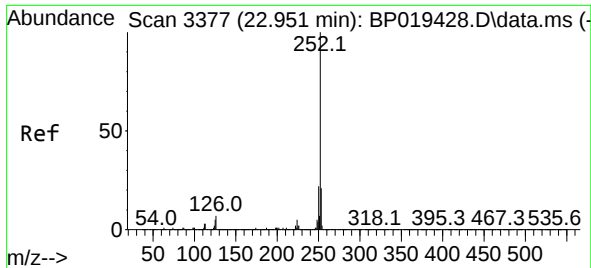


#90
Benzo(b)fluoranthene
Concen: 8.001 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. -0.000 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16



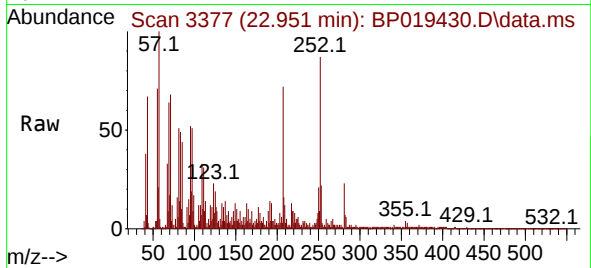
Tgt Ion:252 Resp: 458589
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 13.4 4.9 7.3





#91
Benzo(k)fluoranthene
Concen: 2.467 ng/ul m
RT: 22.951 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Instrument :
BNA_P
ClientSampleId :
C0AK6



Tgt Ion:252 Resp: 137180
Ion Ratio Lower Upper
252 100
253 25.6 17.3 25.9
125 21.4 4.8 7.2

Manual Integrations
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