

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020920.D
 Acq On : 12 Jul 2024 03:35
 Operator : MA/JU
 Sample : P3087-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CE9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:08:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	212408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	842070	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	537063	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1200655	20.000	ng/u1	-0.01
79) Chrysene-d12	21.616	240	1232876	20.000	ng/u1	0.00
88) Perylene-d12	24.962	264	1415149	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	19504	4.179	ng/uL	0.00
4) Pyridine-d5	3.693	84	11136m	0.824	ng/u1	0.02
7) Phenol-d5	6.922	99	363195	20.973	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	251413	23.957	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	339020	23.761	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	237945	16.544	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	162703	24.876	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	185225	24.743	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	307240	22.697	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	272380	15.189	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	942830	24.149	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1082320	24.689	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	132188	23.797	ng/u1	0.00
60) Fluorene-d10	15.363	176	828980	25.882	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	122026	16.797	ng/u1	0.00
73) Anthracene-d10	17.263	188	1309064	24.548	ng/u1	-0.01
81) Pyrene-d10	19.651	212	1454106	19.077	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.727	264	1058740	15.169	ng/u1	-0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.204	178	173582	2.787	ng/u1	98
80) Fluoranthene	19.304	202	443218	4.815	ng/u1	99
82) Pyrene	19.680	202	321287	3.430	ng/u1	99
85) Benzo(a)anthracene	21.598	228	210529	2.438	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.516	149	62091	1.106	ng/u1	100
87) Chrysene	21.669	228	257177	3.205	ng/u1	98
90) Benzo(b)fluoranthene	23.898	252	347218m	4.043	ng/u1	
91) Benzo(k)fluoranthene	23.968	252	114334m	1.334	ng/u1	
93) Benzo(a)pyrene	24.798	252	110906	1.367	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.774	276	114139m	1.091	ng/u1	

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

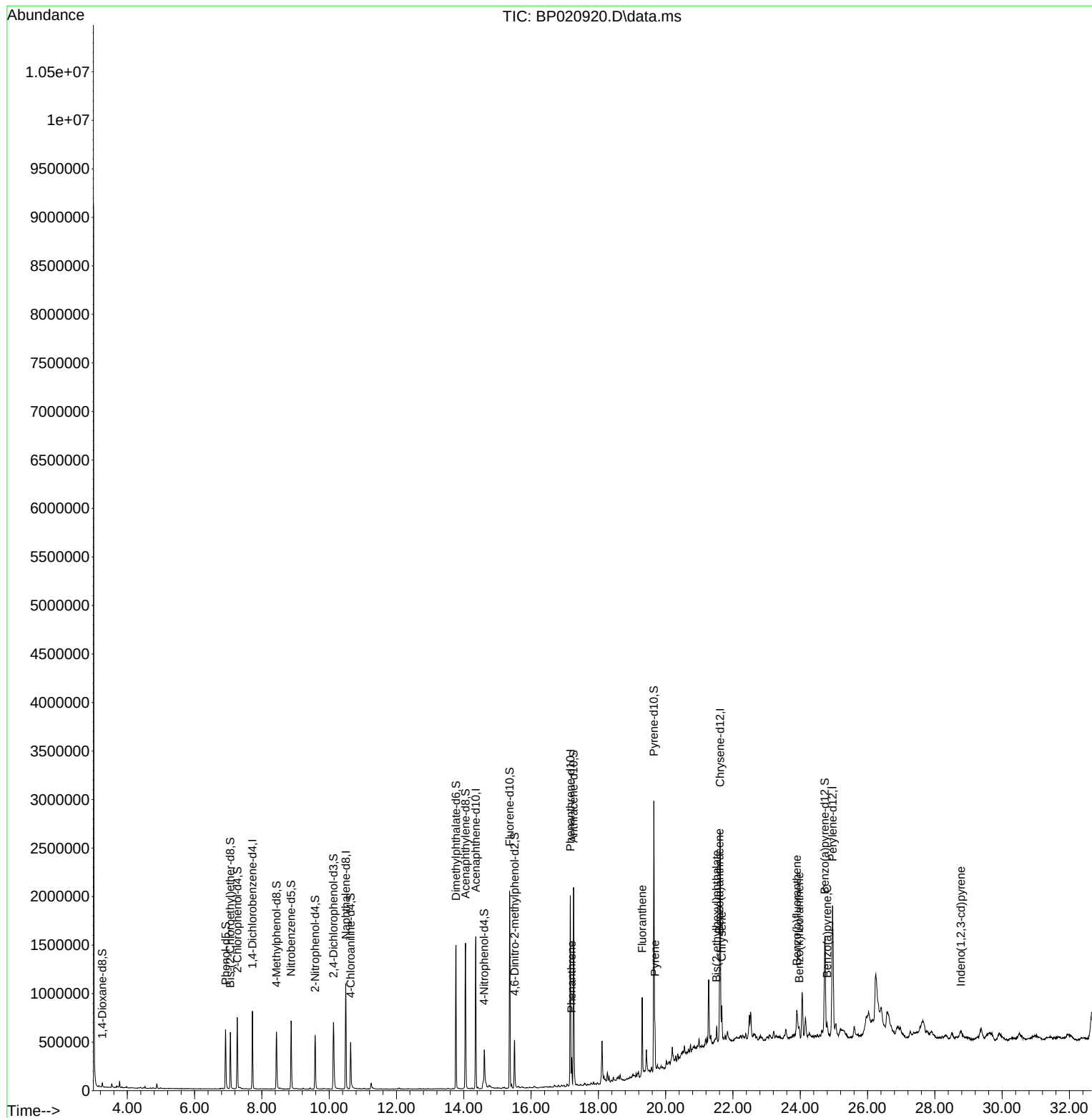
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020920.D
Acq On : 12 Jul 2024 03:35
Operator : MA/JU
Sample : P3087-11
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ALS Vial : 27 Sample Multiplier: 1

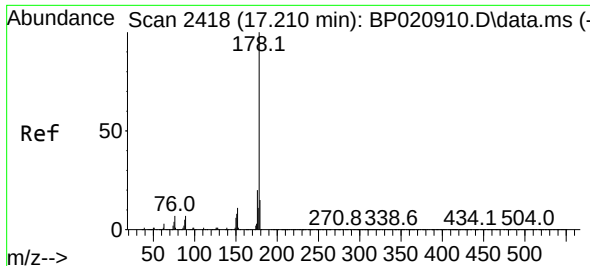
Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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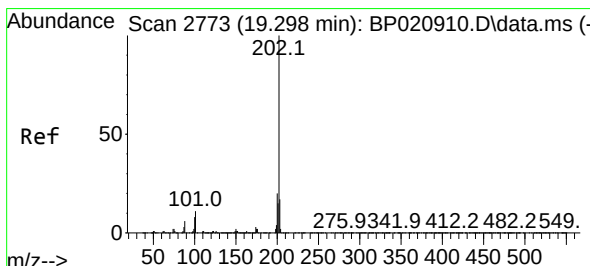
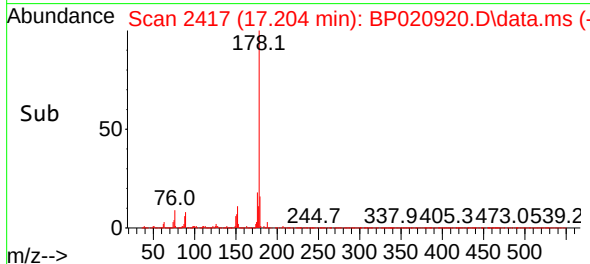
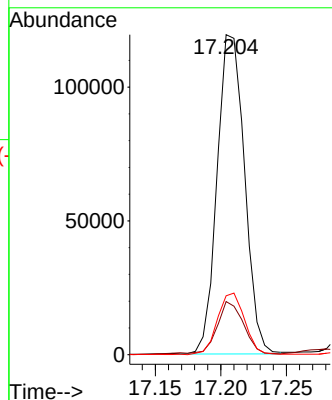
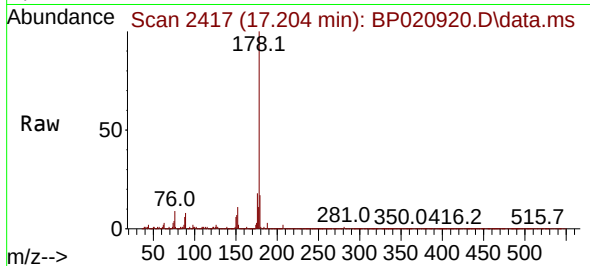
#72
Phenanthrene
Concen: 2.787 ng/ul
RT: 17.204 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BP020920.D
Acq: 12 Jul 2024 03:35

Instrument :
BNA_P
ClientSampleId :
A4CE9

Tgt Ion:178 Resp: 17358
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.4
176 18.4 15.0 22.4

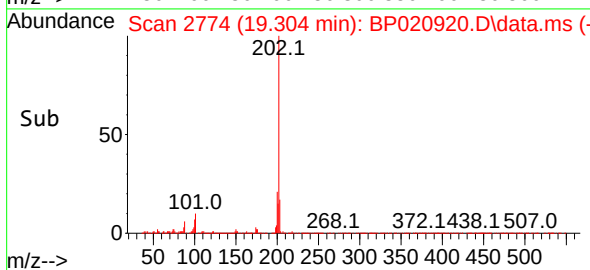
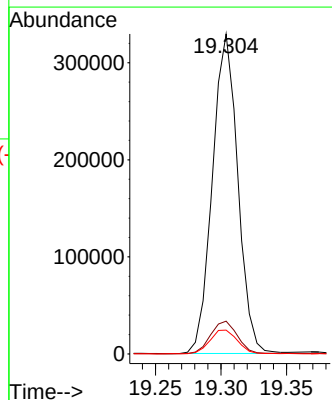
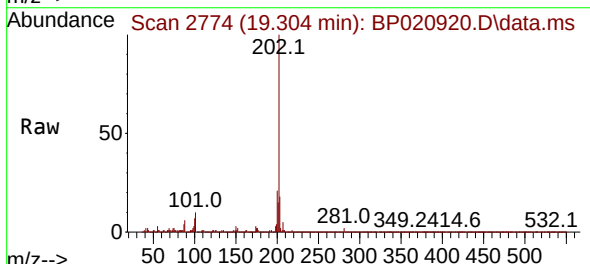
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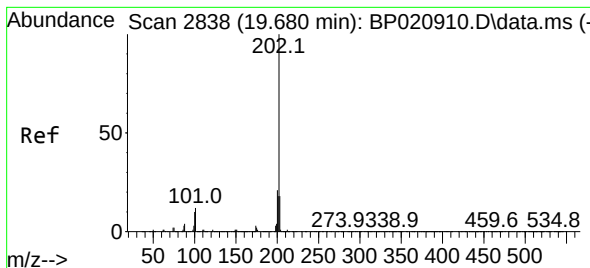
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#80
Fluoranthene
Concen: 4.815 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. -0.006 min
Lab File: BP020920.D
Acq: 12 Jul 2024 03:35

Tgt Ion:202 Resp: 443218
Ion Ratio Lower Upper
202 100
101 10.2 8.0 12.0
100 7.5 6.1 9.1





#82

Pyrene

Concen: 3.430 ng/ul

RT: 19.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020920.D

Acq: 12 Jul 2024 03:35

Instrument :

BNA_P

ClientSampleId :

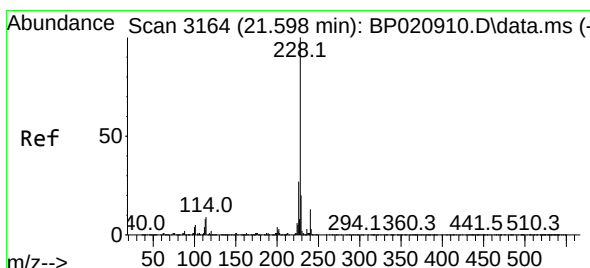
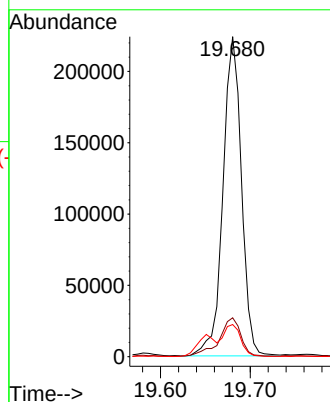
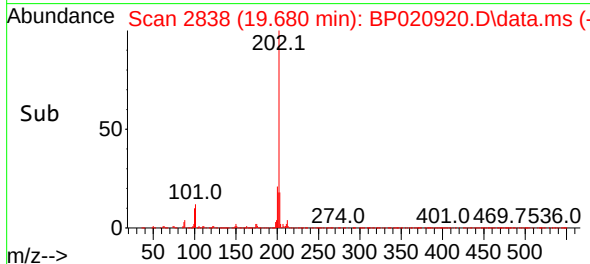
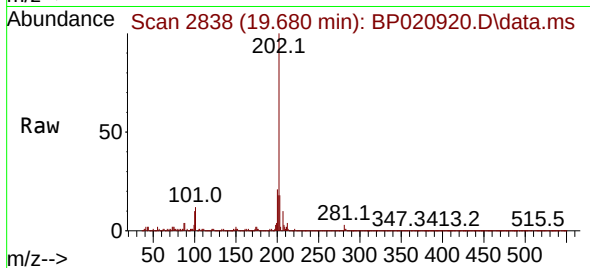
A4CE9

Tgt Ion:	202	Resp:	32128
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.4	14.2
100	10.1	7.8	11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.438 ng/ul

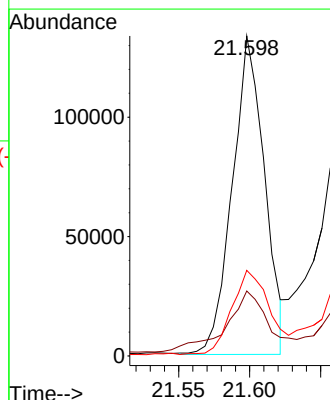
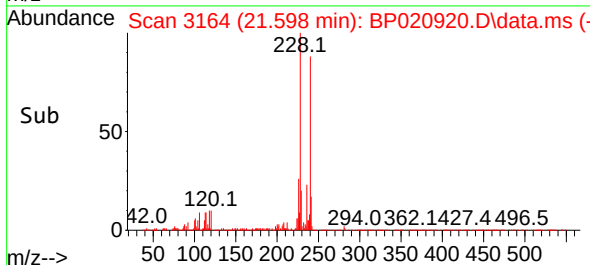
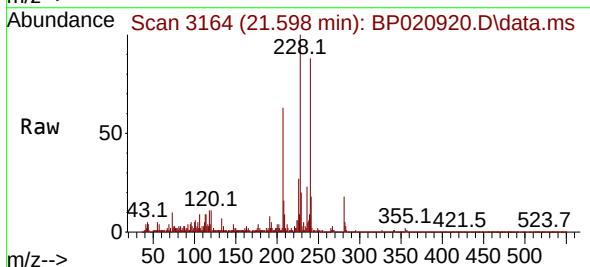
RT: 21.598 min Scan# 3164

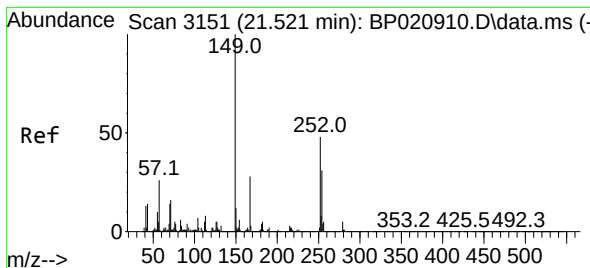
Delta R.T. -0.012 min

Lab File: BP020920.D

Acq: 12 Jul 2024 03:35

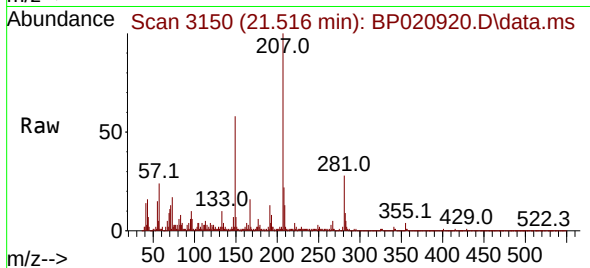
Tgt Ion:	228	Resp:	210529
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.5	23.3
226	26.8	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.106 ng/ul
RT: 21.516 min Scan# 3150
Delta R.T. -0.024 min
Lab File: BP020920.D
Acq: 12 Jul 2024 03:35

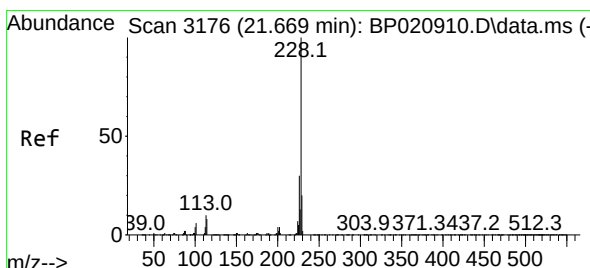
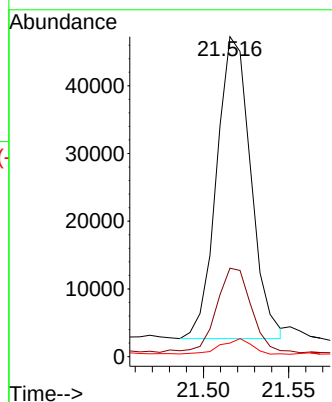
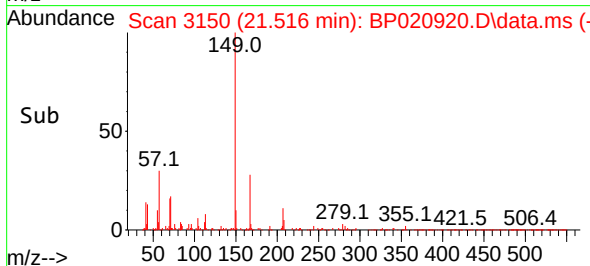
Instrument :
BNA_P
ClientSampleId :
A4CE9



Tgt Ion:149 Resp: 62091
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.2 3.7 5.5

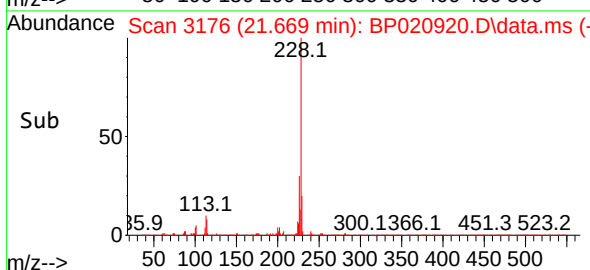
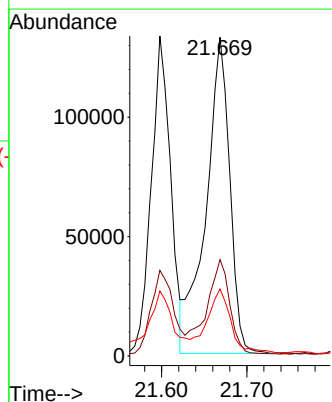
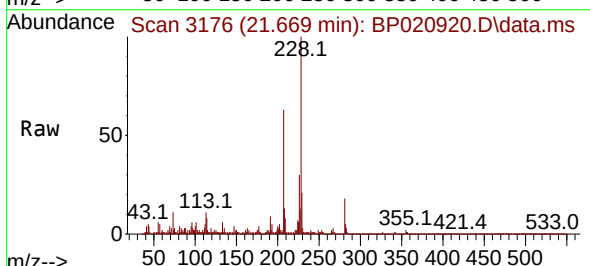
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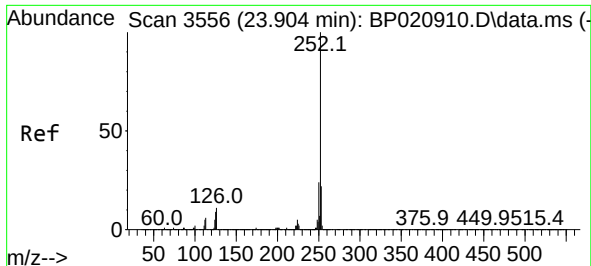
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#87
Chrysene
Concen: 3.205 ng/ul
RT: 21.669 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020920.D
Acq: 12 Jul 2024 03:35

Tgt Ion:228 Resp: 257177
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.0 15.5 23.3





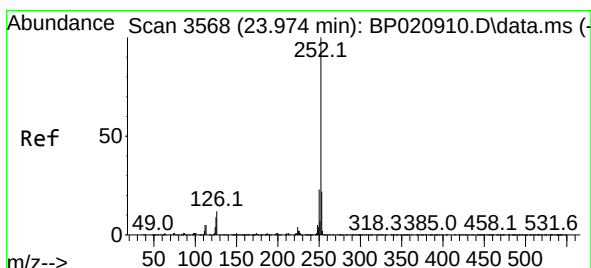
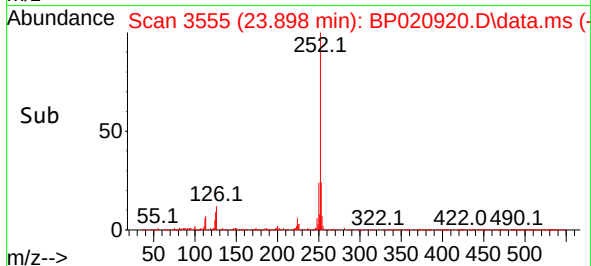
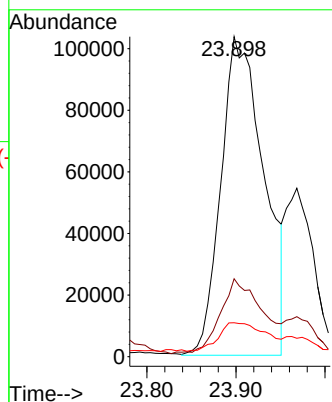
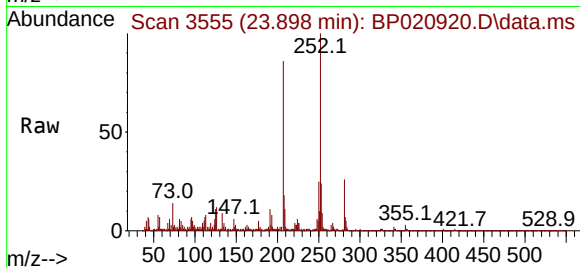
#90
Benzo(b)fluoranthene
Concen: 4.043 ng/ul m
RT: 23.898 min Scan# 3555
Delta R.T. -0.024 min
Lab File: BP020920.D
Acq: 12 Jul 2024 03:35

Instrument :
BNA_P
ClientSampleId :
A4CE9

Tgt Ion:252 Resp: 347218
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 10.6 7.0 10.4

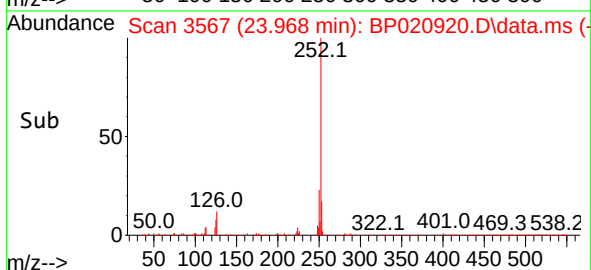
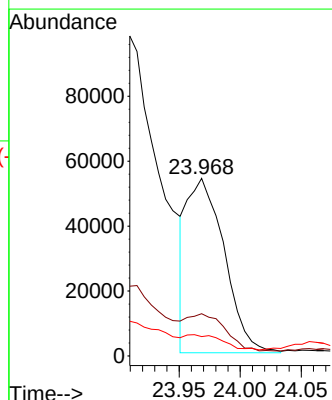
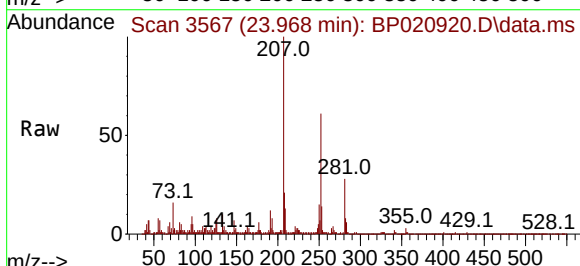
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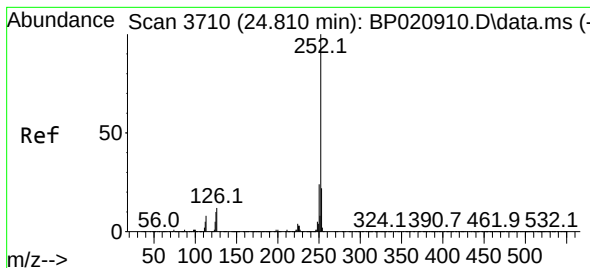
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#91
Benzo(k)fluoranthene
Concen: 1.334 ng/ul m
RT: 23.968 min Scan# 3567
Delta R.T. -0.024 min
Lab File: BP020920.D
Acq: 12 Jul 2024 03:35

Tgt Ion:252 Resp: 114334
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 10.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 1.367 ng/ul

RT: 24.798 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP020920.D

Acq: 12 Jul 2024 03:35

Instrument :

BNA_P

ClientSampleId :

A4CE9

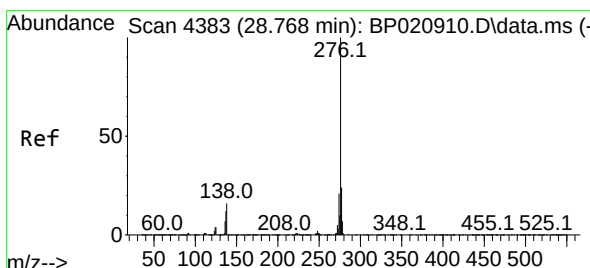
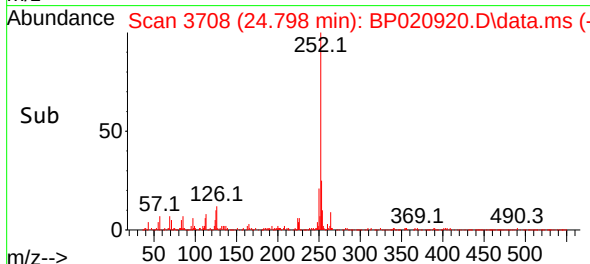
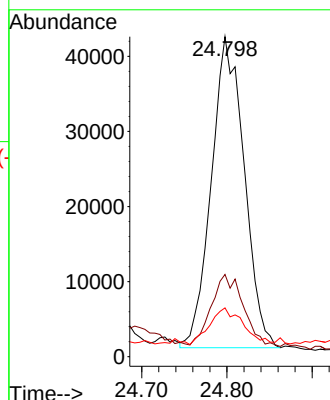
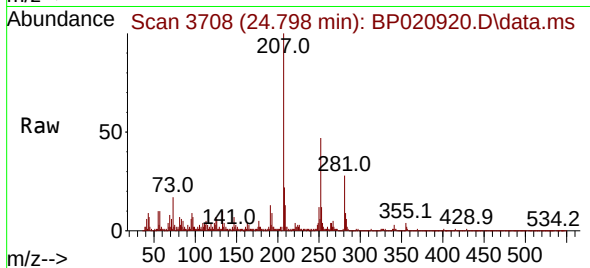
Tgt Ion:252 Resp: 110900

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	15.3	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.091 ng/ul m

RT: 28.774 min Scan# 4384

Delta R.T. -0.012 min

Lab File: BP020920.D

Acq: 12 Jul 2024 03:35

Tgt Ion:276 Resp: 114139

Ion	Ratio	Lower	Upper
276	100		
138	20.7	14.3	21.5
277	30.0	19.2	28.8

