

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
 Data File : BP011919.D
 Acq On : 04 Oct 2022 19:00
 Operator : CG/JU
 Sample : N4859-13DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10009DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
 Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 05 06:06:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	248753	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	1025886	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.534	164	654265	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1418056	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1513402	20.000	ng/u1	-0.01
88) Perylene-d12	23.810	264	1616877	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	7662	1.358	ng/uL	0.00
4) Pyridine-d5	3.734	84	91262	5.524	ng/u1	0.00
7) Phenol-d5	7.052	99	85034	3.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	189640	15.932	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.416	132	230210	13.580	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	152546	8.593	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	141168	18.066	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.775	143	143585	17.175	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	256783	16.606	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	565873m	24.004	ng/u1	-0.01
46) Dimethylphthalate-d6	13.940	166	885195	18.920	ng/u1	-0.01
49) Acenaphthylene-d8	14.222	160	1022475	19.170	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.734	143	32710	3.376	ng/u1	0.00
60) Fluorene-d10	15.528	176	809066	19.912	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	108008	12.584	ng/u1	0.00
73) Anthracene-d10	17.386	188	1297545	20.087	ng/u1	-0.01
81) Pyrene-d10	19.622	212	1528214	19.939	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.651	264	1616270	19.969	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.746	128	538068	9.765	ng/u1	99
37) 1-Methylnaphthalene	12.575	142	1153662	29.878	ng/u1	98
43) 1,1'-Biphenyl	13.363	154	1420757	29.359	ng/u1	100
50) Acenaphthylene	14.251	152	2825432	47.697	ng/u1	99
52) Acenaphthene	14.598	153	2194619	52.511	ng/u1	99
56) Dibenzofuran	14.934	168	3114574	54.409	ng/u1	99
61) Fluorene	15.581	166	1943489	41.453	ng/u1	98
72) Phenanthrene	17.333	178	4006620	51.412	ng/u1	99
74) Anthracene	17.422	178	510291	6.508	ng/u1	99
77) Carbazole	17.698	167	1349933	19.055	ng/u1	99
80) Fluoranthene	19.298	202	887384	9.461	ng/u1	97
82) Pyrene	19.651	202	610095	6.247	ng/u1	95
85) Benzo(a)anthracene	21.357	228	174516	1.763	ng/u1	96
87) Chrysene	21.410	228	130792	1.408	ng/u1	97
90) Benzo(b)fluoranthene	23.063	252	148968	1.443	ng/u1#	82
93) Benzo(a)pyrene	23.698	252	127566	1.385	ng/u1#	86

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

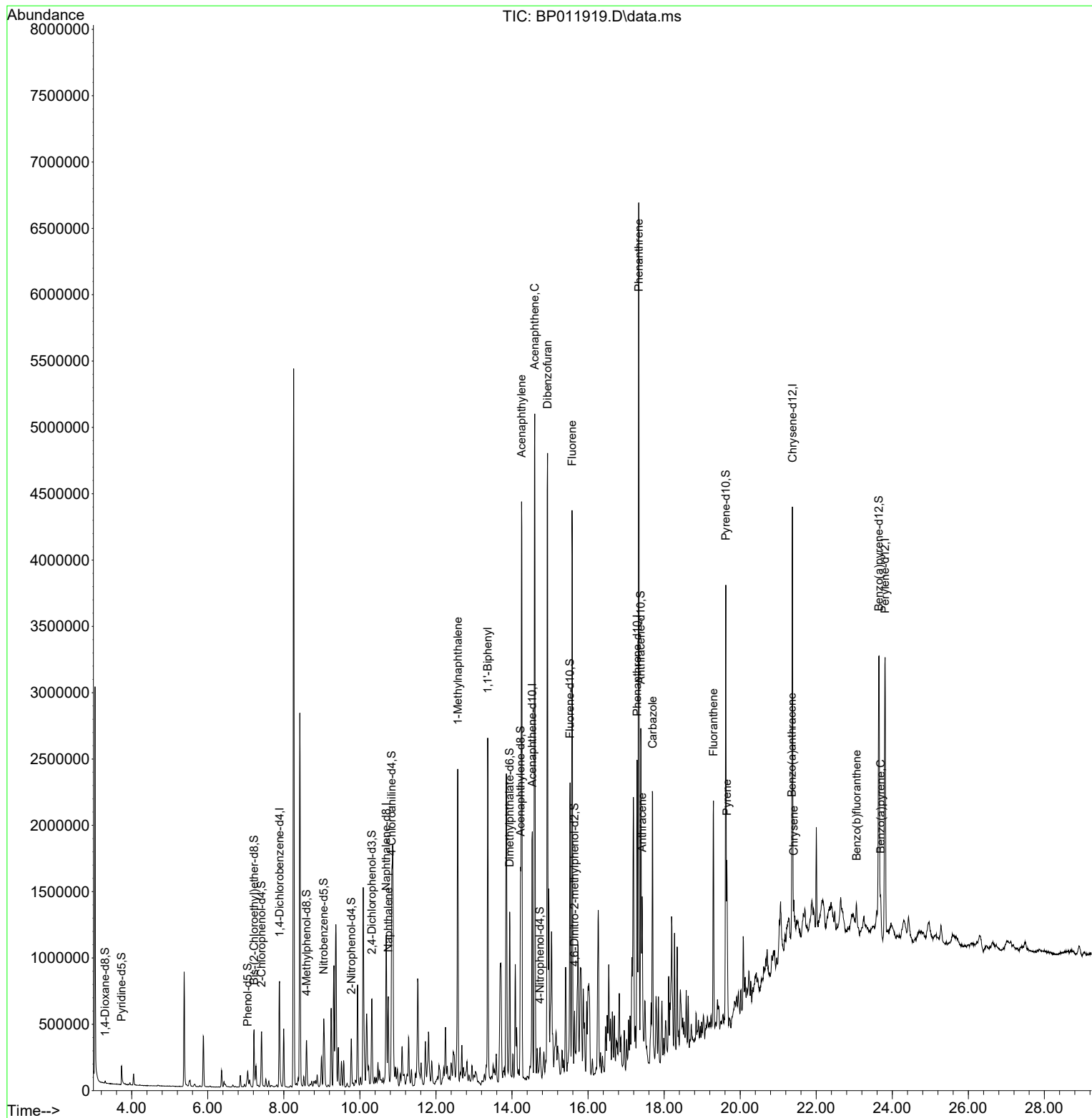
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011919.D
Acq On : 04 Oct 2022 19:00
Operator : CG/JU
Sample : N4859-13DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

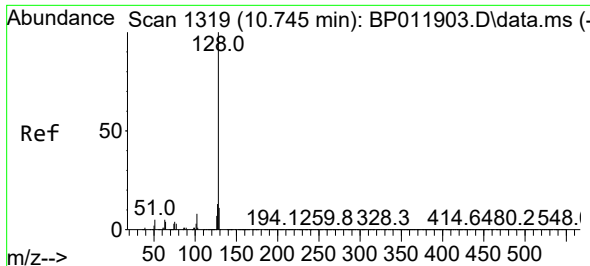
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Quant Title : SVOA CALIBRATION
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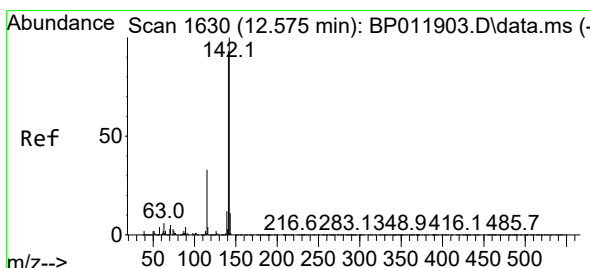
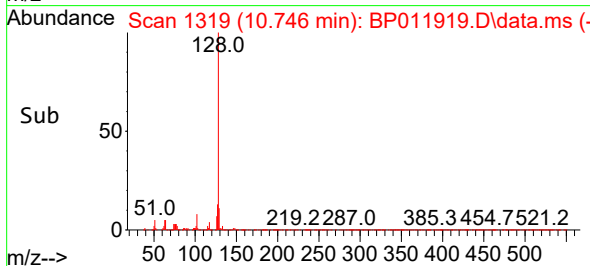
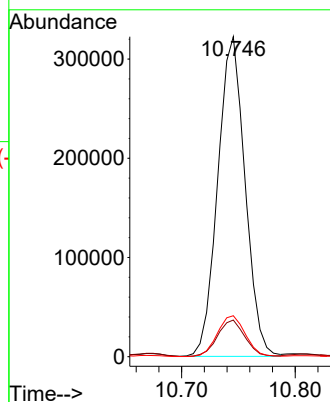
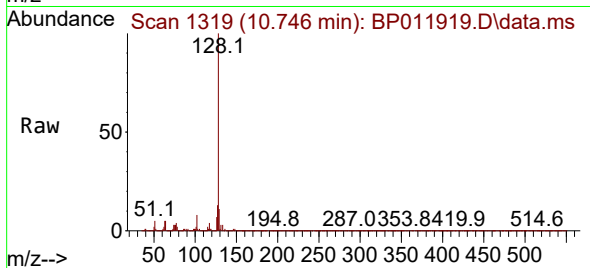
#30
Naphthalene
Concen: 9.765 ng/ul
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

Instrument :
BNA_P
ClientSampleId :
E10009DL

Tgt Ion:128 Resp: 538068
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.8 10.5 15.7

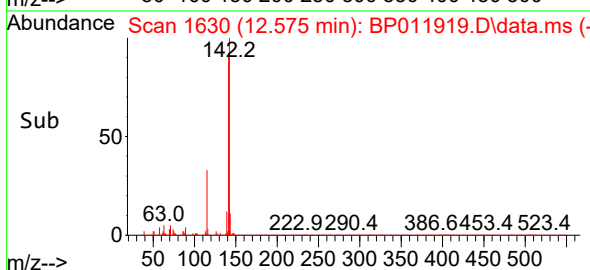
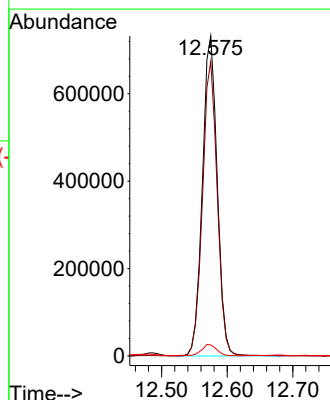
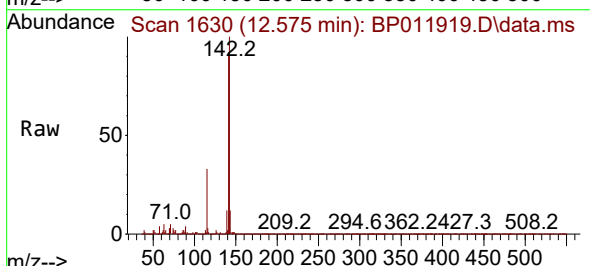
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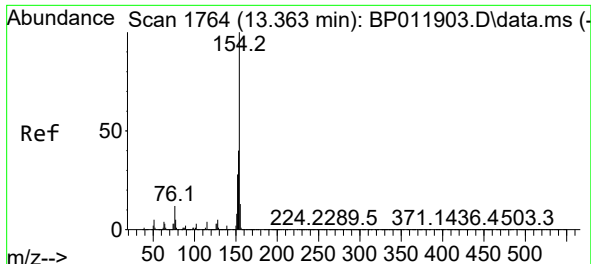
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#37
1-Methylnaphthalene
Concen: 29.878 ng/ul
RT: 12.575 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

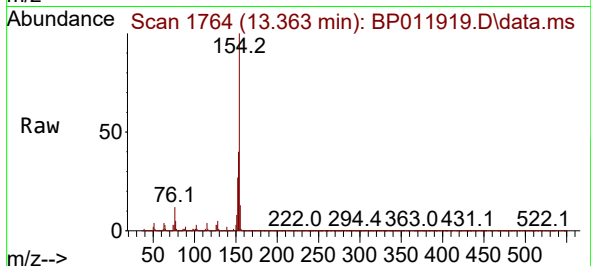
Tgt Ion:142 Resp: 1153662
Ion Ratio Lower Upper
142 100
141 92.0 74.8 112.2
116 3.5 2.9 4.3





#43
1,1'-Biphenyl
Concen: 29.359 ng/ul
RT: 13.363 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

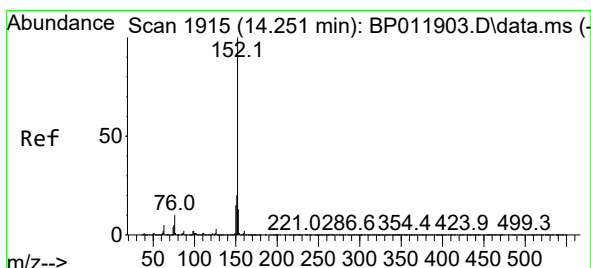
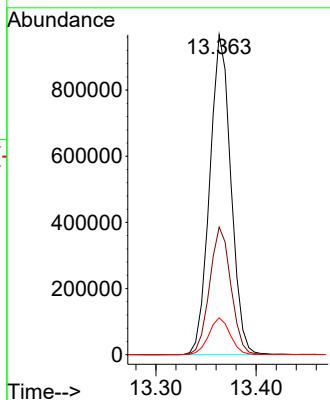
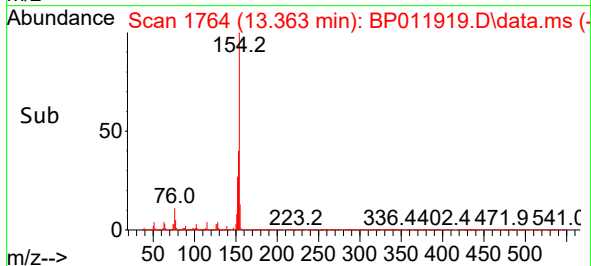
Instrument :
BNA_P
ClientSampleId :
E10009DL



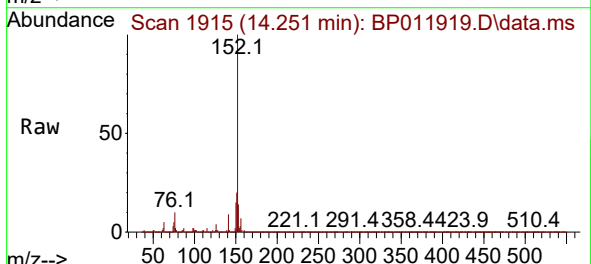
Tgt Ion:154 Resp: 142075
Ion Ratio Lower Upper
154 100
153 39.9 31.8 47.6
76 11.5 9.5 14.3

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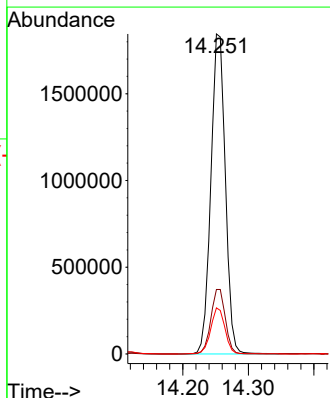
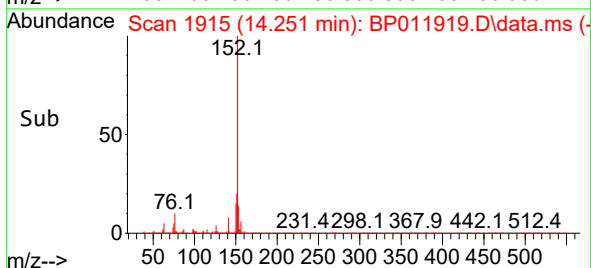
Reviewed By :Jagrut Upadhyay 10/05/2022
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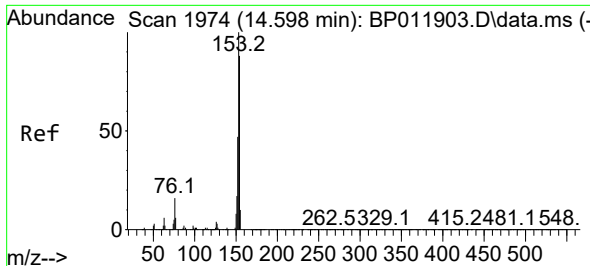


#50
Acenaphthylene
Concen: 47.697 ng/ul
RT: 14.251 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00



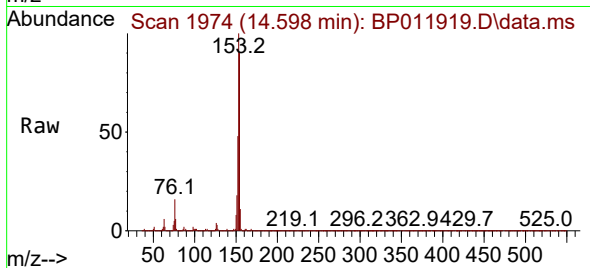
Tgt Ion:152 Resp: 2825432
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.4 10.8 16.2





#52
Acenaphthene
Concen: 52.511 ng/ul
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

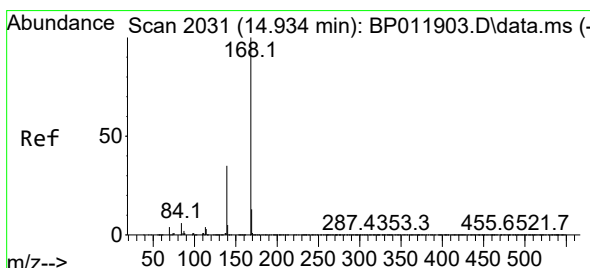
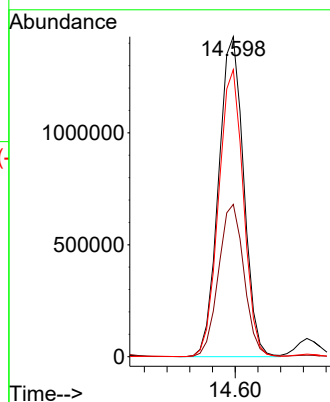
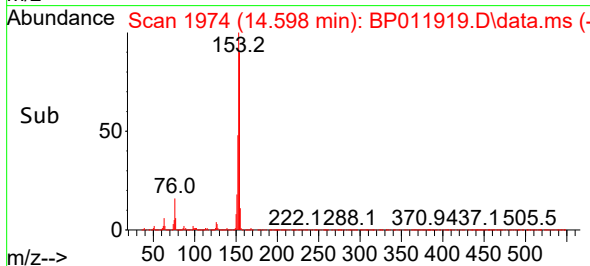
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 2194619
Ion Ratio Lower Upper
153 100
152 47.6 38.4 57.6
154 89.7 70.6 105.8

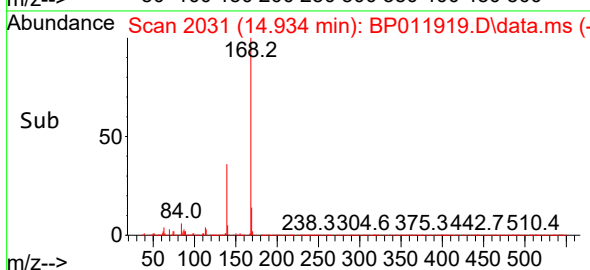
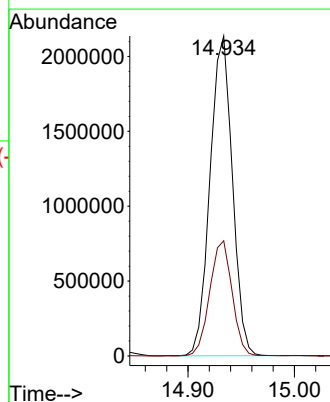
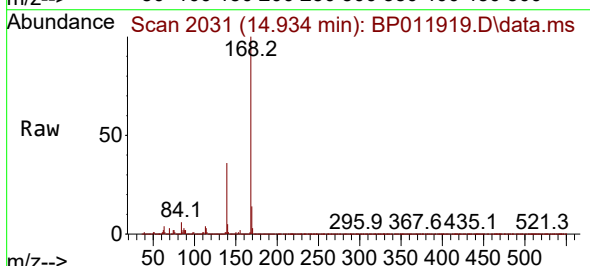
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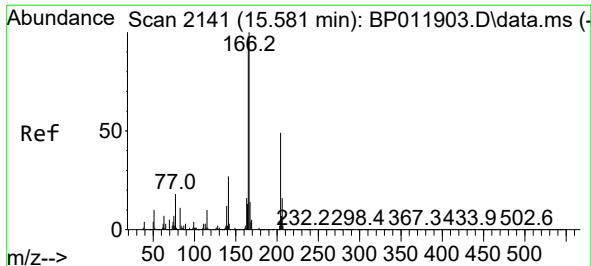
Reviewed By :Jagrut Upadhyay 10/05/2022
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#56
Dibenzofuran
Concen: 54.409 ng/ul
RT: 14.934 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

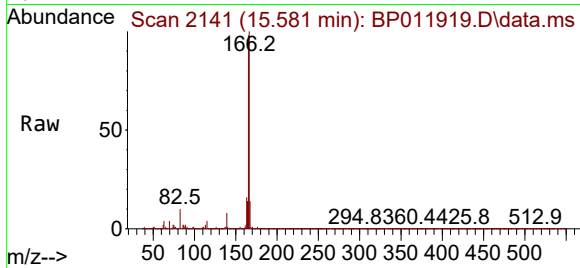
Tgt Ion:168 Resp: 3114574
Ion Ratio Lower Upper
168 100
139 36.0 29.4 44.2





#61
Fluorene
Concen: 41.453 ng/ul
RT: 15.581 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

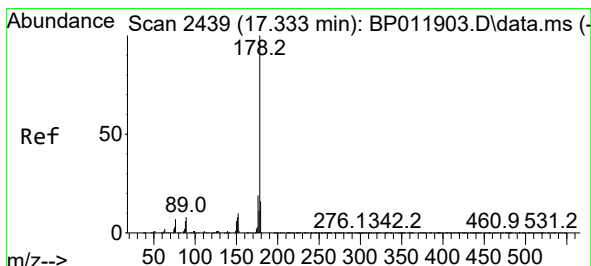
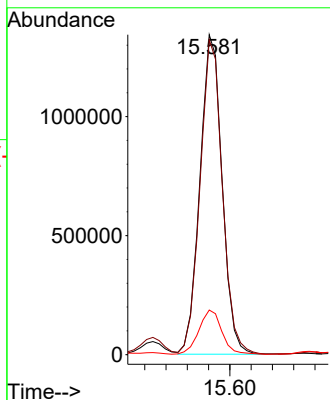
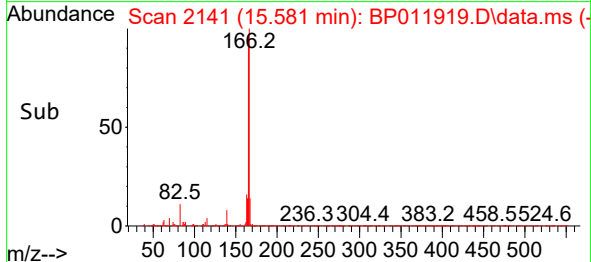
Instrument :
BNA_P
ClientSampleId :
E10009DL



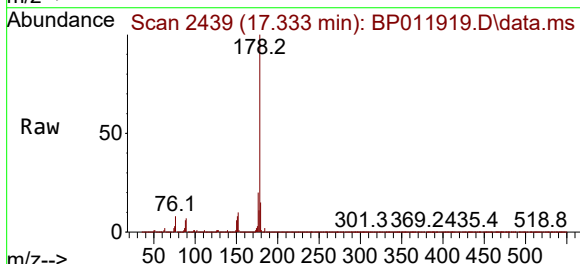
Tgt Ion:166 Resp: 1943489
Ion Ratio Lower Upper
166 100
165 98.4 77.2 115.8
167 13.9 10.7 16.1

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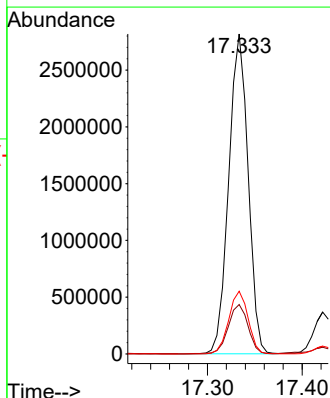
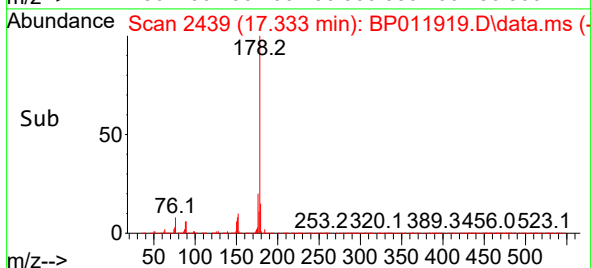
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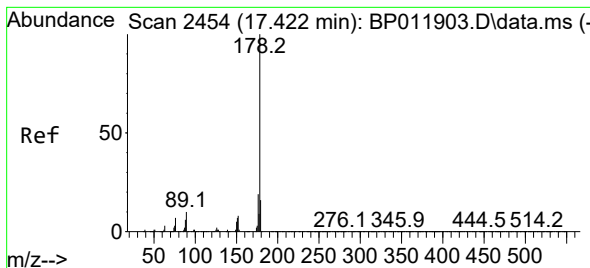


#72
Phenanthrene
Concen: 51.412 ng/ul
RT: 17.333 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00



Tgt Ion:178 Resp: 4006620
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.6 15.4 23.2





#74

Anthracene

Concen: 6.508 ng/ul

RT: 17.422 min Scan# 2454

Delta R.T. -0.012 min

Lab File: BP011919.D

Acq: 04 Oct 2022 19:00

Instrument :

BNA_P

ClientSampleId :

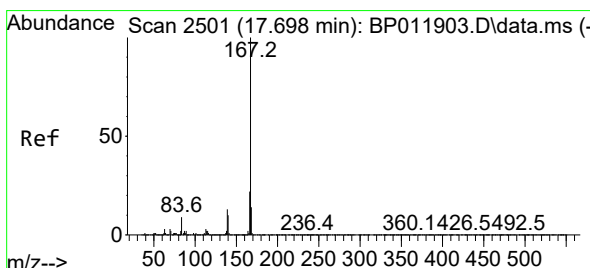
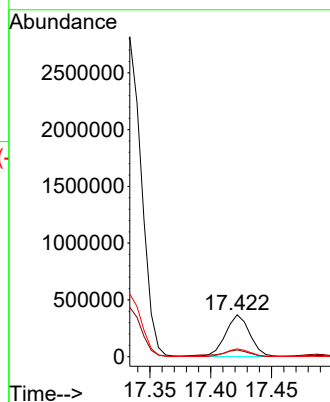
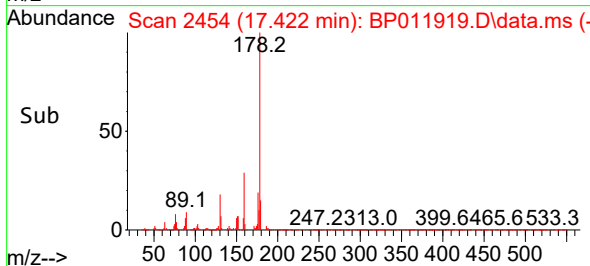
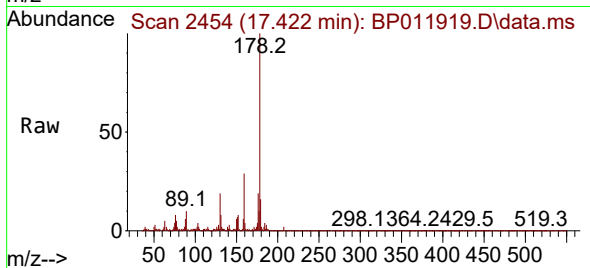
E10009DL

Tgt Ion:178 Resp: 510291
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.3 18.5
 176 18.8 15.4 23.2

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#77

Carbazole

Concen: 19.055 ng/ul

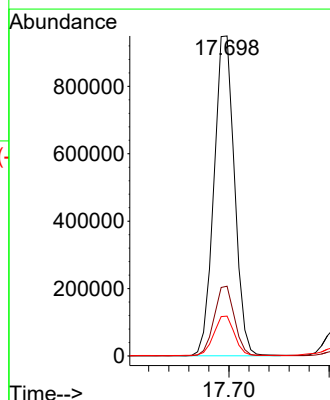
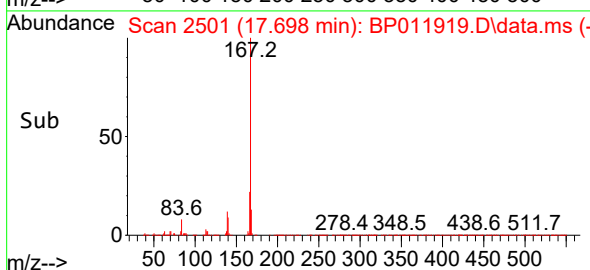
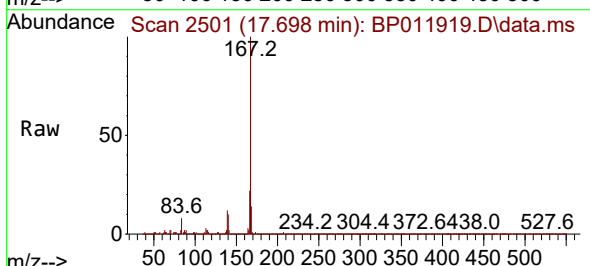
RT: 17.698 min Scan# 2501

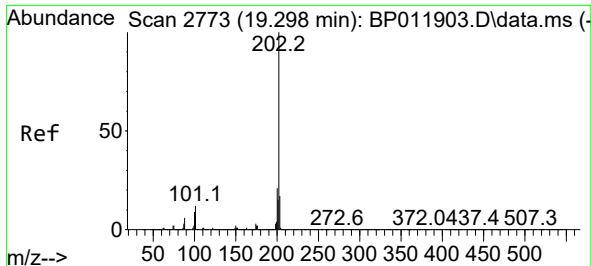
Delta R.T. -0.006 min

Lab File: BP011919.D

Acq: 04 Oct 2022 19:00

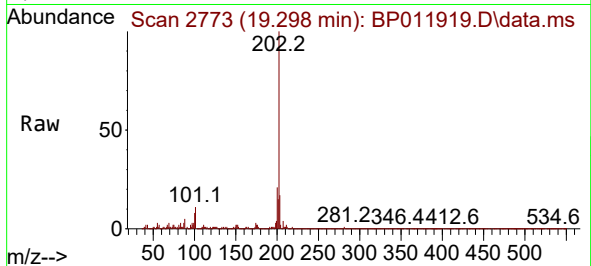
Tgt Ion:167 Resp: 1349933
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.5 10.1 15.1





#80
Fluoranthene
Concen: 9.461 ng/ul
RT: 19.298 min Scan# 2773
Delta R.T. -0.006 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

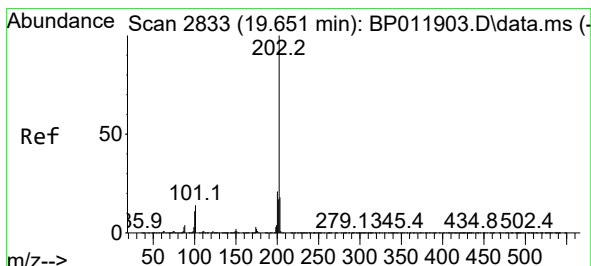
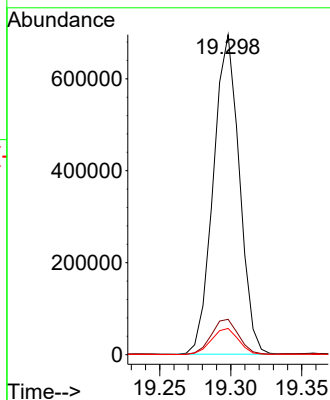
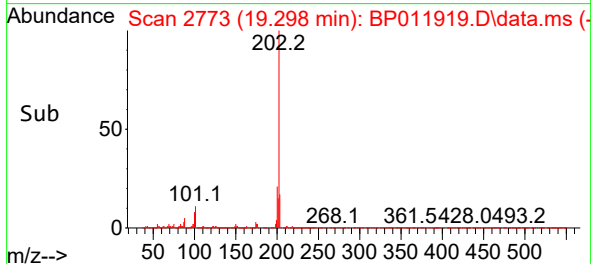
Instrument :
BNA_P
ClientSampleId :
E10009DL



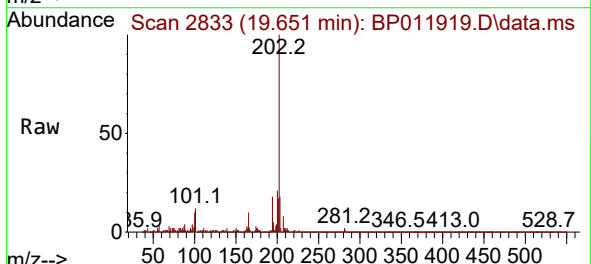
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Ion Ratio Lower Upper
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100 8.2 7.4 11.0

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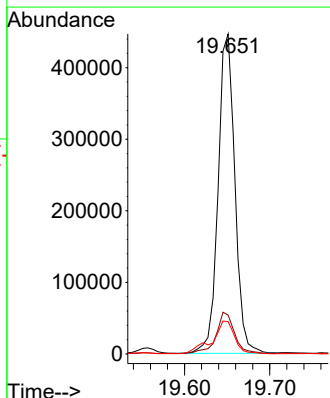
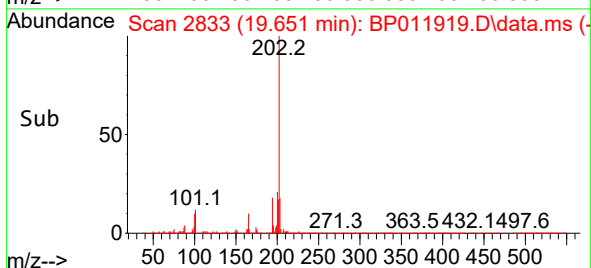
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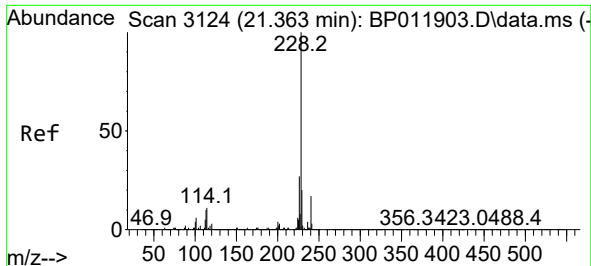


#82
Pyrene
Concen: 6.247 ng/ul
RT: 19.651 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00



Tgt Ion:202 Resp: 610095
Ion Ratio Lower Upper
202 100
101 12.1 11.6 17.4
100 10.1 9.4 14.0





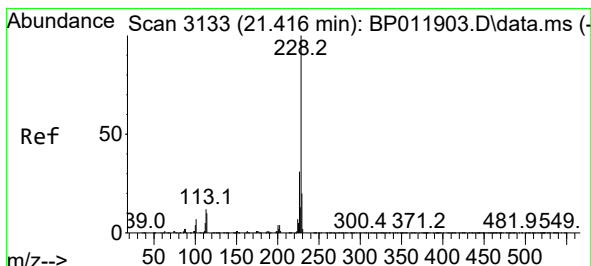
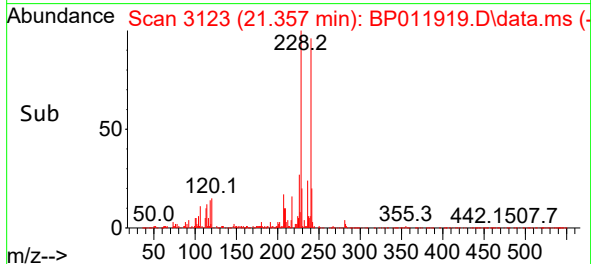
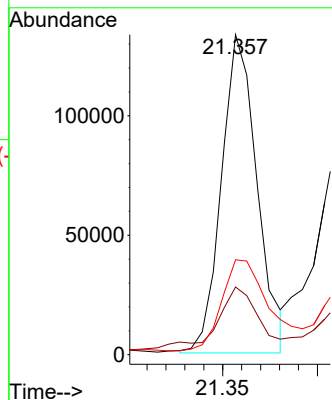
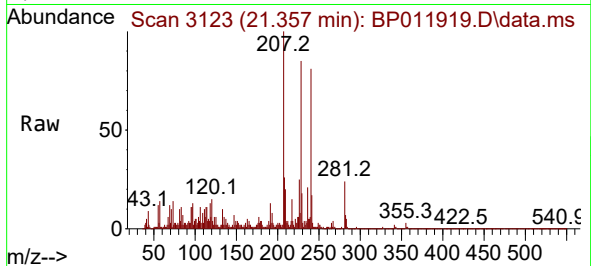
#85
Benzo(a)anthracene
Concen: 1.763 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

Instrument :
BNA_P
ClientSampleId :
E10009DL

Tgt Ion:228 Resp: 174510
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.7 22.0 33.0

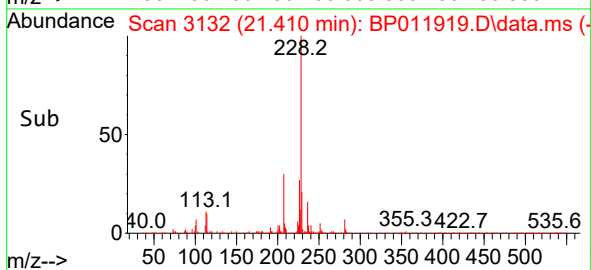
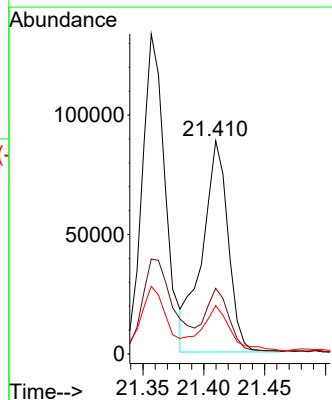
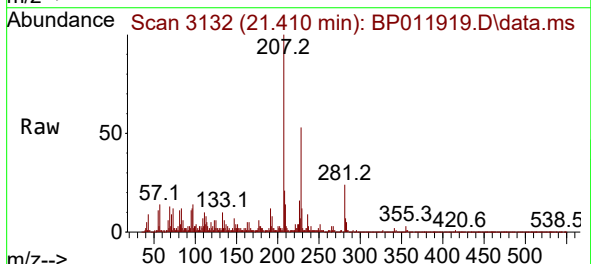
Manual Integrations
APPROVED

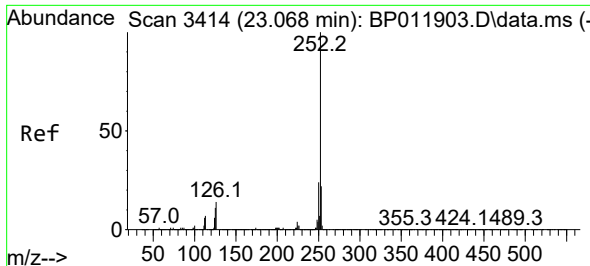
Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#87
Chrysene
Concen: 1.408 ng/ul
RT: 21.410 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

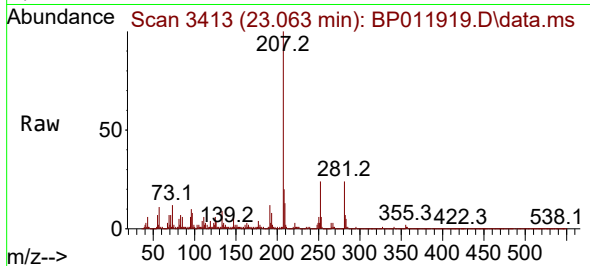
Tgt Ion:228 Resp: 130792
Ion Ratio Lower Upper
228 100
226 30.8 25.3 37.9
229 22.7 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 1.443 ng/ul
RT: 23.063 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00

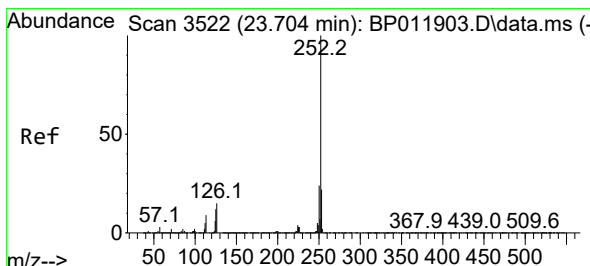
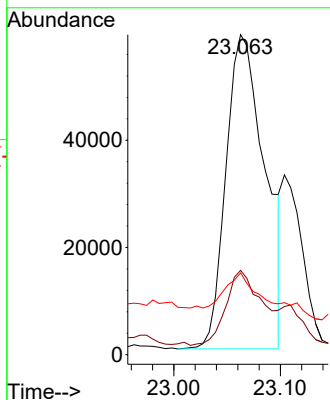
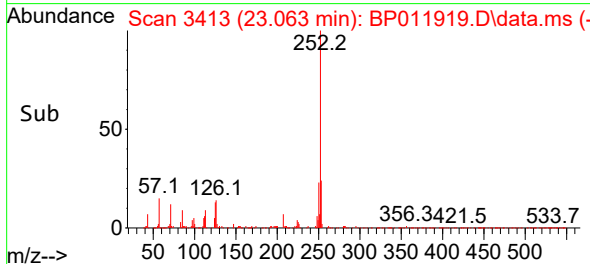
Instrument :
BNA_P
ClientSampleId :
E10009DL



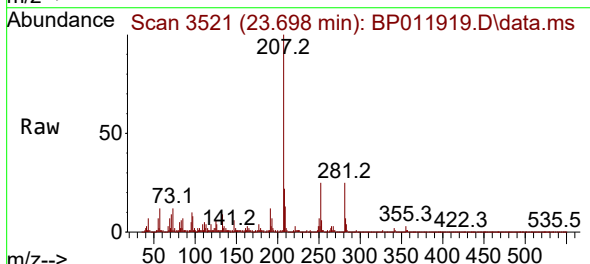
Tgt Ion:252 Resp: 148968
Ion Ratio Lower Upper
252 100
253 26.3 17.8 26.8
125 25.5 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/06/2022



#93
Benzo(a)pyrene
Concen: 1.385 ng/ul
RT: 23.698 min Scan# 3521
Delta R.T. -0.018 min
Lab File: BP011919.D
Acq: 04 Oct 2022 19:00



Tgt Ion:252 Resp: 127566
Ion Ratio Lower Upper
252 100
253 24.8 17.7 26.5
125 23.8 9.8 14.8

