

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012099.D
 Acq On : 13 Oct 2022 02:08
 Operator : CG/JU
 Sample : N5024-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BP9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 13 03:29:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	280617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.658	136	1130644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	595464	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1114700	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1217506	20.000	ng/u1	0.00
88) Perylene-d12	23.763	264	1351163	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	19317	2.714	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.022	99	176271	7.810	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	215102	16.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	222297	12.409	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	46776	2.698	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	145922	18.274	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	143703	17.748	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	172620	11.001	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	67761	2.930	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	733525	19.451	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	844014	18.099	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	6077m	0.821	ng/u1	0.03
60) Fluorene-d10	15.493	176	647936	18.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	19815	3.366	ng/u1	0.00
73) Anthracene-d10	17.357	188	831705	17.182	ng/u1	0.00
81) Pyrene-d10	19.592	212	1078624	17.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	853419	12.993	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.222	152	59564	1.129	ng/u1	98
72) Phenanthrene	17.298	178	504547	8.323	ng/u1	99
80) Fluoranthene	19.269	202	789475	10.330	ng/u1	100
82) Pyrene	19.622	202	647264	8.002	ng/u1	98
85) Benzo(a)anthracene	21.328	228	222231	2.900	ng/u1	99
87) Chrysene	21.380	228	291071	3.946	ng/u1	99
90) Benzo(b)fluoranthene	23.027	252	467707	5.469	ng/u1#	96
91) Benzo(k)fluoranthene	23.069	252	154537m	1.837	ng/u1	
93) Benzo(a)pyrene	23.651	252	222246	2.913	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.268	276	208705	2.163	ng/u1	98
96) Benzo(g,h,i)perylene	27.039	276	181880	2.091	ng/u1#	95

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

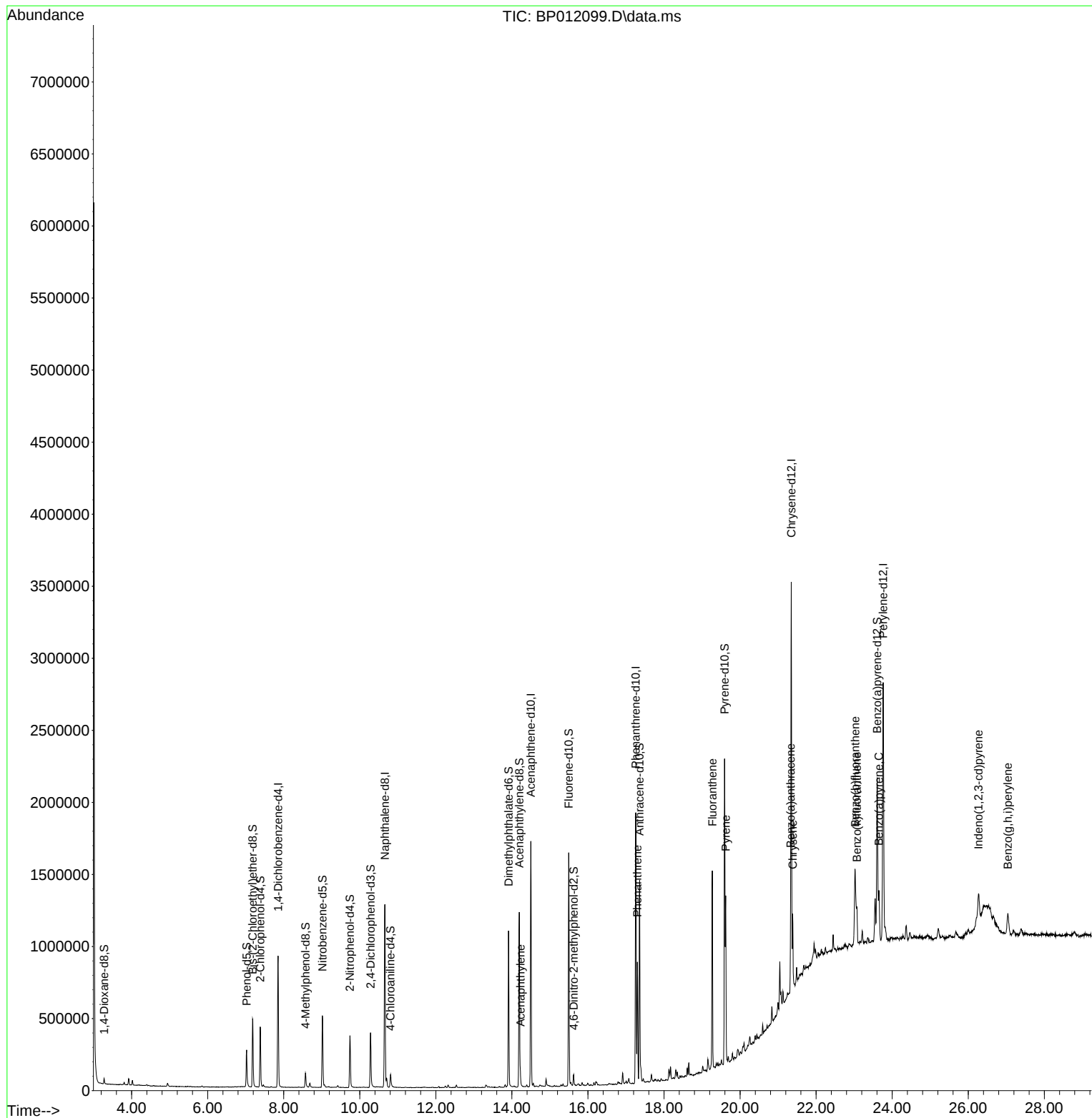
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012099.D
Acq On : 13 Oct 2022 02:08
Operator : CG/JU
Sample : N5024-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

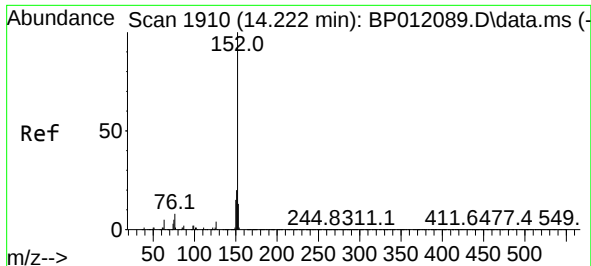
Instrument :
BNA_P
ClientSampleId :
C0BP9

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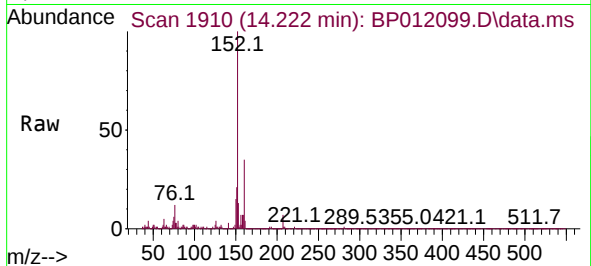
Quant Time: Oct 13 03:29:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.129 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08

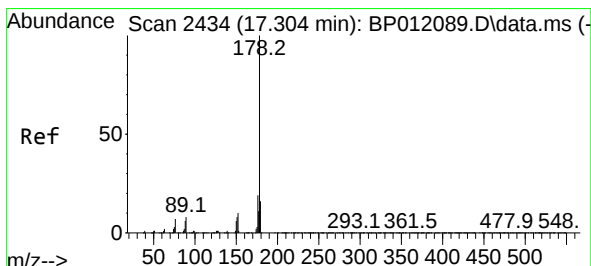
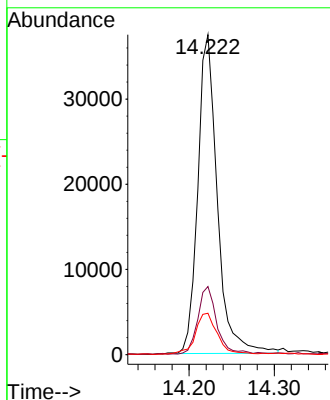
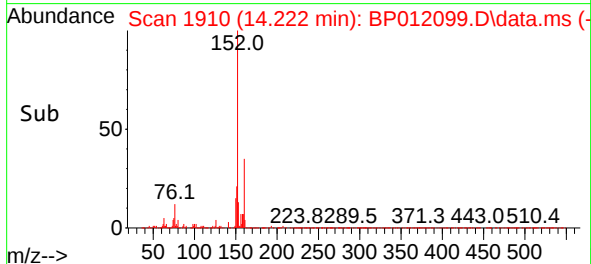
Instrument :
BNA_P
ClientSampleId :
C0BP9



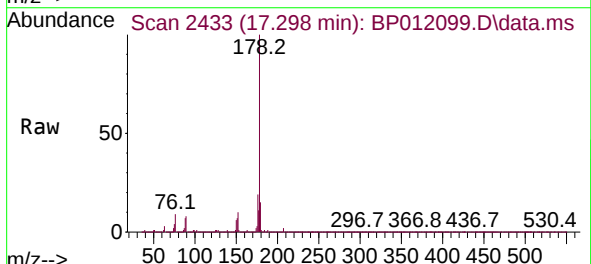
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Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 12.9 10.4 15.6

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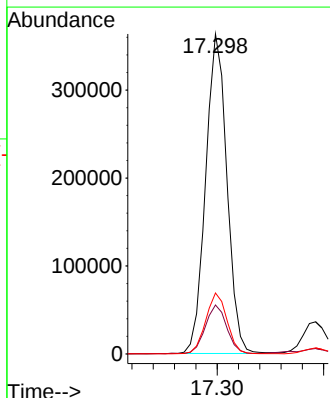
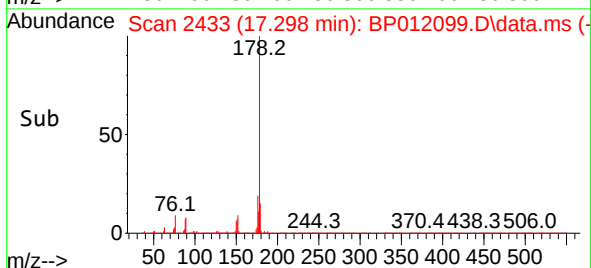
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

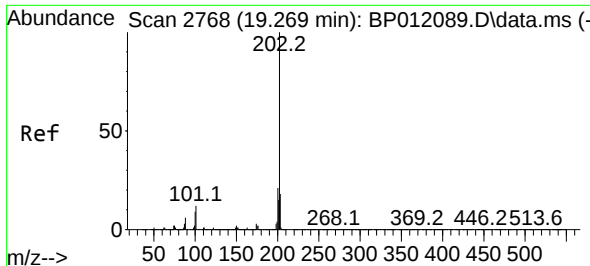


#72
Phenanthrene
Concen: 8.323 ng/ul
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08



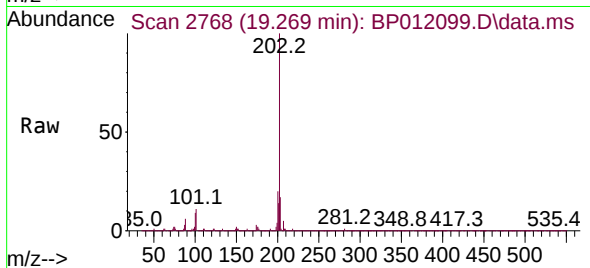
Tgt Ion:178 Resp: 504547
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 15.8 23.6





#80
Fluoranthene
Concen: 10.330 ng/ul
RT: 19.269 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08

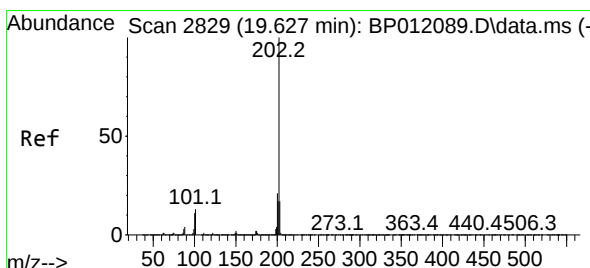
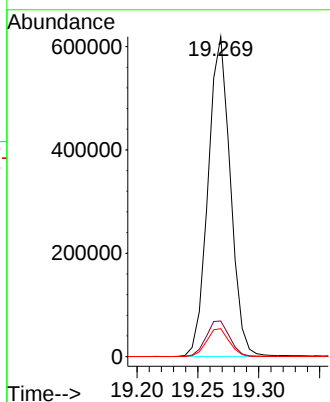
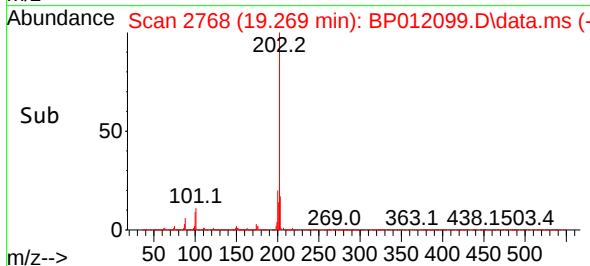
Instrument :
BNA_P
ClientSampleId :
C0BP9



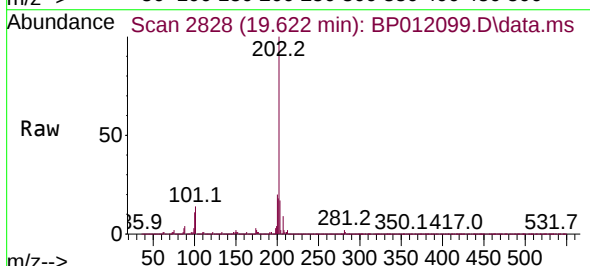
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Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.6
100 8.7 7.0 10.6

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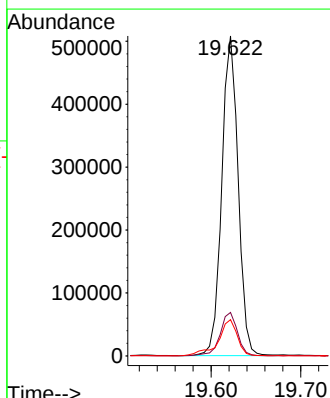
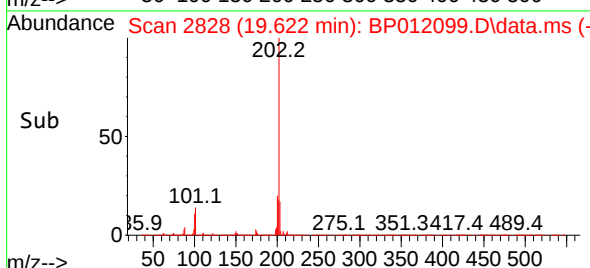
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

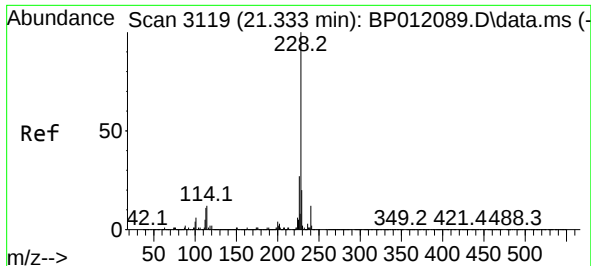


#82
Pyrene
Concen: 8.002 ng/ul
RT: 19.622 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08



Tgt Ion:202 Resp: 647264
Ion Ratio Lower Upper
202 100
101 13.6 10.4 15.6
100 11.3 8.5 12.7





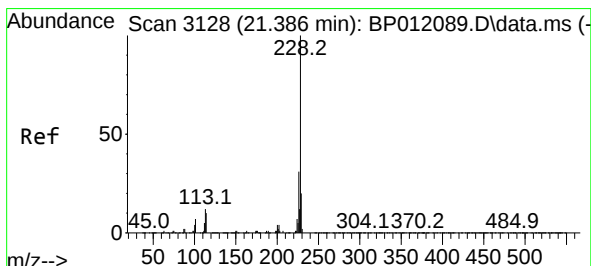
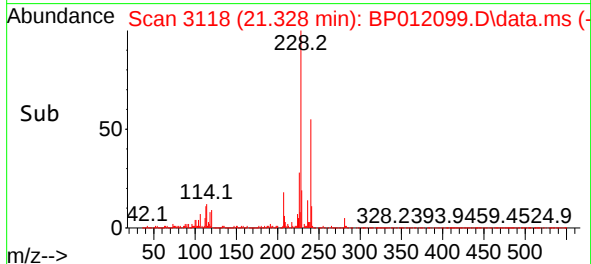
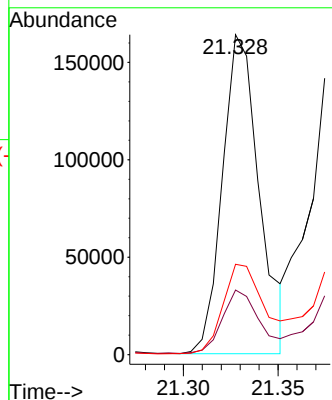
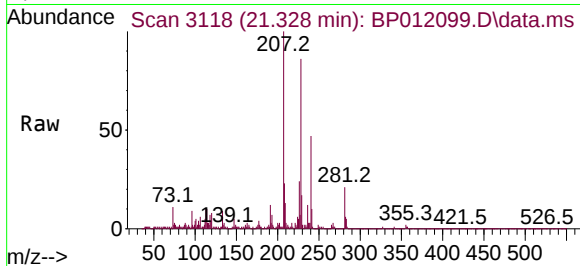
#85
Benzo(a)anthracene
Concen: 2.900 ng/ul
RT: 21.328 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08

Instrument :
BNA_P
ClientSampleId :
C0BP9

Tgt Ion:228 Resp: 222231
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.2 21.9 32.9

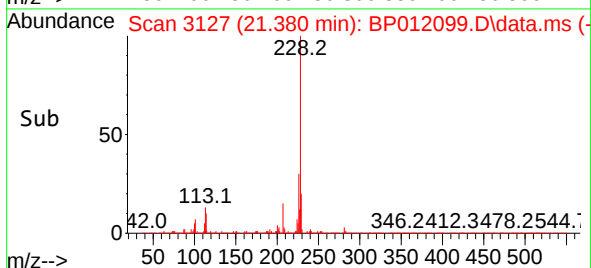
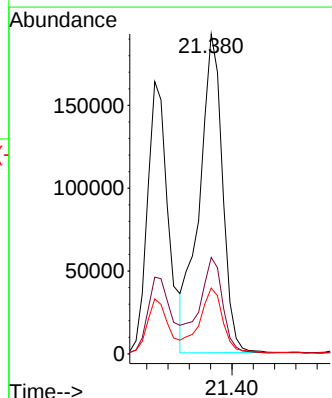
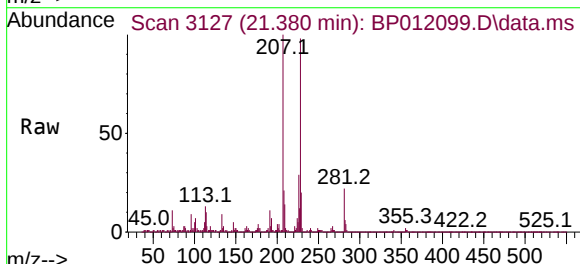
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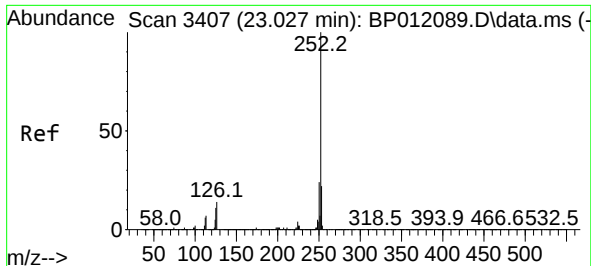
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#87
Chrysene
Concen: 3.946 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08

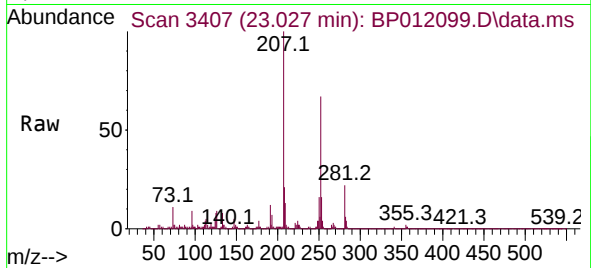
Tgt Ion:228 Resp: 291071
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 20.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.469 ng/ul
RT: 23.027 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08

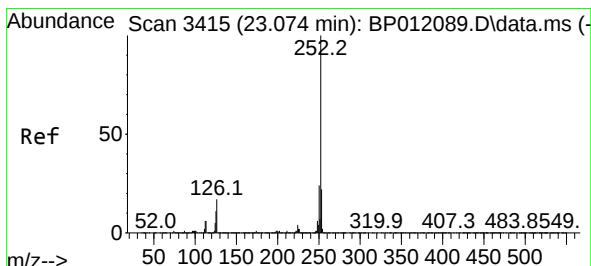
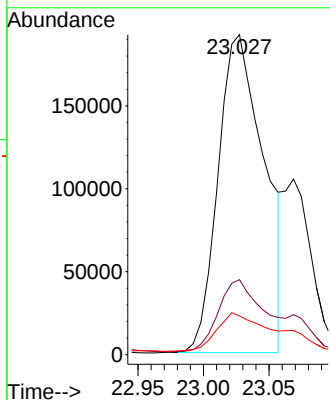
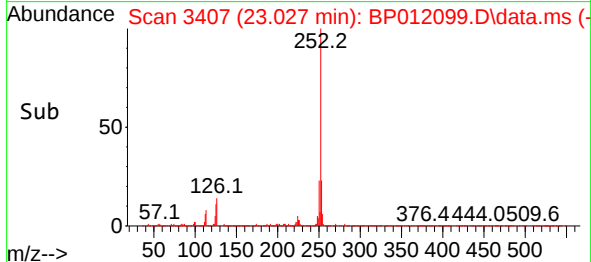
Instrument :
BNA_P
ClientSampleId :
C0BP9



Tgt Ion:252 Resp: 46770
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 12.1 7.8 11.8

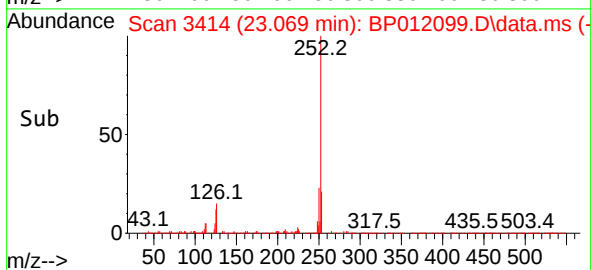
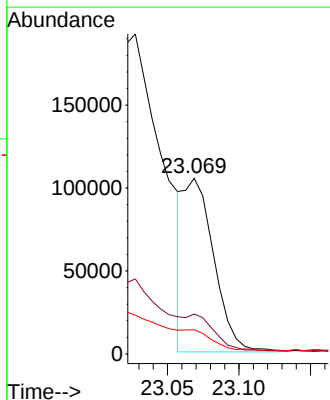
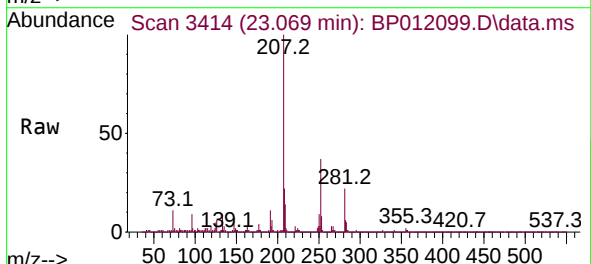
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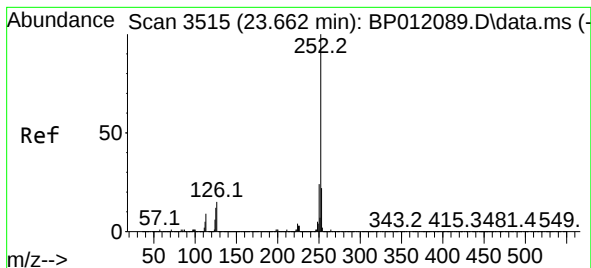
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#91
Benzo(k)fluoranthene
Concen: 1.837 ng/ul m
RT: 23.069 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP012099.D
Acq: 13 Oct 2022 02:08

Tgt Ion:252 Resp: 154537
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.7 8.2 12.2





#93

Benzo(a)pyrene

Concen: 2.913 ng/ul

RT: 23.651 min Scan# 3515

Delta R.T. -0.006 min

Lab File: BP012099.D

Acq: 13 Oct 2022 02:08

Instrument :

BNA_P

ClientSampleId :

C0BP9

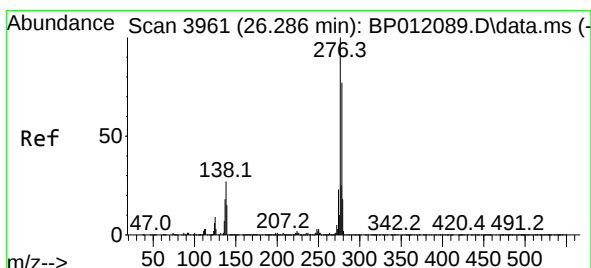
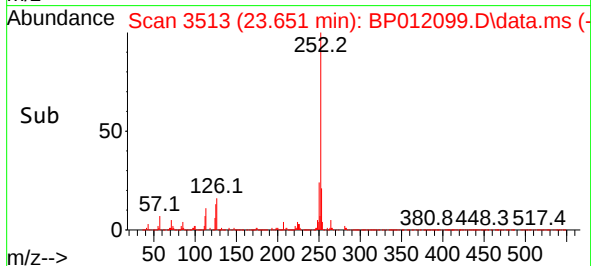
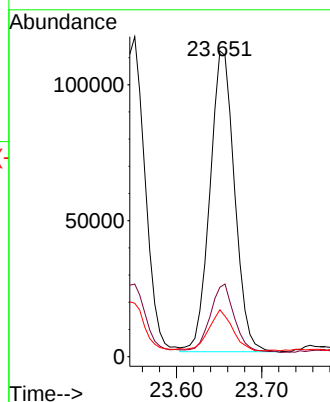
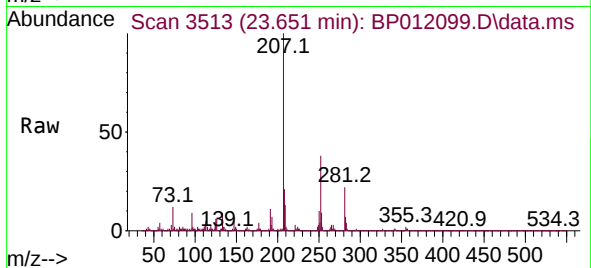
Tgt Ion:252 Resp: 222246

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	15.3	8.9	13.3

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.163 ng/ul

RT: 26.268 min Scan# 3958

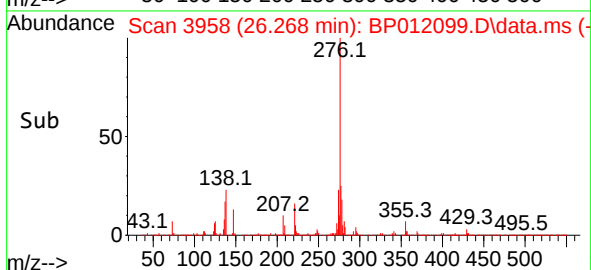
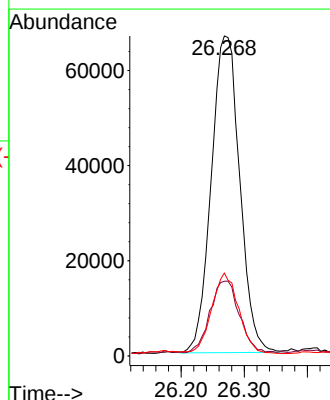
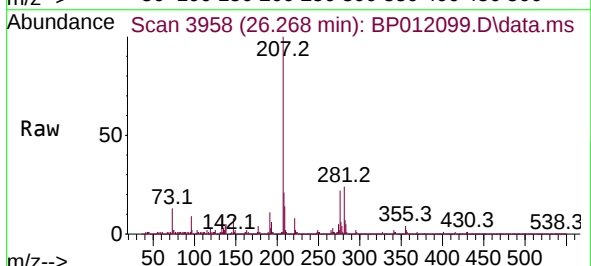
Delta R.T. -0.012 min

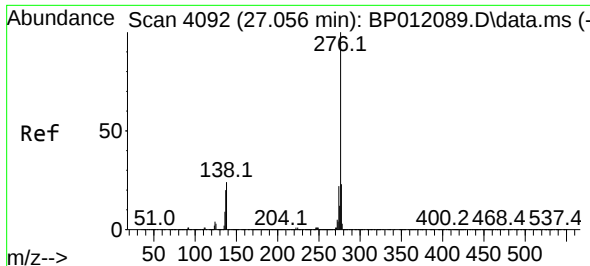
Lab File: BP012099.D

Acq: 13 Oct 2022 02:08

Tgt Ion:276 Resp: 208705

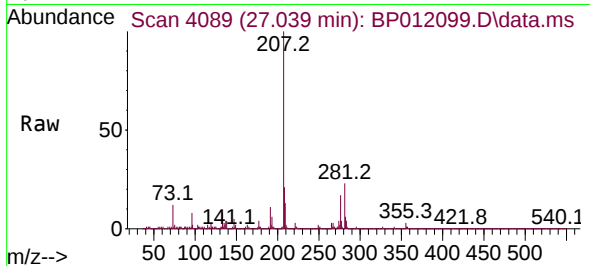
Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.1	28.7
277	25.9	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 2.091 ng/ul
 RT: 27.039 min Scan# 4089
 Delta R.T. -0.018 min
 Lab File: BP012099.D
 Acq: 13 Oct 2022 02:08

Instrument :
 BNA_P
 ClientSampleId :
 C0BP9



Tgt Ion: 276 Resp: 181880
 Ion Ratio Lower Upper
 276 100
 138 24.7 16.5 24.7
 277 24.5 19.0 28.4

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