

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018680.D
 Acq On : 07 Dec 2023 19:09
 Operator : MA/JU
 Sample : 05459-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 07 21:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	250202	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.640	136	930914	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.475	164	569449	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1354789	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1553745	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1803928	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17595	2.396	ng/uL	0.00
4) Pyridine-d5	3.681	84	173210	8.807	ng/u1	0.00
7) Phenol-d5	7.010	99	274855	10.947	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	181017	12.164	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	225315	11.500	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	87095	4.286	ng/u1	-0.01
21) Nitrobenzene-d5	9.005	128	102585	12.381	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	102136	11.890	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	196523	11.188	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.787	131	144364	6.289	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	666470	13.113	ng/u1	-0.01
49) Acenaphthylene-d8	14.169	160	724255	12.941	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.675	143	72891	8.737	ng/u1	-0.01
60) Fluorene-d10	15.469	176	615637	14.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	51796	6.376	ng/u1	-0.01
73) Anthracene-d10	17.322	188	935442	13.134	ng/u1	0.00
81) Pyrene-d10	19.557	212	1452715	12.011	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1526622	14.514	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.040	94	28117	1.142	ng/u1	96
16) Acetophenone	8.669	105	131644	4.347	ng/u1	99
80) Fluoranthene	19.233	202	366269	2.562	ng/u1	99
82) Pyrene	19.586	202	330467	2.291	ng/u1	98
85) Benzo(a)anthracene	21.292	228	298267	2.365	ng/u1	98
87) Chrysene	21.345	228	306542	2.639	ng/u1	98
90) Benzo(b)fluoranthene	22.957	252	414885	3.119	ng/u1	99
91) Benzo(k)fluoranthene	22.998	252	138150m	1.074	ng/u1	
93) Benzo(a)pyrene	23.574	252	275422	2.266	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	192888	1.328	ng/u1#	94
96) Benzo(g,h,i)perylene	26.892	276	165988	1.420	ng/u1	97

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

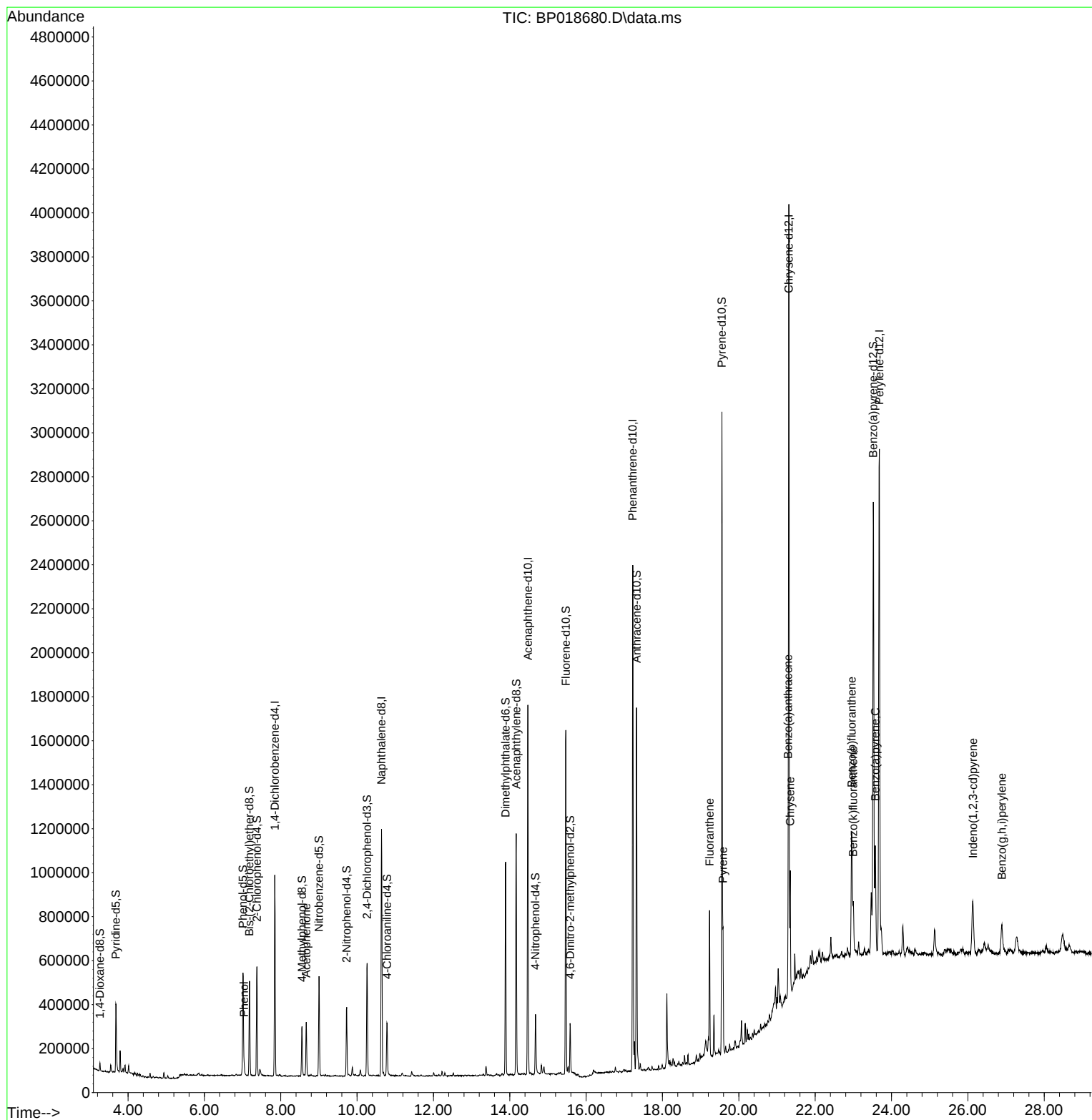
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018680.D
 Acq On : 07 Dec 2023 19:09
 Operator : MA/JU
 Sample : 05459-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

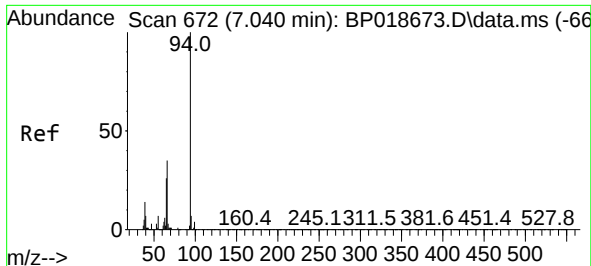
Instrument :
 BNA_P
 ClientSampleId :
 C0AA4

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 Supervised By :mohammad ahmed 12/08/2023

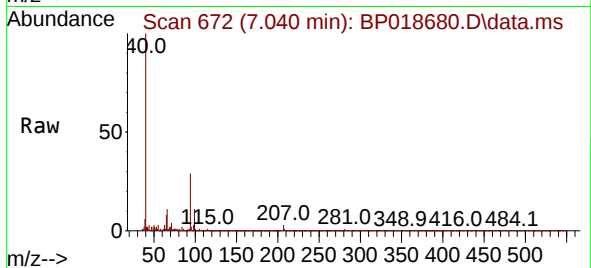
Quant Time: Dec 07 21:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration





#8
Phenol
Concen: 1.142 ng/ul
RT: 7.040 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

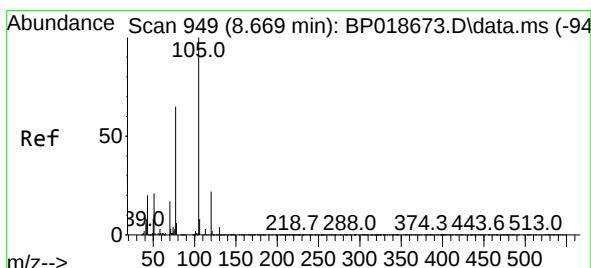
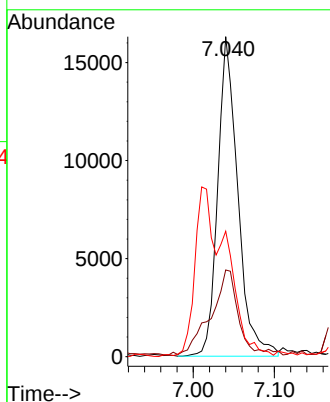
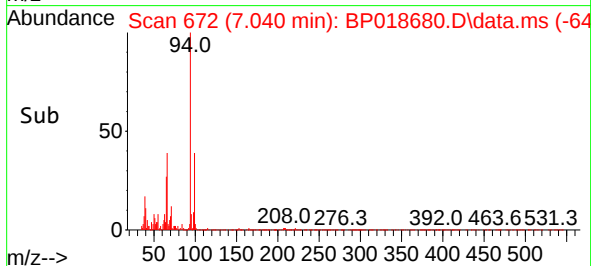
Instrument :
BNA_P
Client Sample Id :
C0AA4



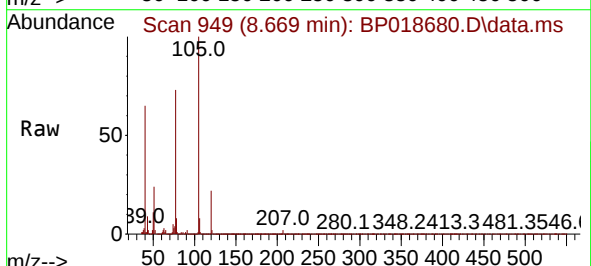
Tgt Ion: 94 Resp: 2811
Ion Ratio Lower Upper
94 100
65 27.1 21.0 31.6
66 39.2 28.6 43.0

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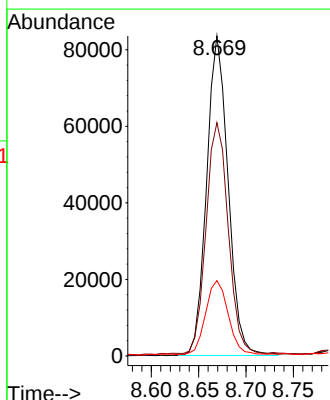
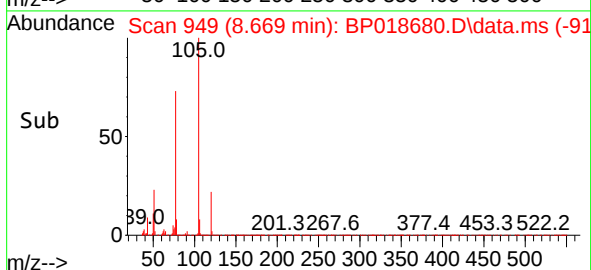
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

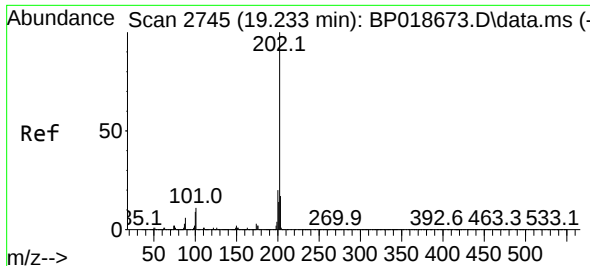


#16
Acetophenone
Concen: 4.347 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09



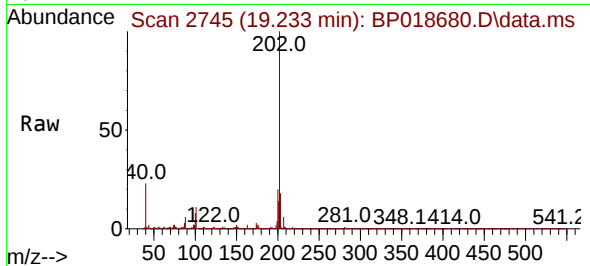
Tgt Ion:105 Resp: 131644
Ion Ratio Lower Upper
105 100
77 72.9 59.4 89.0
51 23.6 19.4 29.0





#80
Fluoranthene
Concen: 2.562 ng/u1
RT: 19.233 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

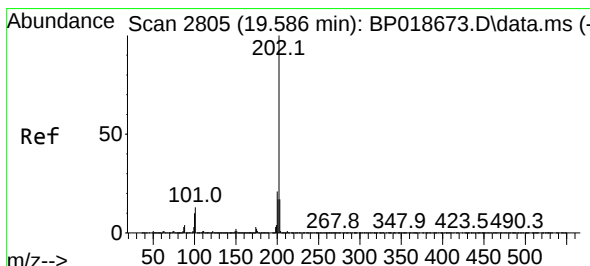
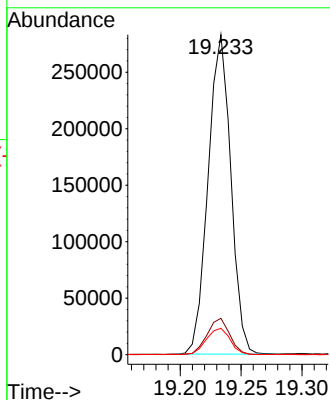
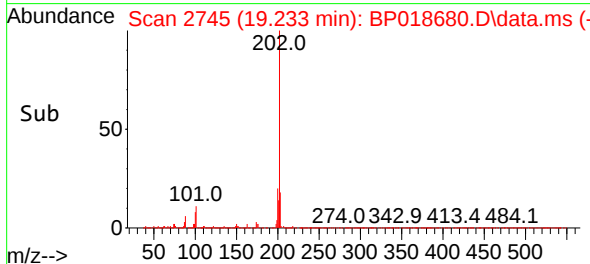
Instrument :
BNA_P
ClientSampleId :
C0AA4



Tgt Ion:202 Resp: 366269
Ion Ratio Lower Upper
202 100
101 11.4 9.1 13.7
100 8.2 7.1 10.7

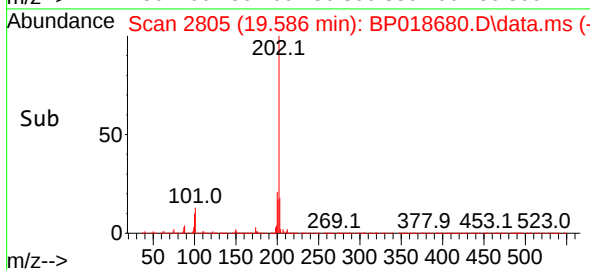
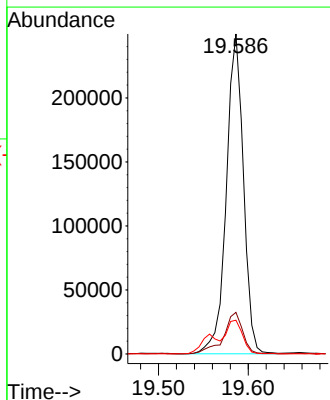
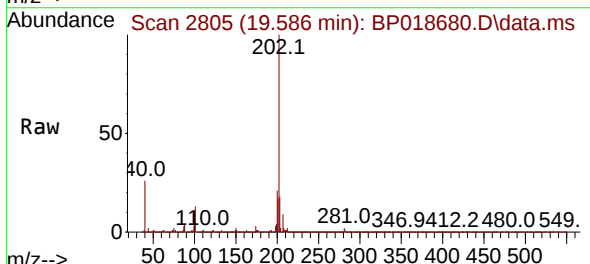
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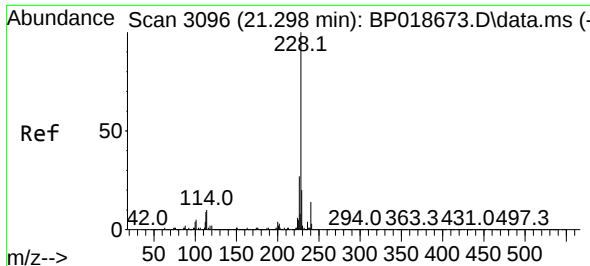
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#82
Pyrene
Concen: 2.291 ng/u1
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

Tgt Ion:202 Resp: 330467
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.5 9.1 13.7





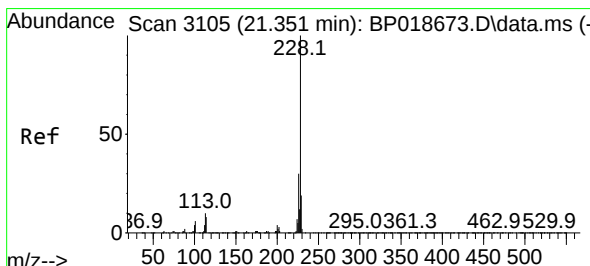
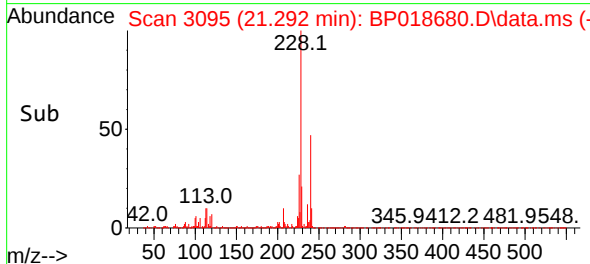
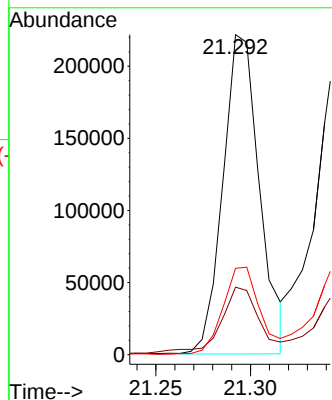
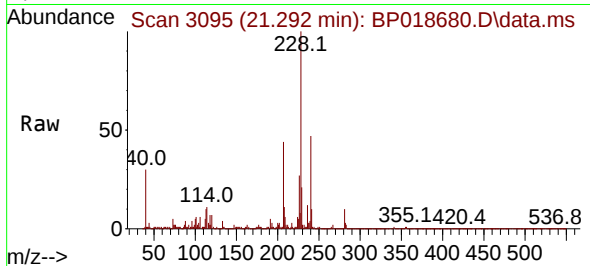
#85
Benzo(a)anthracene
Concen: 2.365 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

Instrument :
BNA_P
ClientSampleId :
C0AA4

Tgt Ion:228 Resp: 29826
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 27.0 21.9 32.9

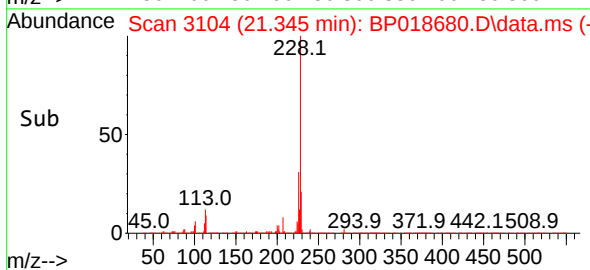
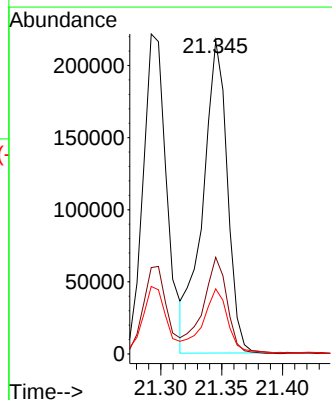
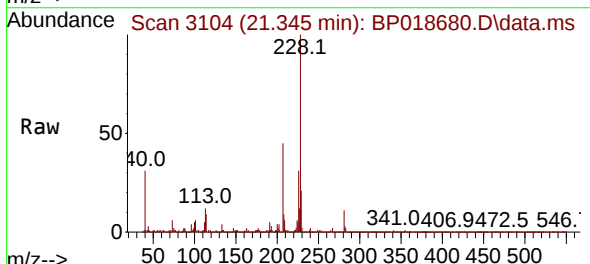
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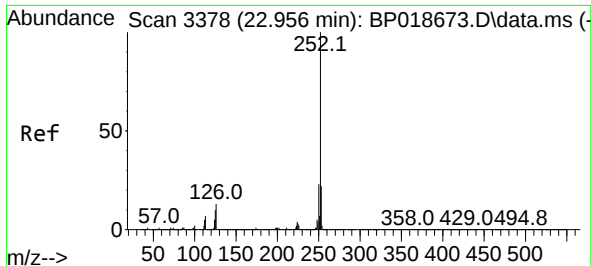
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#87
Chrysene
Concen: 2.639 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

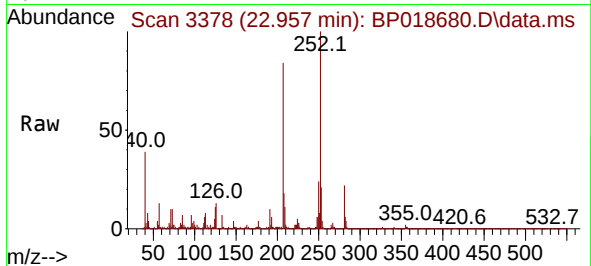
Tgt Ion:228 Resp: 306542
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 20.8 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 3.119 ng/ul
RT: 22.957 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

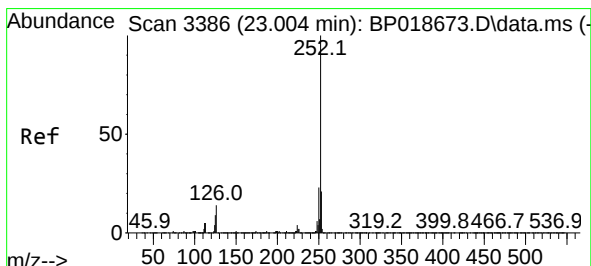
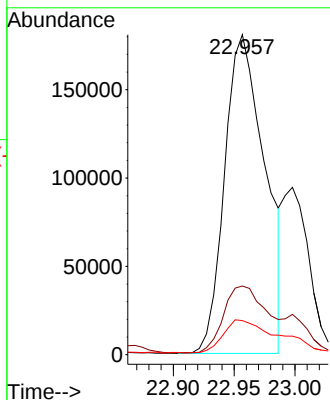
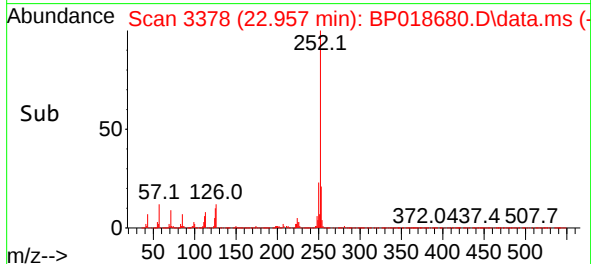
Instrument :
BNA_P
ClientSampleId :
C0AA4



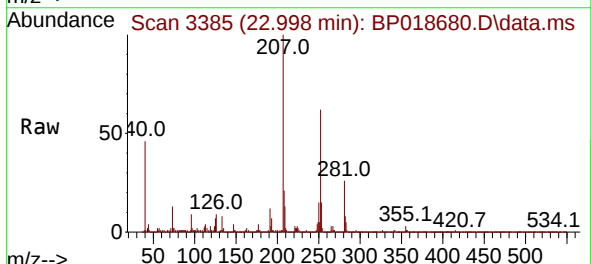
Tgt Ion:252 Resp: 41488
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.7 7.8 11.6

Manual Integrations
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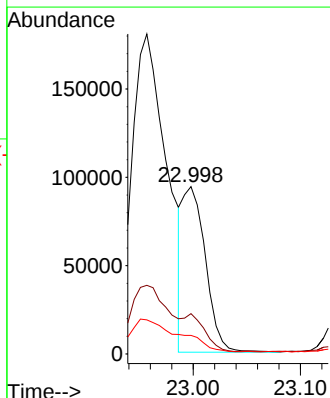
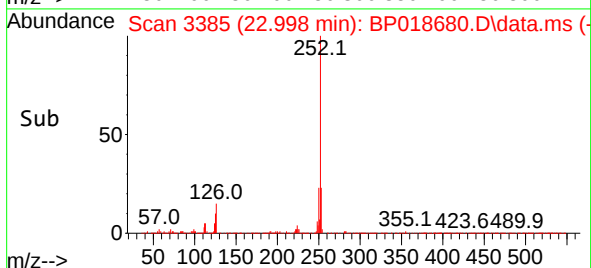
Reviewed By :Yogesh Patel 12/08/2023
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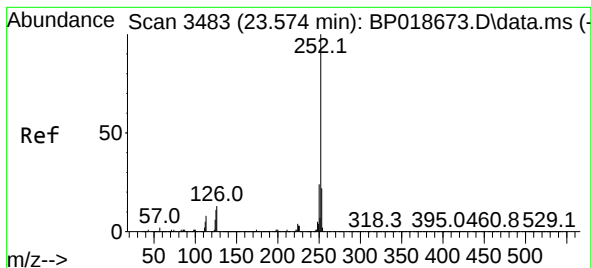


#91
Benzo(k)fluoranthene
Concen: 1.074 ng/ul m
RT: 22.998 min Scan# 3385
Delta R.T. -0.018 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09



Tgt Ion:252 Resp: 138150
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 11.1 8.0 12.0





#93

Benzo(a)pyrene

Concen: 2.266 ng/ul

RT: 23.574 min Scan# 3483

Delta R.T. -0.012 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

Instrument :

BNA_P

ClientSampleId :

C0AA4

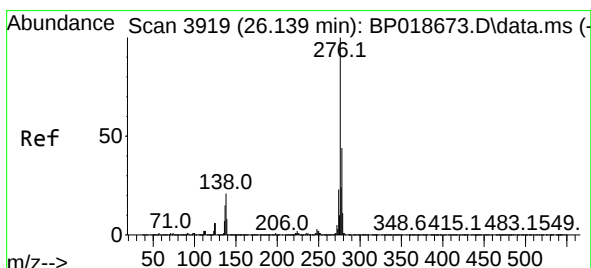
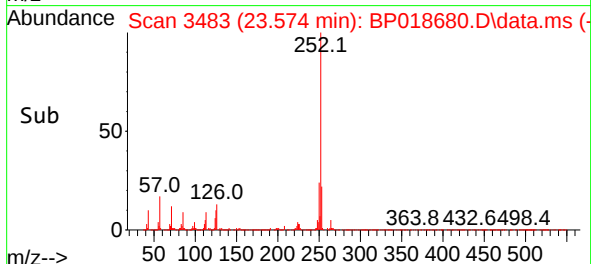
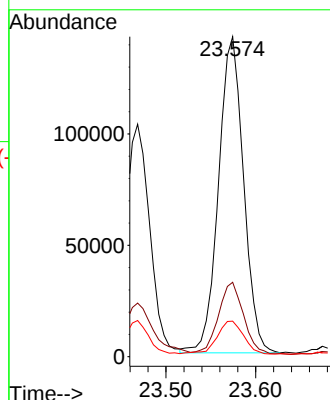
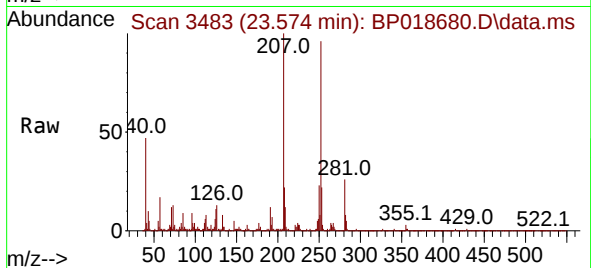
Tgt Ion:	252	Resp:	27542
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	11.1	9.2	13.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.328 ng/ul

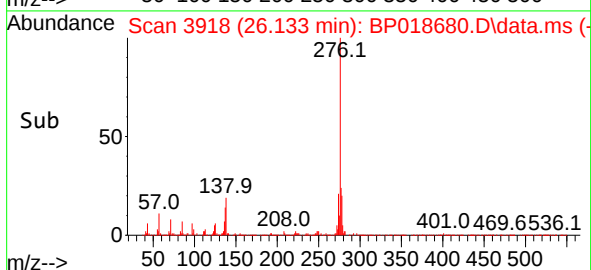
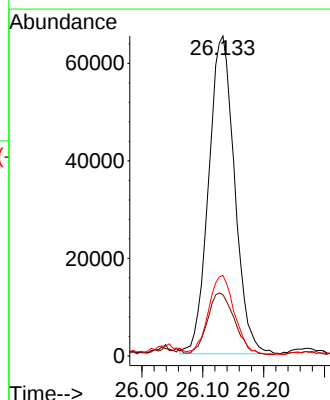
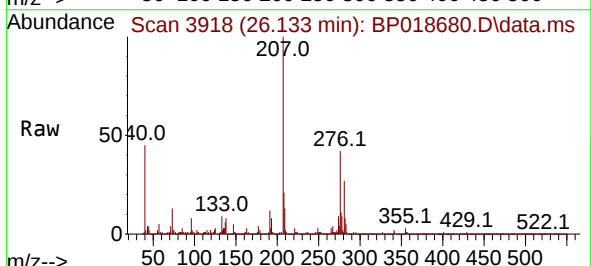
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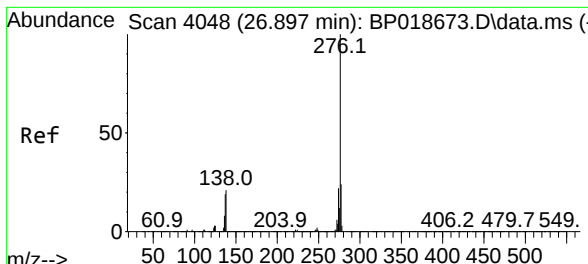
Delta R.T. -0.024 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

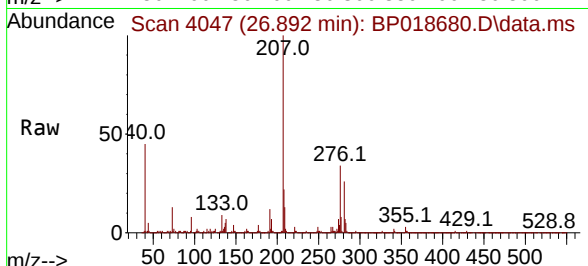
Tgt Ion:	276	Resp:	192888
Ion Ratio	Lower	Upper	
276	100		
138	19.1	19.4	29.2#
277	25.2	19.8	29.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.420 ng/ul
 RT: 26.892 min Scan# 4047
 Delta R.T. -0.024 min
 Lab File: BP018680.D
 Acq: 07 Dec 2023 19:09

Instrument :
 BNA_P
 ClientSampleId :
 C0AA4



Tgt Ion: 276 Resp: 16598

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.1	27.1
277	23.8	19.4	29.0

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