

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013312.D
 Acq On : 24 Dec 2022 22:35
 Operator : CG/JU
 Sample : N6016-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYD8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 00:25:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	668349	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	2525017	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	1294420	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2582670	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	2882494	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	3348532	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	52071	3.331	ng/uL	0.00
4) Pyridine-d5	3.769	84	82989	1.869	ng/u1	0.01
7) Phenol-d5	7.098	99	992335	18.229	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.263	67	661624	20.147	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	838920	19.576	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	620045	13.901	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	395121	21.298	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	438794	21.009	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	763507	18.820	ng/u1	0.00
31) 4-Chloroaniline-d4	10.892	131	569148	9.938	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	1992502	20.029	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	2239864	20.490	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	234990	13.132	ng/u1	0.00
60) Fluorene-d10	15.580	176	1643855	19.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	149993	9.025	ng/u1	0.00
73) Anthracene-d10	17.439	188	2400009	20.598	ng/u1	0.00
81) Pyrene-d10	19.674	212	3405058	20.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	3639521	21.806	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.386	178	615957	4.579	ng/u1	99
74) Anthracene	17.474	178	146088	1.088	ng/u1	99
80) Fluoranthene	19.351	202	1130413	6.020	ng/u1	98
82) Pyrene	19.704	202	1056352	5.453	ng/u1	97
85) Benzo(a)anthracene	21.415	228	872439	4.559	ng/u1	99
87) Chrysene	21.468	228	826285	4.566	ng/u1	98
90) Benzo(b)fluoranthene	23.151	252	1350592	6.325	ng/u1	98
91) Benzo(k)fluoranthene	23.198	252	441840m	2.087	ng/u1	
93) Benzo(a)pyrene	23.803	252	947136	5.094	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	741622	3.202	ng/u1#	95
96) Benzo(g,h,i)perylene	27.297	276	714112	3.841	ng/u1	99

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

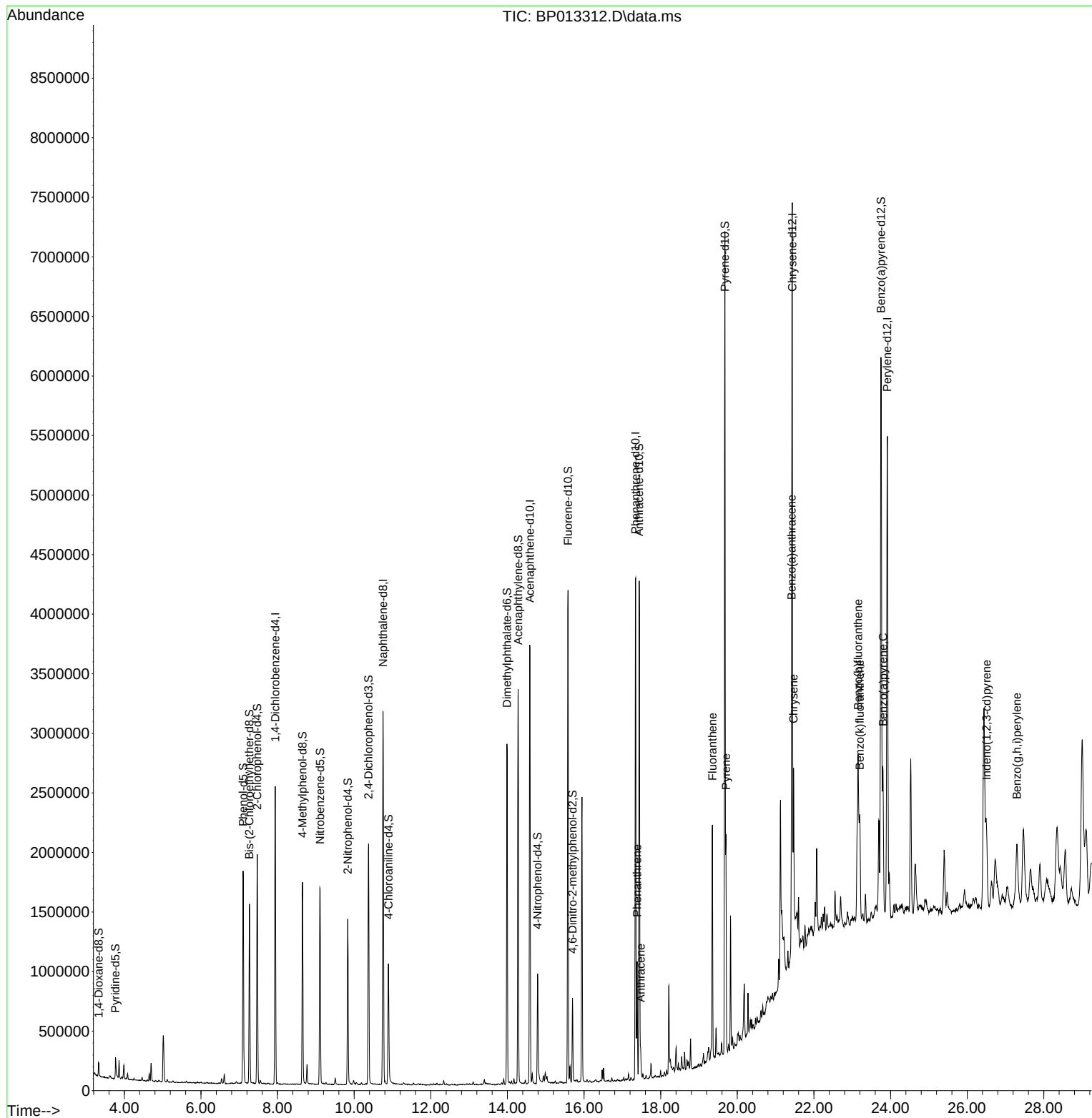
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
Data File : BP013312.D
Acq On : 24 Dec 2022 22:35
Operator : CG/JU
Sample : N6016-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

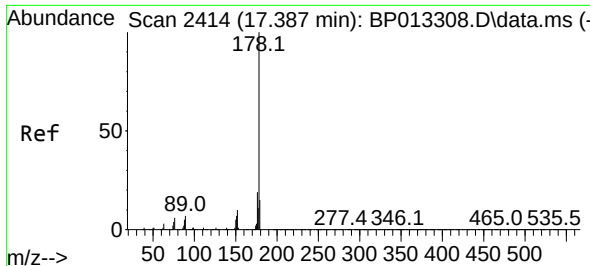
Instrument :
BNA_P
ClientSampleId :
DBYD8

Quant Time: Dec 25 00:25:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

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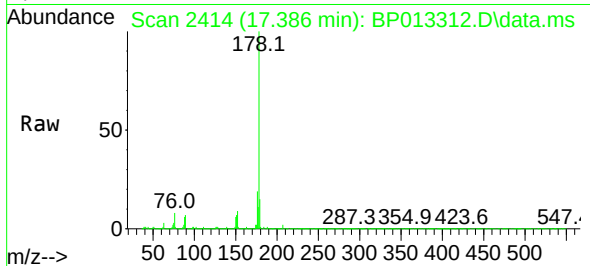
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022





#72
Phenanthrene
Concen: 4.579 ng/ul
RT: 17.386 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

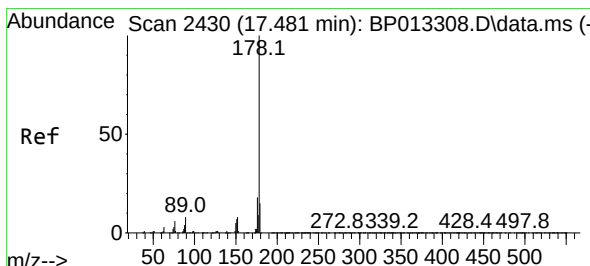
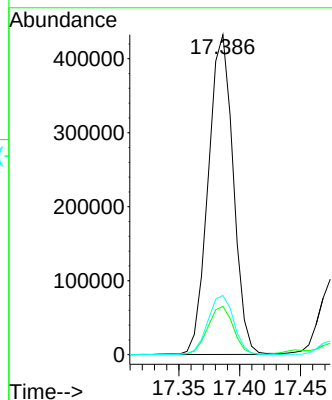
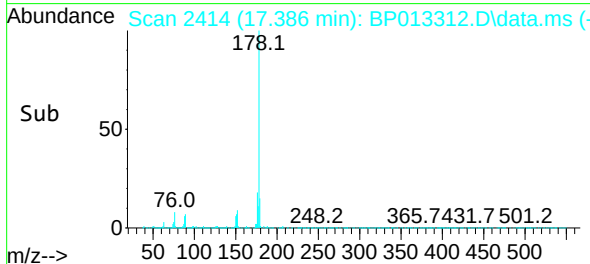
Instrument :
BNA_P
ClientSampleId :
DBYD8



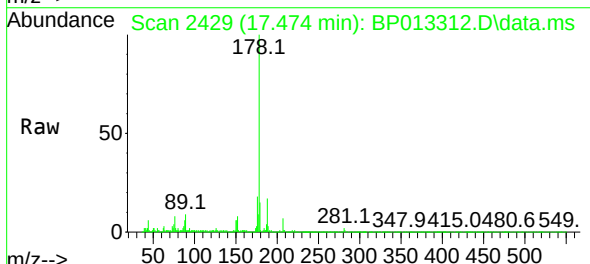
Tgt Ion:178 Resp: 61595
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 18.5 15.4 23.0

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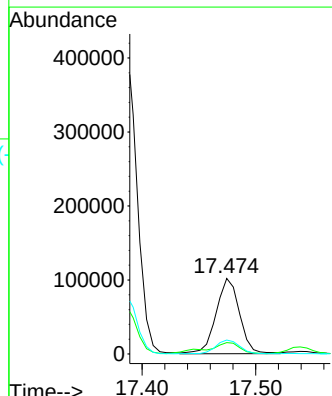
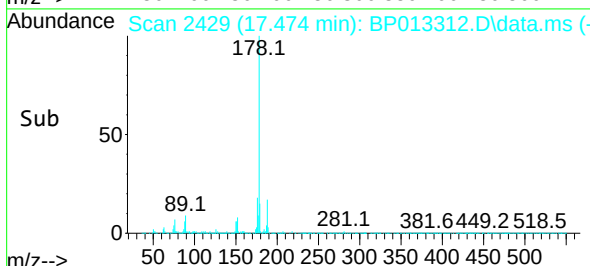
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

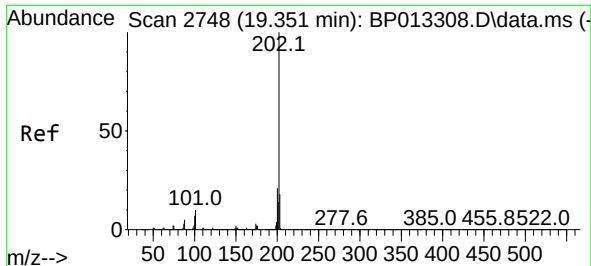


#74
Anthracene
Concen: 1.088 ng/ul
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35



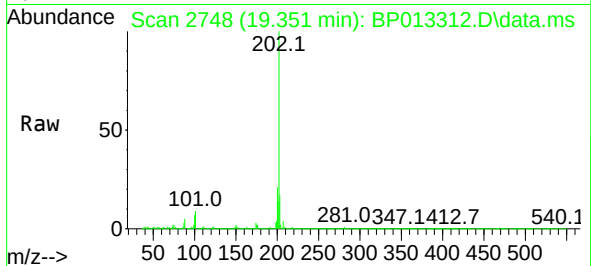
Tgt Ion:178 Resp: 146088
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 18.5 14.8 22.2





#80
Fluoranthene
Concen: 6.020 ng/u1
RT: 19.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

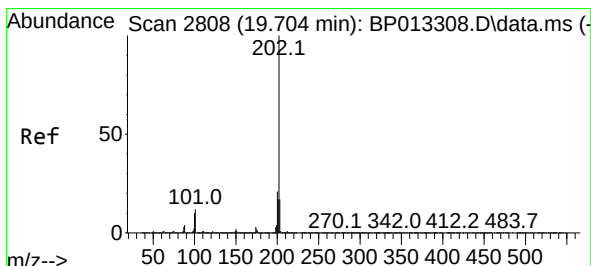
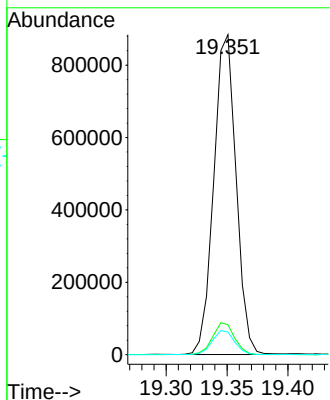
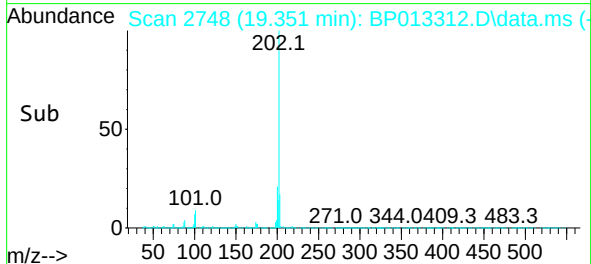
Instrument :
BNA_P
ClientSampleId :
DBYD8



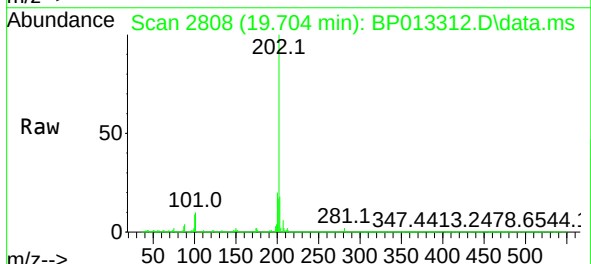
Tgt Ion:202 Resp: 113041
Ion Ratio Lower Upper
202 100
101 9.4 8.2 12.2
100 7.1 6.1 9.1

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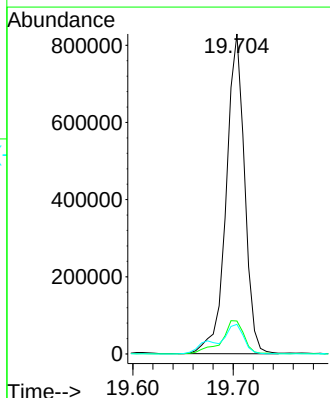
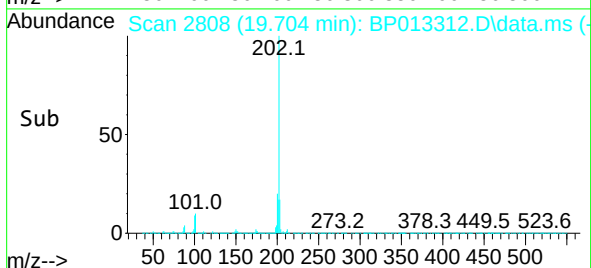
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

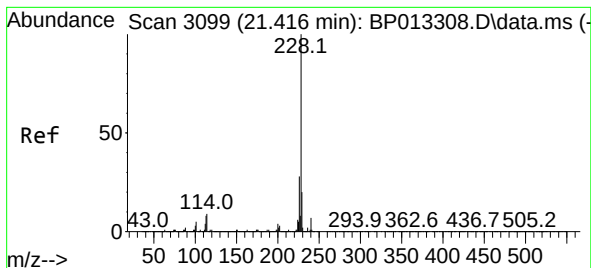


#82
Pyrene
Concen: 5.453 ng/u1
RT: 19.704 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35



Tgt Ion:202 Resp: 1056352
Ion Ratio Lower Upper
202 100
101 10.3 9.4 14.2
100 9.3 7.8 11.8





#85

Benzo(a)anthracene

Concen: 4.559 ng/ul

RT: 21.415 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

Instrument :

BNA_P

ClientSampleId :

DBYD8

Tgt Ion:228 Resp: 872439

Ion Ratio Lower Upper

228 100

229 20.7 16.1 24.1

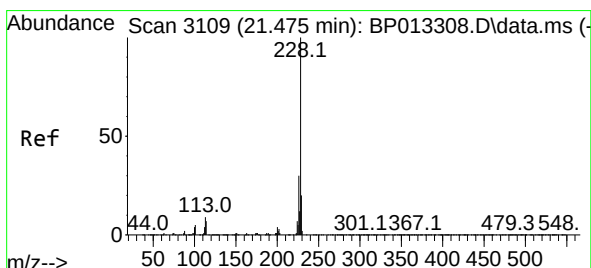
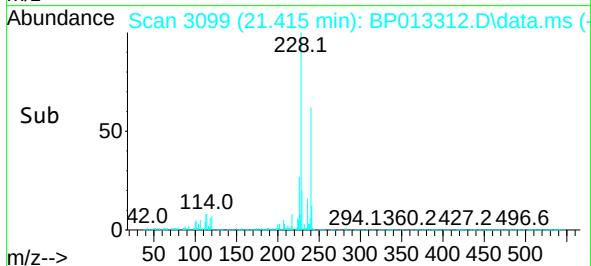
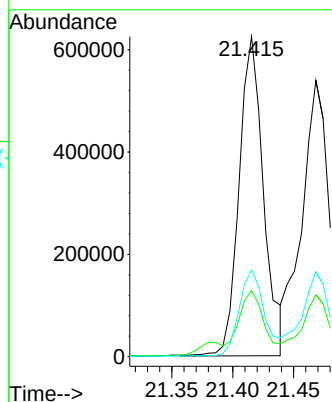
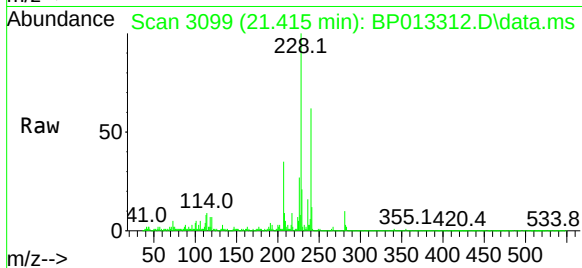
226 27.1 22.0 33.0

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Supervised By :Yogesh Patel 12/25/2022



#87

Chrysene

Concen: 4.566 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP013312.D

Acq: 24 Dec 2022 22:35

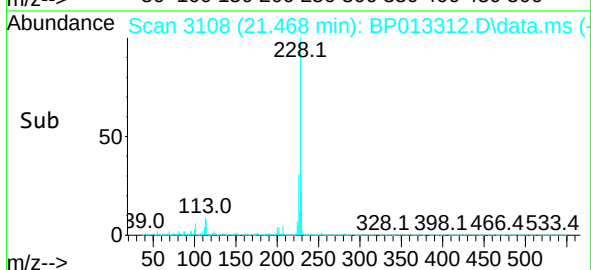
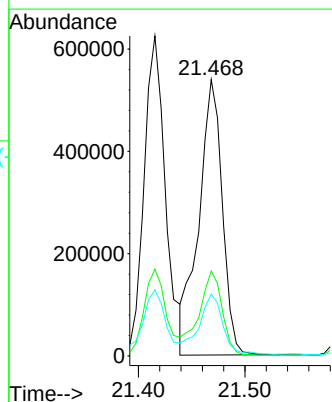
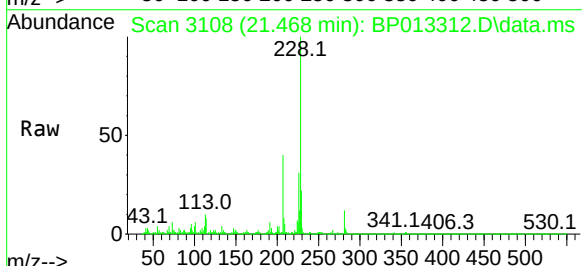
Tgt Ion:228 Resp: 826285

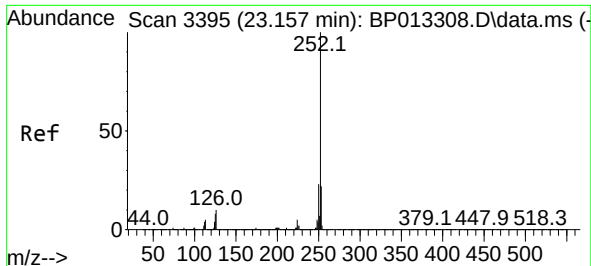
Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

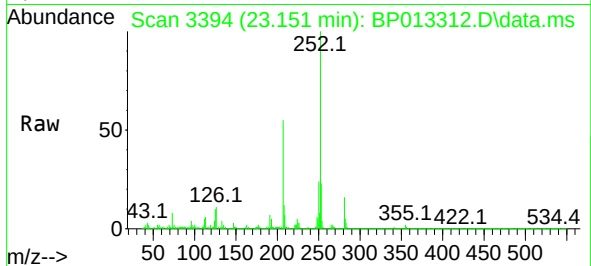
229 22.4 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 6.325 ng/ul
RT: 23.151 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

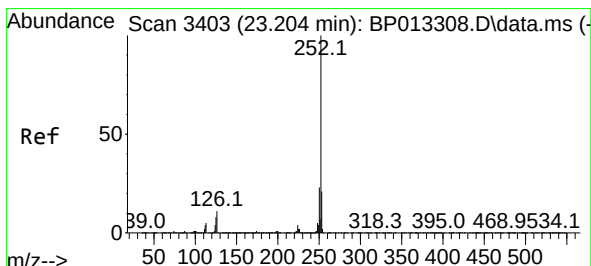
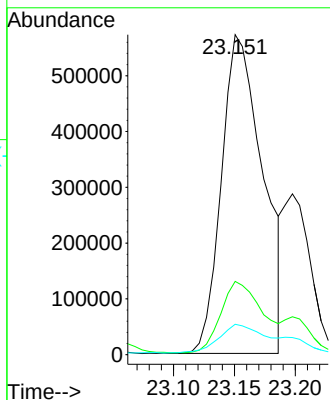
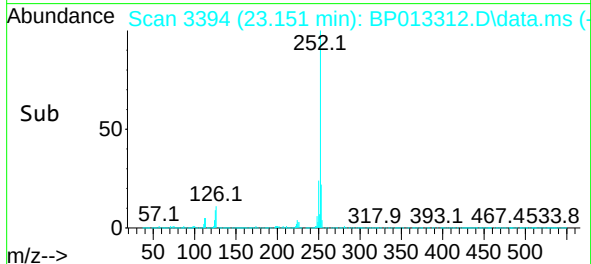
Instrument :
BNA_P
ClientSampleId :
DBYD8



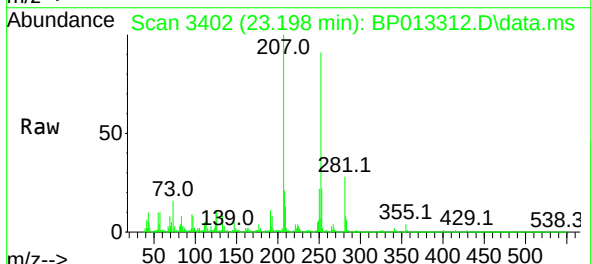
Tgt Ion:252 Resp: 1350592
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.5 6.8 10.2

Manual Integrations
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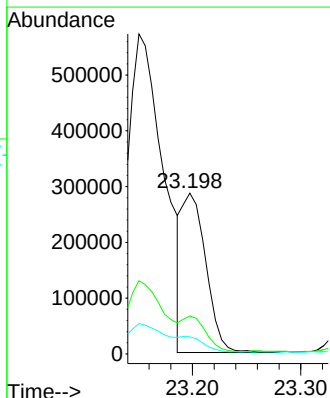
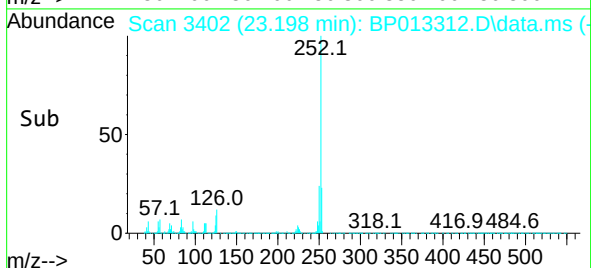
Reviewed By :Jagrut Upadhyay 12/25/2022
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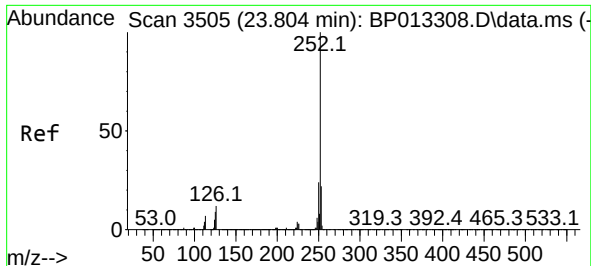


#91
Benzo(k)fluoranthene
Concen: 2.087 ng/ul m
RT: 23.198 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35



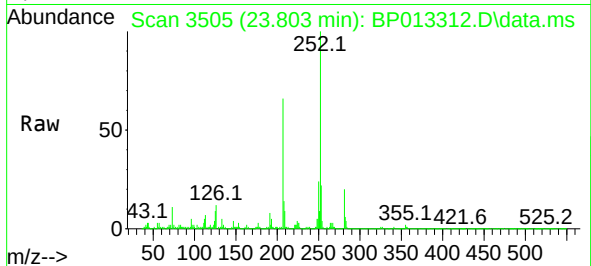
Tgt Ion:252 Resp: 441840
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 10.6 6.8 10.2#





#93
Benzo(a)pyrene
Concen: 5.094 ng/u1
RT: 23.803 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35

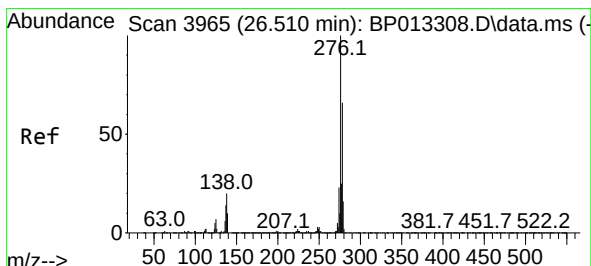
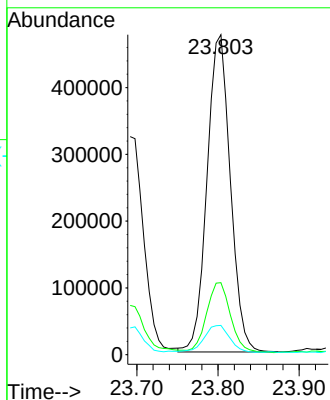
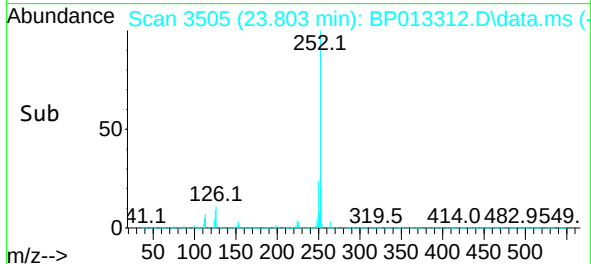
Instrument :
BNA_P
ClientSampleId :
DBYD8



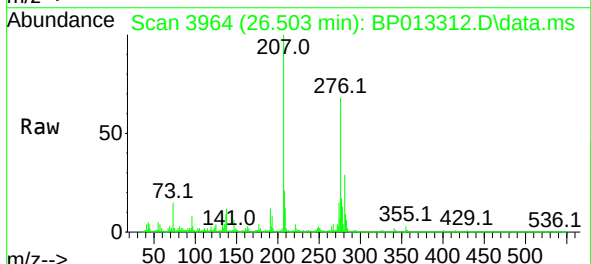
Tgt Ion:252 Resp: 947130
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.2 7.5 11.3

Manual Integrations
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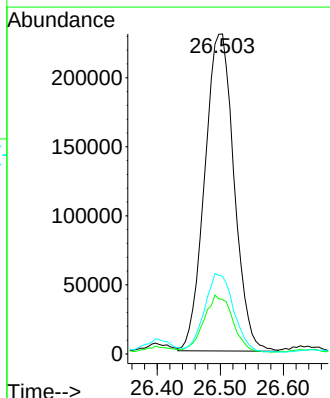
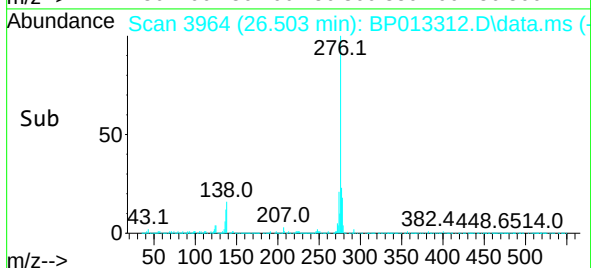
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

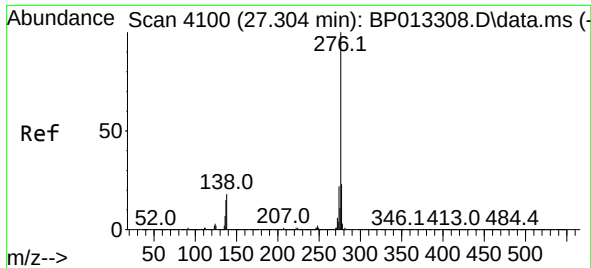


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.202 ng/u1
RT: 26.503 min Scan# 3964
Delta R.T. -0.012 min
Lab File: BP013312.D
Acq: 24 Dec 2022 22:35



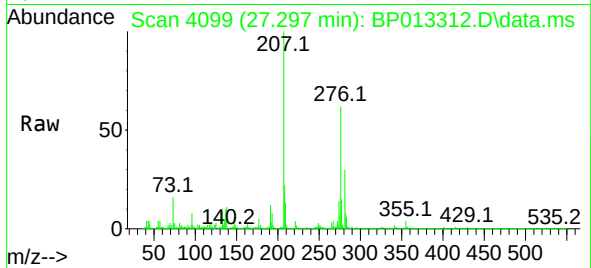
Tgt Ion:276 Resp: 741622
Ion Ratio Lower Upper
276 100
138 17.0 17.1 25.7#
277 24.3 20.0 30.0





#96
 Benzo(g,h,i)perylene
 Concen: 3.841 ng/ul
 RT: 27.297 min Scan# 4099
 Delta R.T. -0.012 min
 Lab File: BP013312.D
 Acq: 24 Dec 2022 22:35

Instrument :
 BNA_P
 ClientSampleId :
 DBYD8



Tgt Ion:276 Resp: 71411
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.4 23.2
 277 24.5 19.1 28.7

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