

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017981.D
 Acq On : 09 Nov 2023 02:29
 Operator : MA/JU
 Sample : 05060-21
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 03:09:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	81140	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	342727	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	215140	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	460292	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.404	240	407119	20.000	ng/u1	-0.01
88) Perylene-d12	23.886	264	439839	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3491	1.647	ng/uL	0.00
4) Pyridine-d5	3.699	84	11011m	1.871	ng/u1	0.02
7) Phenol-d5	7.022	99	57671	7.579	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	38550	8.399	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	47826	8.180	ng/u1	-0.01
15) 4-Methylphenol-d8	8.581	113	40850	6.495	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	23961	8.748	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	26432	8.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	45848	7.928	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	36834	4.395	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	166538	8.828	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	178325	8.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	13526m	4.663	ng/u1	0.02
60) Fluorene-d10	15.516	176	141573	8.966	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	16090m	4.780	ng/u1	0.00
73) Anthracene-d10	17.387	188	207472	8.669	ng/u1	-0.01
81) Pyrene-d10	19.633	212	267141	10.337	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.721	264	238147	9.690	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.328	178	57979	2.142	ng/u1	99
74) Anthracene	17.422	178	175110	6.365	ng/u1	99
80) Fluoranthene	19.310	202	287771	9.541	ng/u1	100
82) Pyrene	19.663	202	304119	9.667	ng/u1	99
85) Benzo(a)anthracene	21.386	228	131158	4.183	ng/u1	96
87) Chrysene	21.445	228	226586m	7.793	ng/u1	
90) Benzo(b)fluoranthene	23.116	252	270545	8.912	ng/u1	97
91) Benzo(k)fluoranthene	23.163	252	78747m	2.587	ng/u1	
93) Benzo(a)pyrene	23.774	252	89550	3.173	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.510	276	81631	2.429	ng/u1	97
96) Benzo(g,h,i)perylene	27.333	276	66666	2.491	ng/u1	97

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

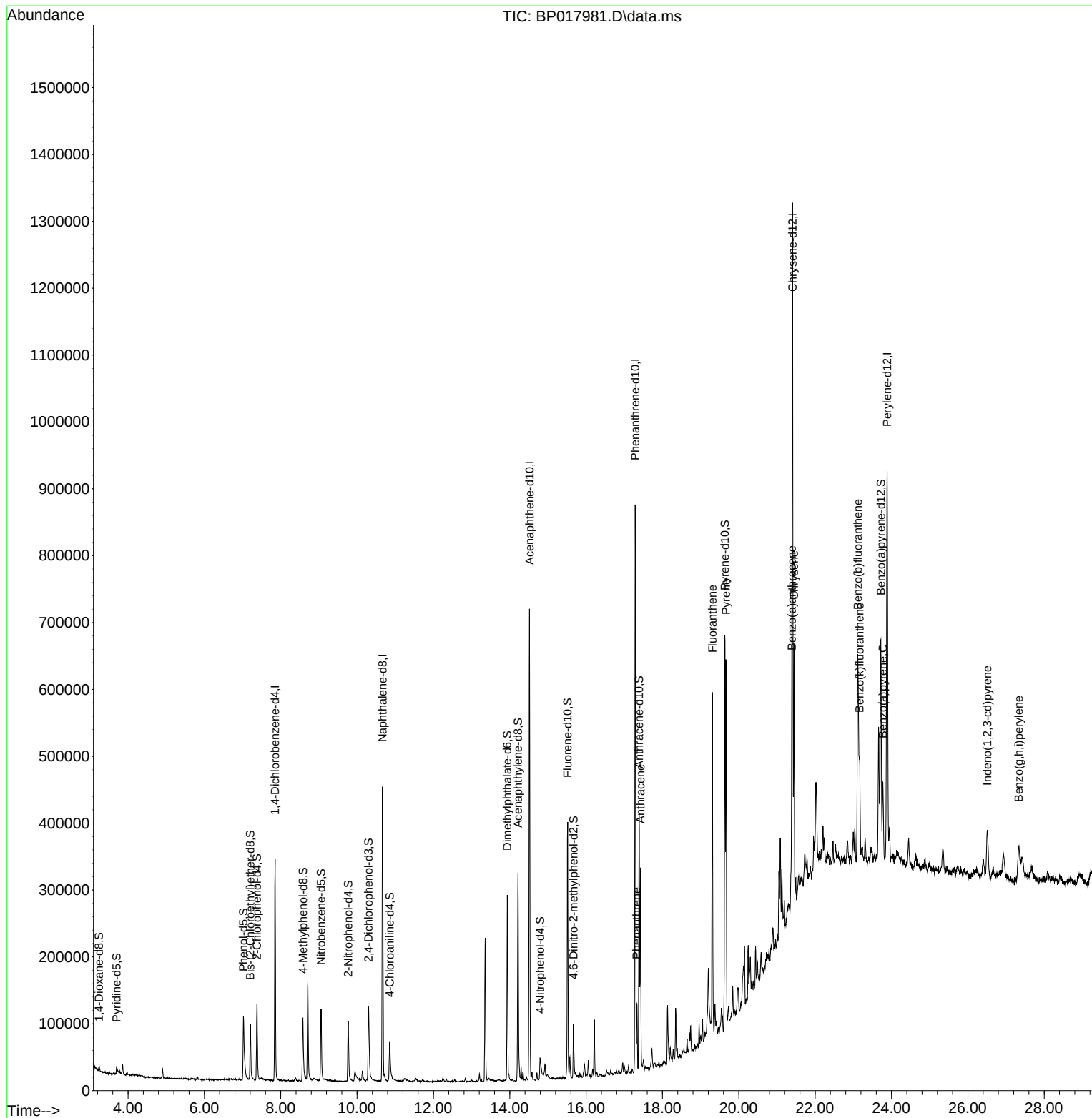
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017981.D
Acq On : 09 Nov 2023 02:29
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Sample : 05060-21
Misc :
ALS Vial : 62 Sample Multiplier: 1

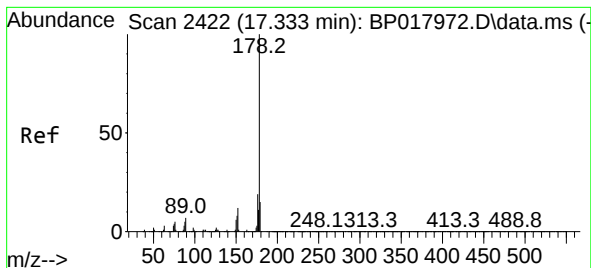
Instrument :
BNA_P
ClientSampleId :
DCKH9

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.142 ng/ul

RT: 17.328 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP017981.D

Acq: 09 Nov 2023 02:29

Instrument :

BNA_P

ClientSampleId :

DCKH9

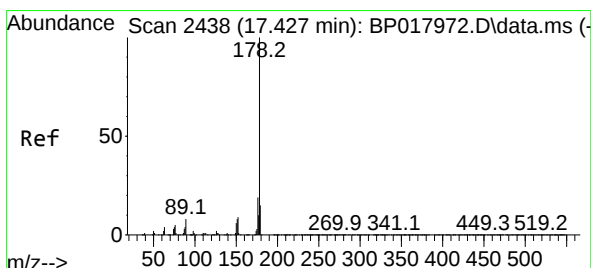
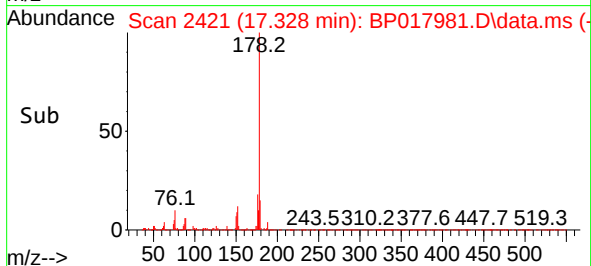
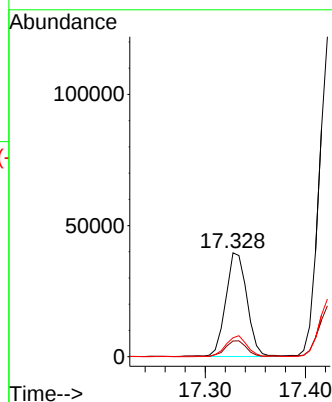
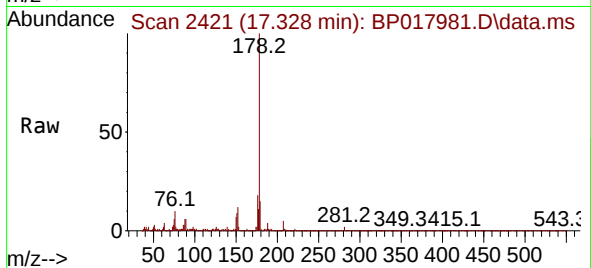
Tgt Ion:178	Resp: 57979
Ion Ratio	Lower Upper
178 100	
179 15.2	12.3 18.5
176 18.2	15.2 22.8

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2023



#74

Anthracene

Concen: 6.365 ng/ul

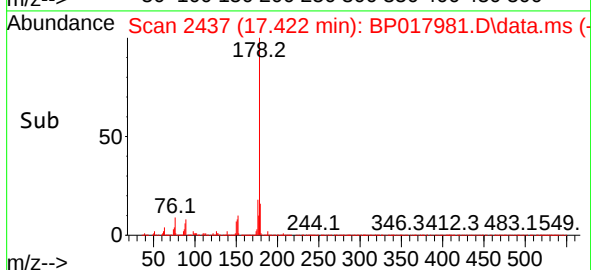
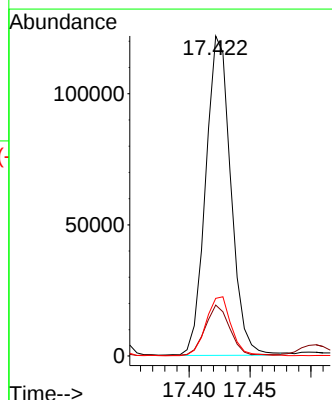
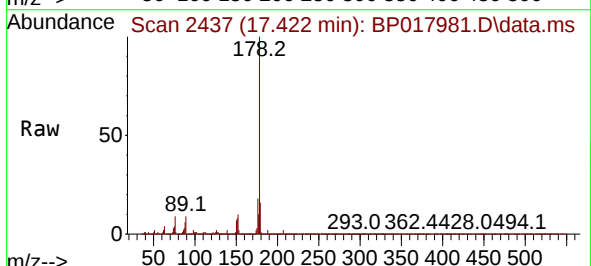
RT: 17.422 min Scan# 2437

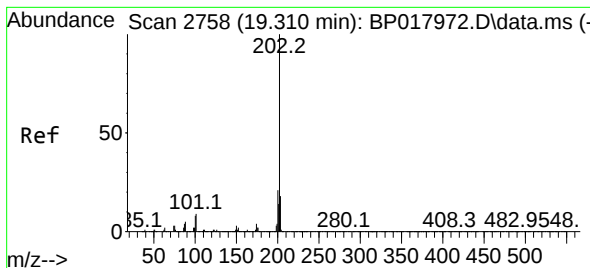
Delta R.T. -0.012 min

Lab File: BP017981.D

Acq: 09 Nov 2023 02:29

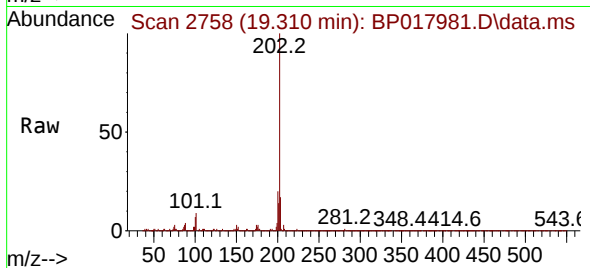
Tgt Ion:178	Resp: 175110
Ion Ratio	Lower Upper
178 100	
179 15.9	12.5 18.7
176 18.0	14.9 22.3





#80
Fluoranthene
Concen: 9.541 ng/uI
RT: 19.310 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BP017981.D
Acq: 09 Nov 2023 02:29

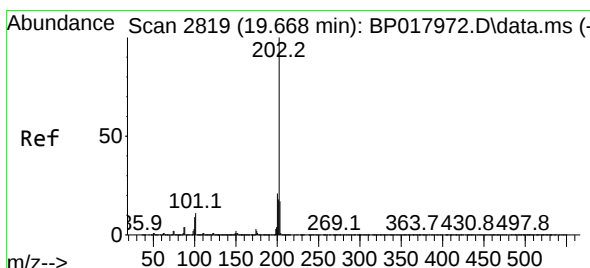
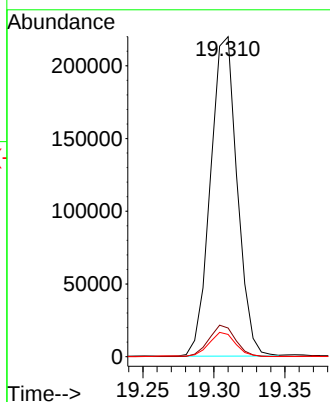
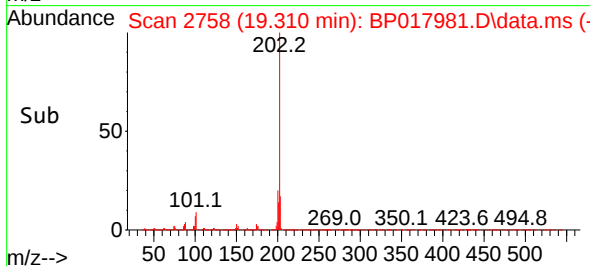
Instrument :
BNA_P
ClientSampleId :
DCKH9



Tgt Ion:202 Resp: 28777
Ion Ratio Lower Upper
202 100
101 8.9 7.1 10.7
100 7.0 5.3 7.9

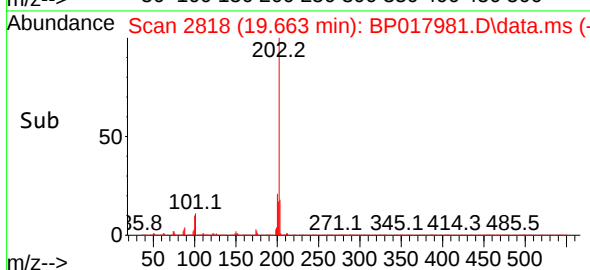
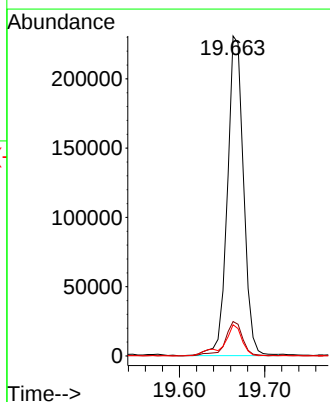
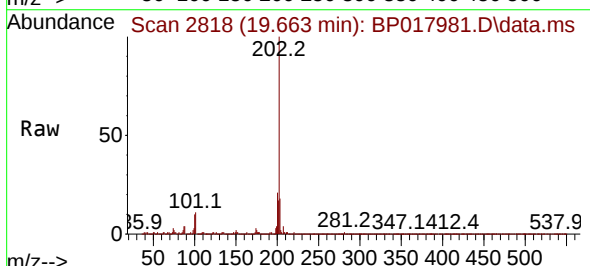
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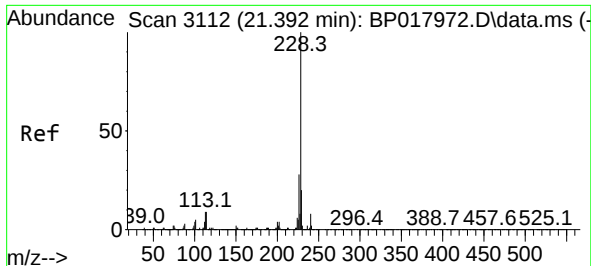
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#82
Pyrene
Concen: 9.667 ng/uI
RT: 19.663 min Scan# 2818
Delta R.T. -0.012 min
Lab File: BP017981.D
Acq: 09 Nov 2023 02:29

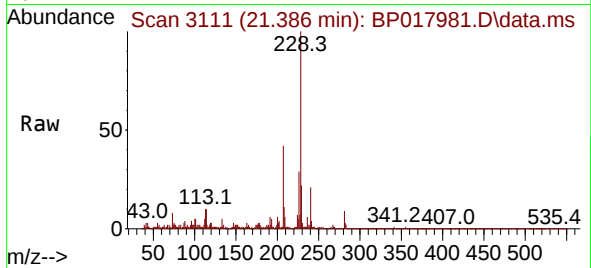
Tgt Ion:202 Resp: 304119
Ion Ratio Lower Upper
202 100
101 10.8 8.6 12.8
100 9.8 7.3 10.9





#85
Benzo(a)anthracene
Concen: 4.183 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP017981.D
Acq: 09 Nov 2023 02:29

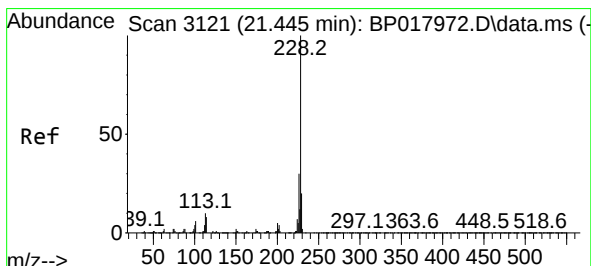
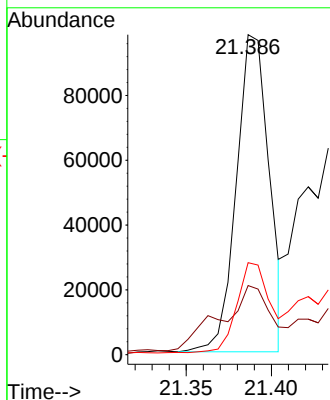
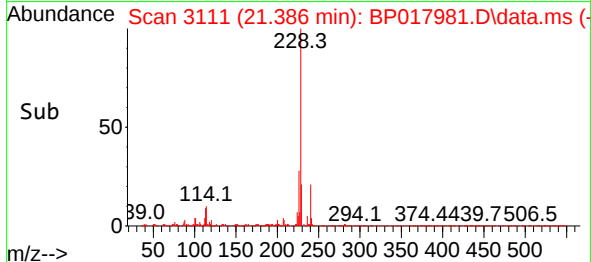
Instrument :
BNA_P
ClientSampleId :
DCKH9



Tgt Ion:228 Resp: 131158
Ion Ratio Lower Upper
228 100
229 21.6 15.4 23.2
226 28.7 21.6 32.4

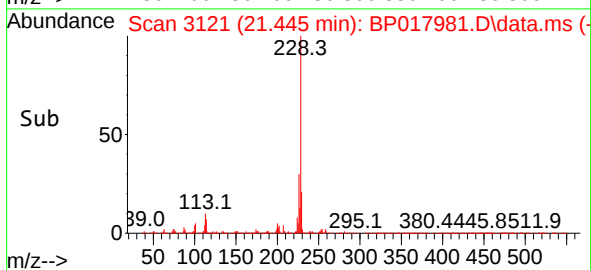
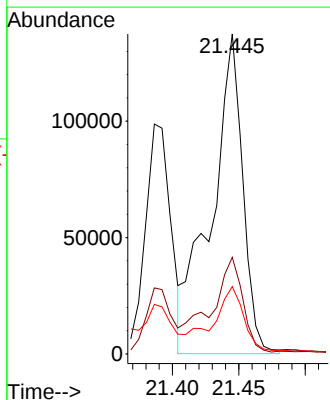
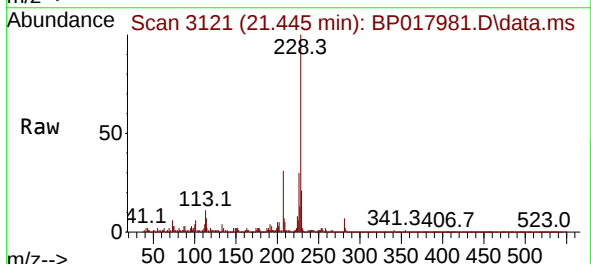
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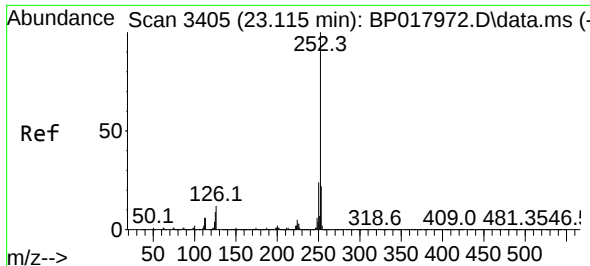
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#87
Chrysene
Concen: 7.793 ng/ul m
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP017981.D
Acq: 09 Nov 2023 02:29

Tgt Ion:228 Resp: 226586
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 21.1 16.1 24.1





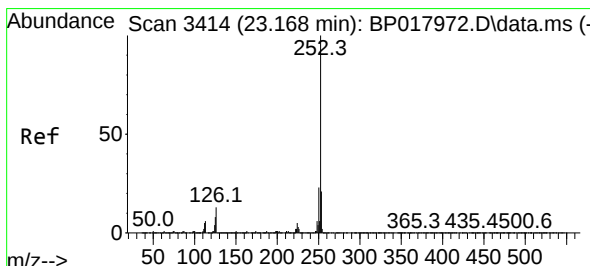
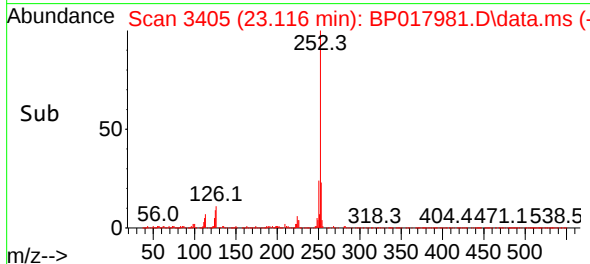
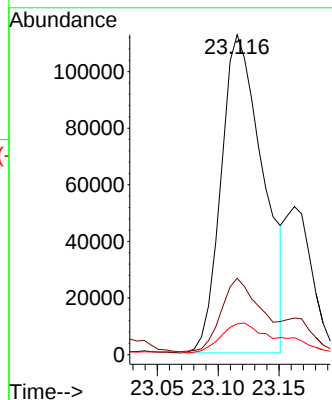
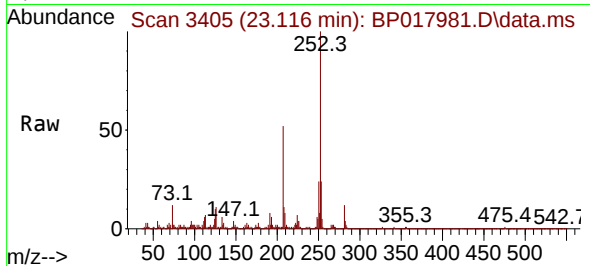
#90
Benzo(b)fluoranthene
Concen: 8.912 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP017981.D
Acq: 09 Nov 2023 02:29

Instrument :
BNA_P
ClientSampleId :
DCKH9

Tgt Ion:252 Resp: 270549
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 9.6 6.6 10.0

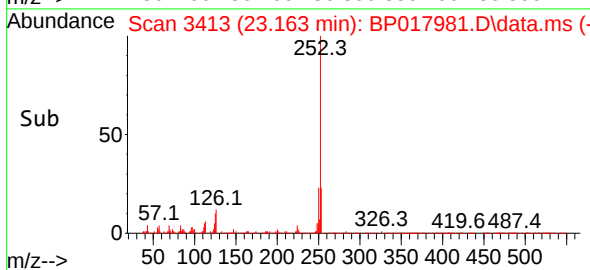
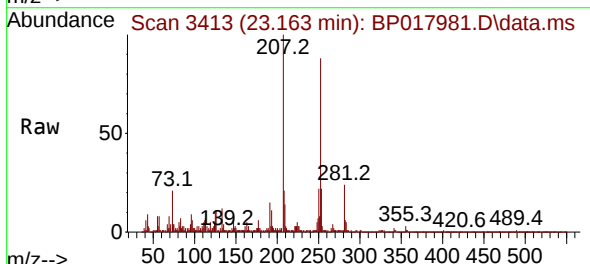
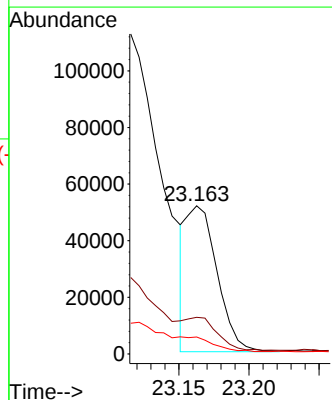
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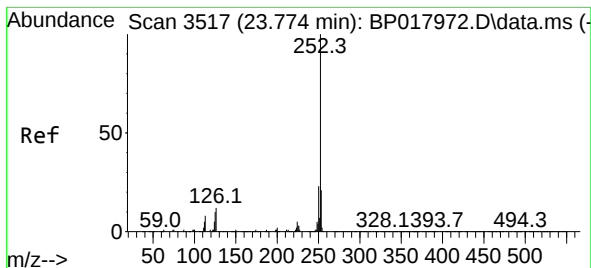
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#91
Benzo(k)fluoranthene
Concen: 2.587 ng/ul m
RT: 23.163 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP017981.D
Acq: 09 Nov 2023 02:29

Tgt Ion:252 Resp: 78747
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 11.4 7.0 10.6#





#93

Benzo(a)pyrene

Concen: 3.173 ng/ul

RT: 23.774 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BP017981.D

Acq: 09 Nov 2023 02:29

Instrument :

BNA_P

ClientSampleId :

DCKH9

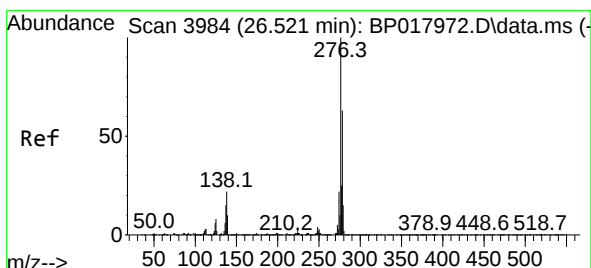
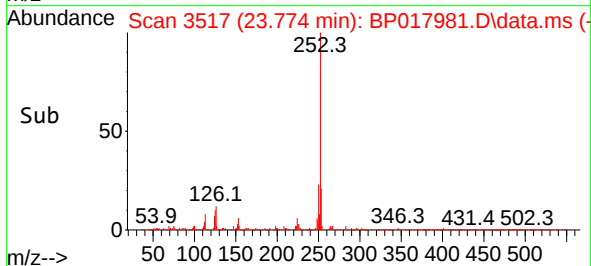
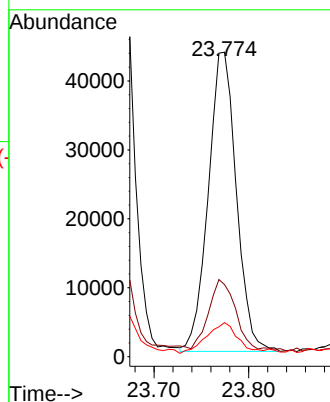
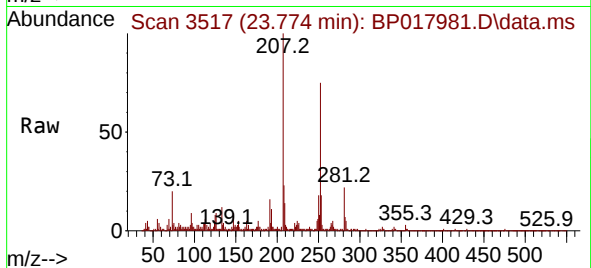
Tgt Ion:	252	Resp:	89550
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.3	25.9
125	11.2	7.5	11.3

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.429 ng/ul

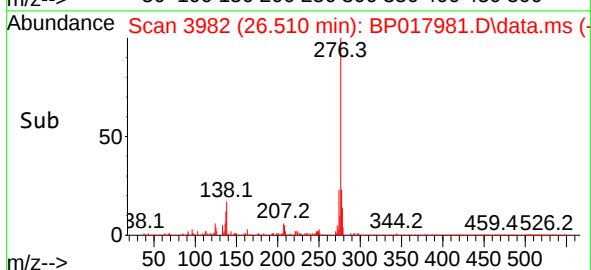
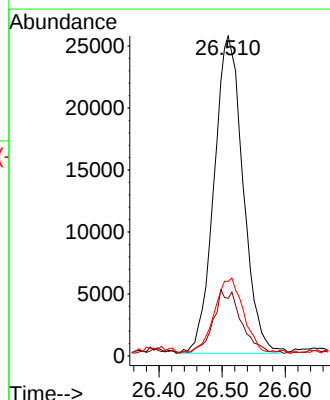
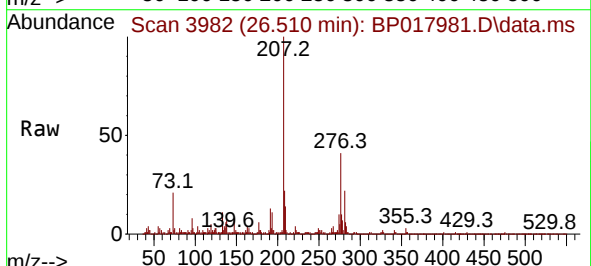
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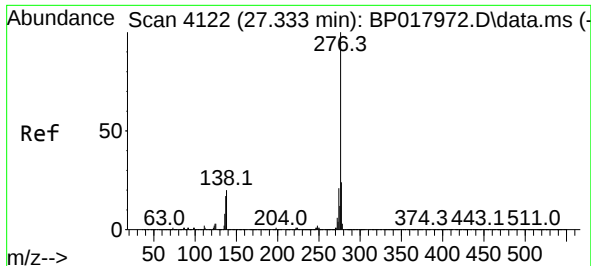
Delta R.T. -0.018 min

Lab File: BP017981.D

Acq: 09 Nov 2023 02:29

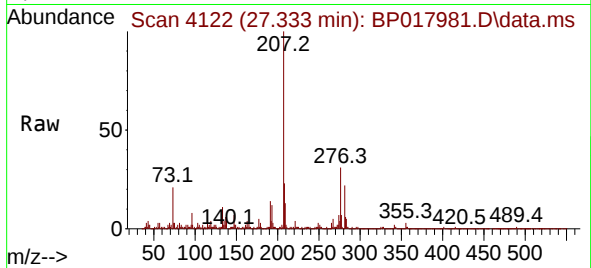
Tgt Ion:	276	Resp:	81631
Ion Ratio	Lower	Upper	
276	100		
138	18.0	15.9	23.9
277	23.3	19.5	29.3





#96
 Benzo(g,h,i)perylene
 Concen: 2.491 ng/ul
 RT: 27.333 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP017981.D
 Acq: 09 Nov 2023 02:29

Instrument :
 BNA_P
 ClientSampleId :
 DCKH9



Tgt Ion:276 Resp: 6666
 Ion Ratio Lower Upper
 276 100
 138 19.8 14.7 22.1
 277 22.3 19.2 28.8

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