

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015970.D
 Acq On : 04 Jul 2023 11:44
 Operator : MA/JU
 Sample : 03353-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGK3

Quant Time: Jul 04 22:10:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	287701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1274320	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	731446	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1332012	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	899316	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	1048731	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	37463	4.685	ng/uL	0.00
4) Pyridine-d5	3.823	84	363705	18.043	ng/u1	0.00
7) Phenol-d5	7.228	99	700895	28.473	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	523843	34.397	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	595709	32.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	479636	24.665	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	298425	30.643	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	327173	28.784	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	528482	26.092	ng/u1	0.02
31) 4-Chloroaniline-d4	11.052	131	416664	16.014	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	1777588	31.442	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1998123	31.440	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	139558m	18.706	ng/u1	0.05
60) Fluorene-d10	15.693	176	1416230	30.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	144065	17.587	ng/u1	0.01
73) Anthracene-d10	17.557	188	1842306	30.279	ng/u1	0.00
81) Pyrene-d10	19.781	212	1923842	32.761	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	1709515	32.314	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.498	178	284362	3.930	ng/u1	99
80) Fluoranthene	19.457	202	794062	10.880	ng/u1#	92
82) Pyrene	19.816	202	688659	9.250	ng/u1#	91
85) Benzo(a)anthracene	21.528	228	387225	6.121	ng/u1	95
87) Chrysene	21.586	228	478737	7.976	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	650731	9.657	ng/u1#	96
91) Benzo(k)fluoranthene	23.351	252	207142m	3.042	ng/u1	
93) Benzo(a)pyrene	23.974	252	450796	7.656	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	323539	4.048	ng/u1	95
95) Dibenzo(a,h)anthracene	26.780	278	101146	1.541	ng/u1#	74
96) Benzo(g,h,i)perylene	27.621	276	333052	5.065	ng/u1#	90

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

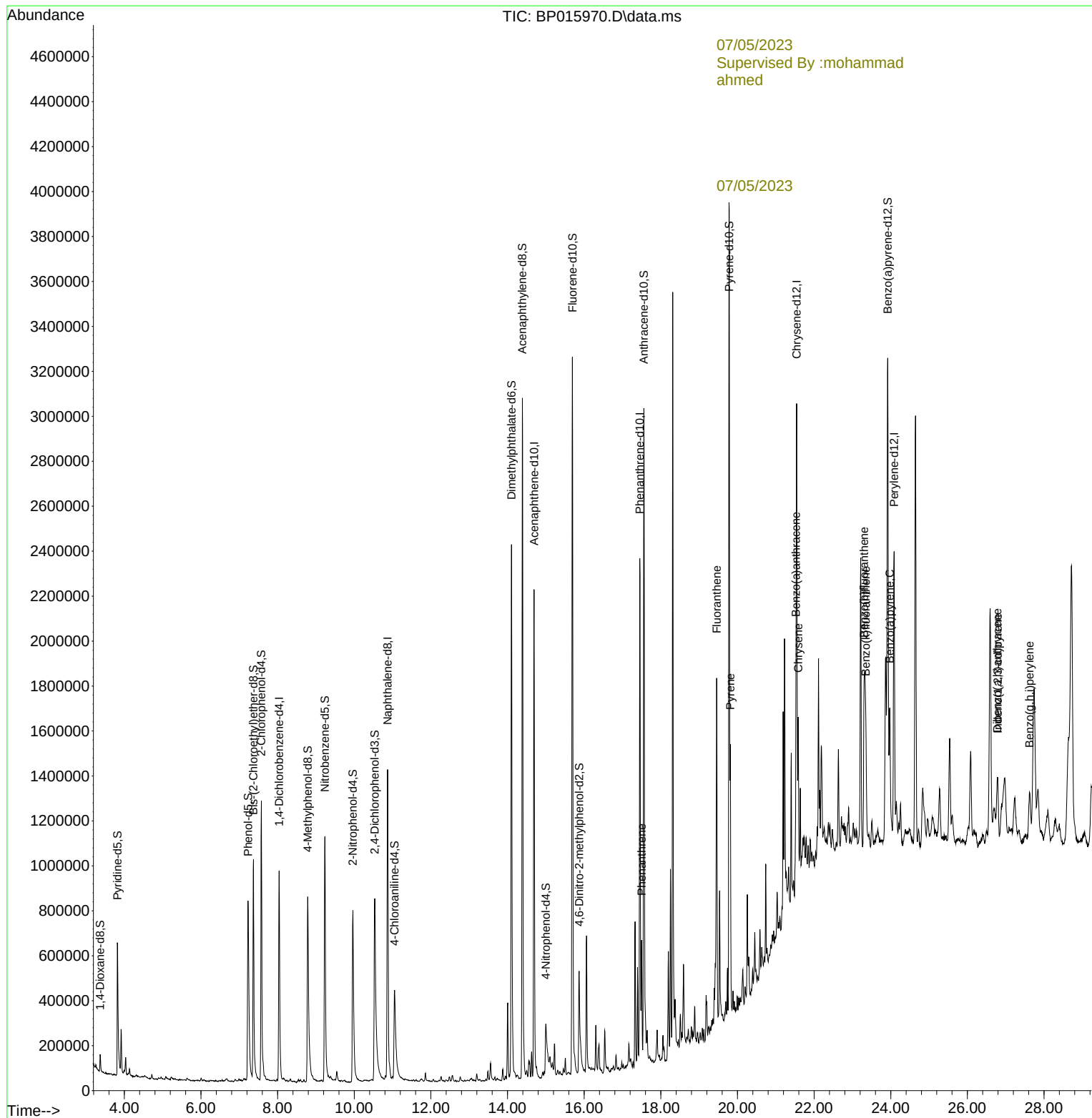
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015970.D
Acq On : 04 Jul 2023 11:44
Operator : MA/JU
Sample : 03353-01
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ALS Vial : 16 Sample Multiplier: 1

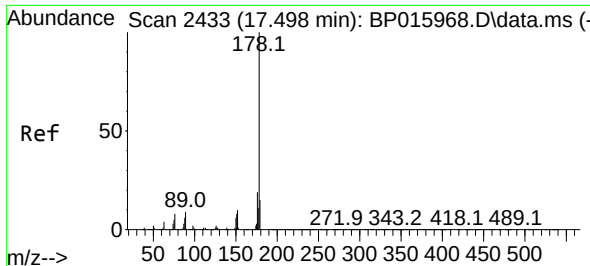
Instrument :
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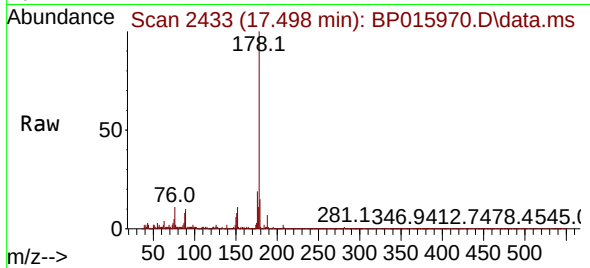
Quant Time: Jul 04 22:10:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.930 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

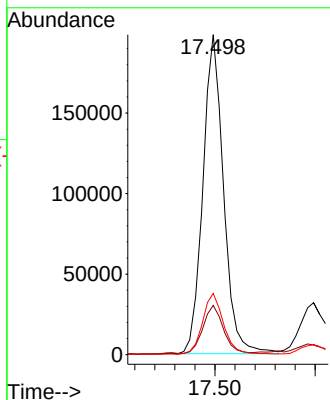
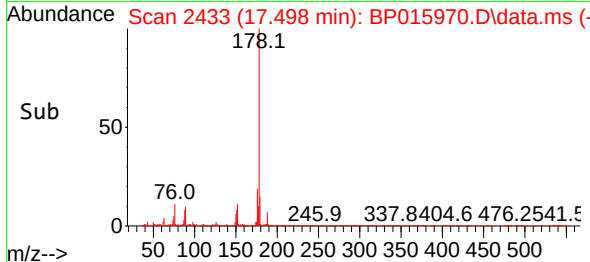
Instrument :
BNA_P
ClientSampleId :
DCGK3



Tgt Ion:178 Resp: 284362
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.1 15.6 23.4

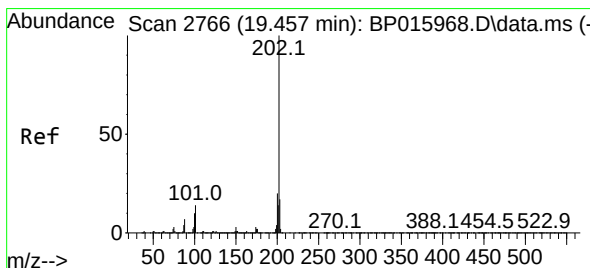
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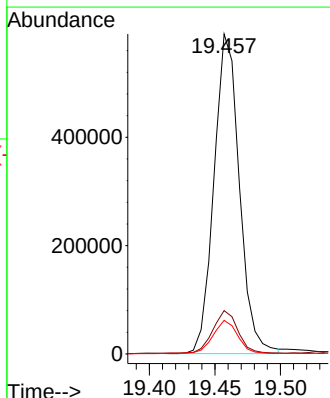
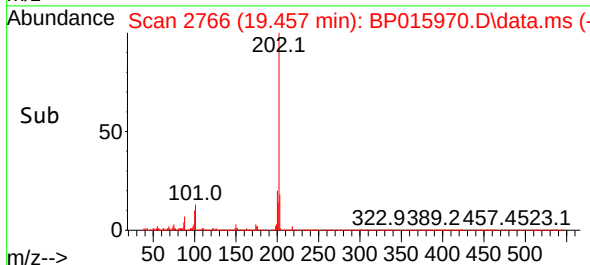
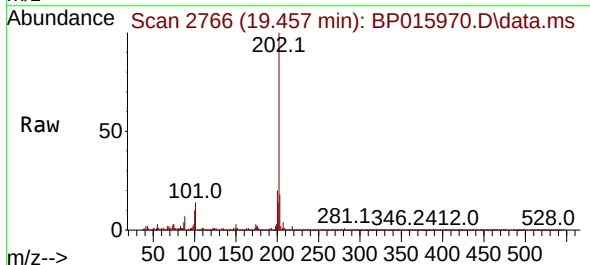
07/05/2023
Supervised By :mohammad
ahmed

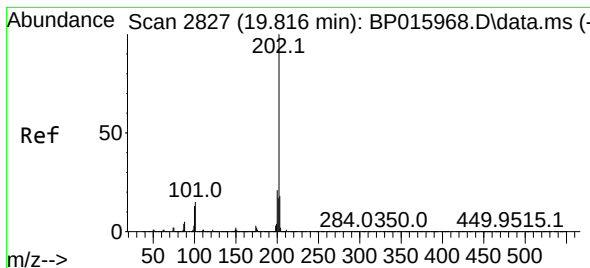
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#80
Fluoranthene
Concen: 10.880 ng/ul
RT: 19.457 min Scan# 2766
Delta R.T. -0.005 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

Tgt Ion:202 Resp: 794062
Ion Ratio Lower Upper
202 100
101 13.6 8.3 12.5#
100 10.5 6.6 9.8#





#82

Pyrene

Concen: 9.250 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015970.D

Acq: 04 Jul 2023 11:44

Instrument :

BNA_P

ClientSampleId :

DCGK3

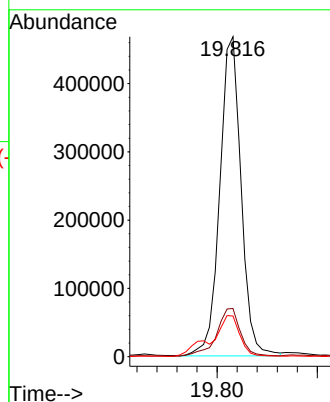
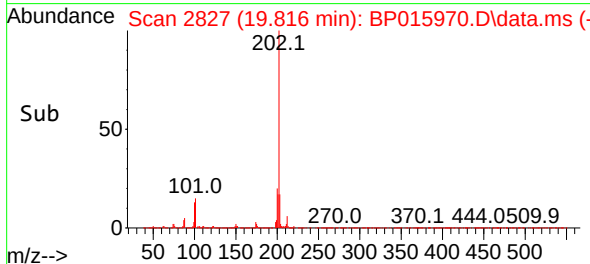
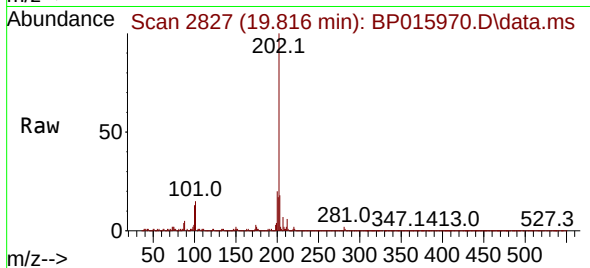
Tgt Ion:	202	Resp:	68865
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.3	13.9
100	12.7	7.6	11.4

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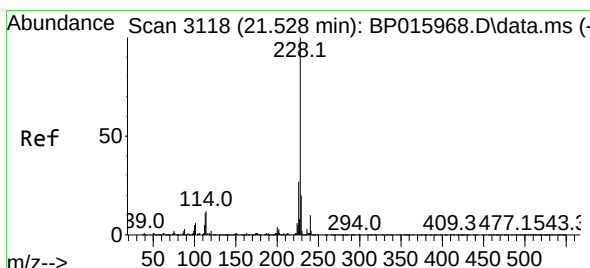
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#85

Benzo(a)anthracene

Concen: 6.121 ng/ul

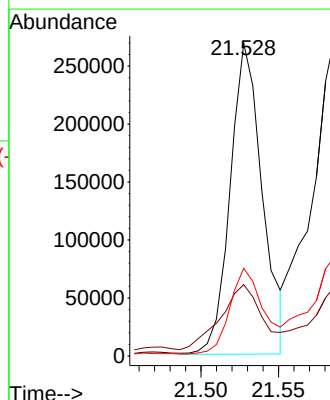
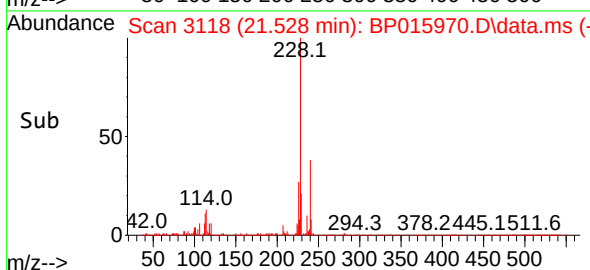
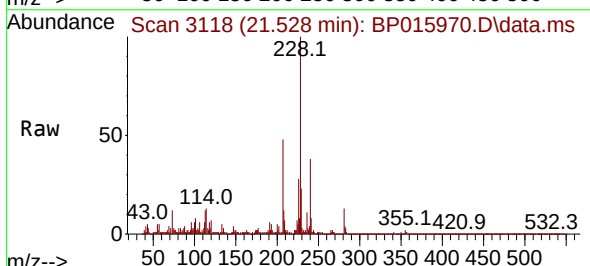
RT: 21.528 min Scan# 3118

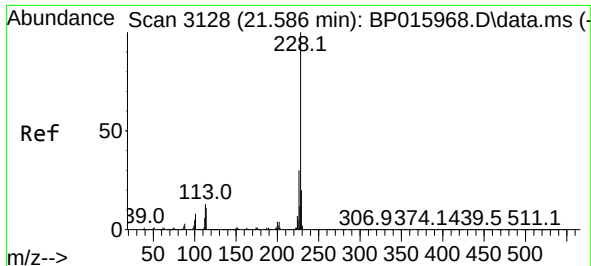
Delta R.T. -0.005 min

Lab File: BP015970.D

Acq: 04 Jul 2023 11:44

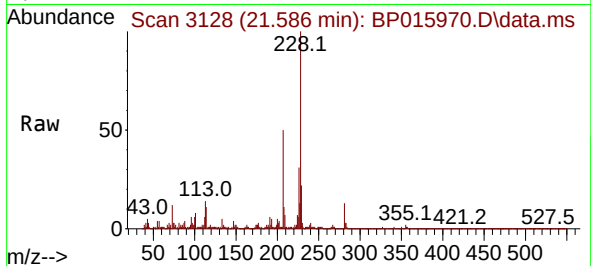
Tgt Ion:	228	Resp:	387225
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.3	22.9
226	28.1	21.4	32.0





#87
Chrysene
Concen: 7.976 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

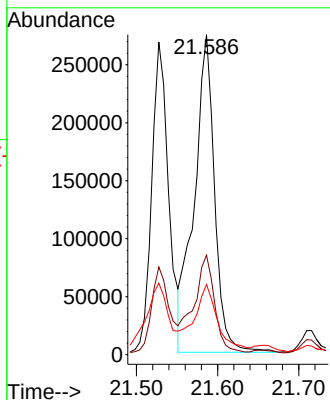
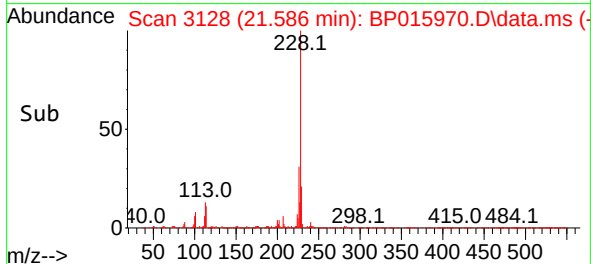
Instrument :
BNA_P
ClientSampleId :
DCGK3



Tgt Ion:228 Resp: 478731
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 21.9 15.5 23.3

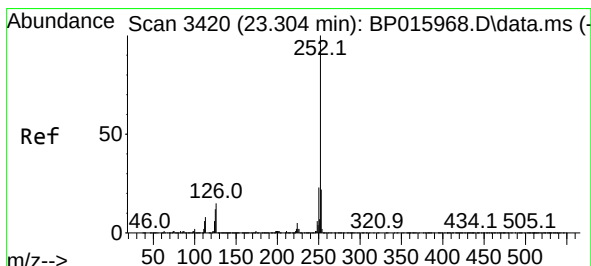
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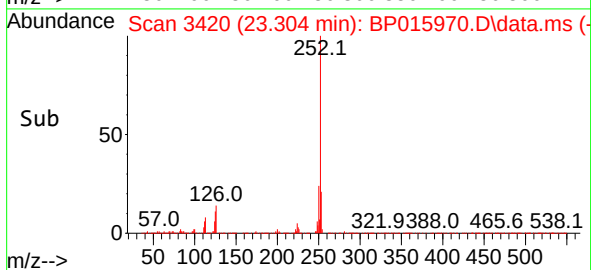
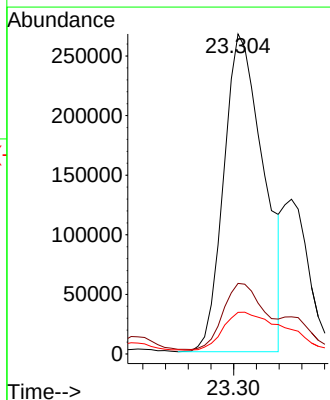
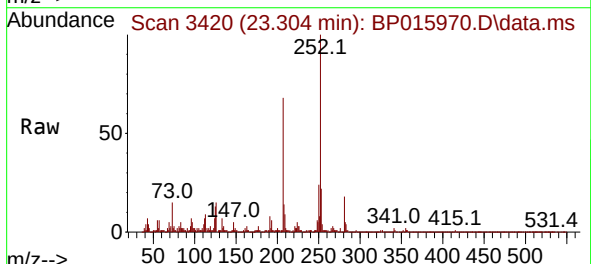
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ahmed

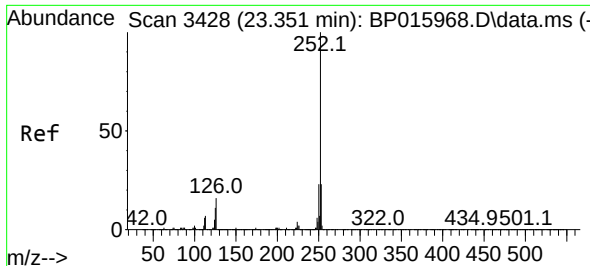
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#90
Benzo(b)fluoranthene
Concen: 9.657 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.005 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

Tgt Ion:252 Resp: 650731
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 13.0 7.5 11.3





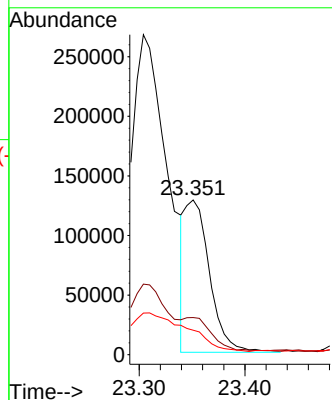
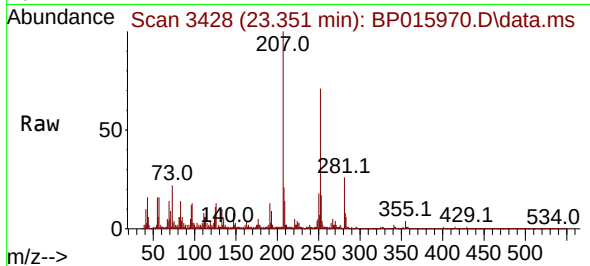
#91
Benzo(k)fluoranthene
Concen: 3.042 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.005 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

Instrument :
BNA_P
ClientSampleId :
DCGK3

Tgt Ion:252 Resp: 20714
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 15.9 7.3 10.9

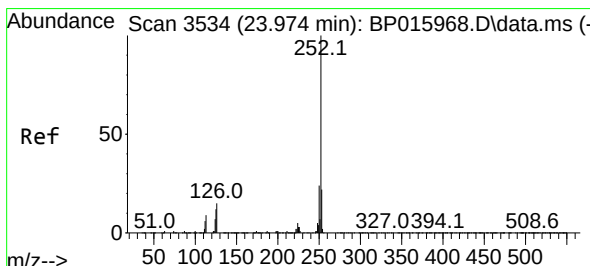
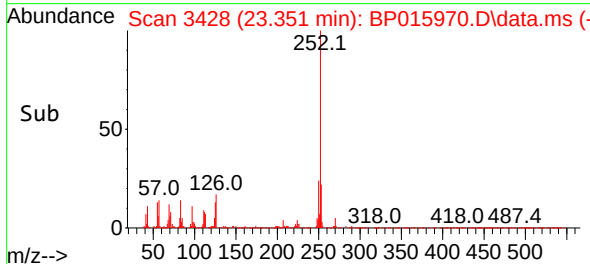
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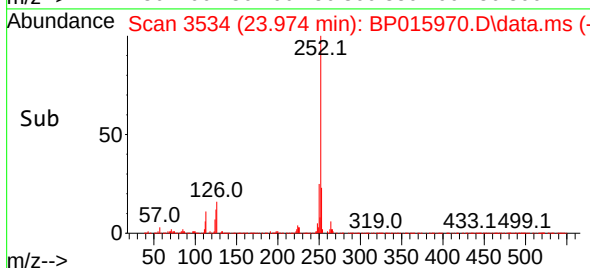
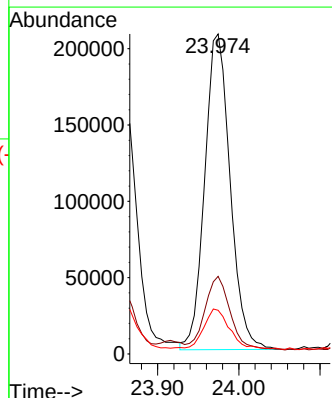
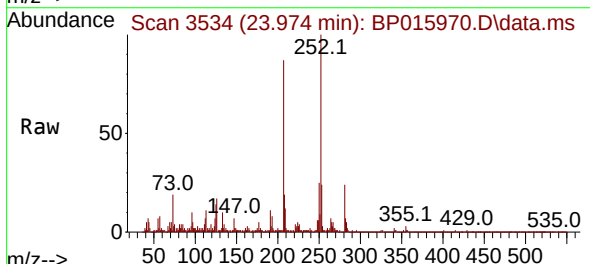
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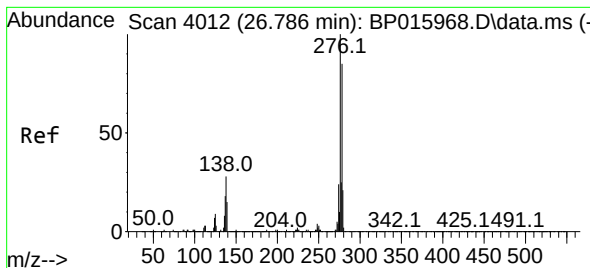
07/05/2023



#93
Benzo(a)pyrene
Concen: 7.656 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

Tgt Ion:252 Resp: 450796
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 13.7 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.048 ng/ul

RT: 26.792 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BP015970.D

Acq: 04 Jul 2023 11:44

Instrument :

BNP

ClientSampleId :

DCGK3

Tgt Ion:276 Resp: 32353

Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

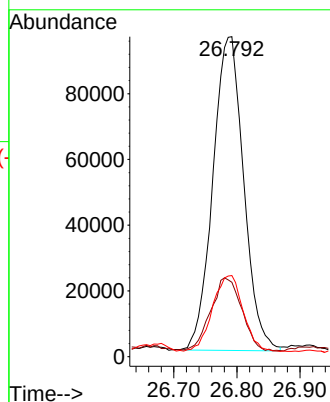
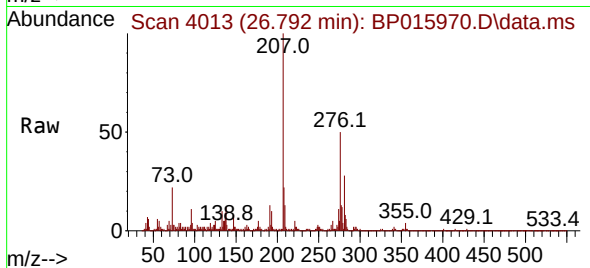
277 25.4 19.6 29.4

Manual Integrations

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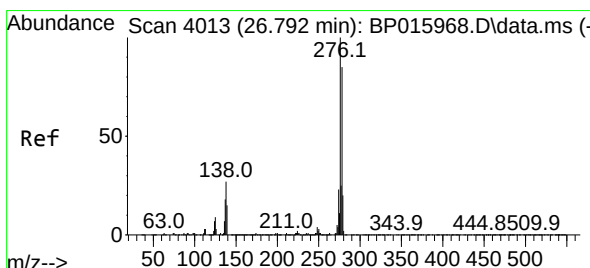
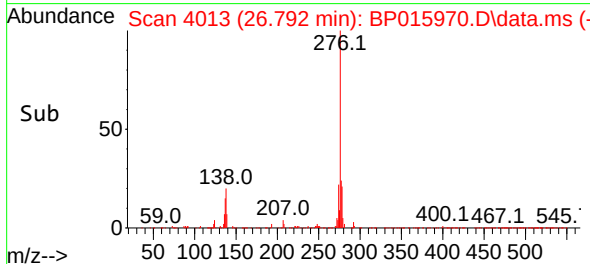
Supervised By :mohammad ahmed 07/05/2023



07/05/2023

Supervised By :mohammad
ahmed

07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.541 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015970.D

Acq: 04 Jul 2023 11:44

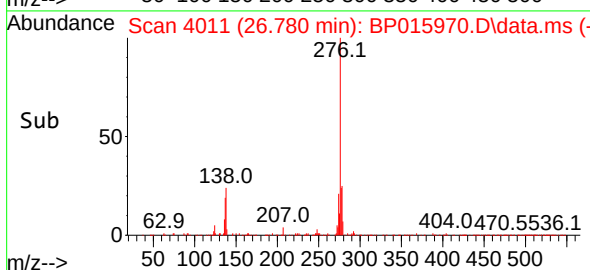
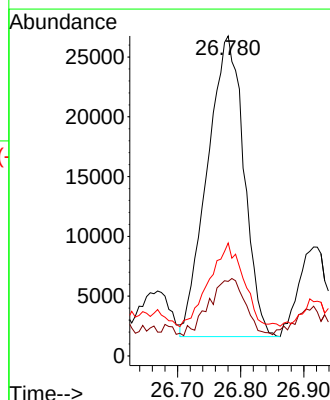
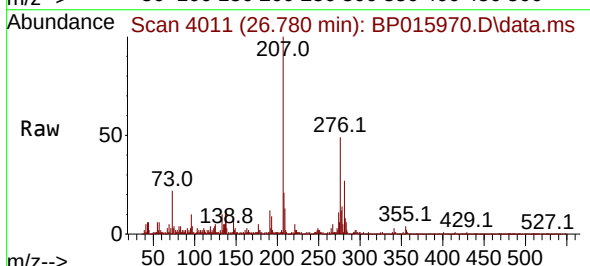
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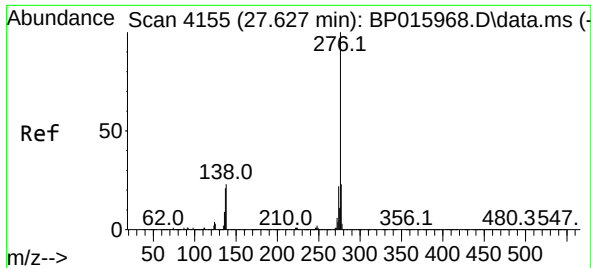
Ion Ratio Lower Upper

278 100

139 23.3 10.5 15.7#

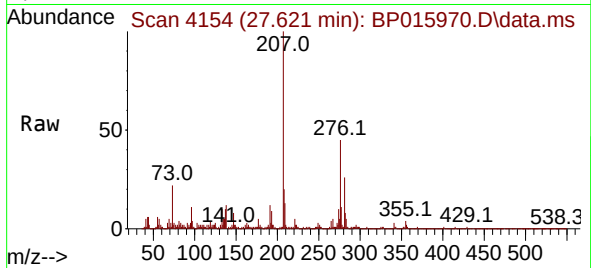
279 35.3 18.4 27.6#





#96
Benzo(g,h,i)perylene
Concen: 5.065 ng/ul
RT: 27.621 min Scan# 4154
Delta R.T. -0.005 min
Lab File: BP015970.D
Acq: 04 Jul 2023 11:44

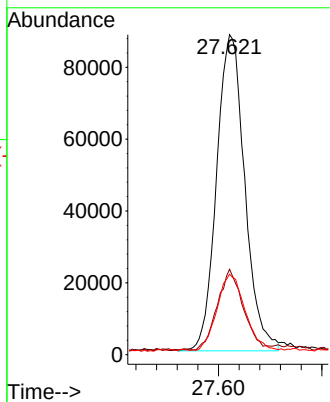
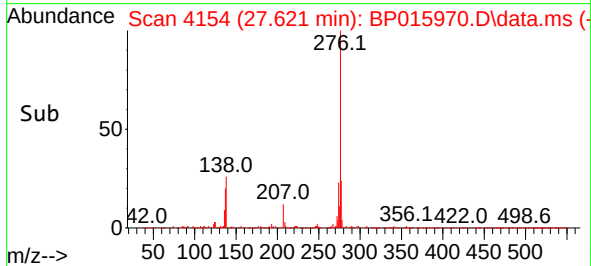
Instrument :
BNA_P
ClientSampleId :
DCGK3



Tgt Ion:276 Resp: 333052
Ion Ratio Lower Upper
276 100
138 26.7 15.1 22.7
277 25.1 18.8 28.2

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ahmed

07/05/2023