

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015960.D
 Acq On : 03 Jul 2023 20:35
 Operator : MA/JU
 Sample : 03353-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGK3

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 00:02:20 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	211450	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	949518	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	560137	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1090163	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	704640	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	814001	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	29132	4.957	ng/uL	0.00
4) Pyridine-d5	3.822	84	241272	16.286	ng/ul	0.00
7) Phenol-d5	7.234	99	505003	27.913	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	386601	34.539	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	442387	32.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	356110	24.916	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	224347	30.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	240680	28.418	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	394413	26.133	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	331681	17.108	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1338630	30.919	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1525250	31.339	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	116139m	20.328	ng/ul	0.05
60) Fluorene-d10	15.698	176	1117848	31.358	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	114376	17.060	ng/ul	0.02
73) Anthracene-d10	17.563	188	1527706	30.679	ng/ul	0.00
81) Pyrene-d10	19.786	212	1522637	33.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1338820	32.605	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	231060	3.901	ng/ul	99
80) Fluoranthene	19.463	202	636457	11.130	ng/ul#	92
82) Pyrene	19.816	202	548167	9.397	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	287875	5.808	ng/ul	97
87) Chrysene	21.586	228	373809	7.949	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	494104	9.447	ng/ul#	94
91) Benzo(k)fluoranthene	23.351	252	177217m	3.354	ng/ul	
93) Benzo(a)pyrene	23.974	252	351698	7.695	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	253539	4.087	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.780	278	77196	1.515	ng/ul#	79
96) Benzo(g,h,i)perylene	27.627	276	256319	5.022	ng/ul#	92

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

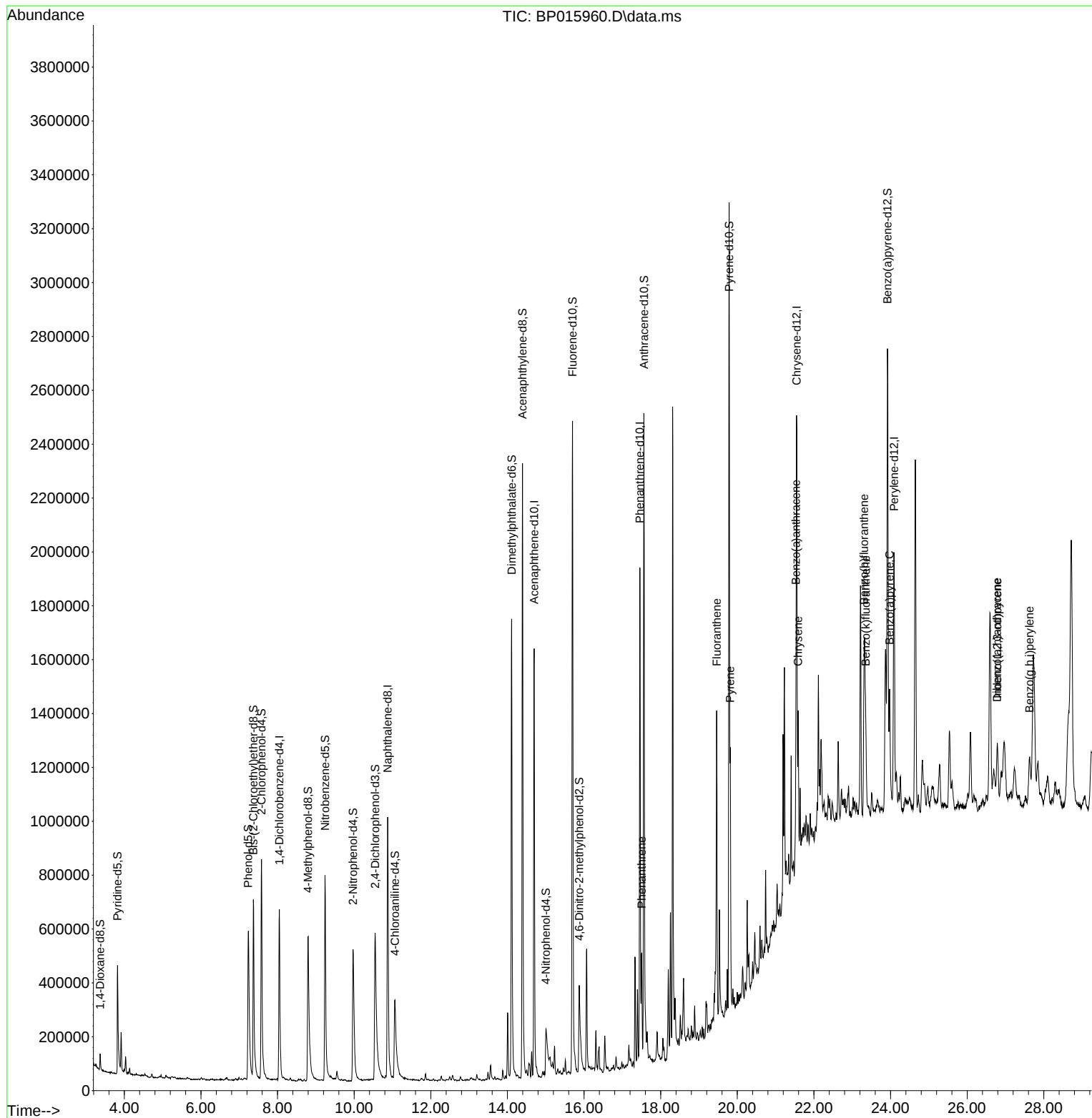
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015960.D
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 Operator : MA/JU
 Sample : 03353-01
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 ALS Vial : 16 Sample Multiplier: 1

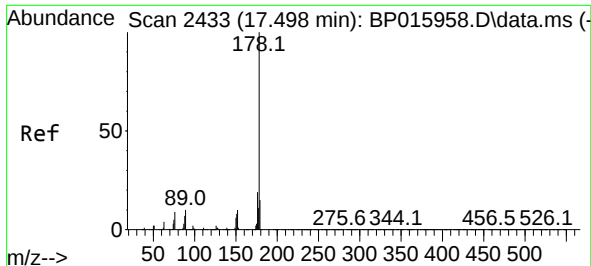
Instrument :
 BNA_P
 ClientSampleId :
 DCGK3

Quant Time: Jul 04 00:02:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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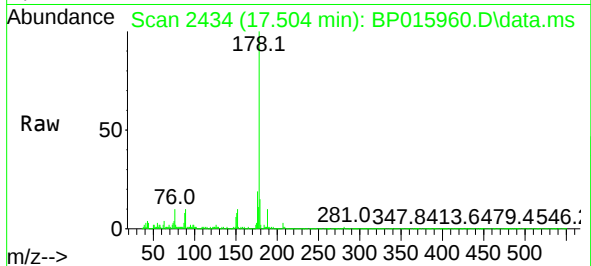
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023





#72
Phenanthrene
Concen: 3.901 ng/ul
RT: 17.504 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP015960.D
Acq: 03 Jul 2023 20:35

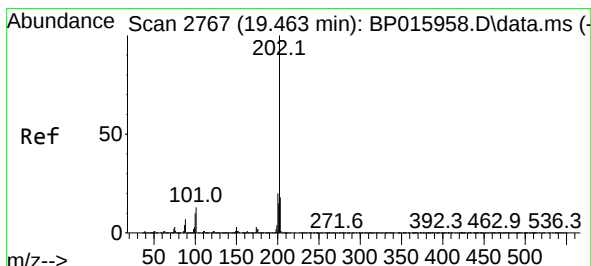
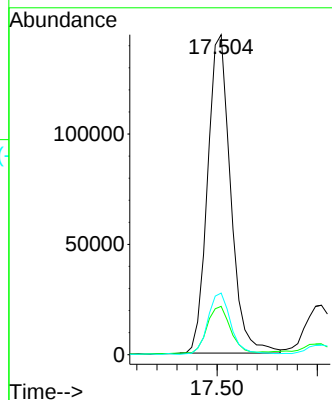
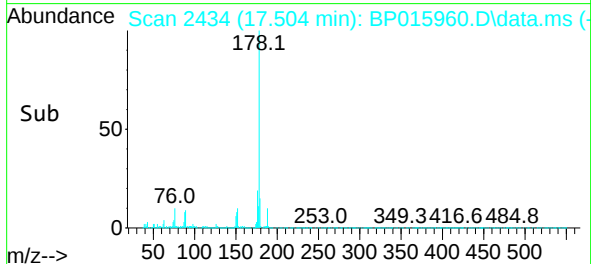
Instrument :
BNA_P
Client SampleId :
DCGK3



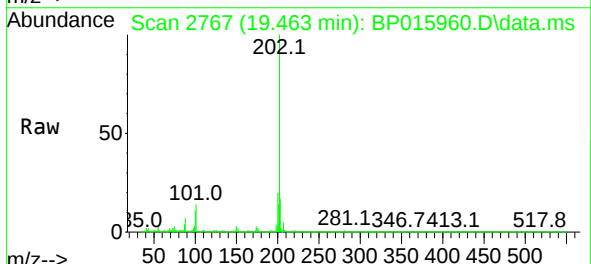
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Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.3 15.6 23.4

Manual Integrations
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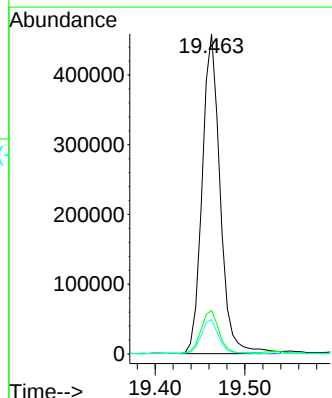
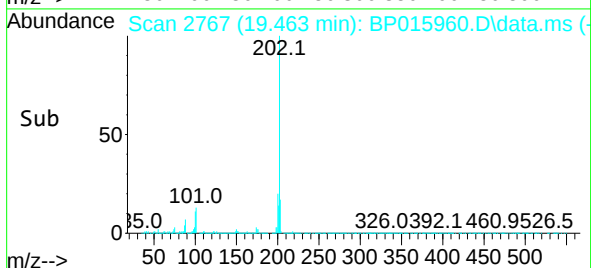
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

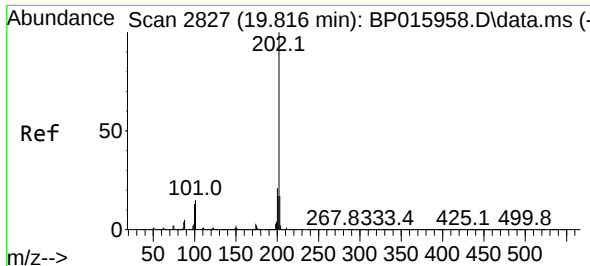


#80
Fluoranthene
Concen: 11.130 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015960.D
Acq: 03 Jul 2023 20:35



Tgt Ion:202 Resp: 636457
Ion Ratio Lower Upper
202 100
101 13.6 8.3 12.5#
100 10.7 6.6 9.8#





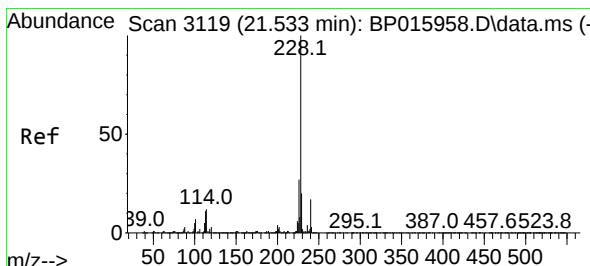
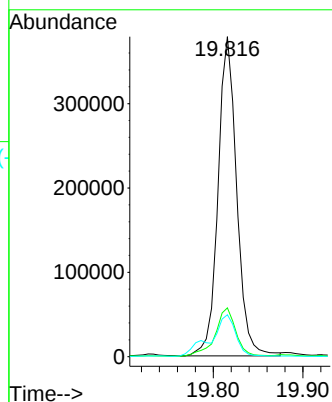
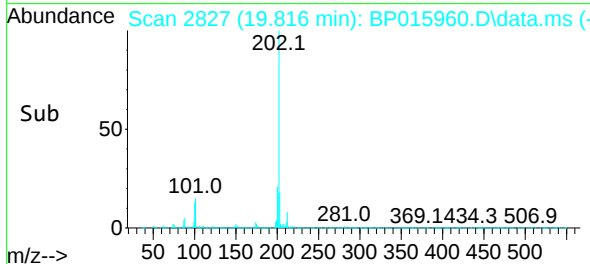
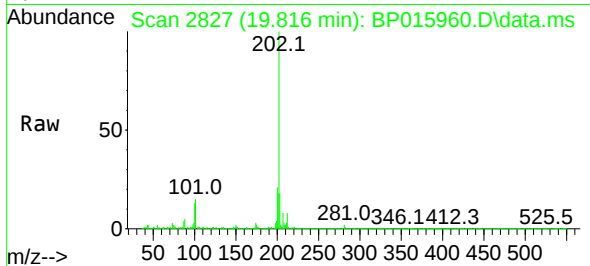
#82
Pyrene
Concen: 9.397 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015960.D
Acq: 03 Jul 2023 20:35

Instrument :
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ClientSampleId :
DCGK3

Tgt Ion:202 Resp: 54816
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9
100 13.1 7.6 11.4

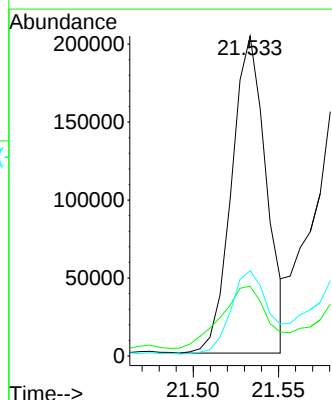
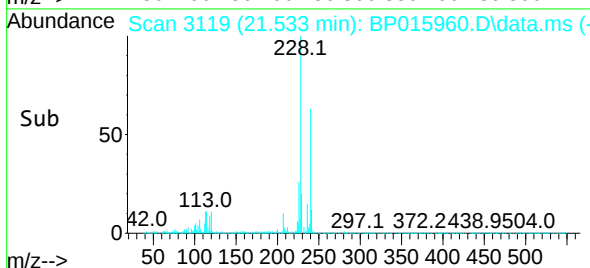
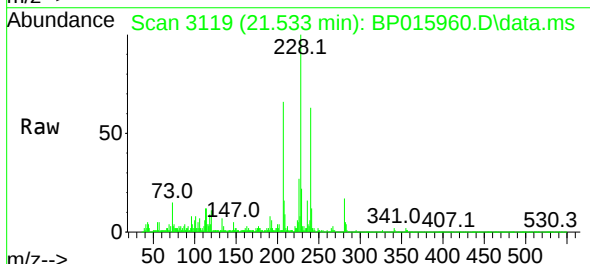
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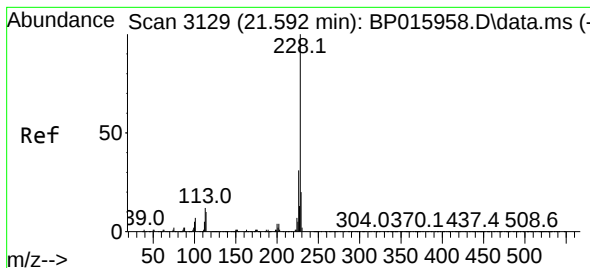
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#85
Benzo(a)anthracene
Concen: 5.808 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP015960.D
Acq: 03 Jul 2023 20:35

Tgt Ion:228 Resp: 287875
Ion Ratio Lower Upper
228 100
229 21.8 15.3 22.9
226 26.7 21.4 32.0





#87

Chrysene

Concen: 7.949 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3

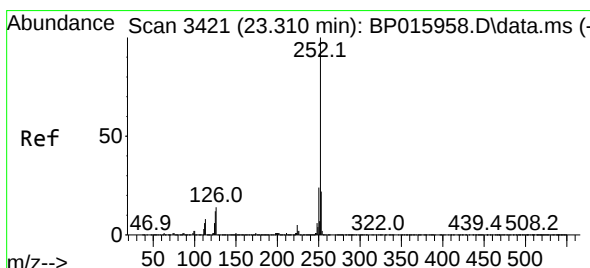
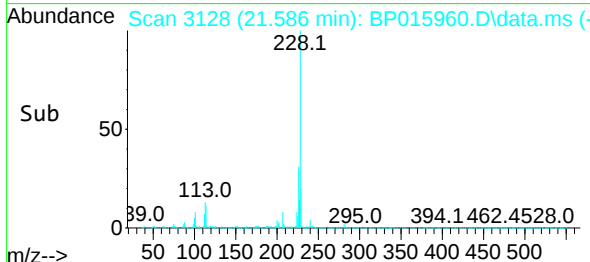
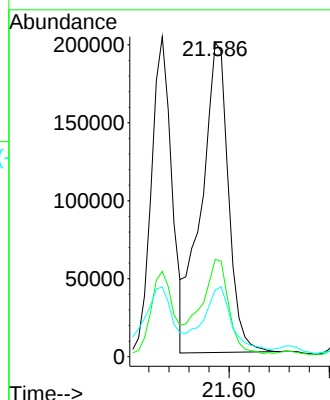
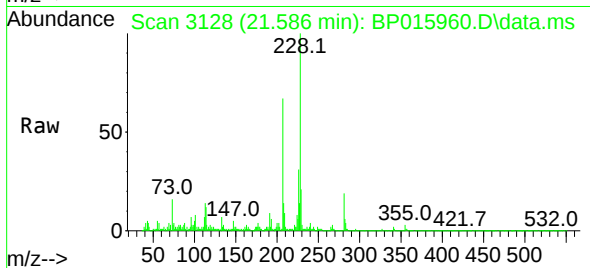
Tgt Ion:228 Resp: 373809
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 21.2 15.5 23.3

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Supervised By :mohammad ahmed 07/04/2023



#90

Benzo(b)fluoranthene

Concen: 9.447 ng/ul

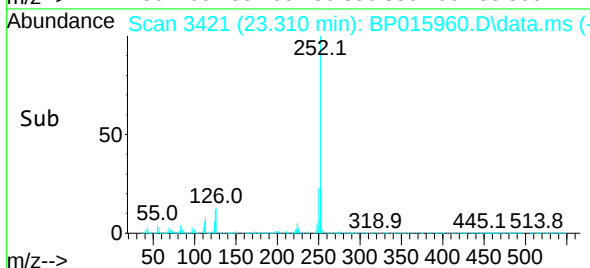
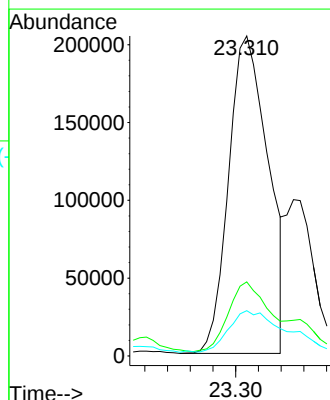
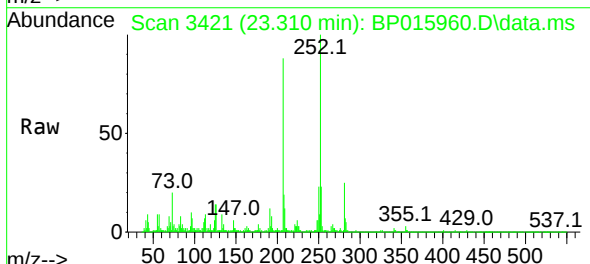
RT: 23.310 min Scan# 3421

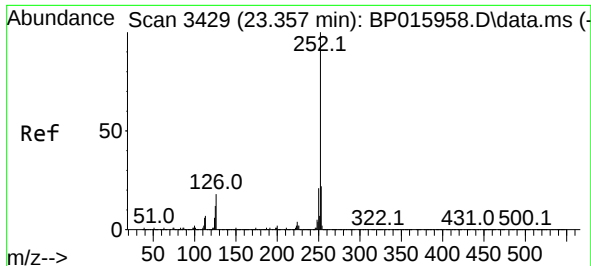
Delta R.T. 0.000 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

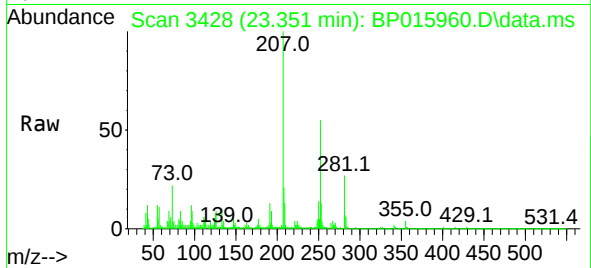
Tgt Ion:252 Resp: 494104
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.3 25.9
 125 14.1 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 3.354 ng/ul m
RT: 23.351 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015960.D
Acq: 03 Jul 2023 20:35

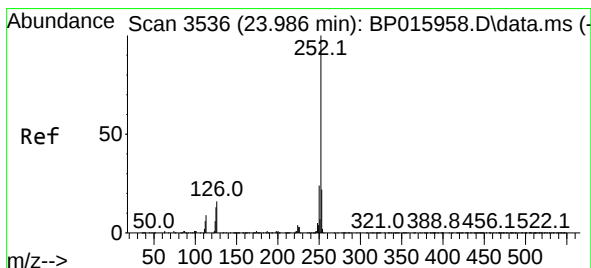
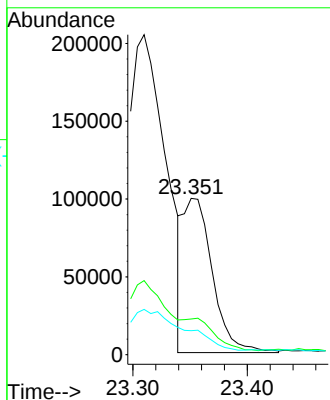
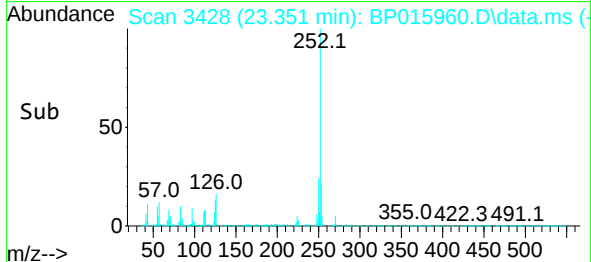
Instrument :
BNA_P
ClientSampleId :
DCGK3



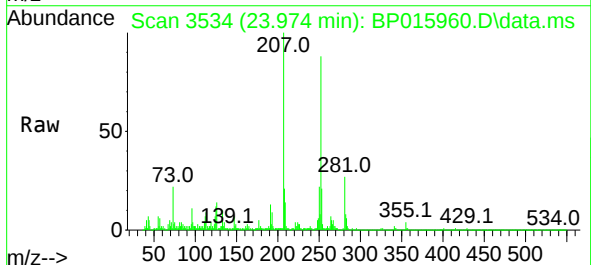
Tgt Ion:252 Resp: 177217
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 15.4 7.3 10.9

Manual Integrations
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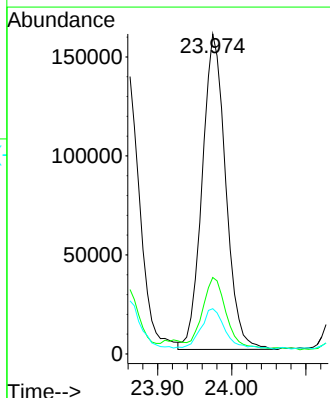
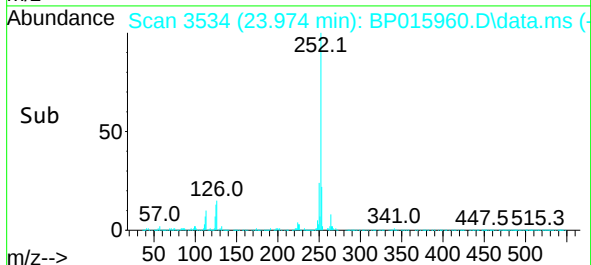
Reviewed By :Sohil Jodhani 07/04/2023
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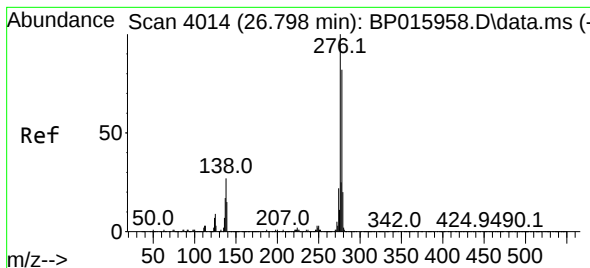


#93
Benzo(a)pyrene
Concen: 7.695 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP015960.D
Acq: 03 Jul 2023 20:35



Tgt Ion:252 Resp: 351698
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 14.1 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.087 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

Instrument :

BNA_P

ClientSampleId :

DCGK3

Tgt Ion:276 Resp: 253539

Ion Ratio Lower Upper

276 100

138 23.5 15.7 23.5

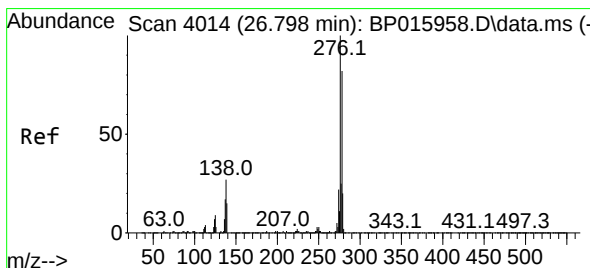
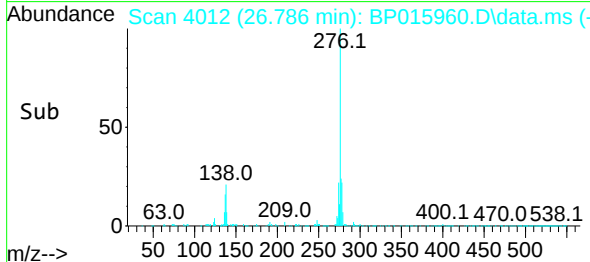
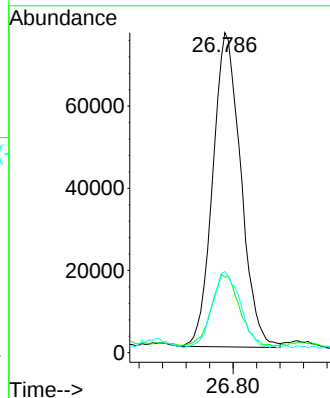
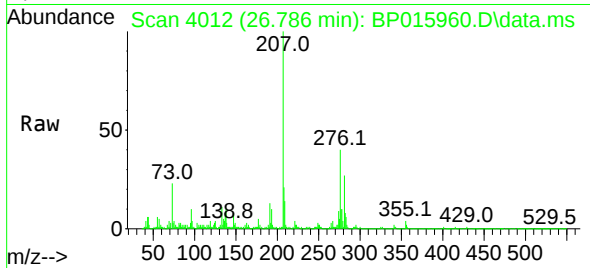
277 25.3 19.6 29.4

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.515 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015960.D

Acq: 03 Jul 2023 20:35

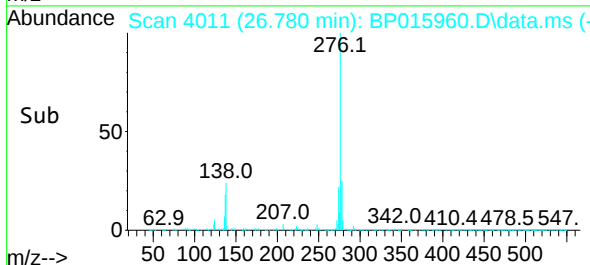
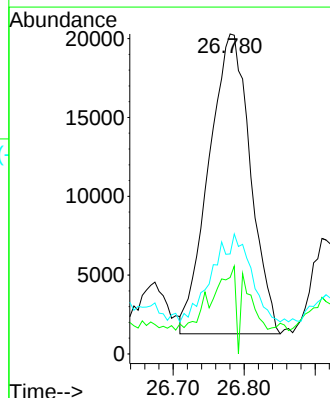
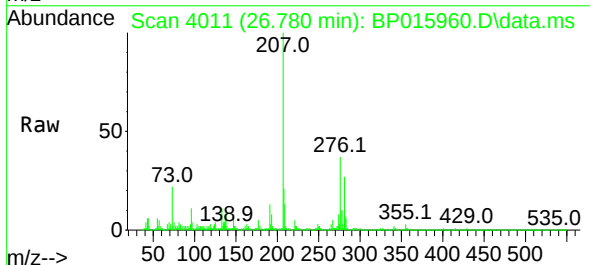
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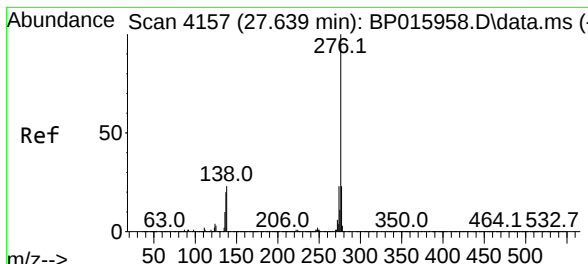
Ion Ratio Lower Upper

278 100

139 23.9 10.5 15.7#

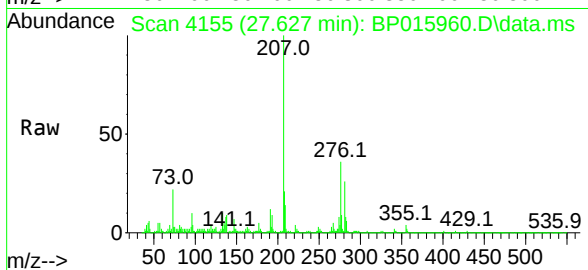
279 31.2 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 5.022 ng/ul
 RT: 27.627 min Scan# 4155
 Delta R.T. 0.000 min
 Lab File: BP015960.D
 Acq: 03 Jul 2023 20:35

Instrument :
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Tgt Ion: 276 Resp: 256319
 Ion Ratio Lower Upper
 276 100
 138 26.0 15.1 22.7
 277 24.8 18.8 28.2

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