

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015949.D
 Acq On : 03 Jul 2023 13:56
 Operator : MA/JU
 Sample : 03243-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD9

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:19:30 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	162312	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	657670	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	373426	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	777749	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	688653	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	813872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	17439	3.866	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.252	99	270803	19.500	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.375	67	199271	23.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	231126	22.047	ng/ul	0.01
15) 4-Methylphenol-d8	8.811	113	198388	18.083	ng/ul	0.03
21) Nitrobenzene-d5	9.252	128	107683	21.425	ng/ul	0.02
24) 2-Nitrophenol-d4	9.993	143	113856m	19.409	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.581	165	185671m	17.762	ng/ul	0.07
31) 4-Chloroaniline-d4	11.093	131	168677m	12.561	ng/ul	0.07
46) Dimethylphthalate-d6	14.116	166	608912	21.097	ng/ul	0.01
49) Acenaphthylene-d8	14.398	160	708276	21.829	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	62271m	16.349	ng/ul	0.10
60) Fluorene-d10	15.704	176	525460	22.110	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.898	200	49044	10.254	ng/ul	0.04
73) Anthracene-d10	17.569	188	789651	22.227	ng/ul	0.01
81) Pyrene-d10	19.792	212	951456	21.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	952166	23.192	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	62532	1.749	ng/ul	96
74) Anthracene	17.616	178	81680	1.924	ng/ul	96
80) Fluoranthene	19.469	202	341122	6.104	ng/ul#	95
82) Pyrene	19.822	202	408187	7.160	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	301756	6.229	ng/ul	96
87) Chrysene	21.592	228	358181	7.793	ng/ul	99
90) Benzo(b)fluoranthene	23.316	252	665259	12.721	ng/ul#	96
91) Benzo(k)fluoranthene	23.357	252	212396	4.020	ng/ul#	93
93) Benzo(a)pyrene	23.980	252	274472	6.007	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.804	276	242456	3.909	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.792	278	68007	1.335	ng/ul#	78
96) Benzo(g,h,i)perylene	27.645	276	202842	3.975	ng/ul#	92

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

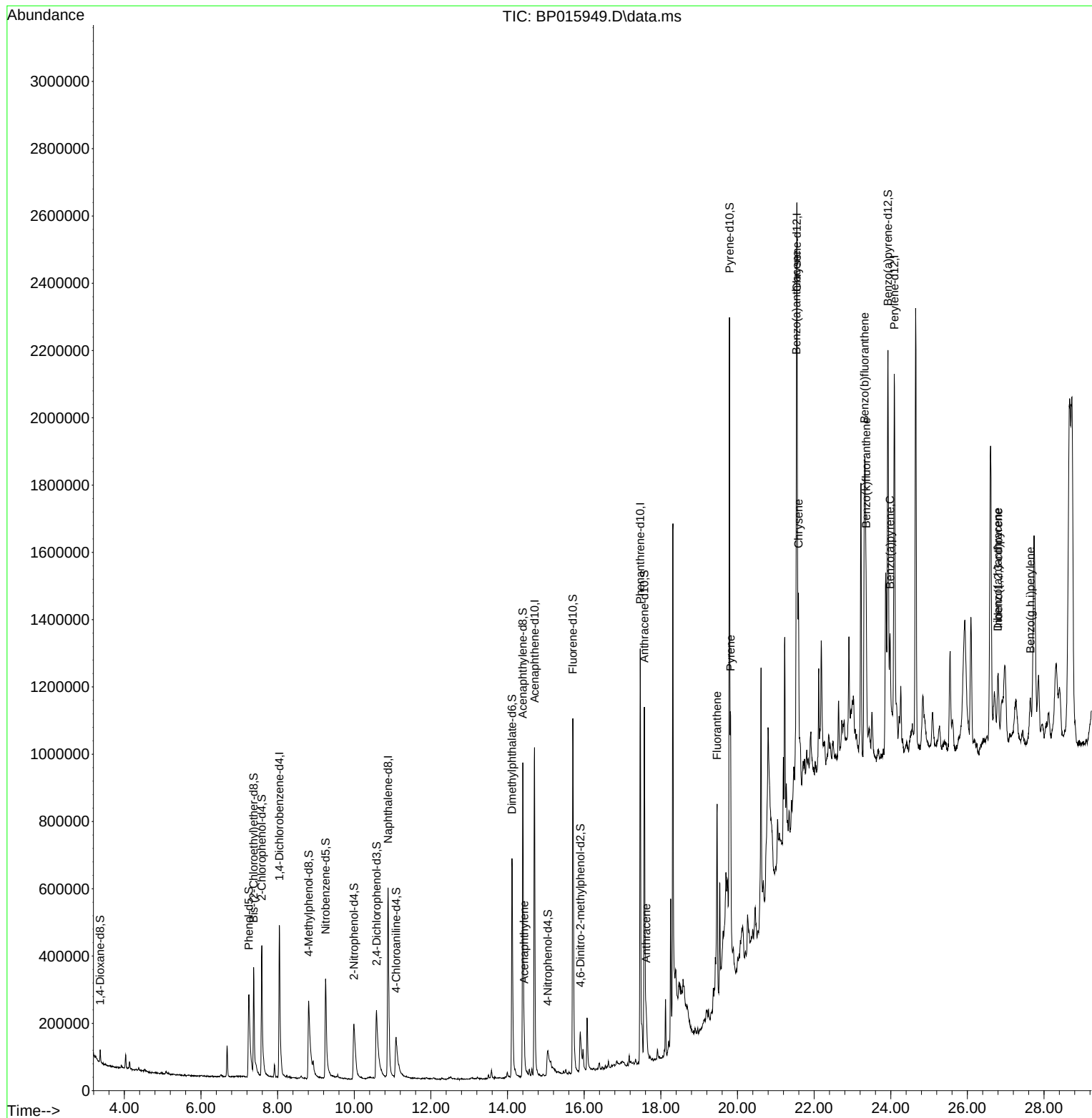
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015949.D
Acq On : 03 Jul 2023 13:56
Operator : MA/JU
Sample : 03243-19
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ALS Vial : 29 Sample Multiplier: 1

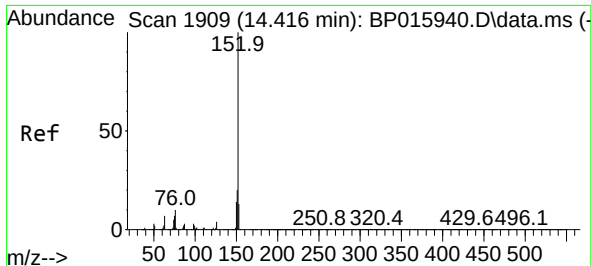
Instrument :
BNA_P
ClientSampleId :
DCGD9

Quant Time: Jul 03 23:19:30 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

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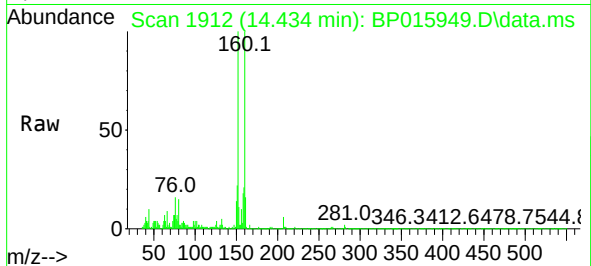
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023





#50
Acenaphthylene
Concen: 1.749 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.012 min
Lab File: BP015949.D
Acq: 03 Jul 2023 13:56

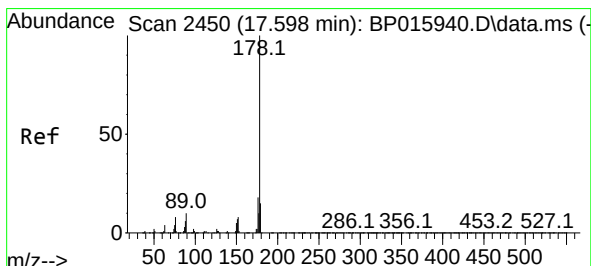
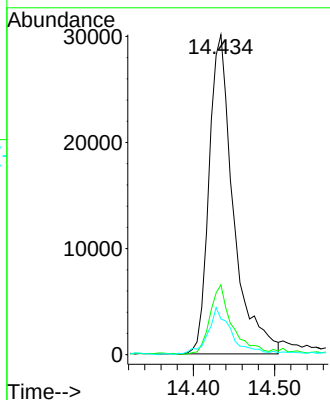
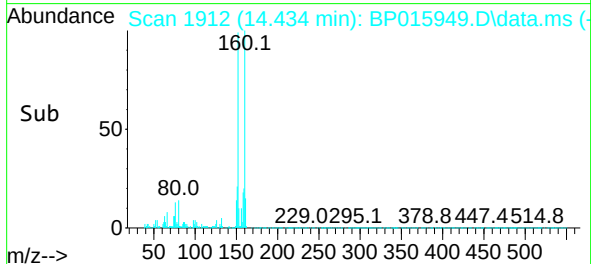
Instrument :
BNA_P
ClientSampleId :
DCGD9



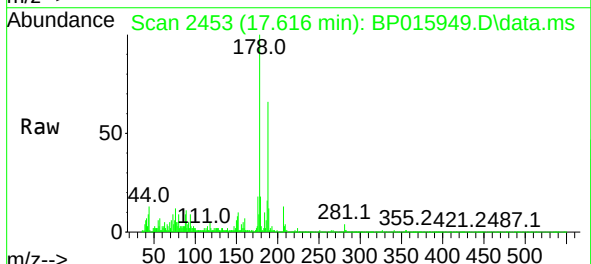
Tgt Ion:152 Resp: 6253
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 11.1 10.5 15.7

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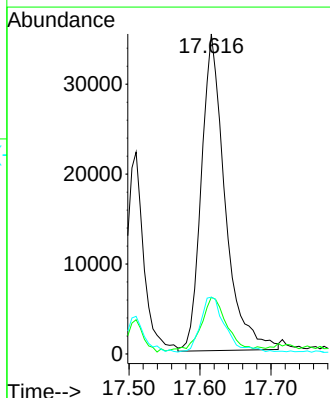
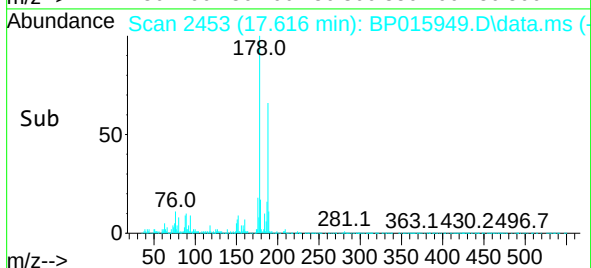
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

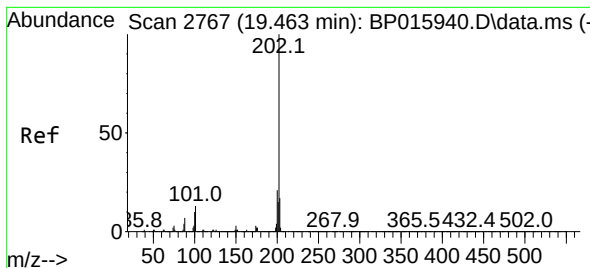


#74
Anthracene
Concen: 1.924 ng/ul
RT: 17.616 min Scan# 2453
Delta R.T. 0.018 min
Lab File: BP015949.D
Acq: 03 Jul 2023 13:56



Tgt Ion:178 Resp: 81680
Ion Ratio Lower Upper
178 100
179 17.7 12.1 18.1
176 17.7 14.6 22.0





#80

Fluoranthene

Concen: 6.104 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015949.D

Acq: 03 Jul 2023 13:56

Instrument :

BNA_P

ClientSampleId :

DCGD9

Tgt Ion:202 Resp: 34112

Ion Ratio Lower Upper

202 100

101 12.9 8.3 12.5

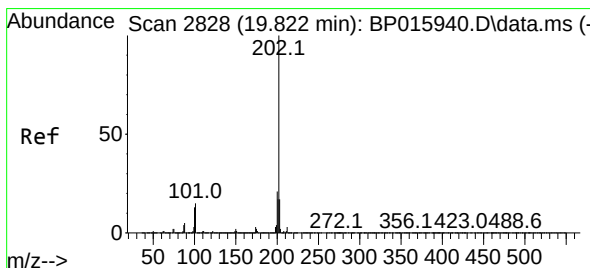
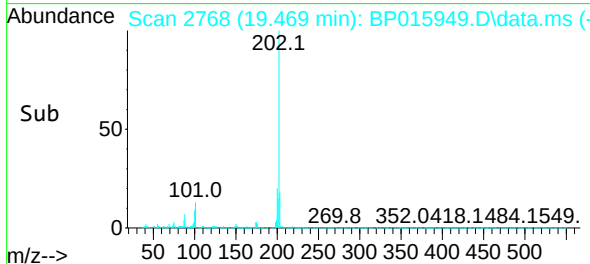
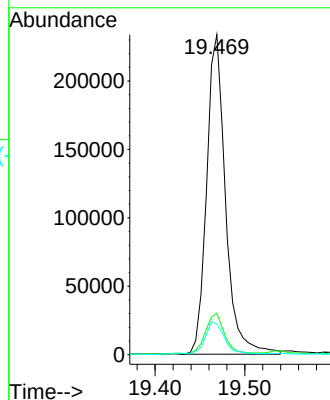
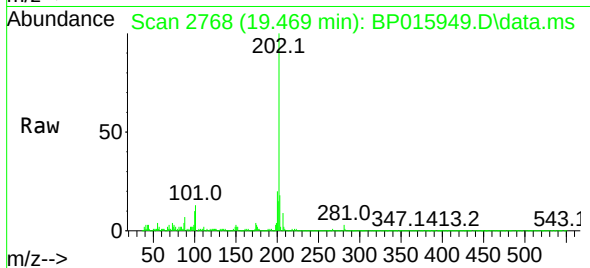
100 9.5 6.6 9.8

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Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#82

Pyrene

Concen: 7.160 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP015949.D

Acq: 03 Jul 2023 13:56

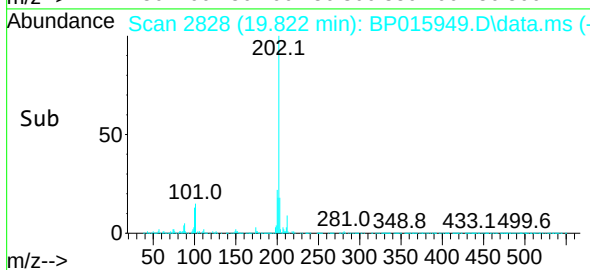
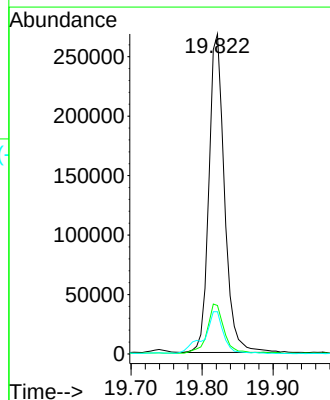
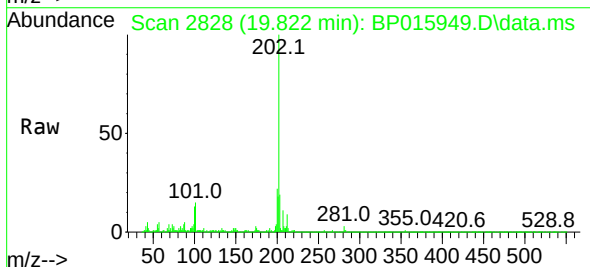
Tgt Ion:202 Resp: 408187

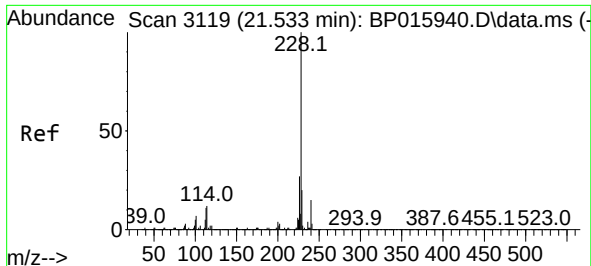
Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 13.2 7.6 11.4#





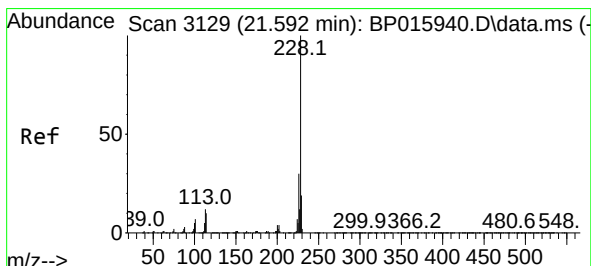
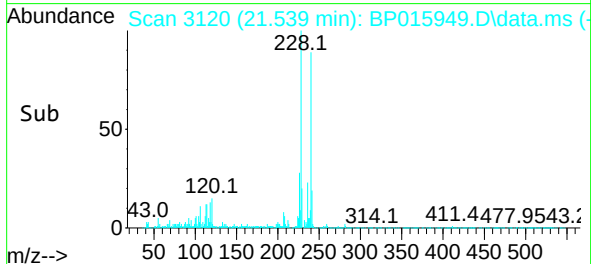
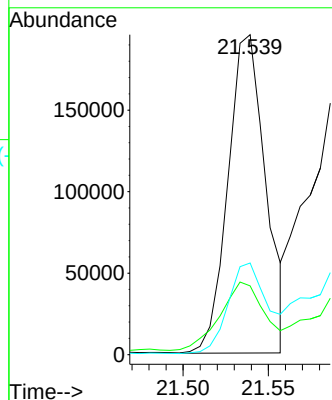
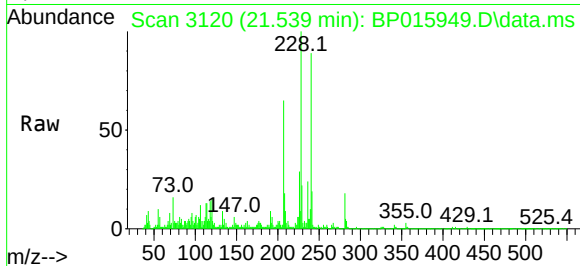
#85
Benzo(a)anthracene
Concen: 6.229 ng/u1
RT: 21.539 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP015949.D
Acq: 03 Jul 2023 13:56

Instrument :
BNA_P
ClientSampleId :
DCGD9

Tgt Ion:228 Resp: 301750
Ion Ratio Lower Upper
228 100
229 21.5 15.3 22.9
226 28.6 21.4 32.0

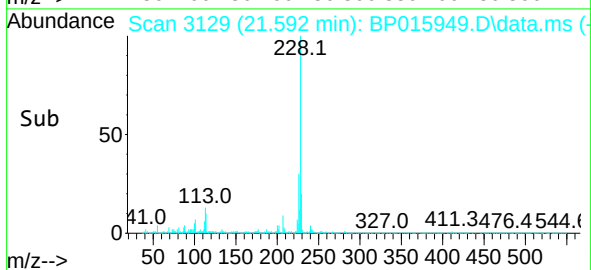
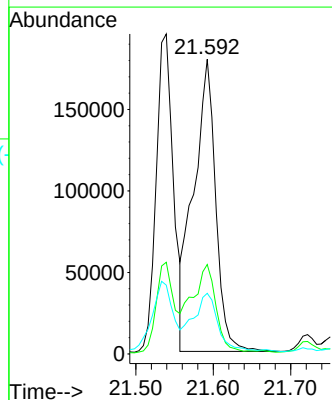
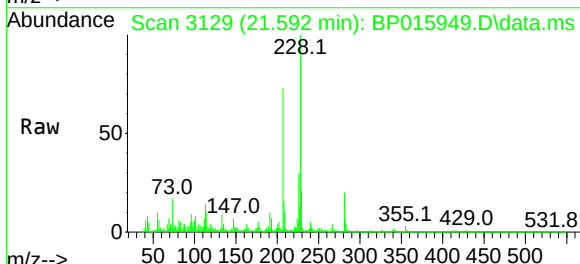
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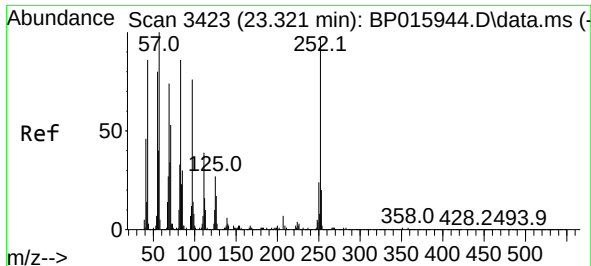
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#87
Chrysene
Concen: 7.793 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015949.D
Acq: 03 Jul 2023 13:56

Tgt Ion:228 Resp: 358181
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.6 15.5 23.3





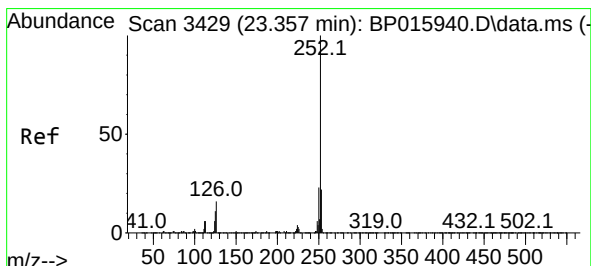
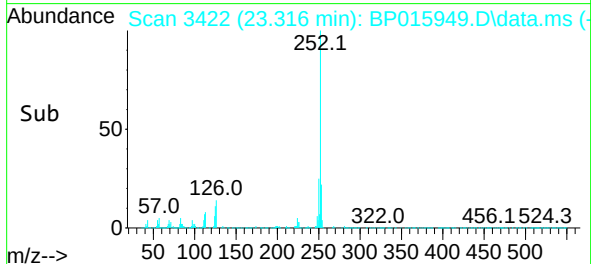
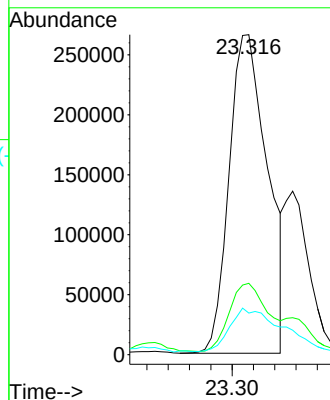
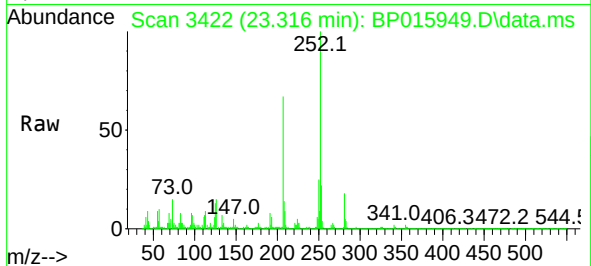
#90
Benzo(b)fluoranthene
Concen: 12.721 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015949.D
Acq: 03 Jul 2023 13:56

Instrument :
BNA_P
ClientSampleId :
DCGD9

Tgt Ion:252 Resp: 665259
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 13.0 7.5 11.3

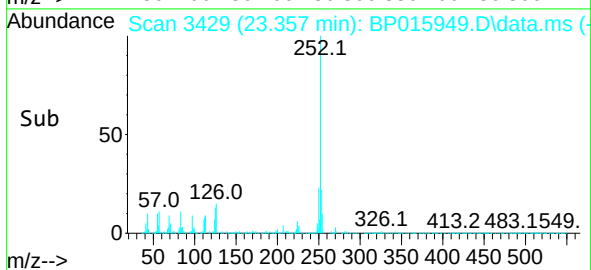
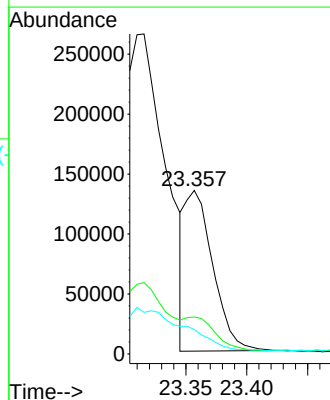
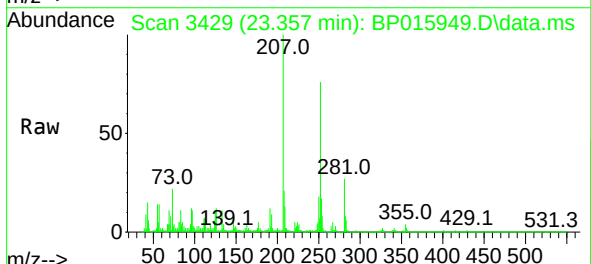
Manual Integrations
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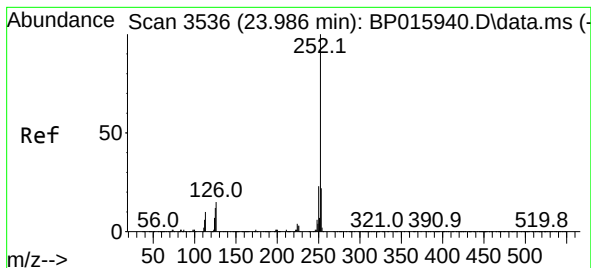
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#91
Benzo(k)fluoranthene
Concen: 4.020 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015949.D
Acq: 03 Jul 2023 13:56

Tgt Ion:252 Resp: 212396
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 15.0 7.3 10.9





#93

Benzo(a)pyrene

Concen: 6.007 ng/ul

RT: 23.980 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015949.D

Acq: 03 Jul 2023 13:56

Instrument :

BNA_P

ClientSampleId :

DCGD9

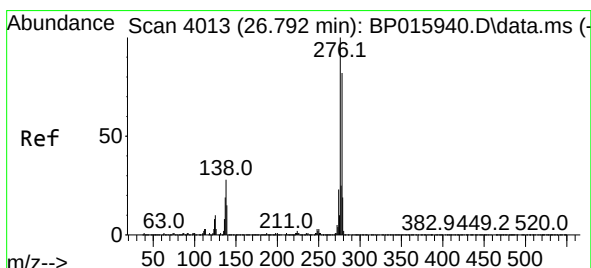
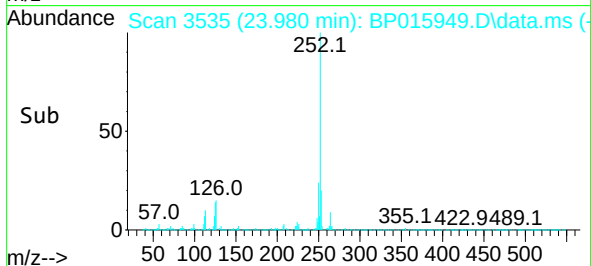
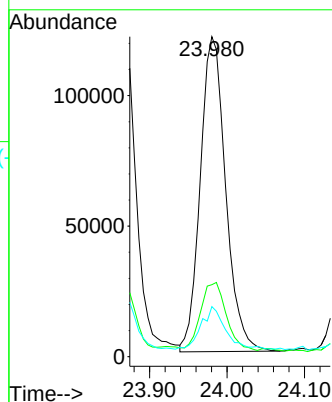
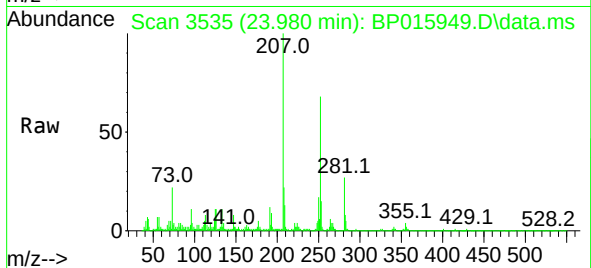
Tgt Ion:	252	Resp:	274472
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	15.6	8.2	12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.909 ng/ul

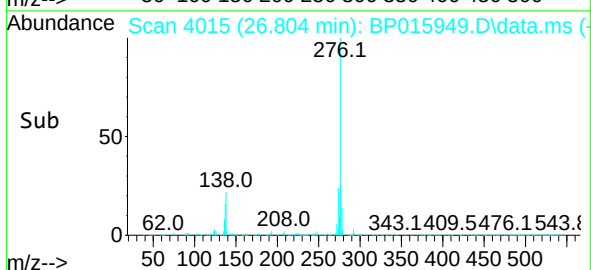
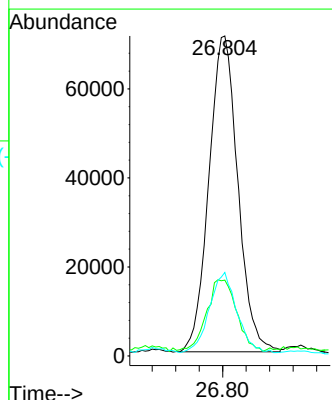
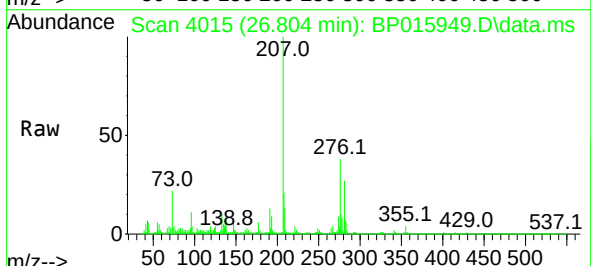
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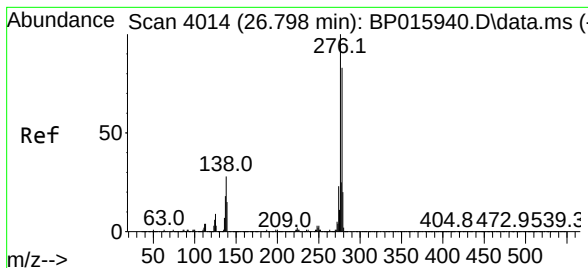
Delta R.T. 0.012 min

Lab File: BP015949.D

Acq: 03 Jul 2023 13:56

Tgt Ion:	276	Resp:	242456
Ion Ratio	Lower	Upper	
276	100		
138	23.7	15.7	23.5
277	26.1	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.335 ng/ul

RT: 26.792 min Scan# 4014

Delta R.T. -0.005 min

Lab File: BP015949.D

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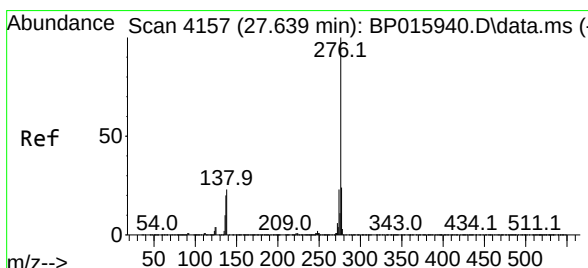
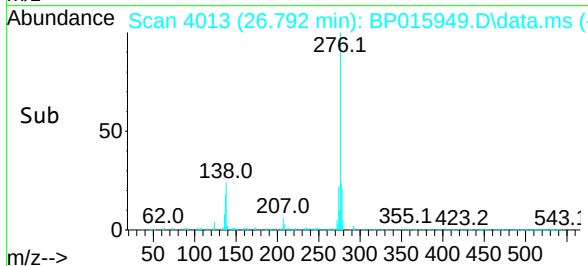
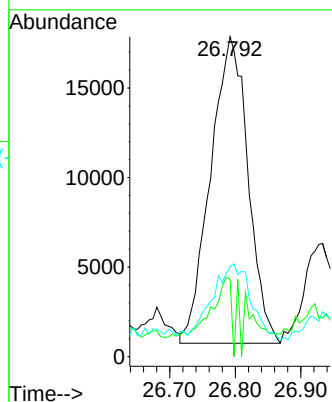
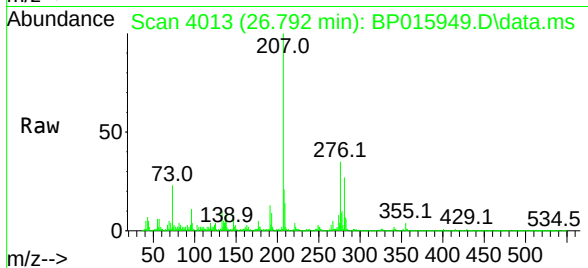
Tgt Ion:	278	Resp:	6800
Ion Ratio	Lower	Upper	
278	100		
139	30.0	10.5	15.7
279	28.2	18.4	27.6

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 3.975 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015949.D

Acq: 03 Jul 2023 13:56

Tgt Ion:	276	Resp:	202842
Ion Ratio	Lower	Upper	
276	100		
138	26.0	15.1	22.7
277	24.3	18.8	28.2

