

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015971.D
 Acq On : 04 Jul 2023 12:18
 Operator : MA/JU
 Sample : 03353-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGK4

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 22:15:48 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	8.040	152	276812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1232475	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	724110	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1384999	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	911519	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	1046196	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	34077	4.429	ng/uL	0.00
4) Pyridine-d5	3.817	84	367980	18.973	ng/u1	0.00
7) Phenol-d5	7.234	99	677194	28.592	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	473984	32.347	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	552642	30.911	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	477631	25.528	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	280548	29.785	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	306992	27.926	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	505549	25.807	ng/u1	0.02
31) 4-Chloroaniline-d4	11.051	131	419524	16.671	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	1694137	30.270	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1888249	30.012	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	154248	20.884	ng/u1	0.05
60) Fluorene-d10	15.692	176	1372032	29.772	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	145566	17.090	ng/u1	0.01
73) Anthracene-d10	17.557	188	1811882	28.640	ng/u1	0.00
81) Pyrene-d10	19.780	212	1909473	32.081	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.915	264	1640752	31.090	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.498	178	600545	7.982	ng/u1	99
74) Anthracene	17.598	178	94384m	1.248	ng/u1	
80) Fluoranthene	19.457	202	1622159	21.929	ng/u1#	94
82) Pyrene	19.810	202	1215348	16.107	ng/u1#	90
85) Benzo(a)anthracene	21.527	228	586421	9.146	ng/u1	96
87) Chrysene	21.580	228	750665	12.339	ng/u1	99
90) Benzo(b)fluoranthene	23.304	252	1045821	15.558	ng/u1#	95
91) Benzo(k)fluoranthene	23.351	252	379908m	5.594	ng/u1	
93) Benzo(a)pyrene	23.968	252	634102	10.795	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.780	276	508724	6.380	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.780	278	141103	2.154	ng/u1#	77
96) Benzo(g,h,i)perylene	27.621	276	418964	6.387	ng/u1#	93

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

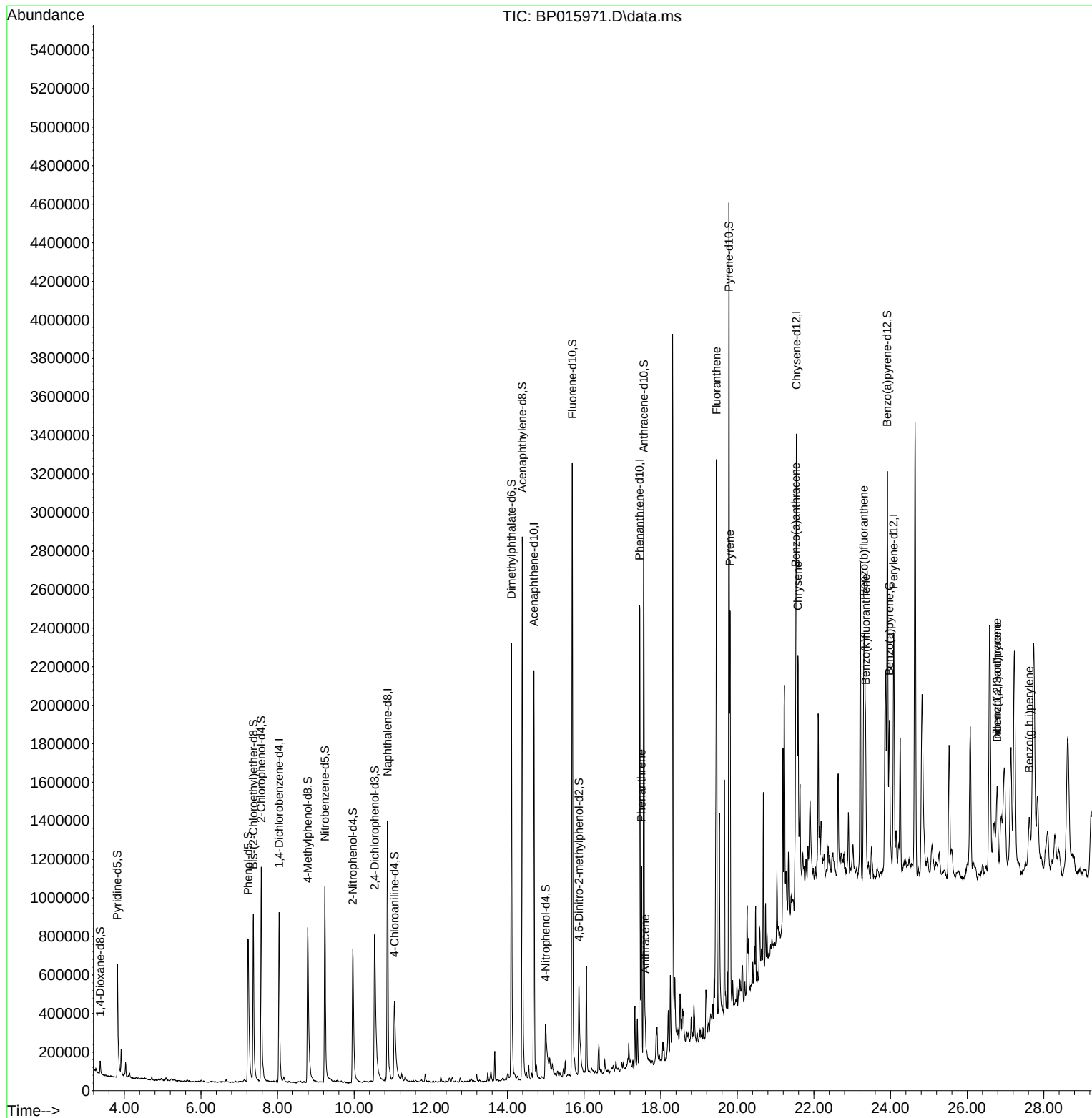
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015971.D
Acq On : 04 Jul 2023 12:18
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

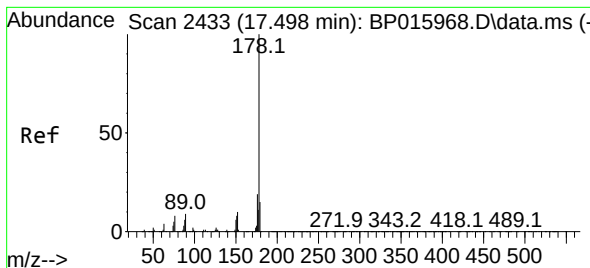
Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Time: Jul 04 22:15:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 07/05/2023





#72

Phenanthrene

Concen: 7.982 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015971.D

Acq: 04 Jul 2023 12:18

Instrument :

BNP_P

ClientSampleId :

DCGK4

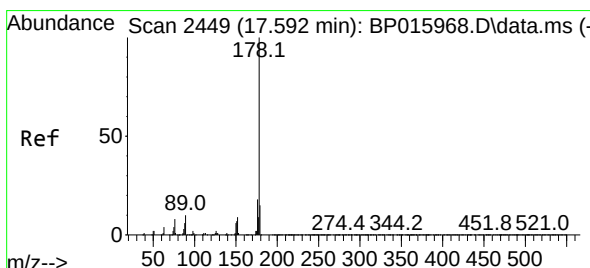
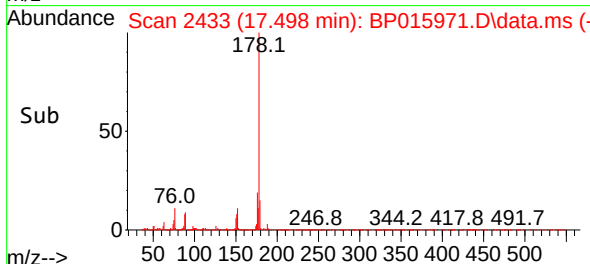
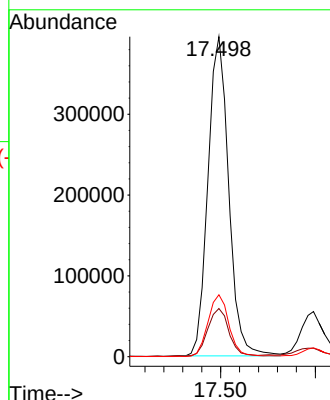
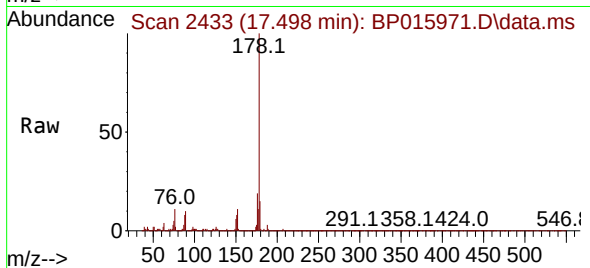
Tgt Ion:178	Resp: 60054
Ion Ratio	Lower Upper
178	100
179	15.1 12.4 18.6
176	19.4 15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#74

Anthracene

Concen: 1.248 ng/ul m

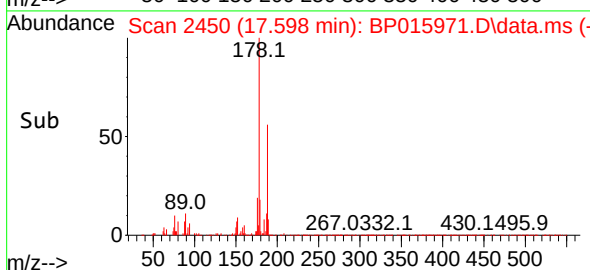
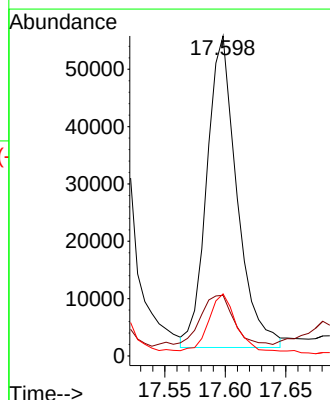
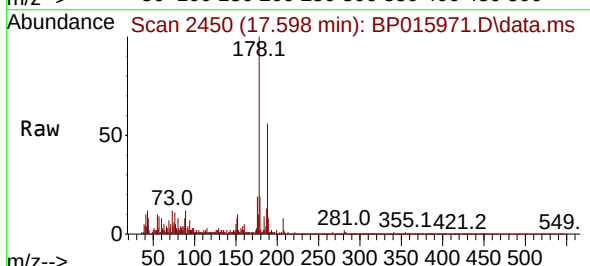
RT: 17.598 min Scan# 2450

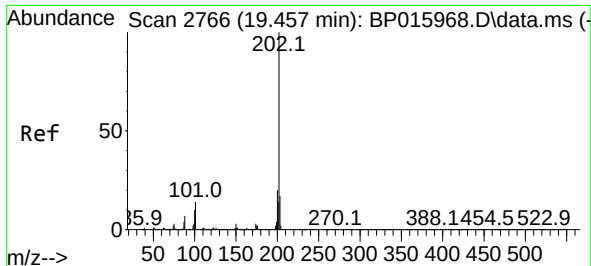
Delta R.T. 0.000 min

Lab File: BP015971.D

Acq: 04 Jul 2023 12:18

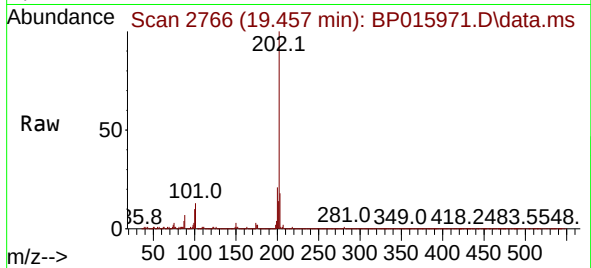
Tgt Ion:178	Resp: 94384
Ion Ratio	Lower Upper
178	100
179	19.0 12.1 18.1#
176	19.4 14.6 22.0





#80
Fluoranthene
Concen: 21.929 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

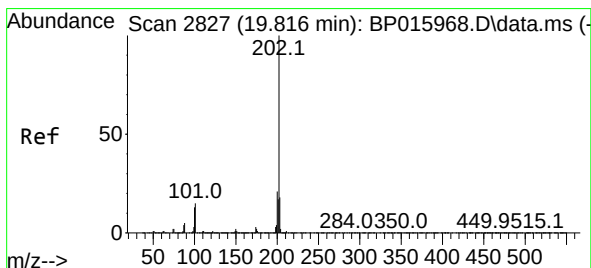
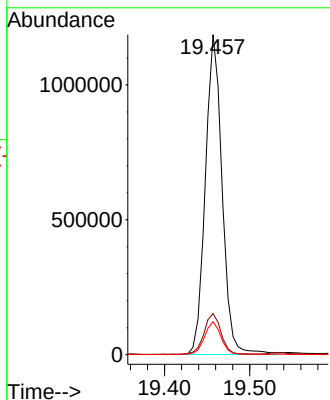
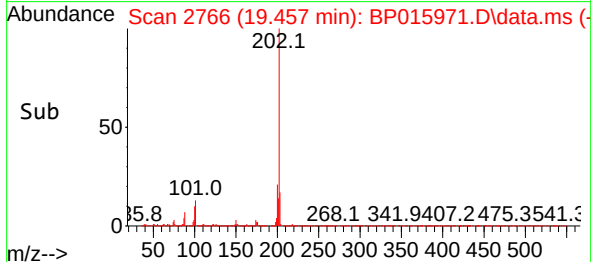
Instrument :
BNA_P
ClientSampleId :
DCGK4



Tgt Ion:202 Resp: 1622159
Ion Ratio Lower Upper
202 100
101 12.8 8.3 12.5#
100 10.3 6.6 9.8#

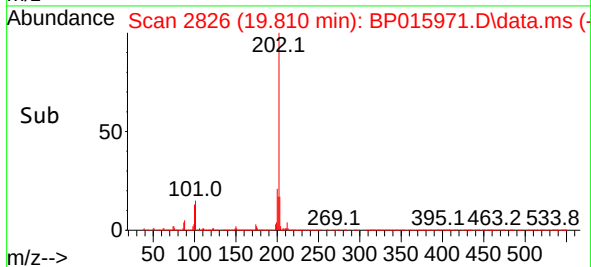
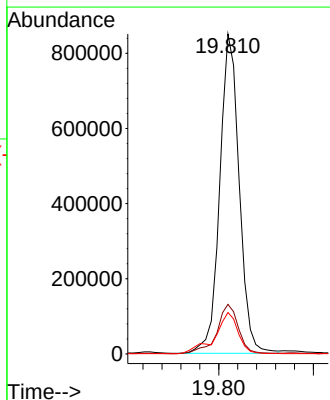
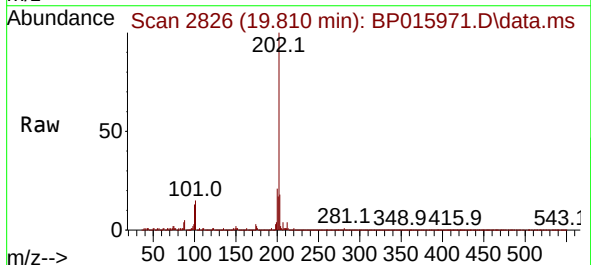
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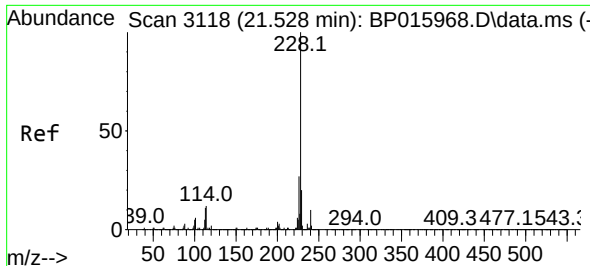
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#82
Pyrene
Concen: 16.107 ng/ul
RT: 19.810 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

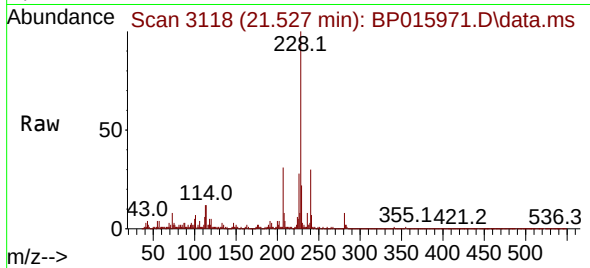
Tgt Ion:202 Resp: 1215348
Ion Ratio Lower Upper
202 100
101 15.5 9.3 13.9#
100 13.0 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 9.146 ng/u1
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

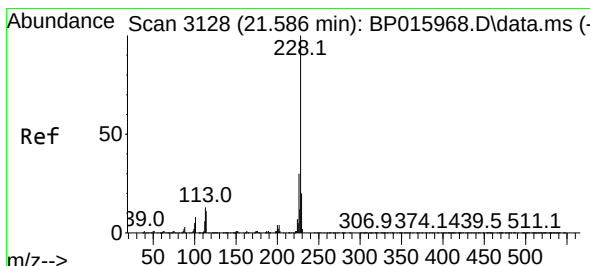
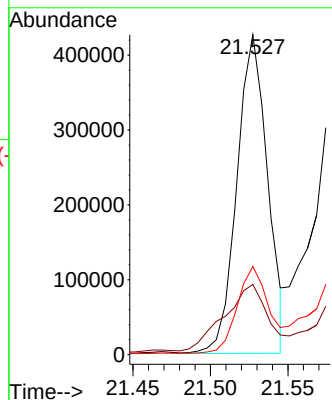
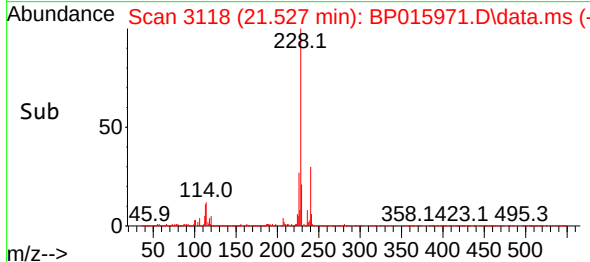
Instrument :
BNA_P
ClientSampleId :
DCGK4



Tgt Ion:228 Resp: 58642
Ion Ratio Lower Upper
228 100
229 21.9 15.3 22.9
226 27.5 21.4 32.0

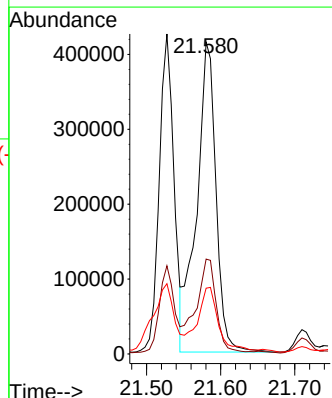
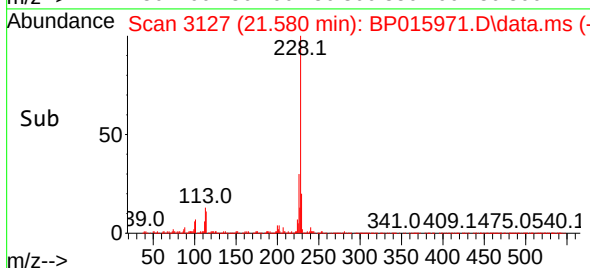
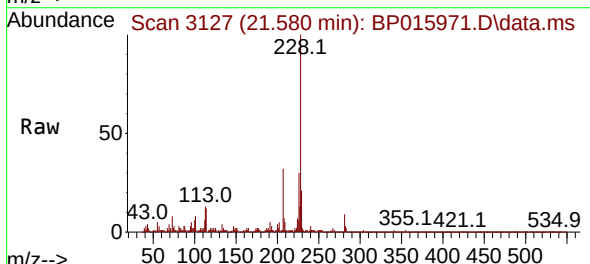
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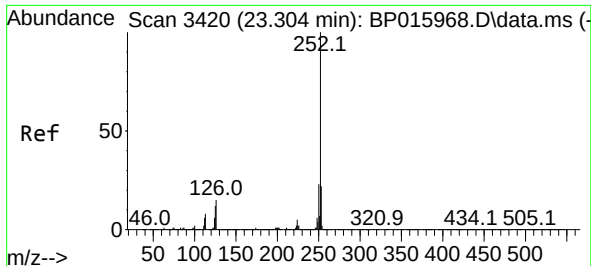
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#87
Chrysene
Concen: 12.339 ng/u1
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

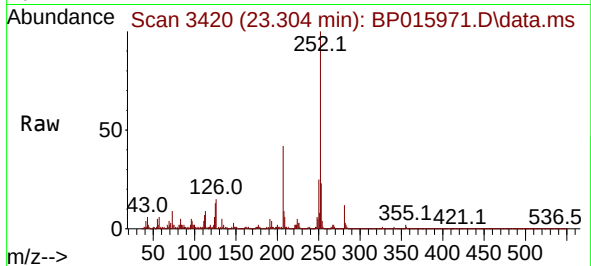
Tgt Ion:228 Resp: 750665
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 15.558 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

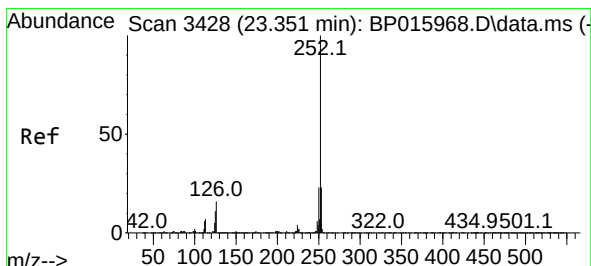
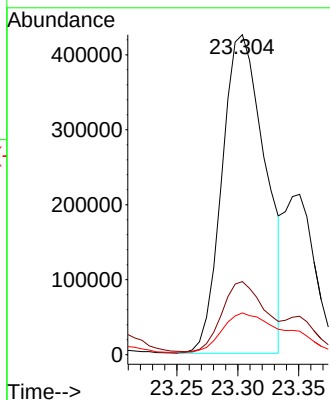
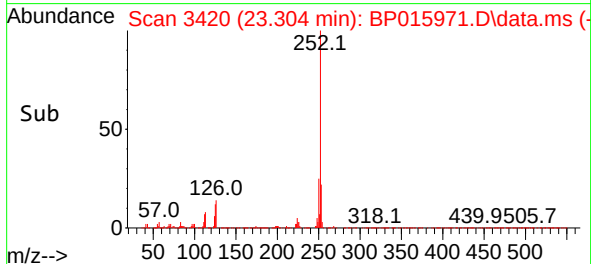
Instrument :
BNA_P
ClientSampleId :
DCGK4



Tgt Ion:252 Resp: 104582
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 13.1 7.5 11.3

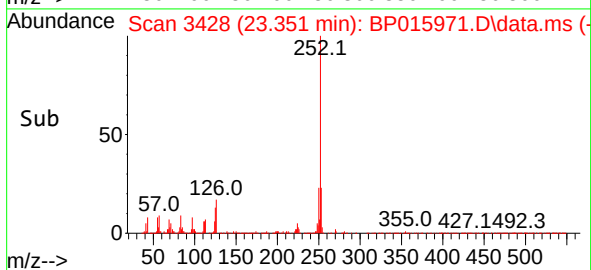
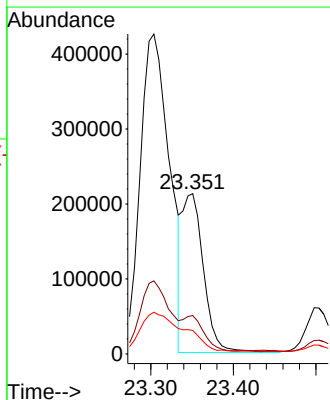
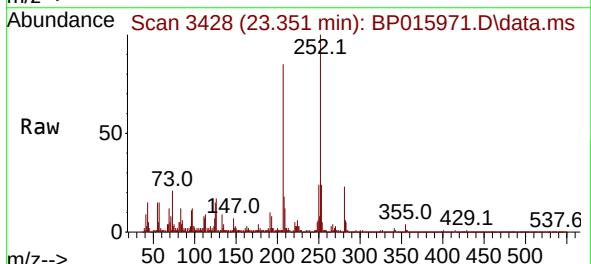
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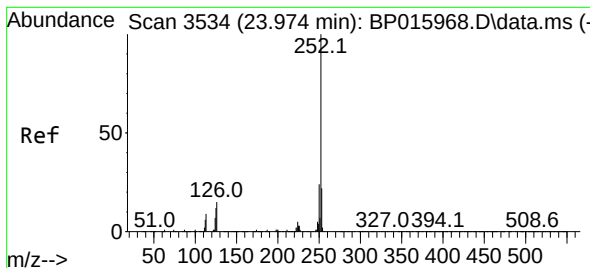
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#91
Benzo(k)fluoranthene
Concen: 5.594 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

Tgt Ion:252 Resp: 379908
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 14.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 10.795 ng/ul

RT: 23.968 min Scan# 3534

Delta R.T. -0.012 min

Lab File: BP015971.D

Acq: 04 Jul 2023 12:18

Instrument :

BNA_P

ClientSampleId :

DCGK4

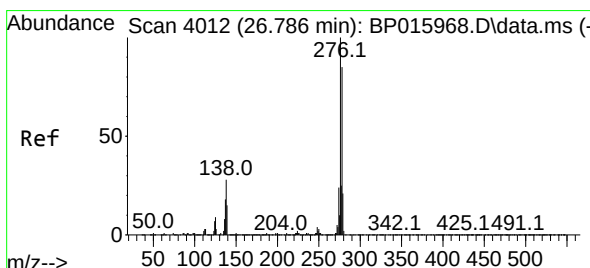
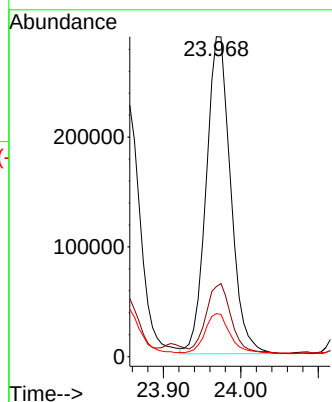
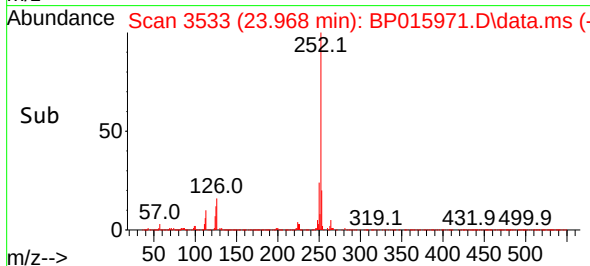
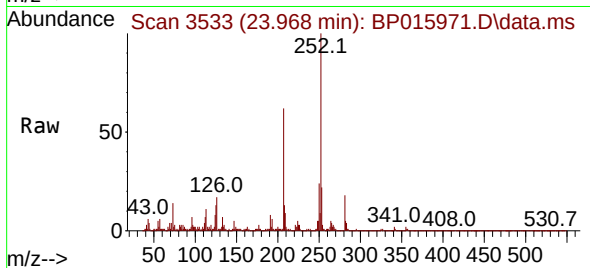
Tgt Ion:	252	Resp:	63410
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	13.4	8.2	12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.380 ng/ul

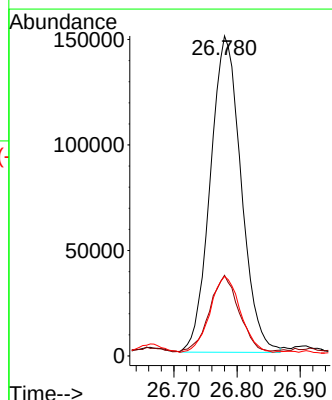
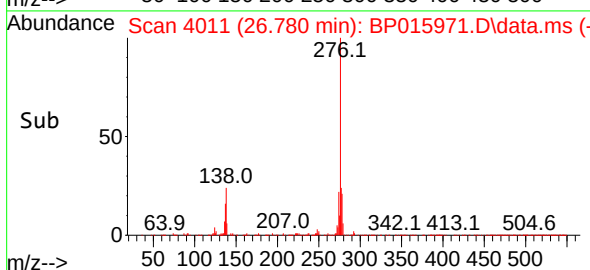
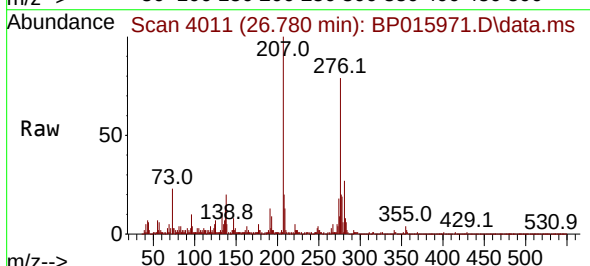
RT: 26.780 min Scan# 4011

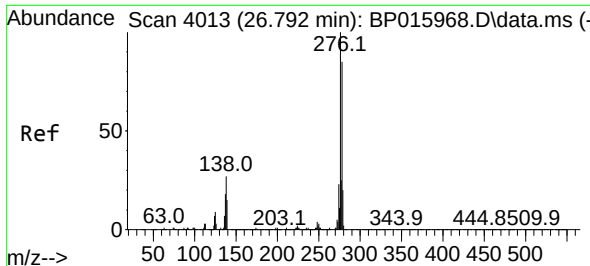
Delta R.T. -0.012 min

Lab File: BP015971.D

Acq: 04 Jul 2023 12:18

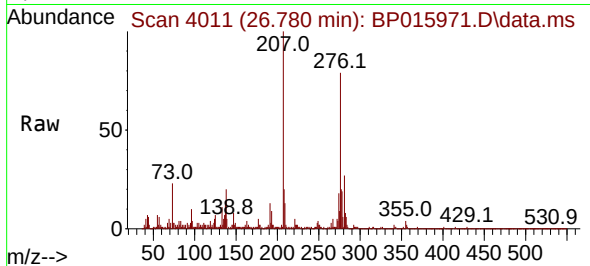
Tgt Ion:	276	Resp:	508724
Ion Ratio	Lower	Upper	
276	100		
138	25.2	15.7	23.5
277	24.9	19.6	29.4





#95
Dibenzo(a,h)anthracene
Concen: 2.154 ng/ul
RT: 26.780 min Scan# 4011
Delta R.T. -0.017 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

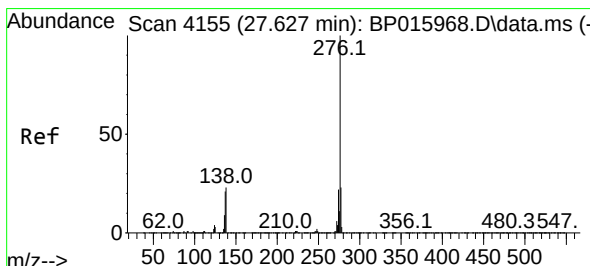
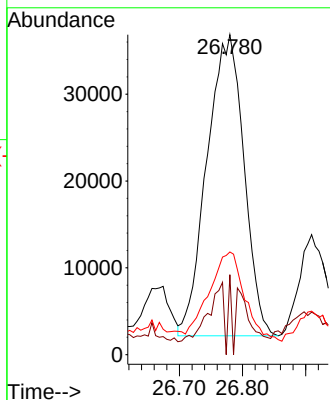
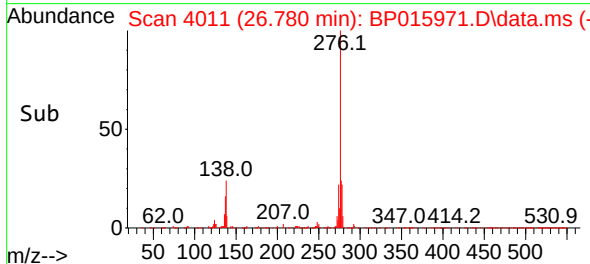
Instrument :
BNA_P
ClientSampleId :
DCGK4



Tgt Ion:278 Resp: 14110
Ion Ratio Lower Upper
278 100
139 25.0 10.5 15.7
279 32.1 18.4 27.6

Manual Integrations
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Supervised By :mohammad ahmed 07/05/2023



#96
Benzo(g,h,i)perylene
Concen: 6.387 ng/ul
RT: 27.621 min Scan# 4154
Delta R.T. -0.006 min
Lab File: BP015971.D
Acq: 04 Jul 2023 12:18

Tgt Ion:276 Resp: 418964
Ion Ratio Lower Upper
276 100
138 24.6 15.1 22.7
277 24.3 18.8 28.2

