

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016390.D
 Acq On : 26 Jul 2023 23:47
 Operator : MA/JU
 Sample : 03534-17DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4733DL

Quant Time: Jul 27 01:37:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	425052	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1942681	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	1200206	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	2571807	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	2216547	20.000	ng/u1	-0.01
88) Perylene-d12	24.186	264	2247435	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4512	0.419	ng/uL	0.00
4) Pyridine-d5	3.858	84	63423	2.074	ng/u1	0.00
7) Phenol-d5	7.222	99	87879	2.471	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	52840	2.474	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	63811	2.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	59883	2.093	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	28579	2.389	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.999	143	20754	2.104	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.528	165	64446	2.357	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	6444	0.151	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	205954	2.345	ng/u1	-0.01
49) Acenaphthylene-d8	14.434	160	229607	2.213	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	16105	1.094	ng/u1	0.00
60) Fluorene-d10	15.728	176	188493	2.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.598	188	276716	2.429	ng/u1	0.00
81) Pyrene-d10	19.822	212	335573	2.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	261714	2.414	ng/u1	-0.03
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.463	152	159902	1.353	ng/u1	98
61) Fluorene	15.781	166	165513	1.953	ng/u1	97
72) Phenanthrene	17.539	178	2595081	19.391	ng/u1	100
74) Anthracene	17.634	178	548273	4.022	ng/u1	99
80) Fluoranthene	19.492	202	2772067	18.374	ng/u1	98
82) Pyrene	19.851	202	2744785	17.610	ng/u1	99
85) Benzo(a)anthracene	21.569	228	1205697	8.031	ng/u1	98
87) Chrysene	21.627	228	1038620m	7.470	ng/u1	
90) Benzo(b)fluoranthene	23.374	252	991215	7.365	ng/u1	98
91) Benzo(k)fluoranthene	23.421	252	346414	2.586	ng/u1	98
93) Benzo(a)pyrene	24.063	252	733121	5.784	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.945	276	356649	2.437	ng/u1	97
96) Benzo(g,h,i)perylene	27.804	276	273107	2.357	ng/u1	94

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

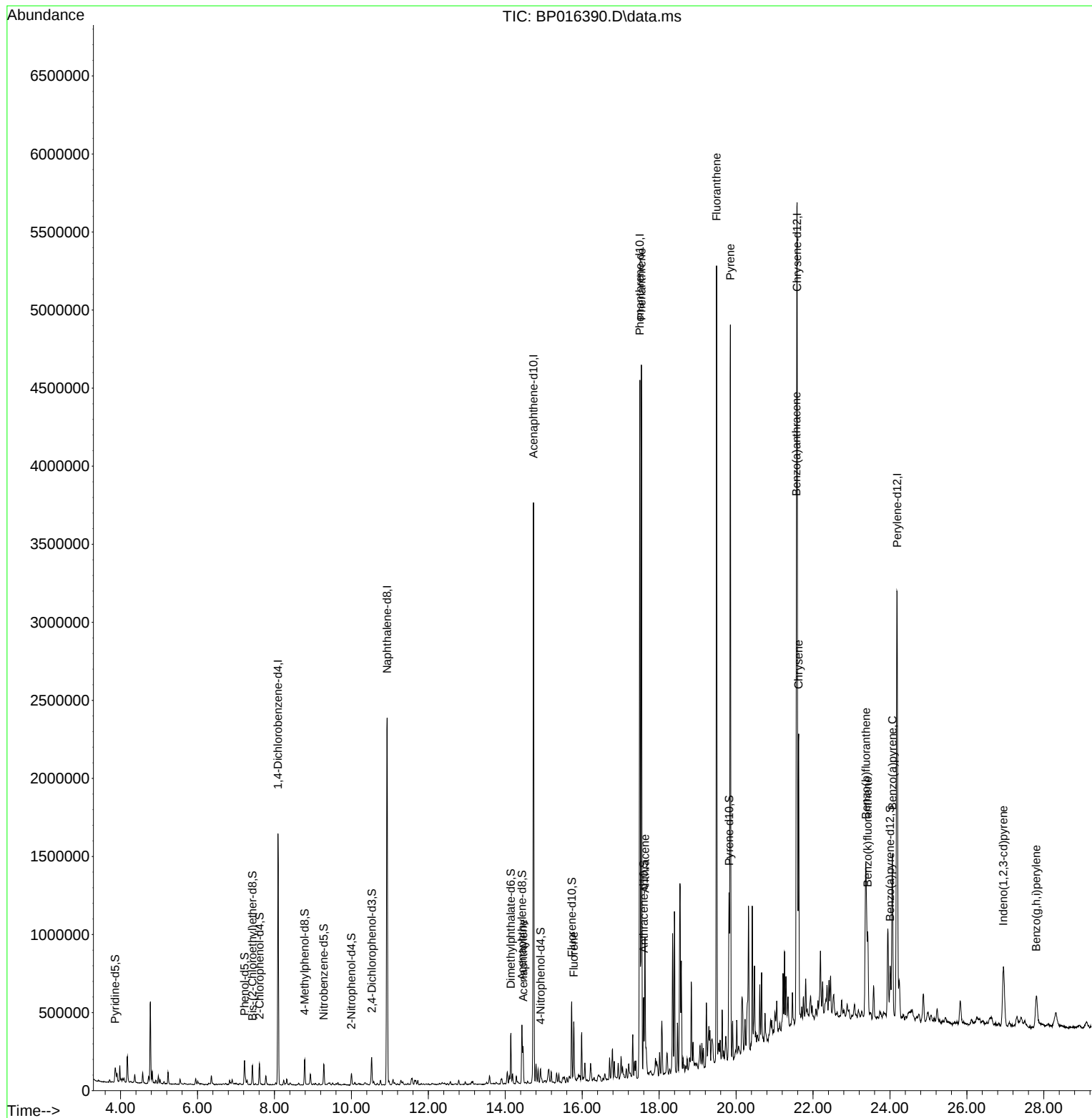
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016390.D
Acq On : 26 Jul 2023 23:47
Operator : MA/JU
Sample : 03534-17DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

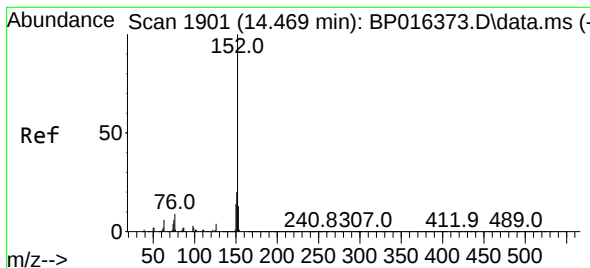
Instrument :
BNA_P
ClientSampleId :
A4733DL

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Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:37:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.353 ng/ul

RT: 14.463 min Scan# 1901

Delta R.T. -0.009 min

Lab File: BP016390.D

Acq: 26 Jul 2023 23:47

Instrument :

BNA_P

ClientSampleId :

A4733DL

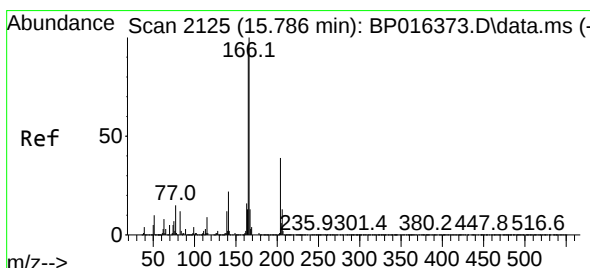
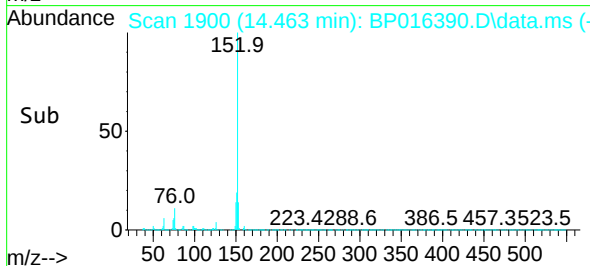
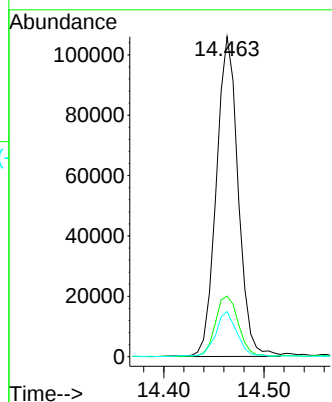
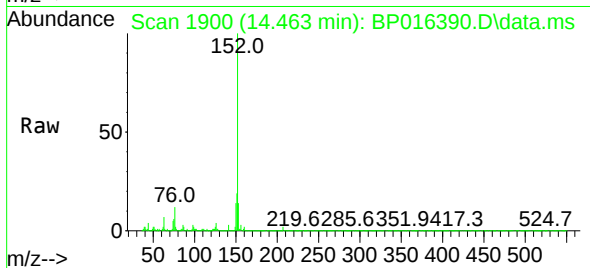
Tgt Ion:	152	Resp:	15990
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.0	24.0
153	14.1	10.6	16.0

Manual Integrations

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Supervised By :mohammad ahmed 07/27/2023



#61

Fluorene

Concen: 1.953 ng/ul

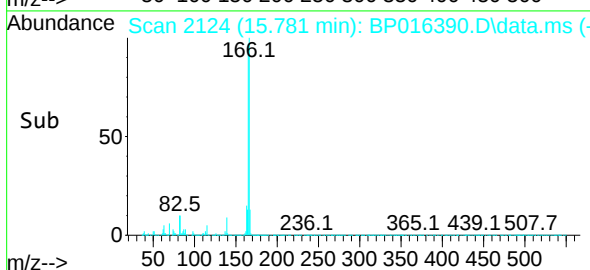
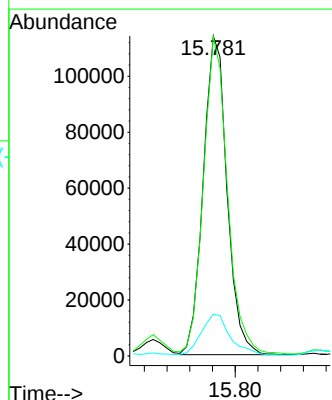
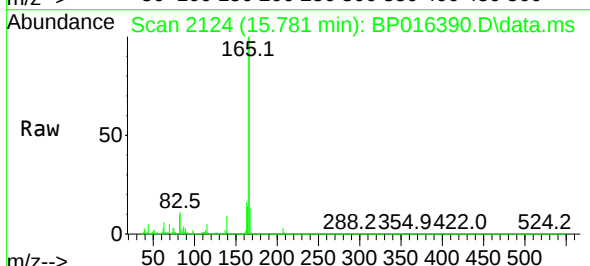
RT: 15.781 min Scan# 2124

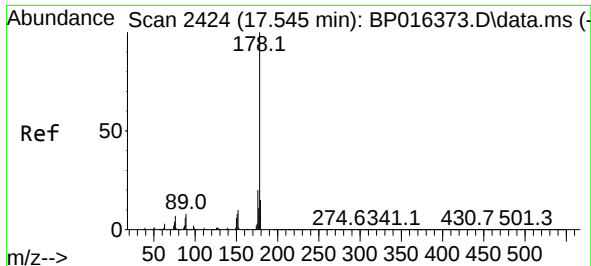
Delta R.T. -0.015 min

Lab File: BP016390.D

Acq: 26 Jul 2023 23:47

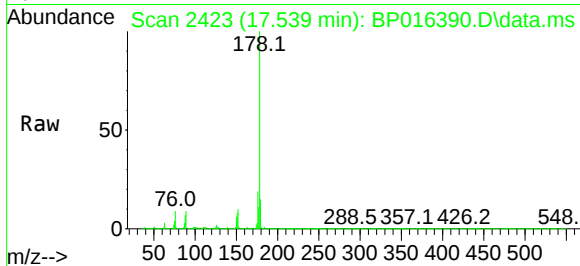
Tgt Ion:	166	Resp:	165513
Ion Ratio	Lower	Upper	
166	100		
165	99.8	77.0	115.4
167	13.0	10.6	15.8





#72
Phenanthrene
Concen: 19.391 ng/u1
RT: 17.539 min Scan# 2424
Delta R.T. -0.015 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

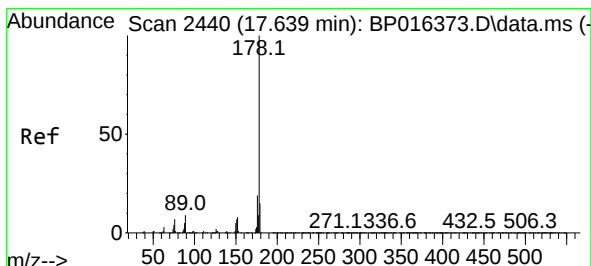
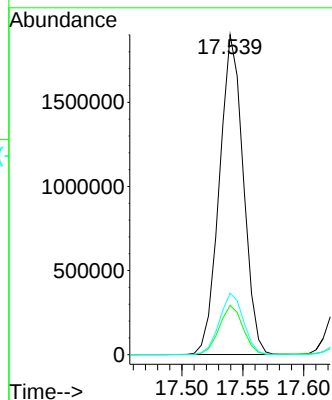
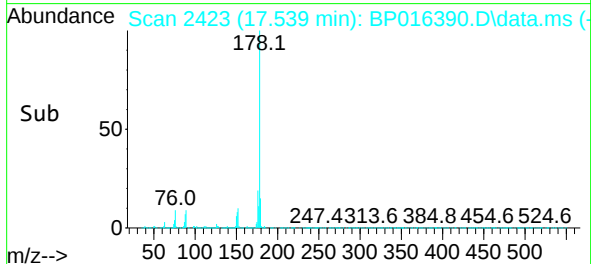
Instrument :
BNA_P
ClientSampleId :
A4733DL



Tgt Ion:178 Resp: 259508
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.4 23.0

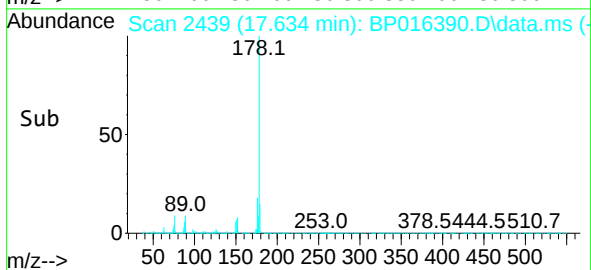
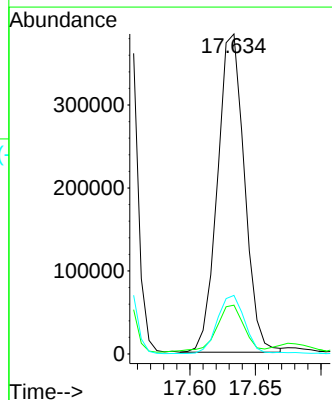
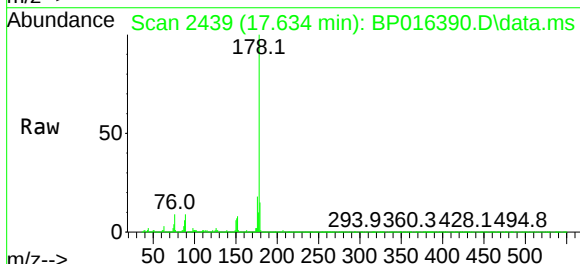
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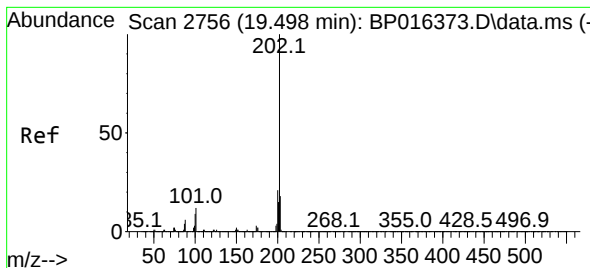
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#74
Anthracene
Concen: 4.022 ng/u1
RT: 17.634 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

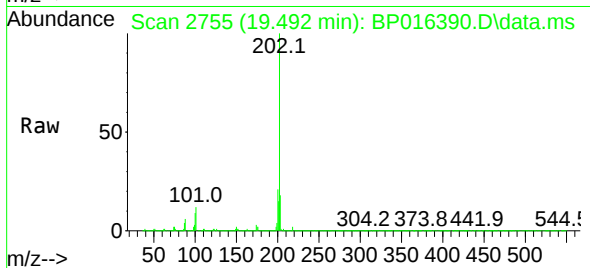
Tgt Ion:178 Resp: 548273
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.3 15.1 22.7





#80
Fluoranthene
Concen: 18.374 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. -0.015 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

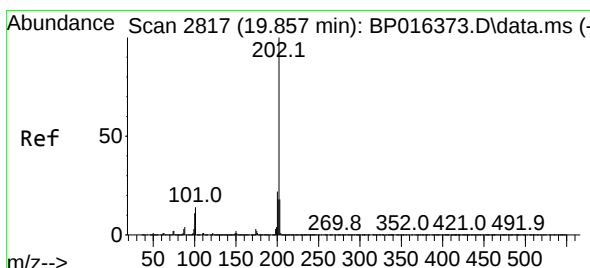
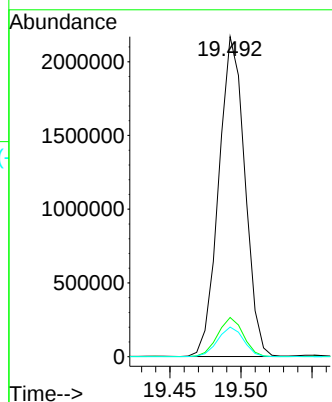
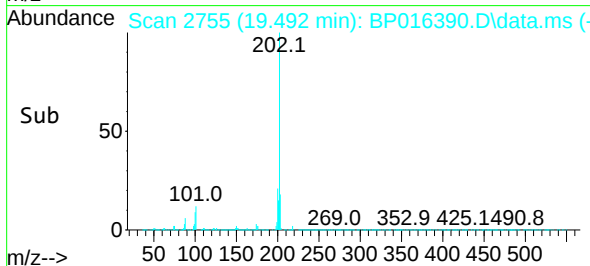
Instrument :
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ClientSampleId :
A4733DL



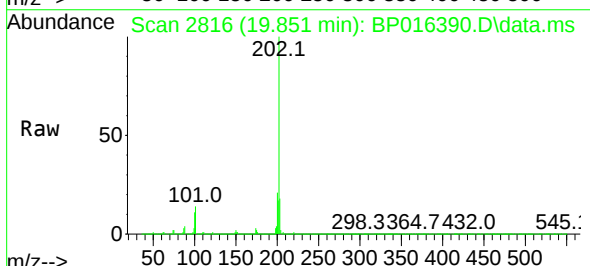
Tgt Ion:202 Resp: 277206
Ion Ratio Lower Upper
202 100
101 12.2 9.1 13.7
100 9.3 7.1 10.7

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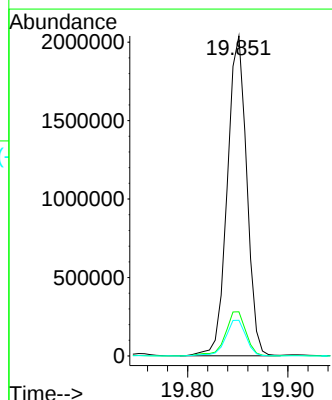
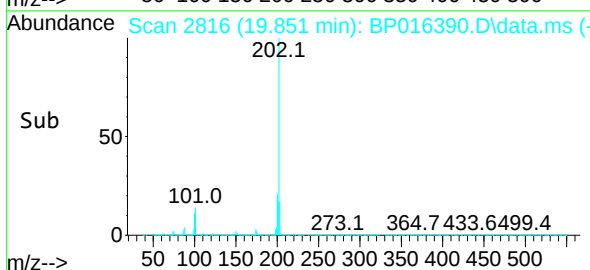
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

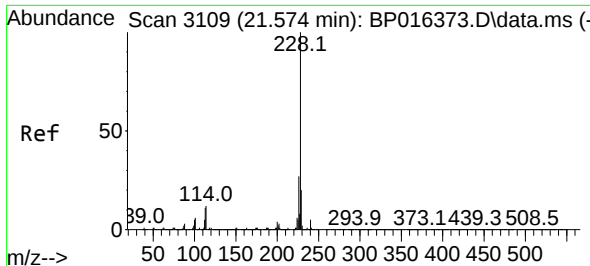


#82
Pyrene
Concen: 17.610 ng/u1
RT: 19.851 min Scan# 2816
Delta R.T. -0.009 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47



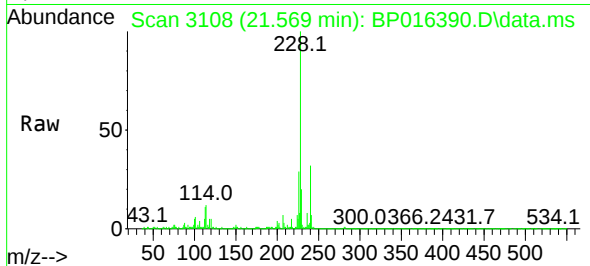
Tgt Ion:202 Resp: 2744785
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.2 9.4 14.0





#85
Benzo(a)anthracene
Concen: 8.031 ng/ul
RT: 21.569 min Scan# 3108
Delta R.T. -0.015 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

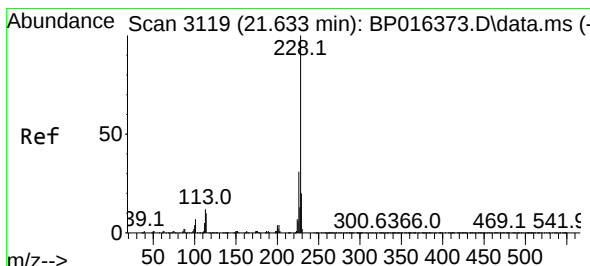
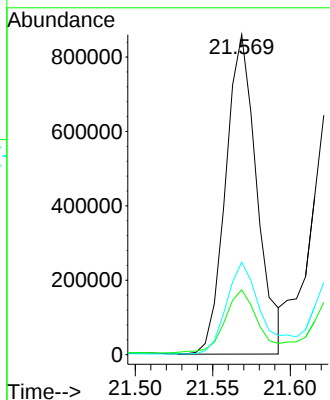
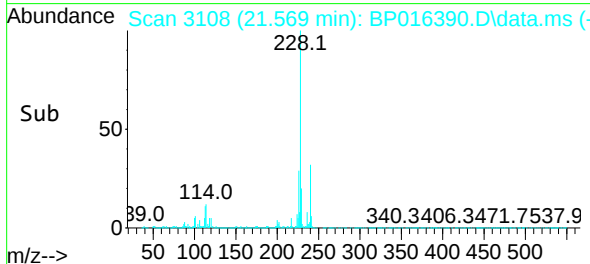
Instrument :
BNA_P
ClientSampleId :
A4733DL



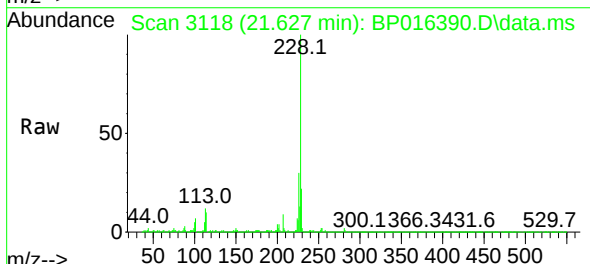
Tgt Ion:228 Resp: 120569
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.9 22.0 33.0

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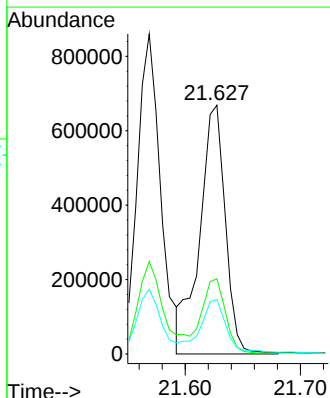
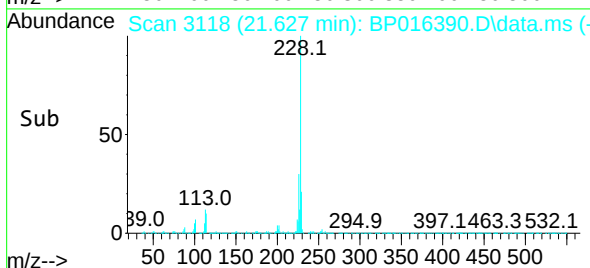
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

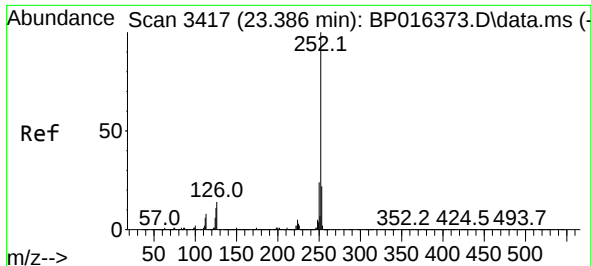


#87
Chrysene
Concen: 7.470 ng/ul m
RT: 21.627 min Scan# 3118
Delta R.T. -0.015 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47



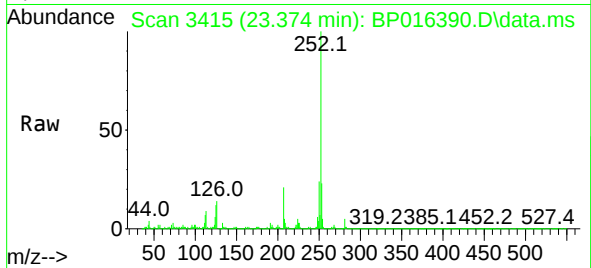
Tgt Ion:228 Resp: 1038620
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.8 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 7.365 ng/ul
RT: 23.374 min Scan# 3415
Delta R.T. -0.021 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

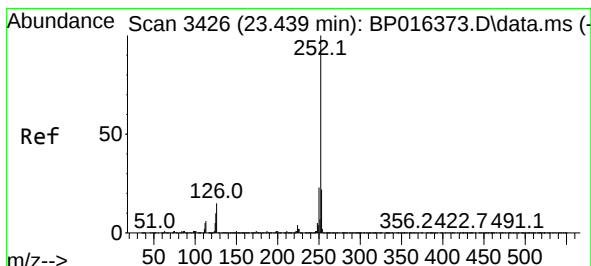
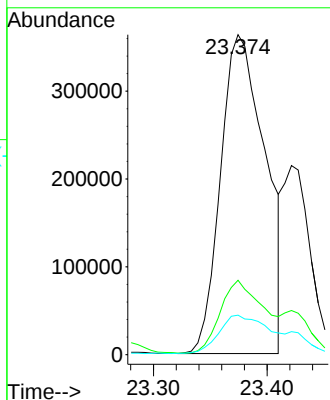
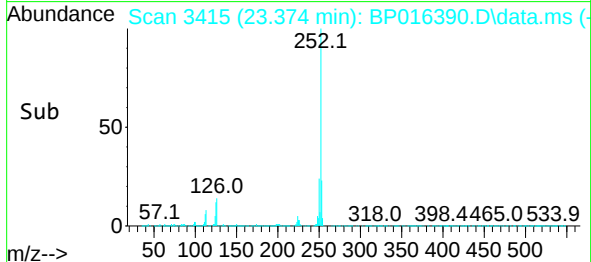
Instrument :
BNA_P
ClientSampleId :
A4733DL



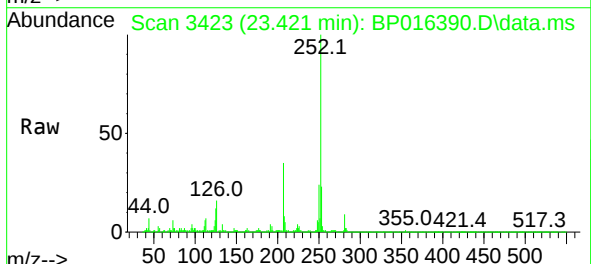
Tgt Ion:252 Resp: 991215
Ion Ratio Lower Upper
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253 23.2 17.9 26.9
125 12.4 8.8 13.2

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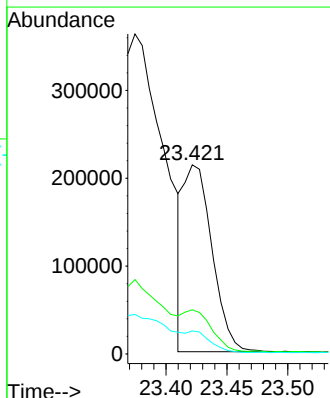
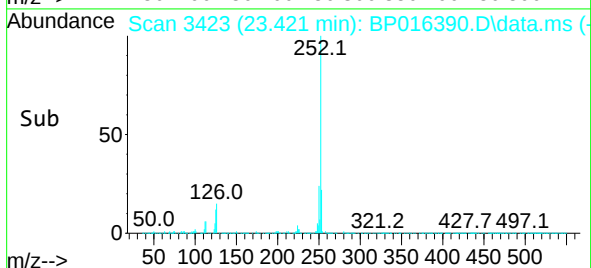
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

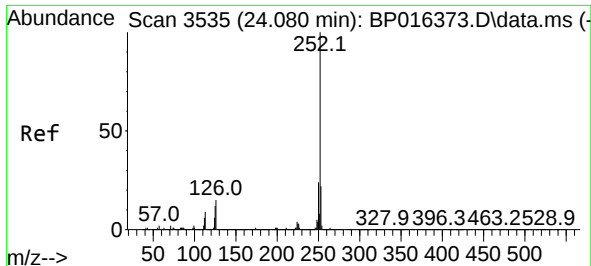


#91
Benzo(k)fluoranthene
Concen: 2.586 ng/ul
RT: 23.421 min Scan# 3423
Delta R.T. -0.027 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47



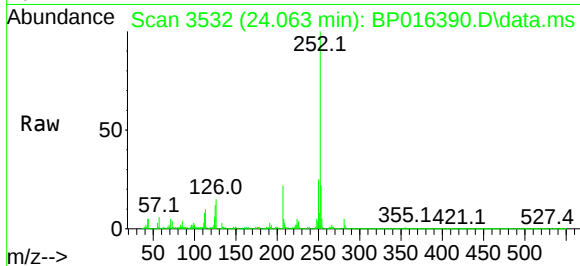
Tgt Ion:252 Resp: 346414
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 12.2 9.0 13.6





#93
Benzo(a)pyrene
Concen: 5.784 ng/ul
RT: 24.063 min Scan# 3535
Delta R.T. -0.027 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

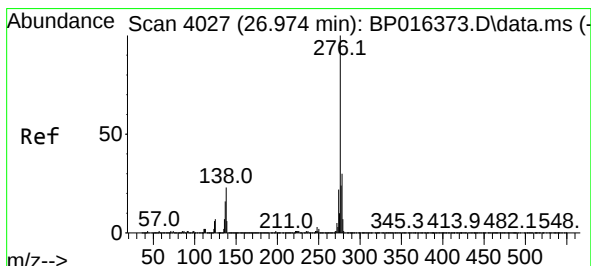
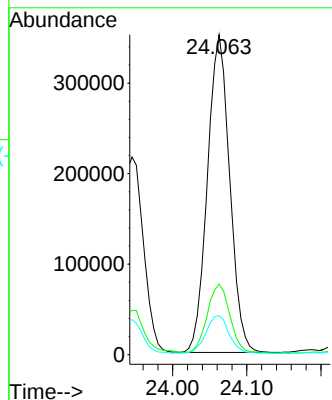
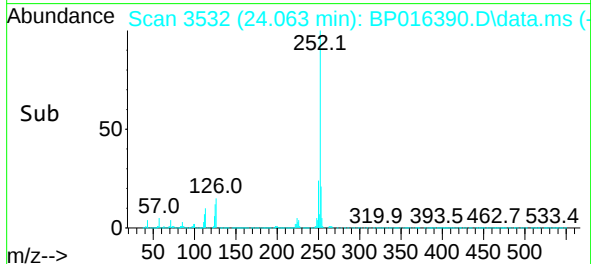
Instrument :
BNA_P
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A4733DL



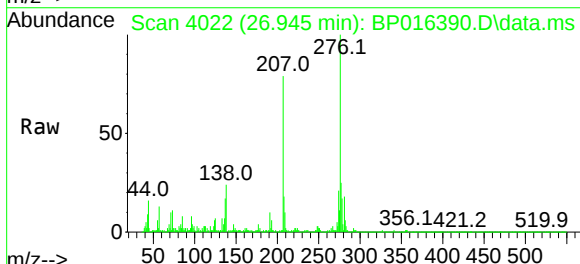
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Ion Ratio Lower Upper
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253 22.0 18.0 27.0
125 12.2 9.4 14.0

Manual Integrations
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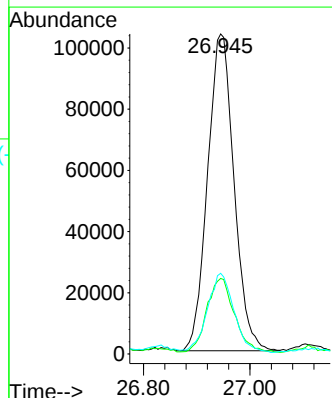
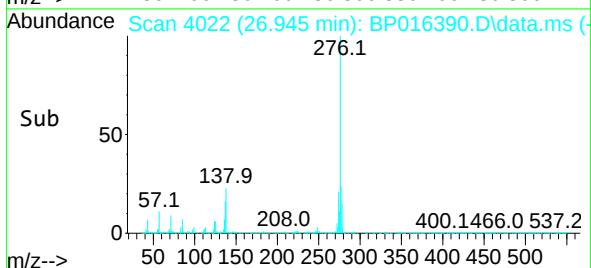
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

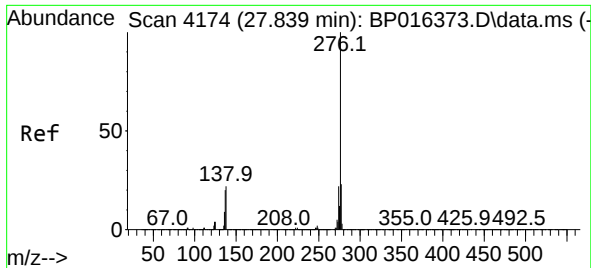


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.437 ng/ul
RT: 26.945 min Scan# 4022
Delta R.T. -0.044 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47



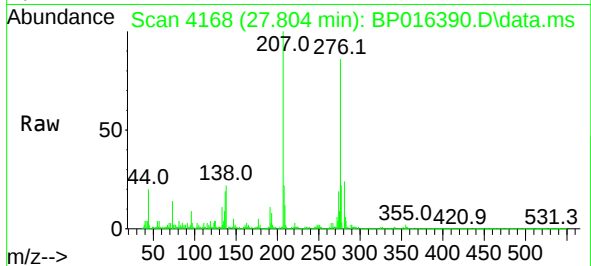
Tgt Ion:276 Resp: 356649
Ion Ratio Lower Upper
276 100
138 23.6 18.1 27.1
277 25.2 19.0 28.4





#96
Benzo(g,h,i)perylene
Concen: 2.357 ng/ul
RT: 27.804 min Scan# 41
Delta R.T. -0.056 min
Lab File: BP016390.D
Acq: 26 Jul 2023 23:47

Instrument :
BNA_P
ClientSampleId :
A4733DL



Tgt Ion:276 Resp: 27310
Ion Ratio Lower Upper
276 100
138 25.8 17.8 26.6
277 25.6 19.0 28.4

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/27/2023

