

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 23:37:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	214668	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.775	136	884123	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	649277	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1541152	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	1601716	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1753449	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12695	2.093	ng/uL	0.00
4) Pyridine-d5	3.758	84	66253	4.379	ng/u1	0.02
7) Phenol-d5	7.163	99	189653	9.781	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	126499	9.648	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	154001	11.002	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	63429	4.061	ng/u1	0.04
21) Nitrobenzene-d5	9.169	128	78823	12.923	ng/u1	0.02
24) 2-Nitrophenol-d4	9.899	143	86695	12.471	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.510	165	135373m	11.245	ng/u1	0.06
31) 4-Chloroaniline-d4	11.104	131	8977m	0.465	ng/u1	0.15
46) Dimethylphthalate-d6	14.028	166	672370	13.576	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	697590	12.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	68459m	6.773	ng/u1	0.06
60) Fluorene-d10	15.610	176	547095	13.199	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	47300m	5.317	ng/u1	0.04
73) Anthracene-d10	17.481	188	684745	10.157	ng/u1	0.00
81) Pyrene-d10	19.704	212	1057274	12.721	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.798	264	514501	6.110	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.834	105	112221	4.357	ng/u1	93
52) Acenaphthene	14.675	153	53769	1.275	ng/u1	96
61) Fluorene	15.681	166	48363	1.008	ng/u1	98
72) Phenanthrene	17.416	178	924066	11.508	ng/u1	100
74) Anthracene	17.522	178	97515m	1.209	ng/u1	
80) Fluoranthene	19.386	202	901465	9.275	ng/u1	98
82) Pyrene	19.739	202	783519	7.551	ng/u1	99
85) Benzo(a)anthracene	21.451	228	397203	3.808	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.327	149	126577	1.893	ng/u1	98
87) Chrysene	21.510	228	477252	4.517	ng/u1	99
90) Benzo(b)fluoranthene	23.204	252	325914	3.254	ng/u1	97
91) Benzo(k)fluoranthene	23.251	252	140602m	1.379	ng/u1	

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

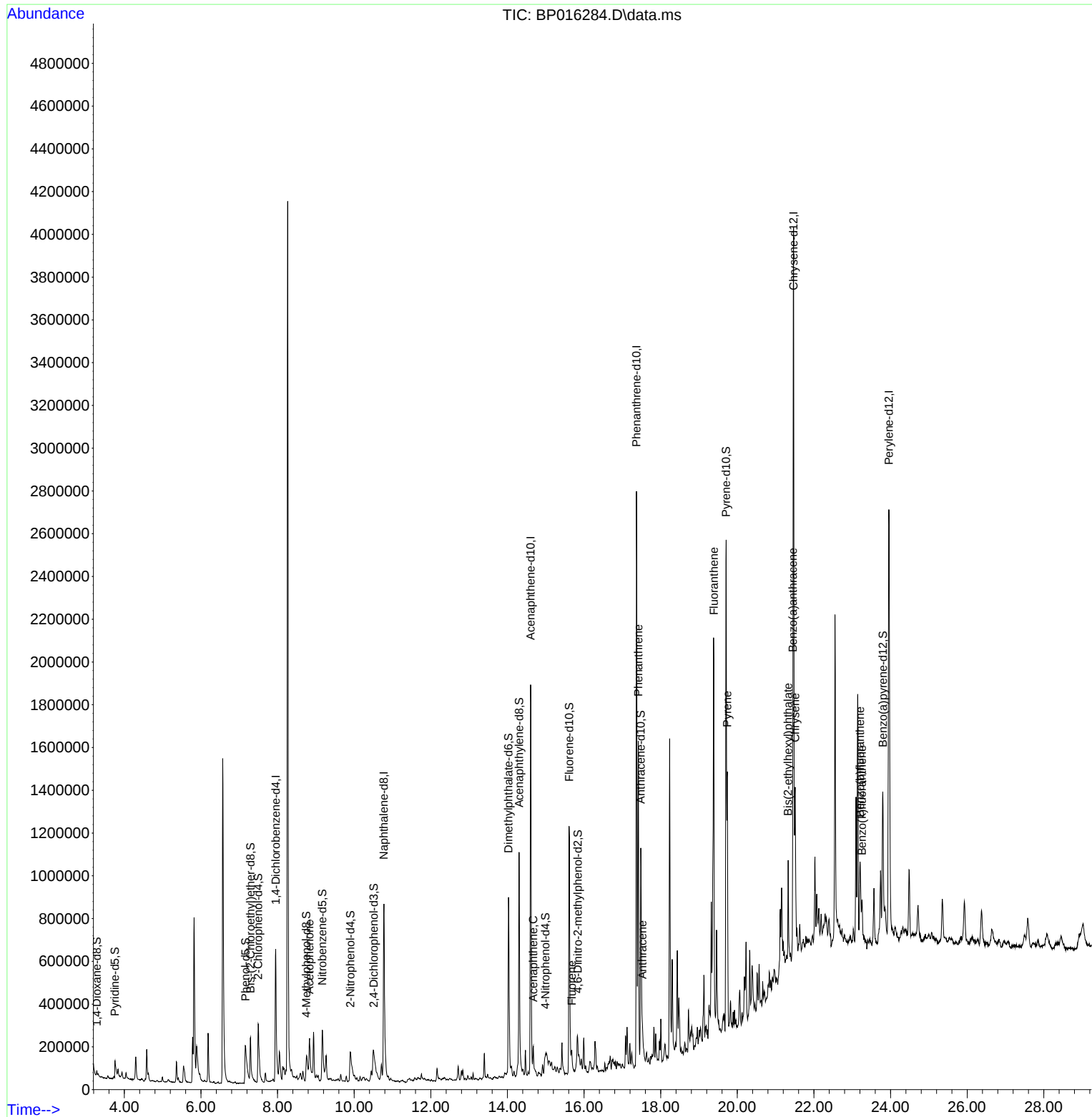
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

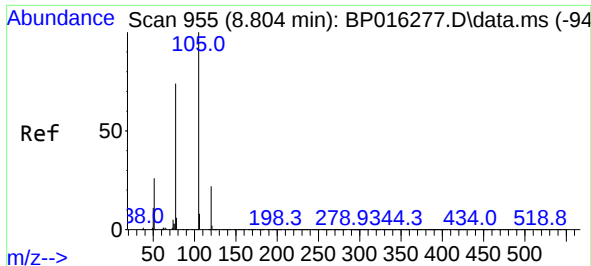
Instrument :
BNA_P
ClientSampleId :
A46M1

Quant Time: Jul 18 23:37:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

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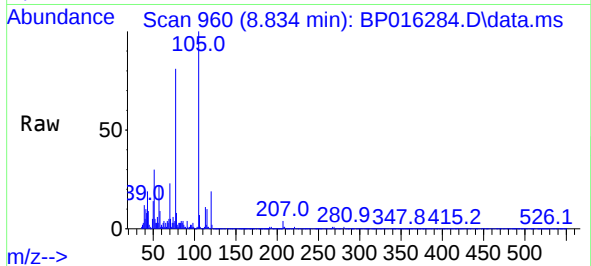
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023





#16
Acetophenone
Concen: 4.357 ng/ul
RT: 8.834 min Scan# 90
Delta R.T. 0.024 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

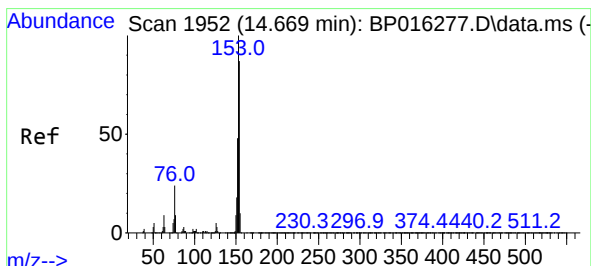
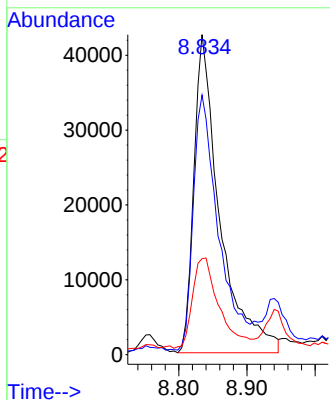
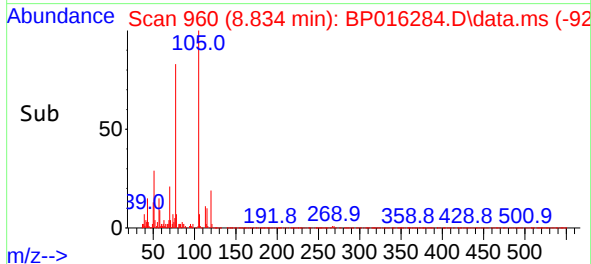
Instrument :
BNA_P
ClientSampleId :
A46M1



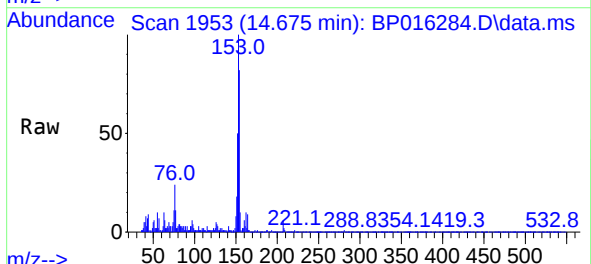
Tgt Ion:105 Resp: 11222
Ion Ratio Lower Upper
105 100
77 81.1 70.2 105.2
51 30.0 26.3 39.5

Manual Integrations
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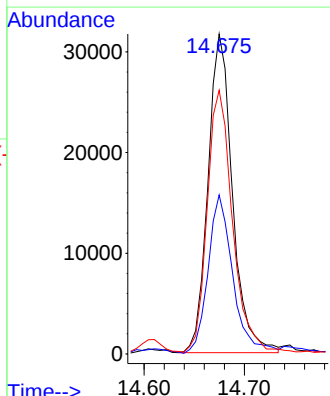
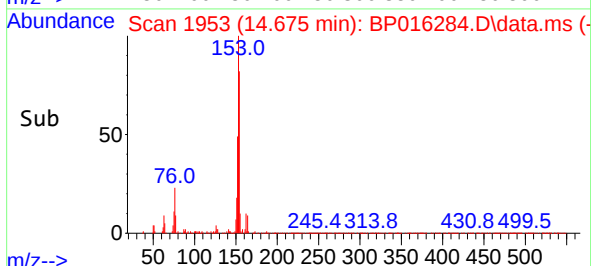
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

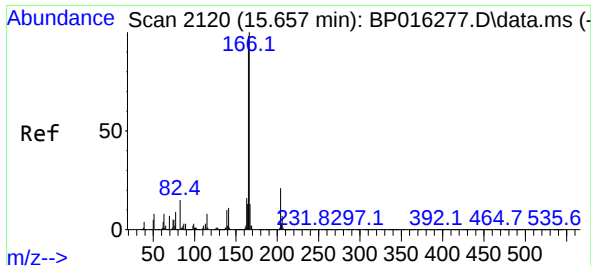


#52
Acenaphthene
Concen: 1.275 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06



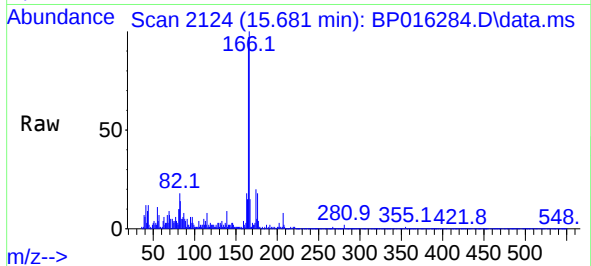
Tgt Ion:153 Resp: 53769
Ion Ratio Lower Upper
153 100
152 49.7 37.9 56.9
154 82.4 69.3 103.9





#61
Fluorene
Concen: 1.008 ng/ul
RT: 15.681 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

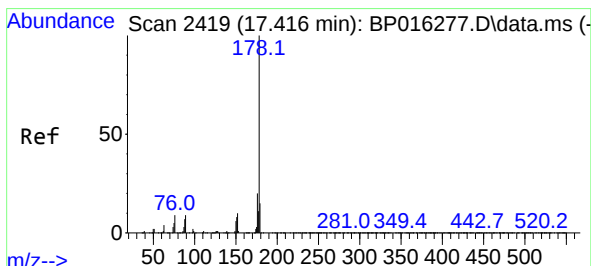
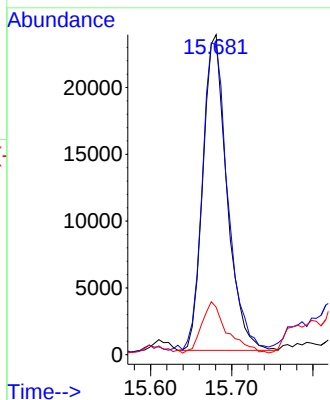
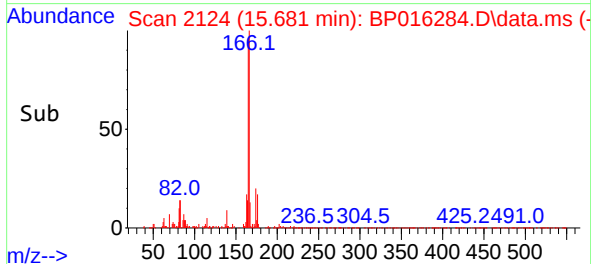
Instrument :
BNA_P
ClientSampleId :
A46M1



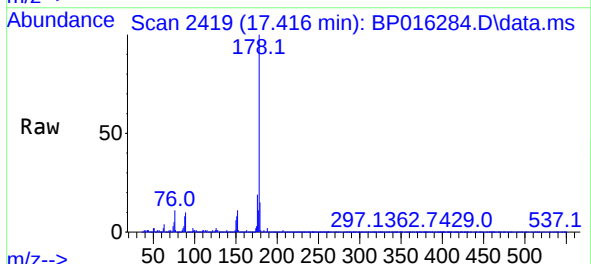
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Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 14.9 11.0 16.4

Manual Integrations
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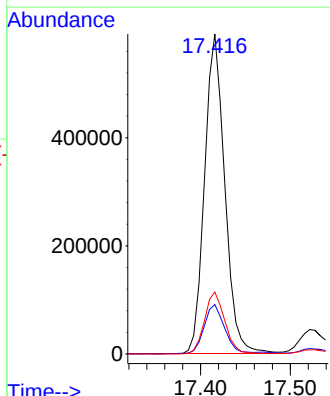
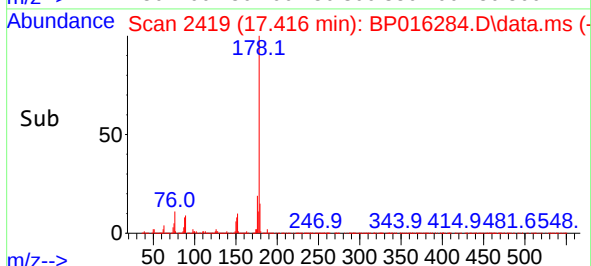
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

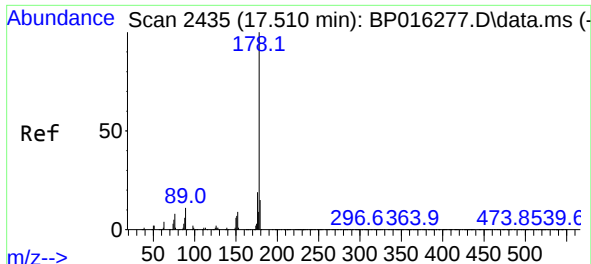


#72
Phenanthrene
Concen: 11.508 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06



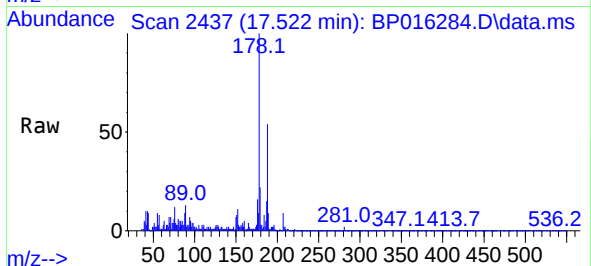
Tgt Ion:178 Resp: 924066
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.4 15.6 23.4





#74
 Anthracene
 Concen: 1.209 ng/ul m
 RT: 17.522 min Scan# 2435
 Delta R.T. 0.006 min
 Lab File: BP016284.D
 Acq: 18 Jul 2023 09:06

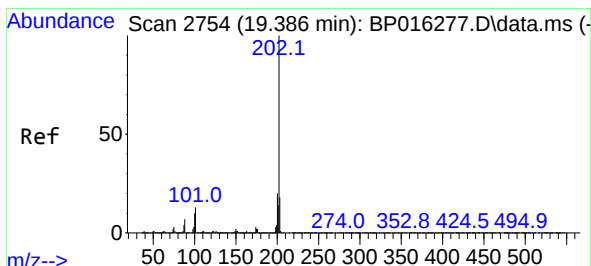
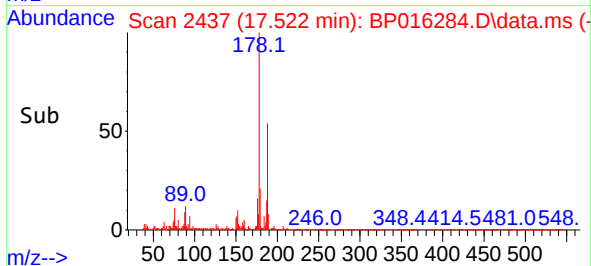
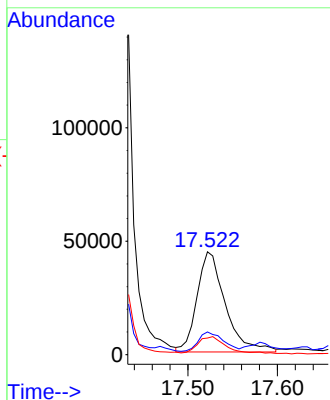
Instrument :
 BNA_P
 ClientSampleId :
 A46M1



Tgt Ion:178 Resp: 97515
 Ion Ratio Lower Upper
 178 100
 179 22.0 11.9 17.9
 176 16.1 15.0 22.4

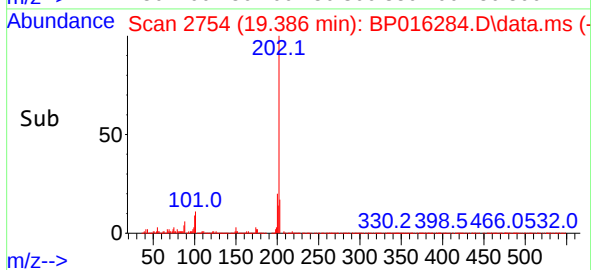
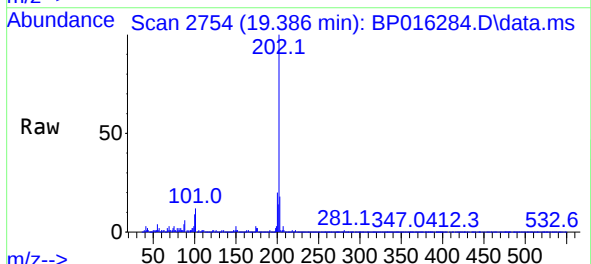
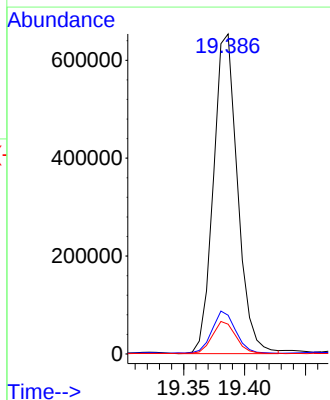
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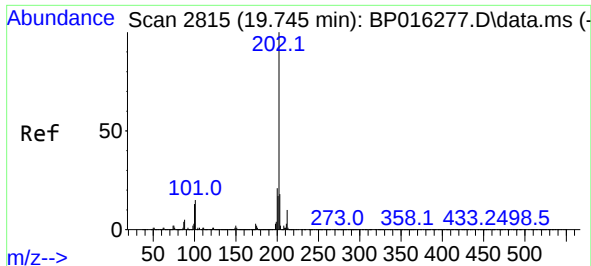
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#80
 Fluoranthene
 Concen: 9.275 ng/ul
 RT: 19.386 min Scan# 2754
 Delta R.T. -0.006 min
 Lab File: BP016284.D
 Acq: 18 Jul 2023 09:06

Tgt Ion:202 Resp: 901465
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.4 15.6
 100 9.3 8.2 12.4





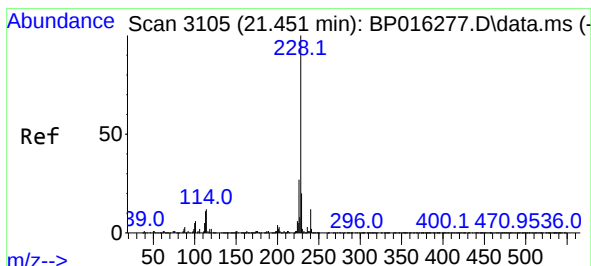
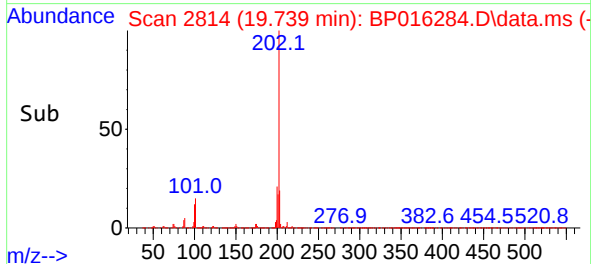
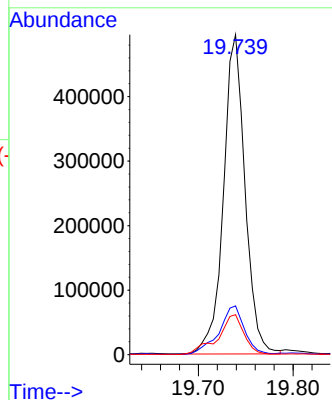
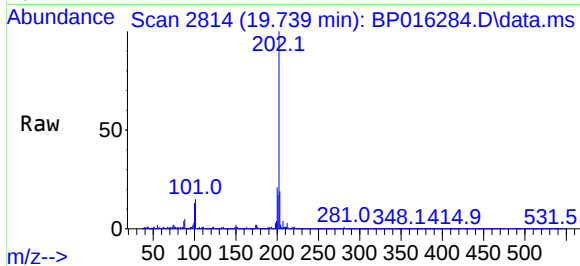
#82
Pyrene
Concen: 7.551 ng/ul
RT: 19.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

Instrument :
BNA_P
ClientSampleId :
A46M1

Tgt Ion:202 Resp: 783519
Ion Ratio Lower Upper
202 100
101 15.3 12.4 18.6
100 12.5 10.5 15.7

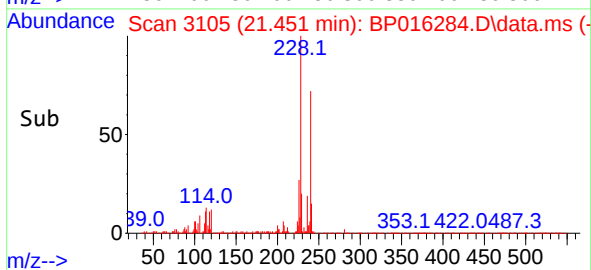
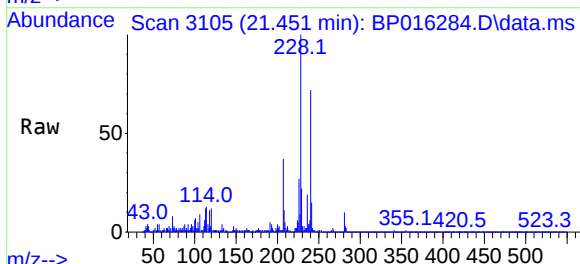
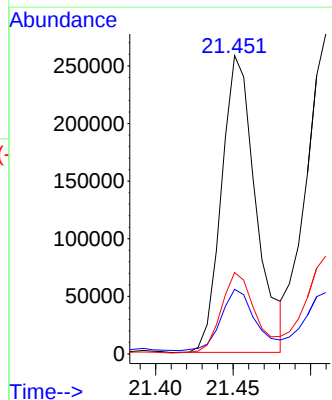
Manual Integrations
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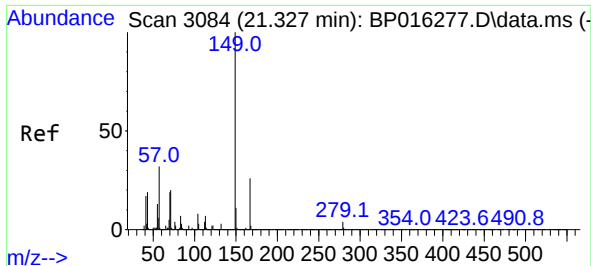
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#85
Benzo(a)anthracene
Concen: 3.808 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

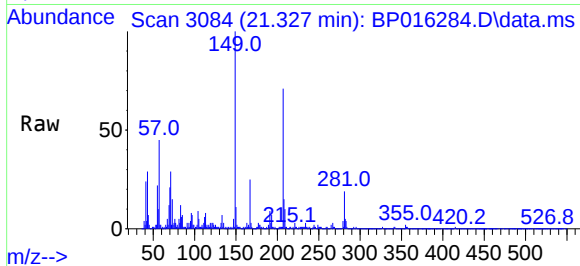
Tgt Ion:228 Resp: 397203
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 27.3 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.893 ng/ul
RT: 21.327 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

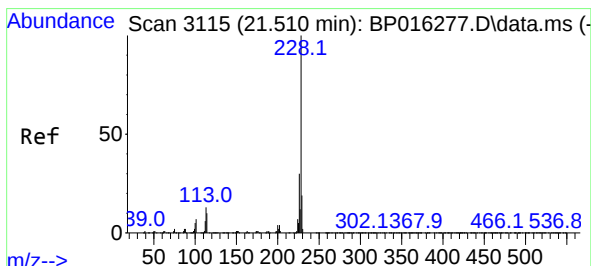
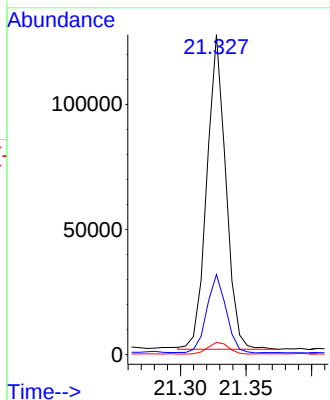
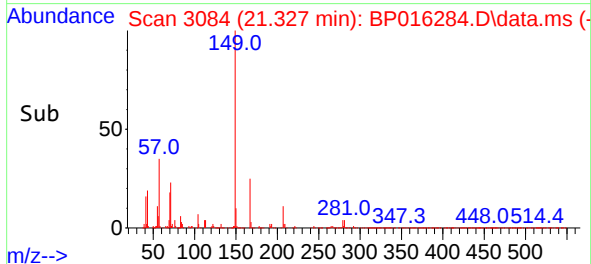
Instrument :
BNA_P
ClientSampleId :
A46M1



Tgt Ion:149 Resp: 12657
Ion Ratio Lower Upper
149 100
167 25.0 21.0 31.4
279 3.9 3.0 4.6

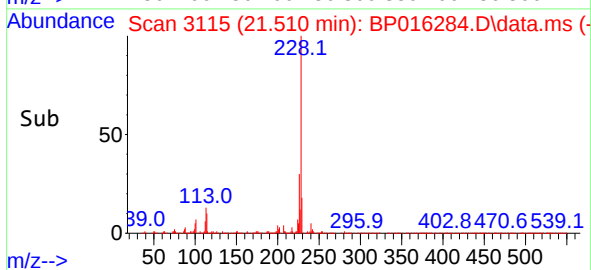
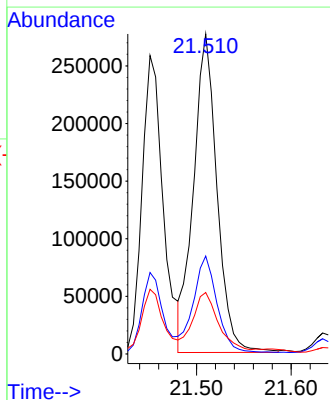
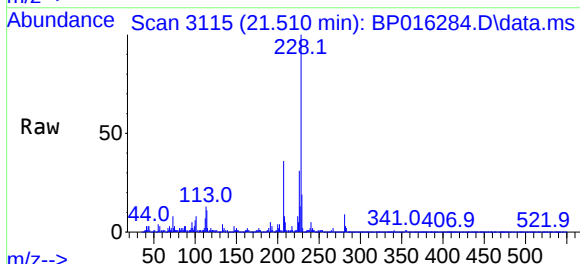
Manual Integrations
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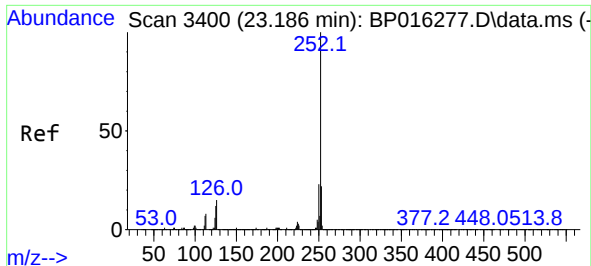
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#87
Chrysene
Concen: 4.517 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

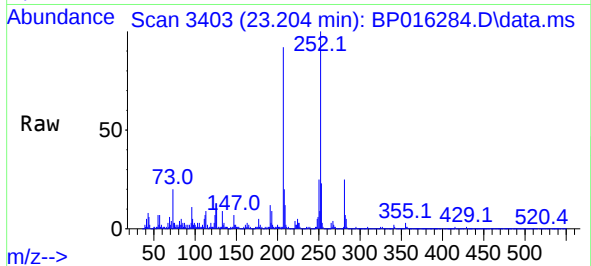
Tgt Ion:228 Resp: 477252
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 19.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.254 ng/ul
RT: 23.204 min Scan# 3400
Delta R.T. 0.012 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06

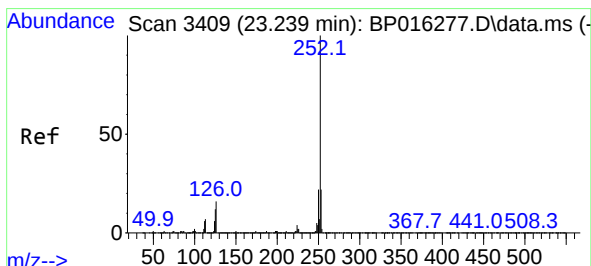
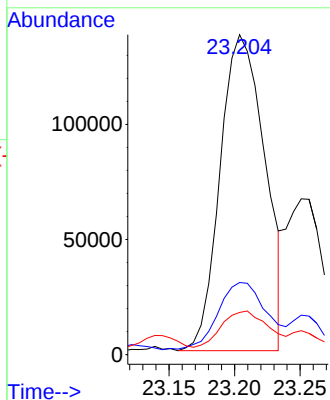
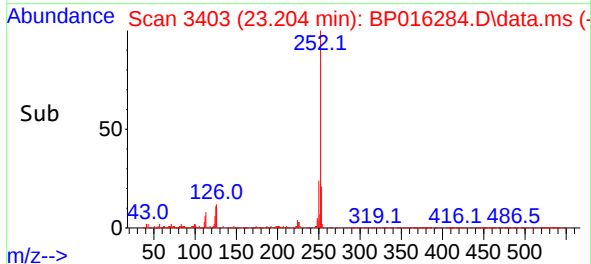
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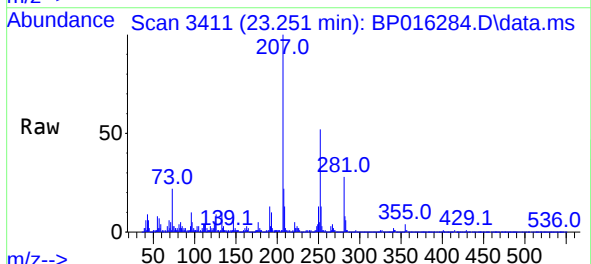
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Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 13.2 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#91
Benzo(k)fluoranthene
Concen: 1.379 ng/ul m
RT: 23.251 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BP016284.D
Acq: 18 Jul 2023 09:06



Tgt Ion:252 Resp: 140602
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 15.4 9.3 13.9#

