

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 07:25:48 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	239210	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.775	136	1120652	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	721797	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1743081	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	1749704	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1832550	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	15708	2.324	ng/uL	0.00
4) Pyridine-d5	3.775	84	27296	1.619	ng/u1	0.04
7) Phenol-d5	7.163	99	268760	12.439	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	185710	12.711	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	212046	13.595	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	82971m	4.767	ng/u1	0.04
21) Nitrobenzene-d5	9.169	128	104175	13.474	ng/u1	0.02
24) 2-Nitrophenol-d4	9.899	143	112466	12.763	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.510	165	189790m	12.438	ng/u1	0.06
31) 4-Chloroaniline-d4	11.104	131	13070m	0.534	ng/u1	0.15
46) Dimethylphthalate-d6	14.034	166	794675	14.433	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	830639	13.766	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	86938m	7.737	ng/u1	0.04
60) Fluorene-d10	15.616	176	724861	15.731	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	79556m	7.906	ng/u1	0.04
73) Anthracene-d10	17.486	188	845792	11.093	ng/u1	0.00
81) Pyrene-d10	19.710	212	1217072	13.405	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	591504	6.721	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.840	105	109386	3.811	ng/u1	95
50) Acenaphthylene	14.340	152	87764	1.266	ng/u1	97
56) Dibenzofuran	15.045	168	64623	1.012	ng/u1	100
61) Fluorene	15.681	166	79234	1.486	ng/u1	100
72) Phenanthrene	17.416	178	1112794	12.252	ng/u1	99
74) Anthracene	17.528	178	184352m	2.020	ng/u1	
80) Fluoranthene	19.386	202	1283107	12.085	ng/u1	99
82) Pyrene	19.739	202	780875	6.889	ng/u1	99
85) Benzo(a)anthracene	21.457	228	473860m	4.159	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.327	149	125326	1.716	ng/u1	98
87) Chrysene	21.510	228	443490	3.842	ng/u1	98
90) Benzo(b)fluoranthene	23.210	252	471069	4.500	ng/u1	96
91) Benzo(k)fluoranthene	23.257	252	166943	1.567	ng/u1	96
93) Benzo(a)pyrene	23.857	252	116920	1.128	ng/u1#	82

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

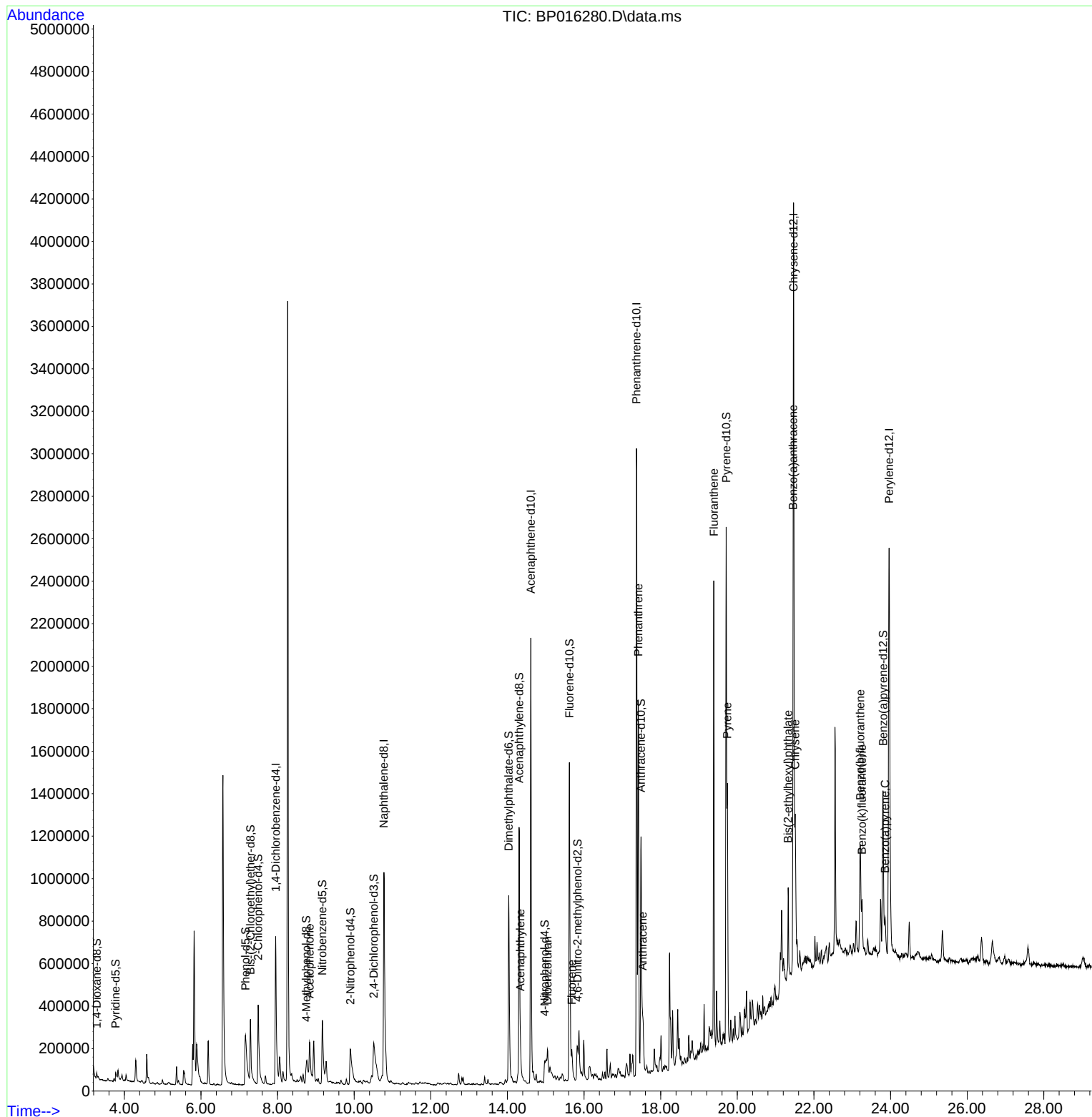
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016280.D
Acq On : 18 Jul 2023 06:50
Operator : MA/JU
Sample : 03458-04
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ALS Vial : 38 Sample Multiplier: 1

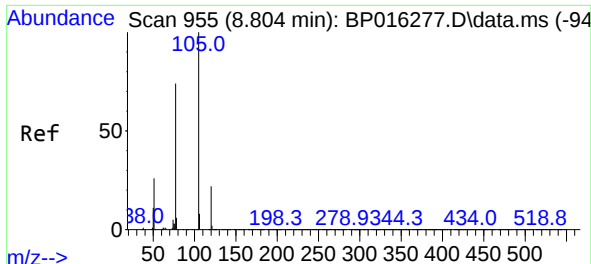
Instrument :
BNA_P
ClientSampleId :
A46L3

Manual Integrations
APPROVED

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

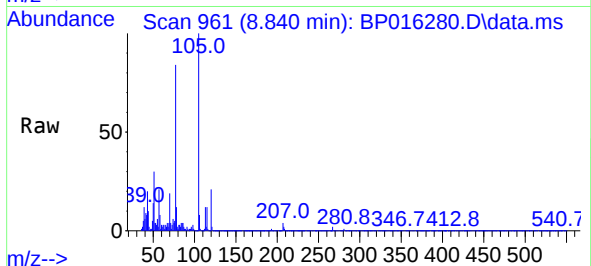
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.811 ng/ul
RT: 8.840 min Scan# 90
Delta R.T. 0.029 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

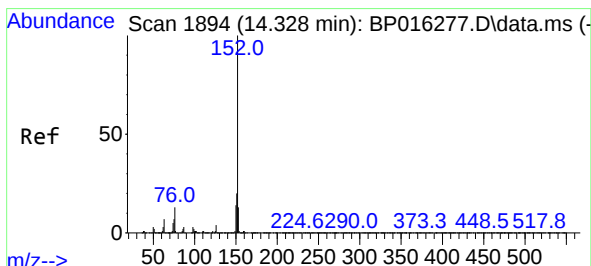
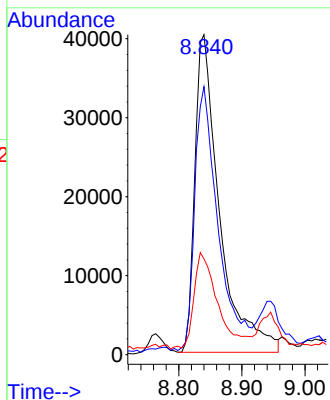
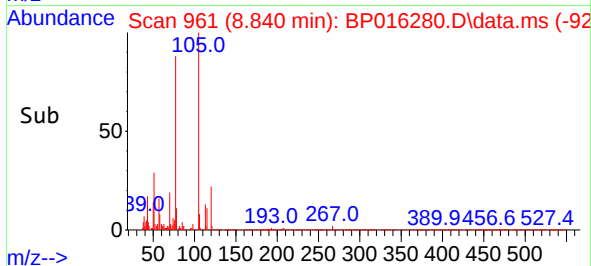
Instrument :
BNA_P
ClientSampleId :
A46L3



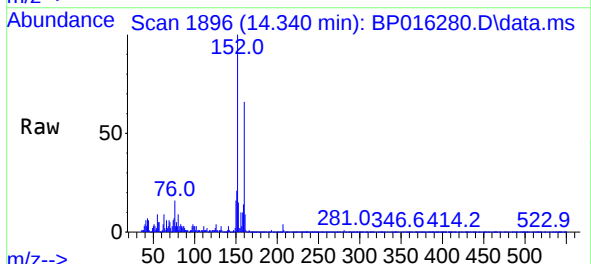
Tgt Ion:105 Resp: 109380
Ion Ratio Lower Upper
105 100
77 83.7 70.2 105.2
51 29.9 26.3 39.5

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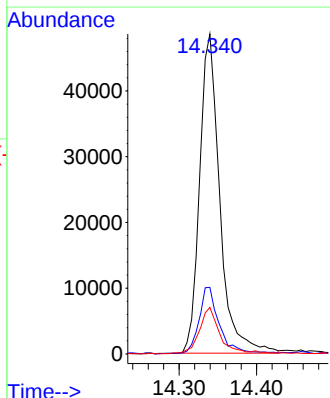
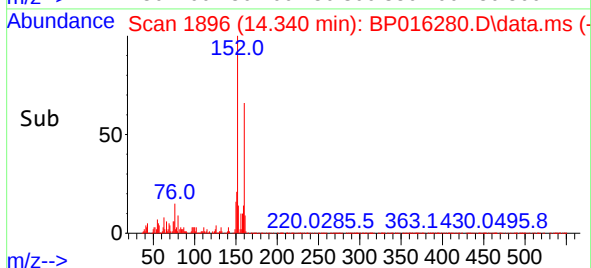
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

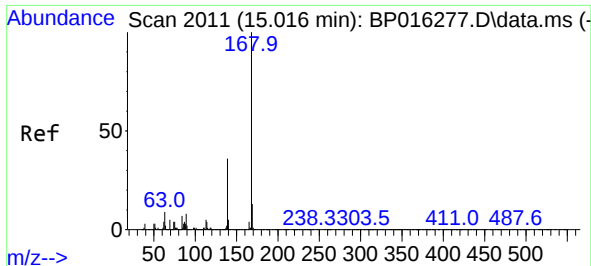


#50
Acenaphthylene
Concen: 1.266 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50



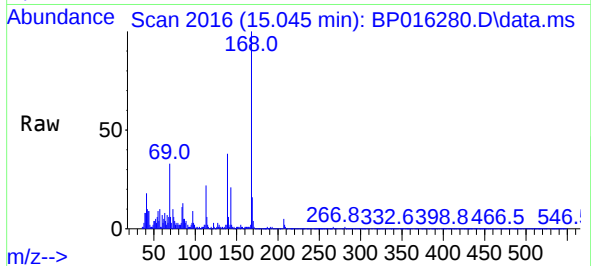
Tgt Ion:152 Resp: 87764
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 14.6 10.2 15.4





#56
Dibenzenofuran
Concen: 1.012 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.024 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

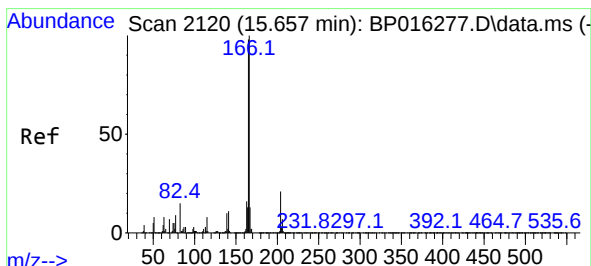
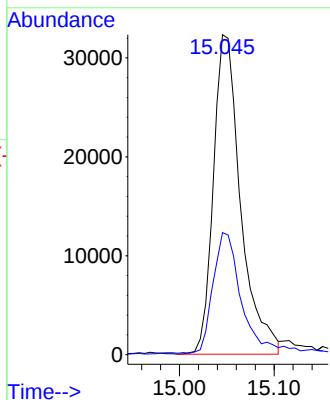
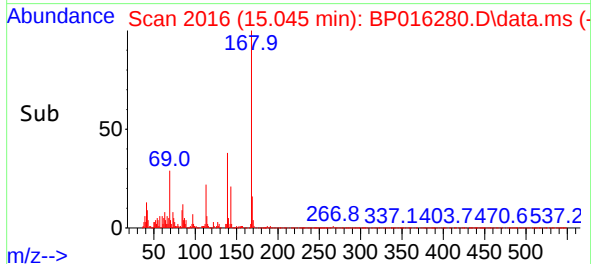
Instrument :
BNA_P
Client Sample Id :
A46L3



Tgt Ion:168 Resp: 6462
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8

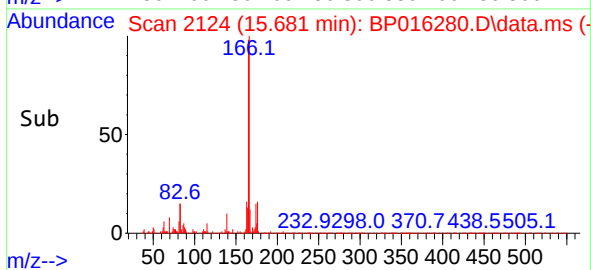
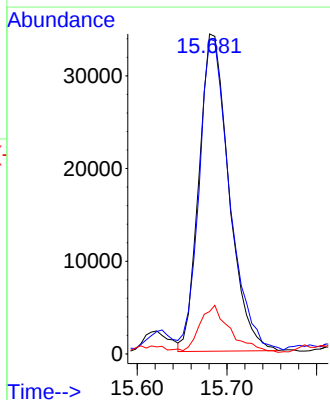
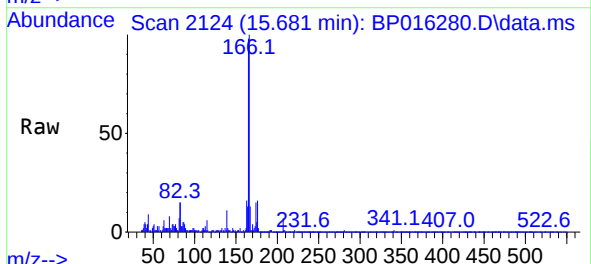
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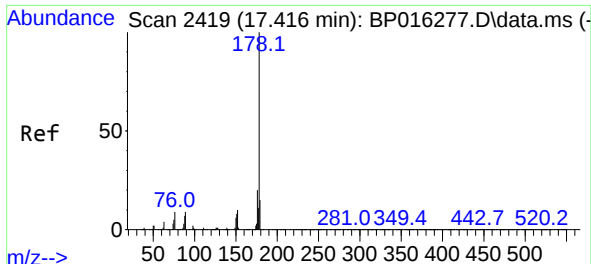
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#61
Fluorene
Concen: 1.486 ng/ul
RT: 15.681 min Scan# 2124
Delta R.T. 0.018 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

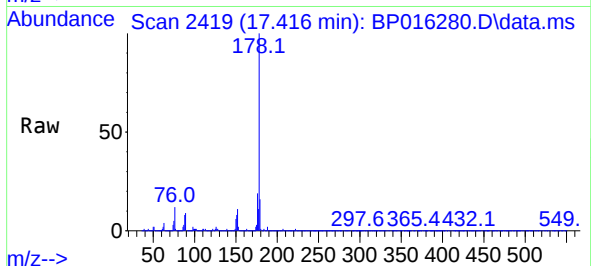
Tgt Ion:166 Resp: 79234
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.2 11.0 16.4





#72
Phenanthrene
Concen: 12.252 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

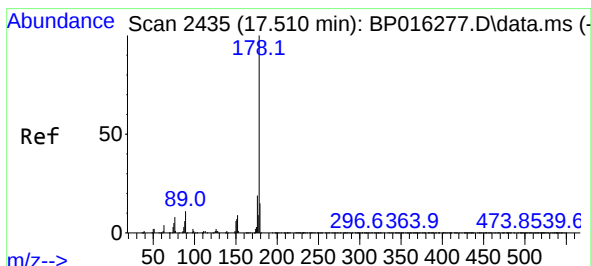
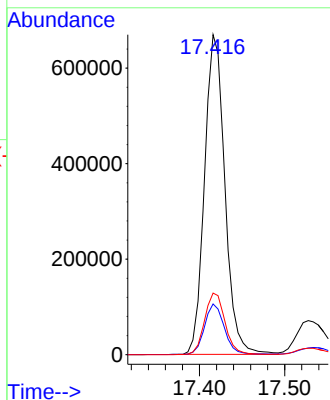
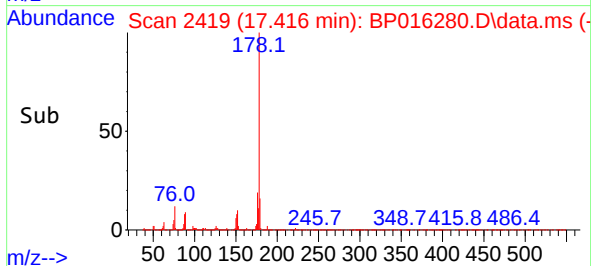
Instrument :
BNA_P
ClientSampleId :
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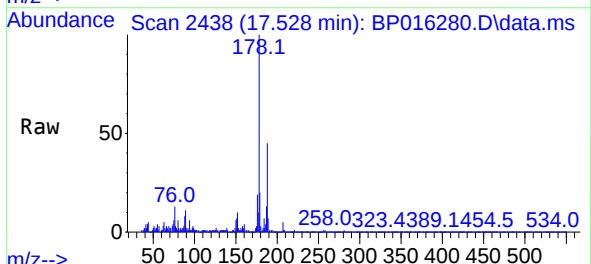
Tgt Ion:178 Resp: 1112794
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.3 15.6 23.4

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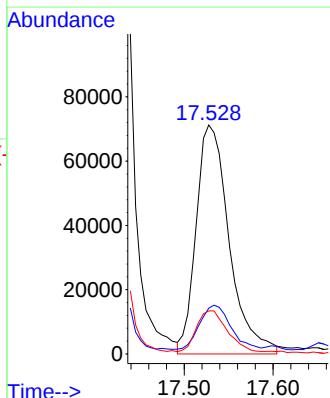
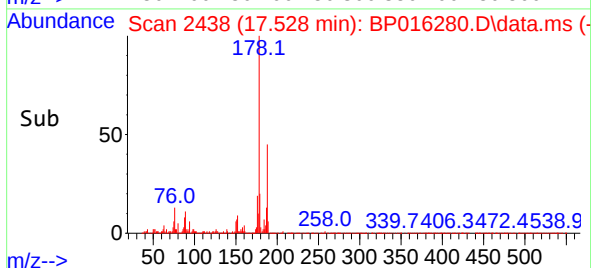
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

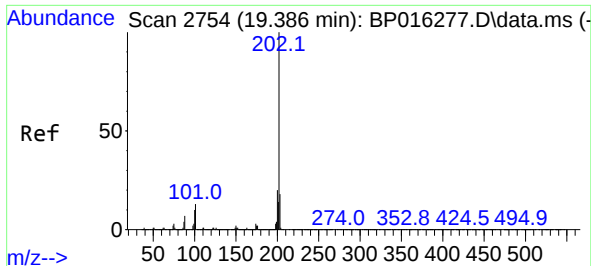


#74
Anthracene
Concen: 2.020 ng/ul m
RT: 17.528 min Scan# 2438
Delta R.T. 0.012 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50



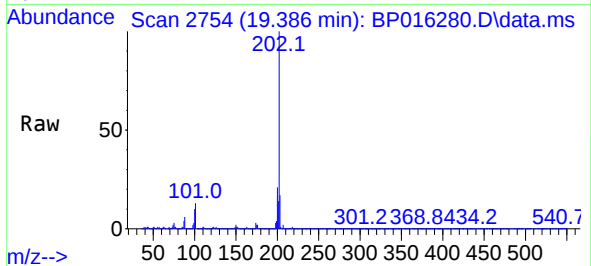
Tgt Ion:178 Resp: 184352
Ion Ratio Lower Upper
178 100
179 20.0 11.9 17.9#
176 18.8 15.0 22.4





#80
Fluoranthene
Concen: 12.085 ng/u1
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

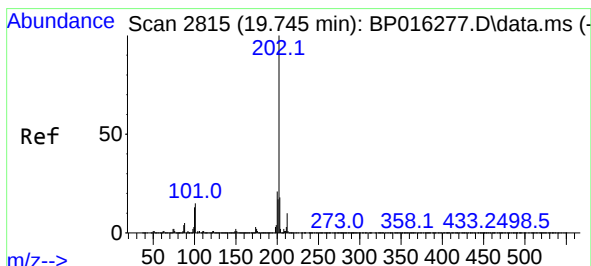
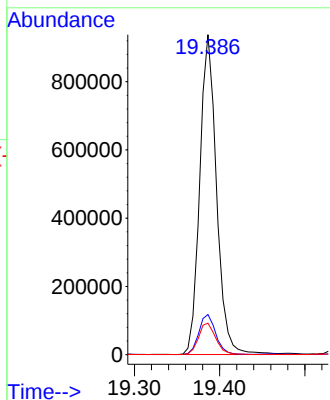
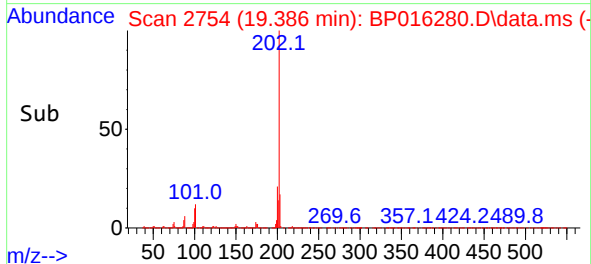
Instrument :
BNA_P
ClientSampleId :
A46L3



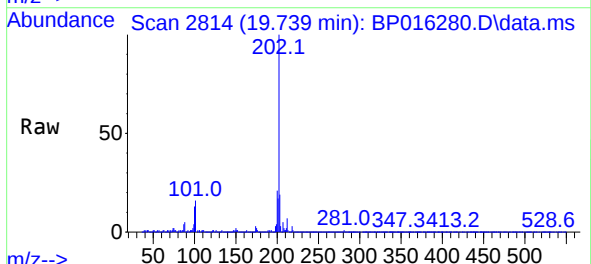
Tgt Ion:202 Resp: 128310
Ion Ratio Lower Upper
202 100
101 12.6 10.4 15.6
100 9.9 8.2 12.4

Manual Integrations
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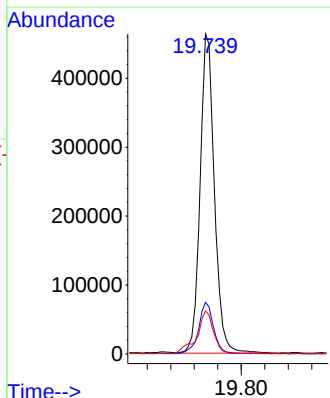
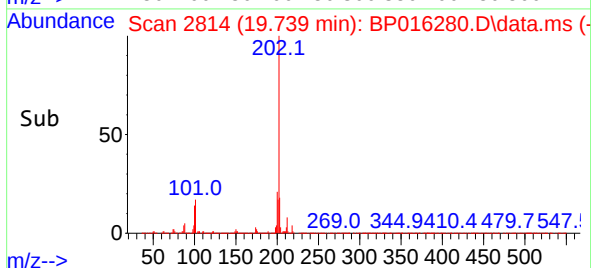
Reviewed By :Yogesh Patel 07/19/2023
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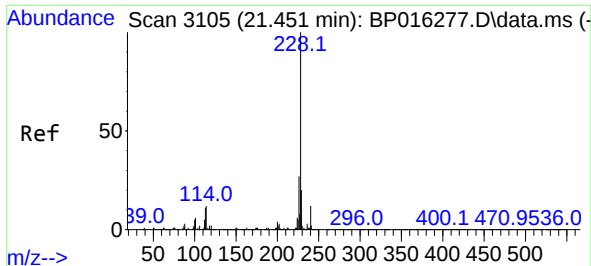


#82
Pyrene
Concen: 6.889 ng/u1
RT: 19.739 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50



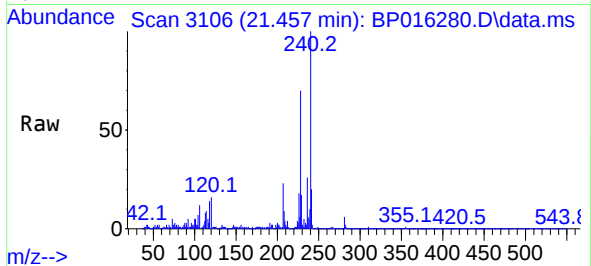
Tgt Ion:202 Resp: 780875
Ion Ratio Lower Upper
202 100
101 16.1 12.4 18.6
100 13.4 10.5 15.7





#85
Benzo(a)anthracene
Concen: 4.159 ng/ul m
RT: 21.457 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

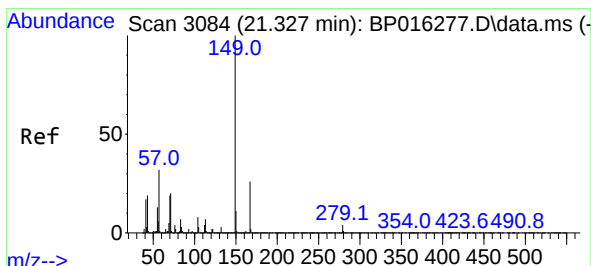
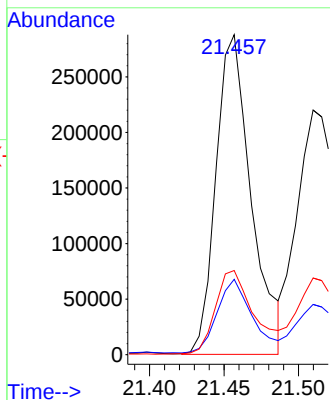
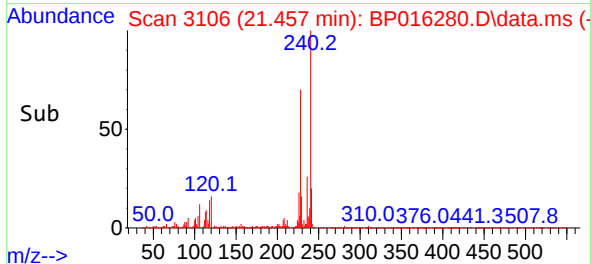
Instrument :
BNA_P
ClientSampleId :
A46L3



Tgt Ion:228 Resp: 473860
Ion Ratio Lower Upper
228 100
229 23.6 15.5 23.3
226 26.3 21.5 32.3

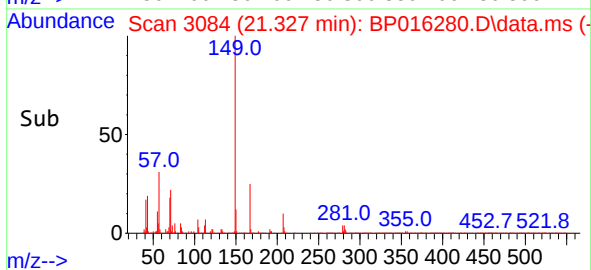
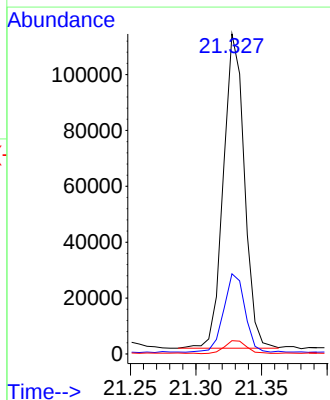
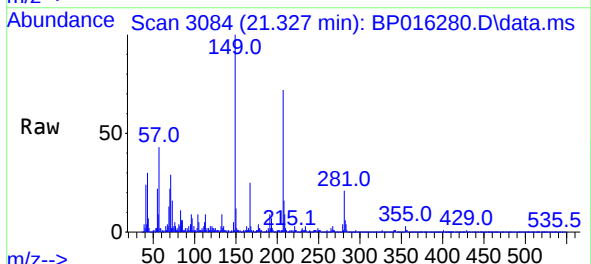
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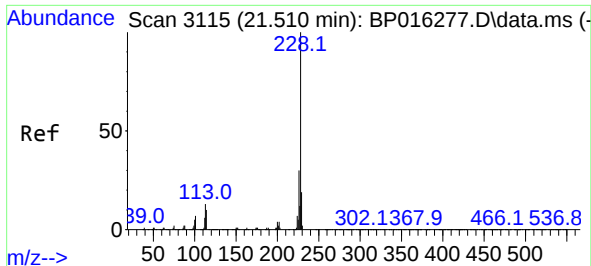
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.716 ng/ul
RT: 21.327 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

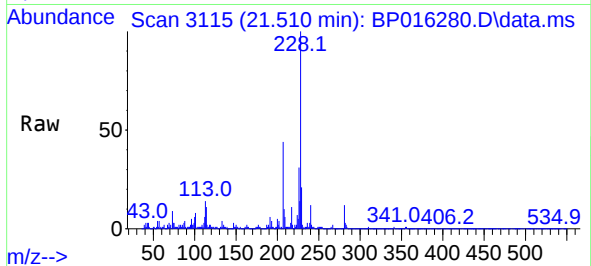
Tgt Ion:149 Resp: 125326
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.4
279 4.1 3.0 4.6





#87
Chrysene
Concen: 3.842 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

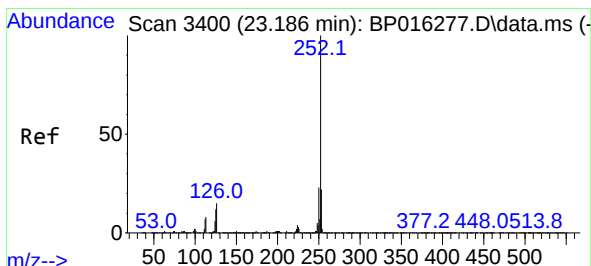
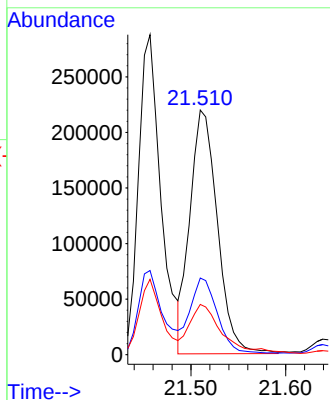
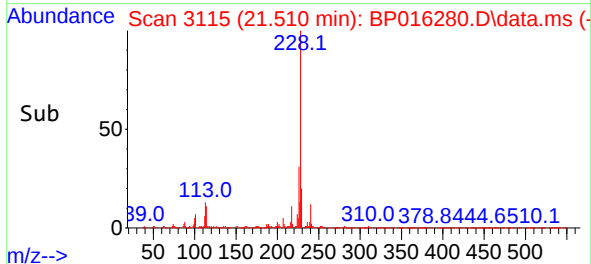
Instrument :
BNA_P
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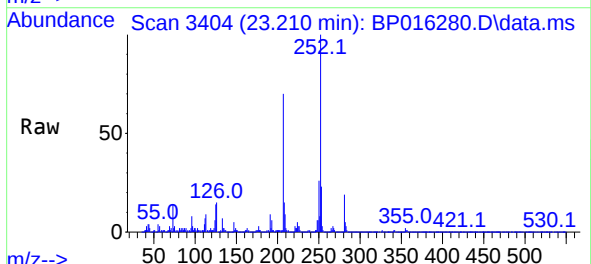
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Ion Ratio Lower Upper
228 100
226 31.3 24.0 36.0
229 20.5 15.5 23.3

Manual Integrations
APPROVED

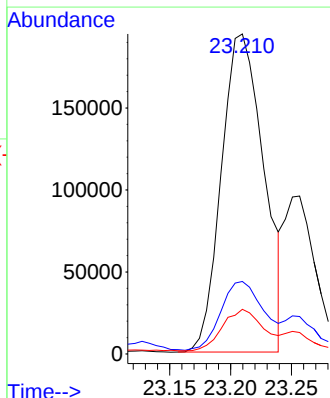
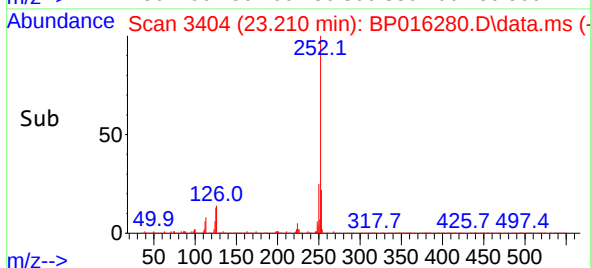
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

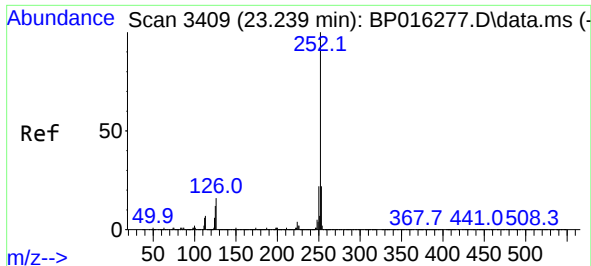


#90
Benzo(b)fluoranthene
Concen: 4.500 ng/ul
RT: 23.210 min Scan# 3404
Delta R.T. 0.018 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50



Tgt Ion:252 Resp: 471069
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 14.0 9.4 14.0





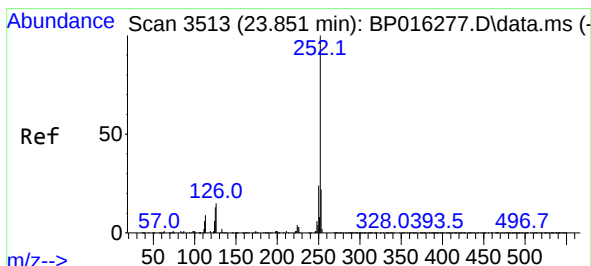
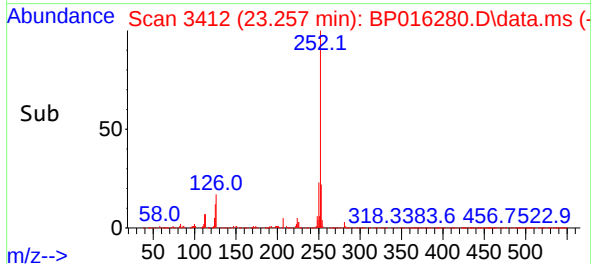
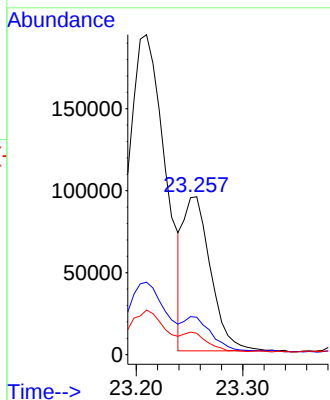
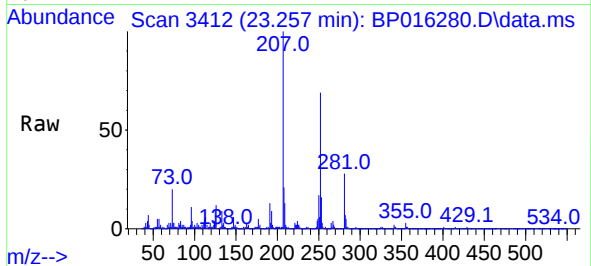
#91
Benzo(k)fluoranthene
Concen: 1.567 ng/u1
RT: 23.257 min Scan# 3409
Delta R.T. 0.012 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

Instrument :
BNA_P
ClientSampleId :
A46L3

Tgt Ion:252 Resp: 16694
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 13.6 9.3 13.9

Manual Integrations
APPROVED

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



#93
Benzo(a)pyrene
Concen: 1.128 ng/u1
RT: 23.857 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP016280.D
Acq: 18 Jul 2023 06:50

Tgt Ion:252 Resp: 116920
Ion Ratio Lower Upper
252 100
253 32.8 17.2 25.8#
125 15.0 9.8 14.6#

