

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016338.D
 Acq On : 19 Jul 2023 23:17
 Operator : MA/JU
 Sample : 03472-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 00:32:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	119351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	577242	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	389459	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1097435	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1046372	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1041843	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8040	2.384	ng/uL	0.00
4) Pyridine-d5	3.705	84	78709m	9.357	ng/u1	-0.02
7) Phenol-d5	7.175	99	71195	6.604	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.287	67	70521	9.674	ng/u1	0.01
11) 2-Chlorophenol-d4	7.499	132	76428	9.821	ng/u1	0.02
15) 4-Methylphenol-d8	8.787	113	25507m	2.937	ng/u1	0.10
21) Nitrobenzene-d5	9.175	128	36235	9.099	ng/u1	0.04
24) 2-Nitrophenol-d4	9.904	143	46940m	10.342	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.510	165	67689m	8.612	ng/u1	0.09
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.028	166	339469	11.427	ng/u1	0.02
49) Acenaphthylene-d8	14.298	160	299212	9.190	ng/u1	0.00
54) 4-Nitrophenol-d4	15.039	143	24986m	4.121	ng/u1	0.12
60) Fluorene-d10	15.604	176	312980	12.588	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	21254m	3.355	ng/u1	0.06
73) Anthracene-d10	17.475	188	456484	9.509	ng/u1	0.00
81) Pyrene-d10	19.704	212	239334	4.408	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	82111	1.641	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.216	94	15120m	1.308	ng/u1	
16) Acetophenone	8.834	105	71915m	5.022	ng/u1	
30) Naphthalene	10.816	128	90557	2.989	ng/u1	98
36) 2-Methylnaphthalene	12.469	142	35114	1.729	ng/u1	95
37) 1-Methylnaphthalene	12.669	142	27078	1.296	ng/u1#	98
52) Acenaphthene	14.669	153	105289	4.163	ng/u1	100
56) Dibenzofuran	15.028	168	91579	2.658	ng/u1	91
61) Fluorene	15.669	166	144243	5.012	ng/u1	99
72) Phenanthrene	17.410	178	1986999	34.749	ng/u1	99
74) Anthracene	17.510	178	302016m	5.256	ng/u1	
80) Fluoranthene	19.375	202	2048848	32.269	ng/u1	100
82) Pyrene	19.733	202	590693	8.714	ng/u1	98
85) Benzo(a)anthracene	21.445	228	762016	11.183	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	110016	2.519	ng/u1	100
87) Chrysene	21.498	228	716609	10.382	ng/u1	99
90) Benzo(b)fluoranthene	23.192	252	646053	10.856	ng/u1	98
91) Benzo(k)fluoranthene	23.239	252	254579	4.204	ng/u1	99
95) Dibenzo(a,h)anthracene	26.604	278	61168	1.027	ng/u1	98

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

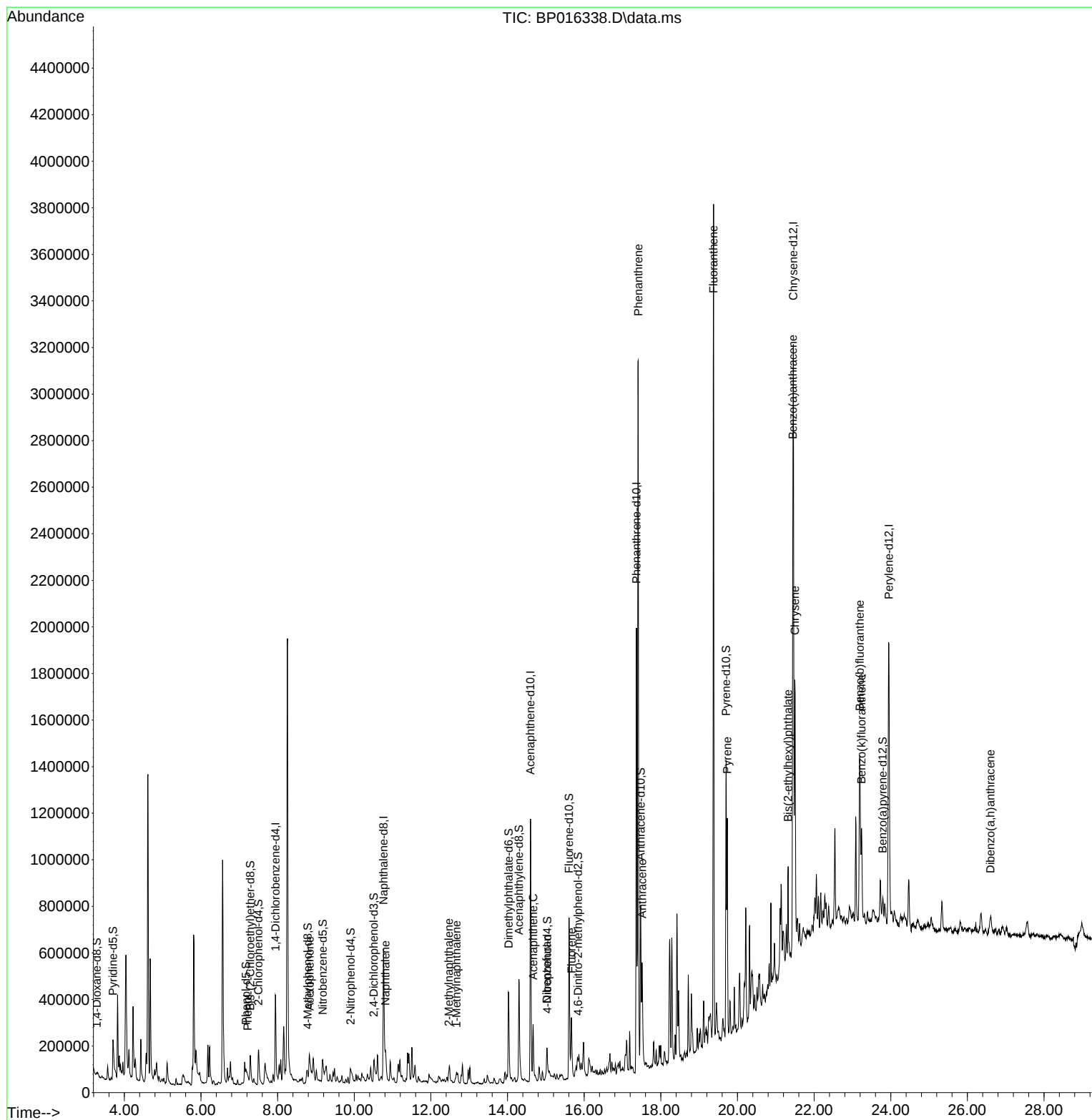
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Operator : MA/JU
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 ALS Vial : 21 Sample Multiplier: 1

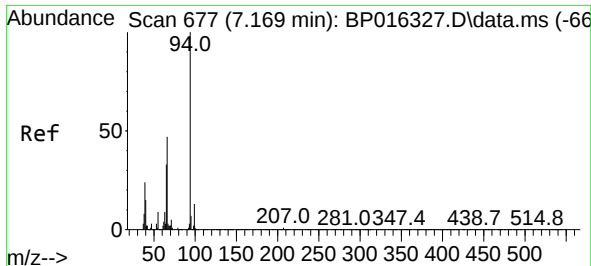
Instrument :
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 ClientSampleId :
 A46R5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

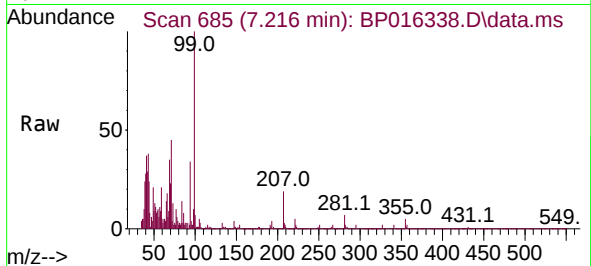
Quant Time: Jul 20 00:32:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration





#8
Phenol
Concen: 1.308 ng/ul m
RT: 7.216 min Scan# 60
Delta R.T. 0.059 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

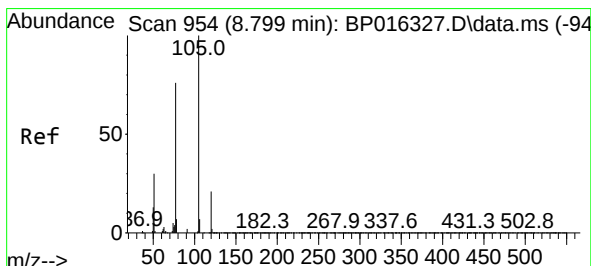
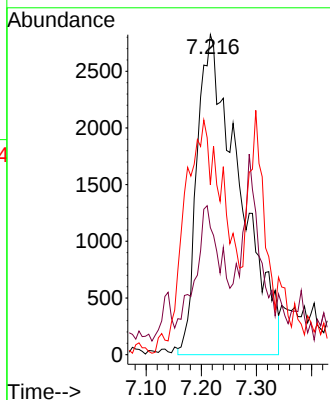
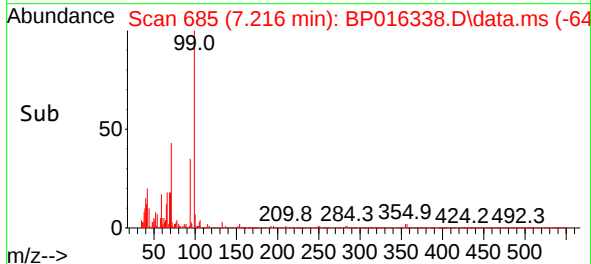
Instrument :
BNA_P
ClientSampleId :
A46R5



Tgt Ion: 94 Resp: 15120
Ion Ratio Lower Upper
94 100
65 39.7 25.5 38.3
66 53.1 32.7 49.1

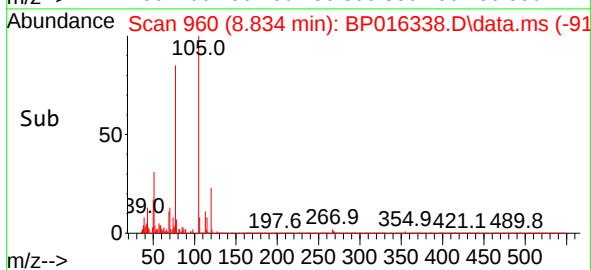
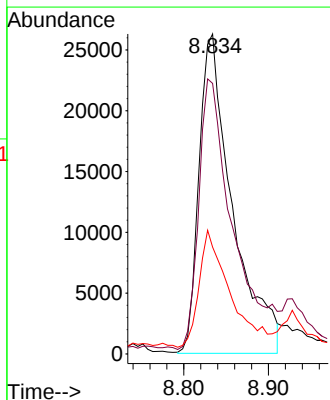
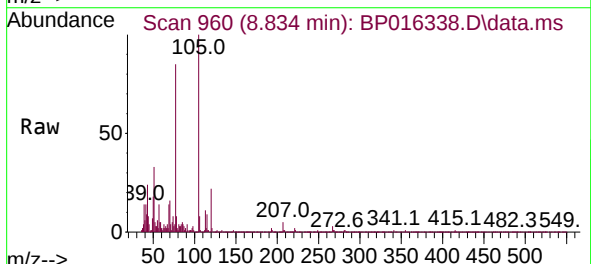
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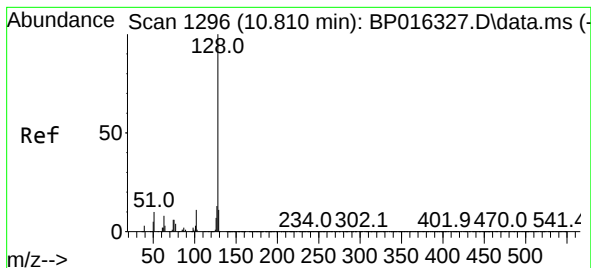
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#16
Acetophenone
Concen: 5.022 ng/ul m
RT: 8.834 min Scan# 960
Delta R.T. 0.041 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Tgt Ion:105 Resp: 71915
Ion Ratio Lower Upper
105 100
77 84.6 70.2 105.2
51 33.4 26.3 39.5





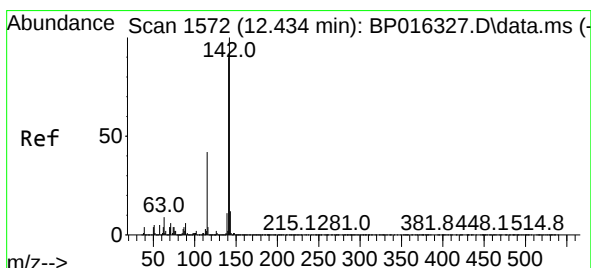
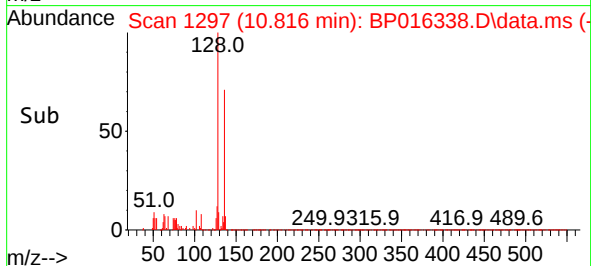
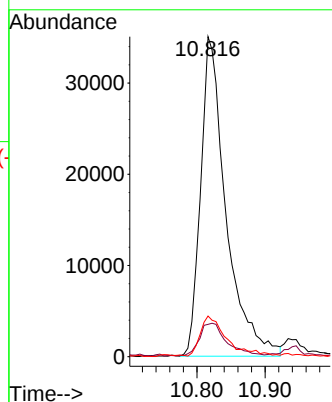
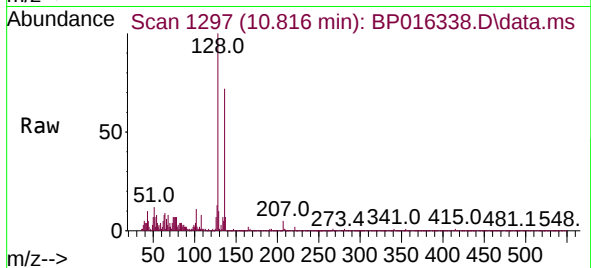
#30
Naphthalene
Concen: 2.989 ng/ul
RT: 10.816 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A46R5

Tgt Ion:128 Resp: 9055
Ion Ratio Lower Upper
128 100
129 10.1 8.9 13.3
127 12.7 10.9 16.3

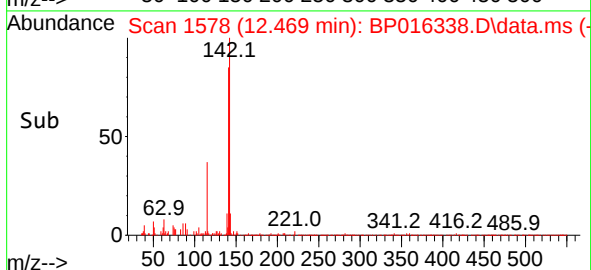
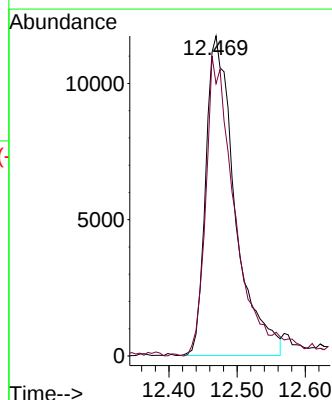
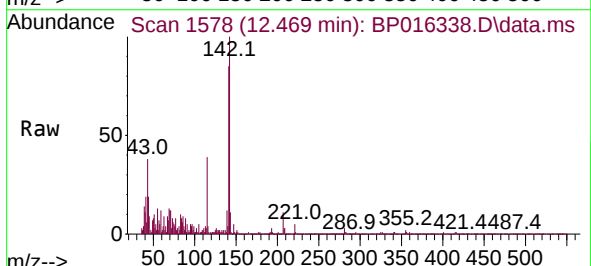
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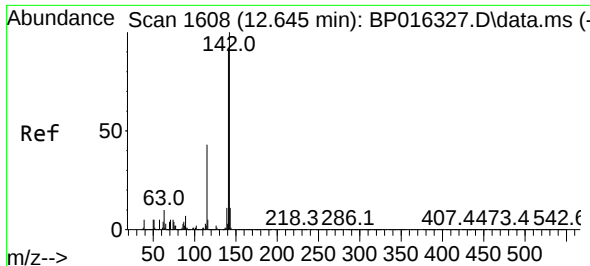
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#36
2-Methylnaphthalene
Concen: 1.729 ng/ul
RT: 12.469 min Scan# 1578
Delta R.T. 0.041 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

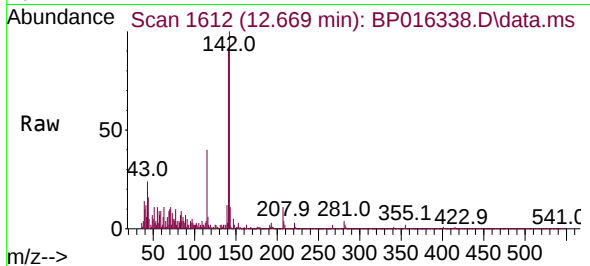
Tgt Ion:142 Resp: 35114
Ion Ratio Lower Upper
142 100
141 85.1 71.9 107.9





#37
1-Methylnaphthalene
Concen: 1.296 ng/ul
RT: 12.669 min Scan# 1612
Delta R.T. 0.024 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

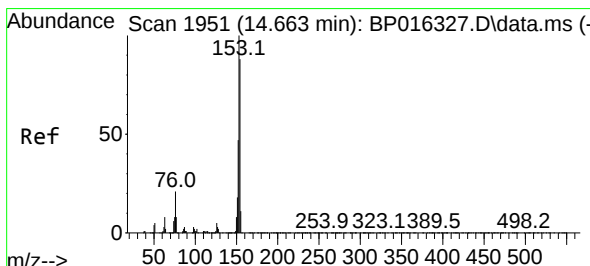
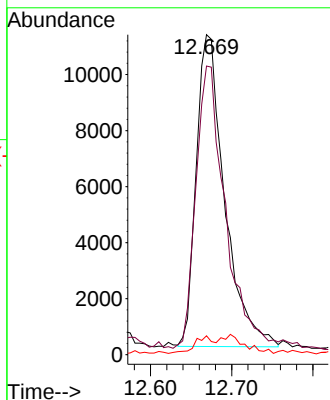
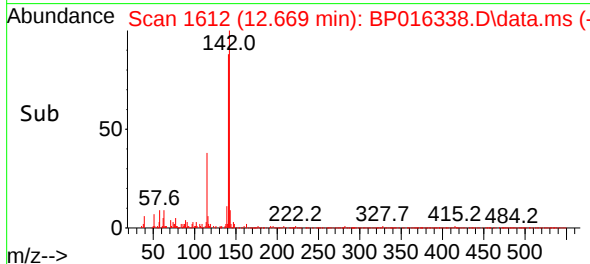
Instrument :
BNA_P
ClientSampleId :
A46R5



Tgt Ion:142 Resp: 27078
Ion Ratio Lower Upper
142 100
141 90.2 73.9 110.9
116 5.9 3.4 5.2

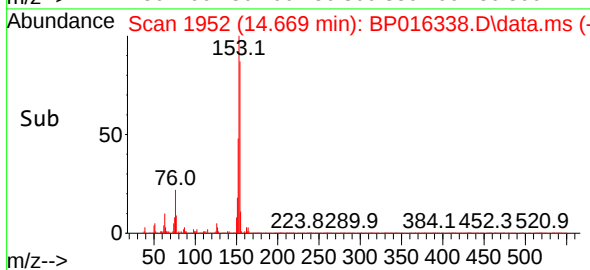
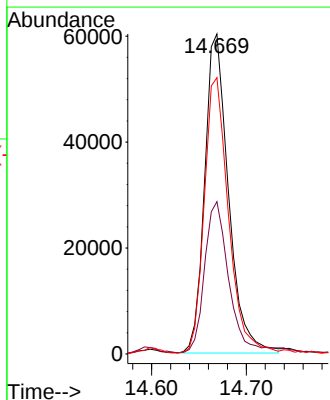
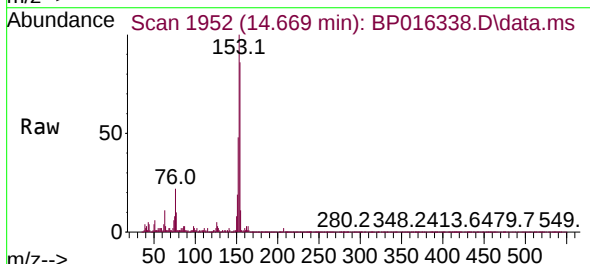
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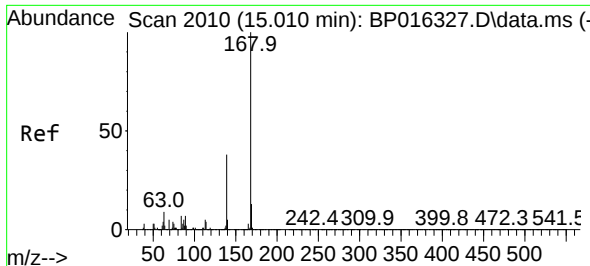
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#52
Acenaphthene
Concen: 4.163 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

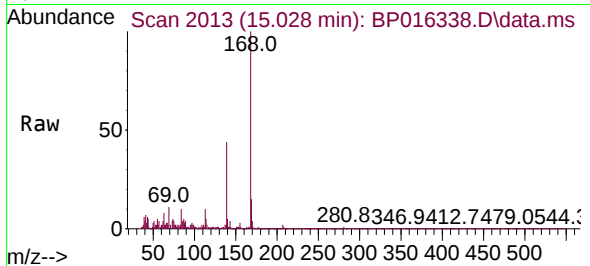
Tgt Ion:153 Resp: 105289
Ion Ratio Lower Upper
153 100
152 47.6 37.9 56.9
154 86.3 69.3 103.9





#56
Dibenzenofuran
Concen: 2.658 ng/ul
RT: 15.028 min Scan# 2013
Delta R.T. 0.024 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

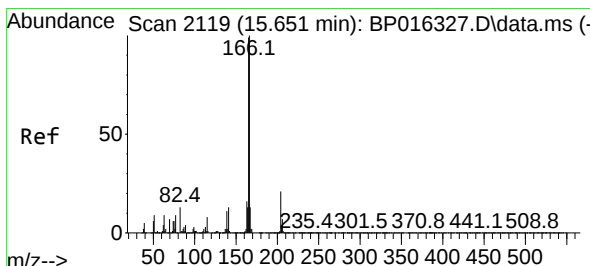
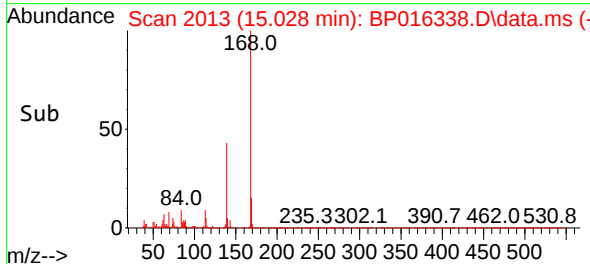
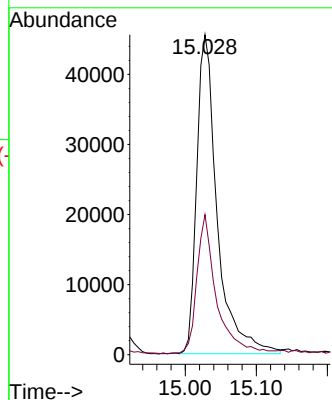
Instrument :
BNA_P
ClientSampleId :
A46R5



Tgt Ion:168 Resp: 91579
Ion Ratio Lower Upper
168 100
139 43.8 30.6 45.8

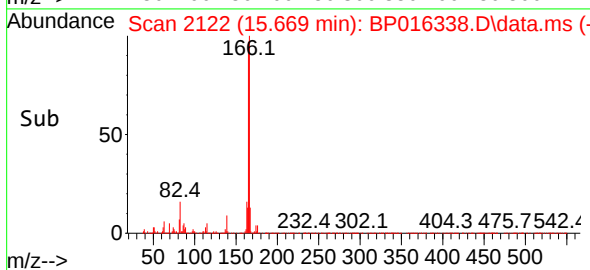
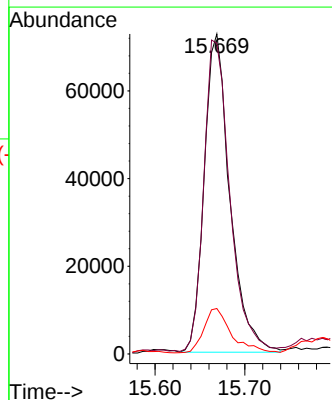
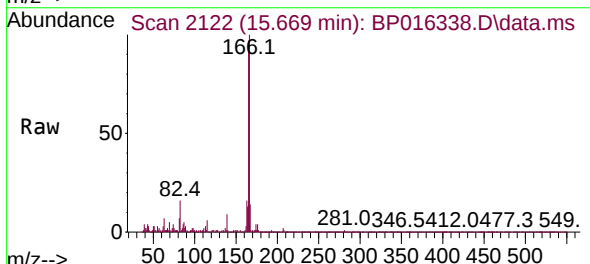
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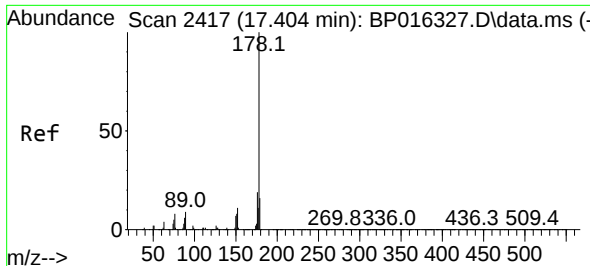
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#61
Fluorene
Concen: 5.012 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.018 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Tgt Ion:166 Resp: 144243
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 14.2 11.0 16.4





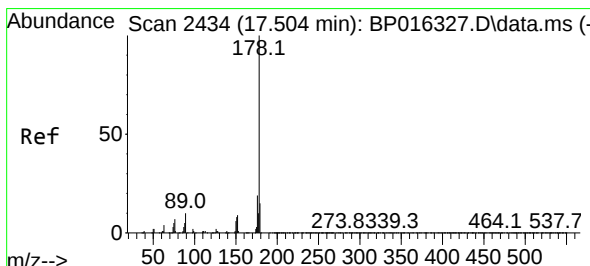
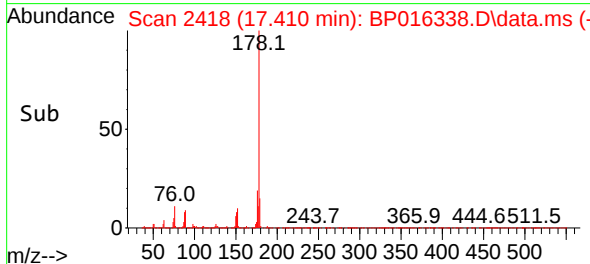
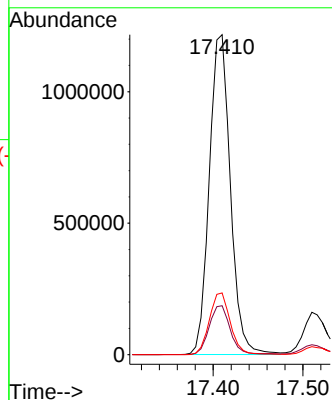
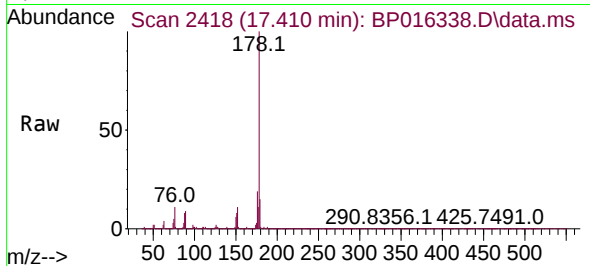
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Phenanthrene
Concen: 34.749 ng/ul
RT: 17.410 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A46R5

Tgt Ion:178 Resp: 1986999
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.3 15.6 23.4

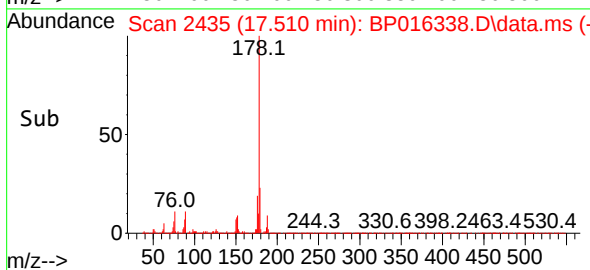
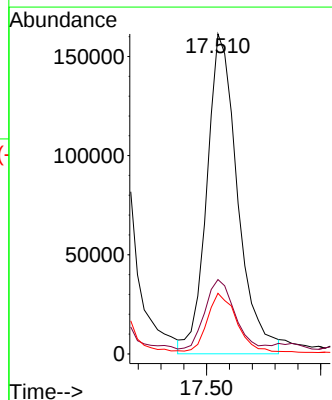
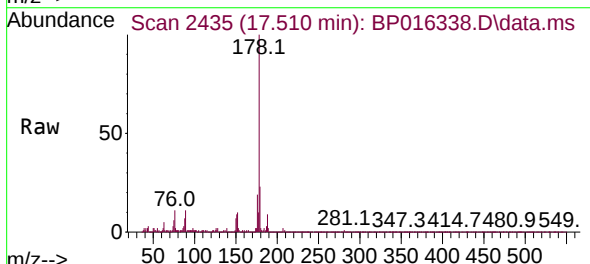
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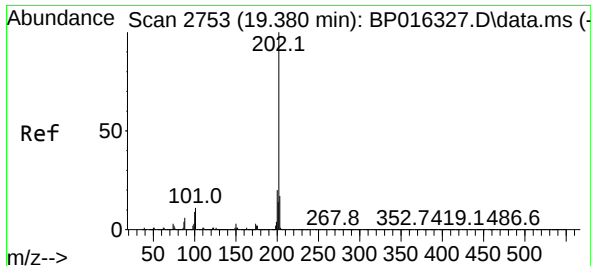
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#74
Anthracene
Concen: 5.256 ng/ul m
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

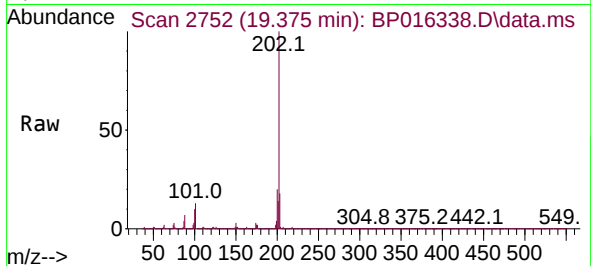
Tgt Ion:178 Resp: 302016
Ion Ratio Lower Upper
178 100
179 23.2 11.9 17.9#
176 18.9 15.0 22.4





#80
Fluoranthene
Concen: 32.269 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

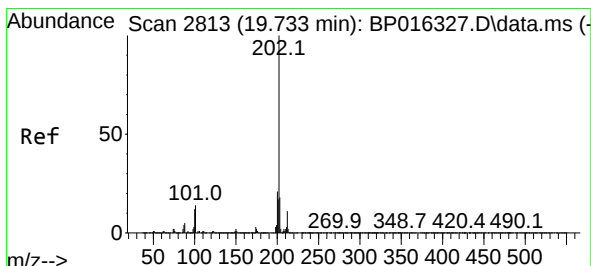
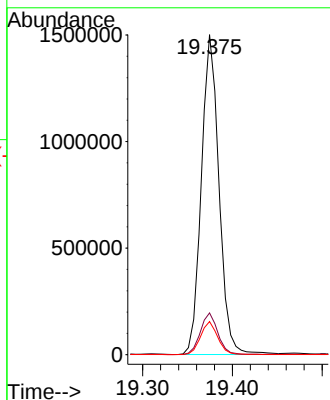
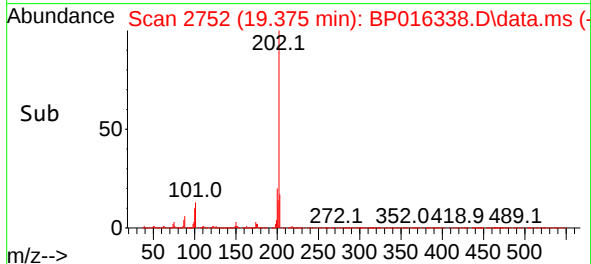
Instrument :
BNA_P
ClientSampleId :
A46R5



Tgt Ion:202 Resp: 204884
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 10.4 8.2 12.4

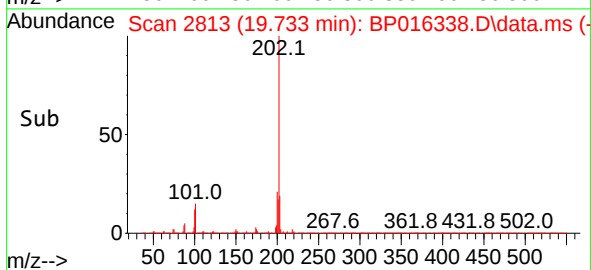
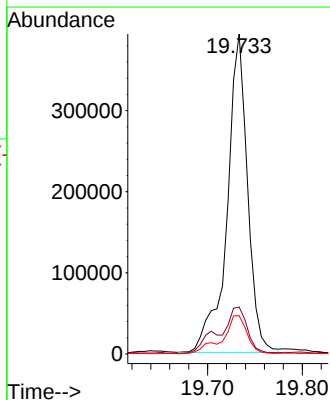
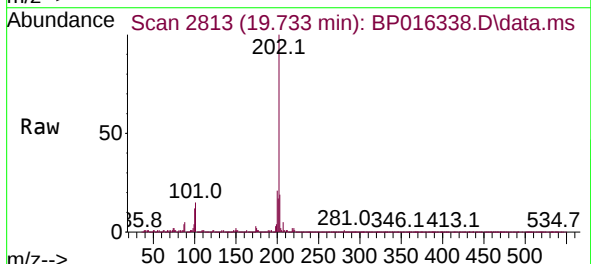
Manual Integrations
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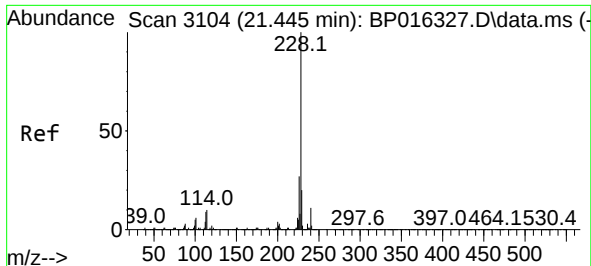
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#82
Pyrene
Concen: 8.714 ng/ul
RT: 19.733 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

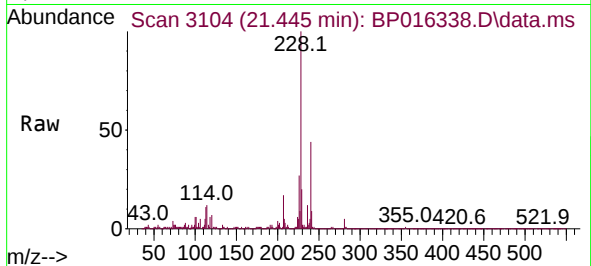
Tgt Ion:202 Resp: 590693
Ion Ratio Lower Upper
202 100
101 14.6 12.4 18.6
100 12.0 10.5 15.7





#85
Benzo(a)anthracene
Concen: 11.183 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

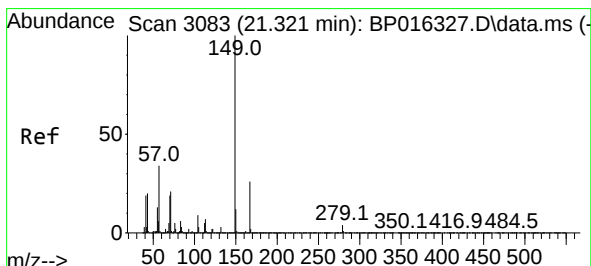
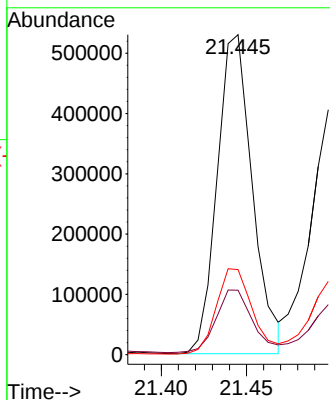
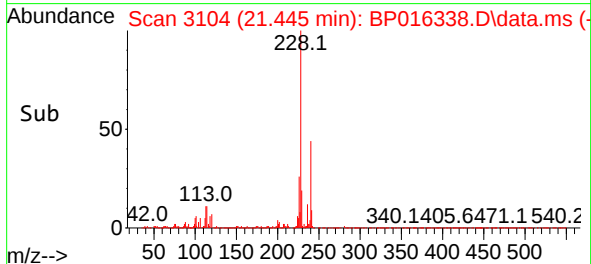
Instrument :
BNA_P
ClientSampleId :
A46R5



Tgt Ion:228 Resp: 762010
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 26.6 21.5 32.3

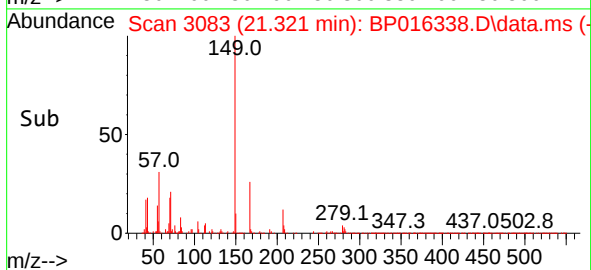
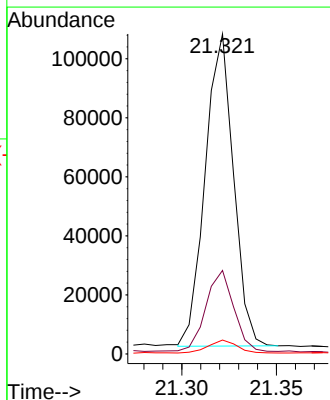
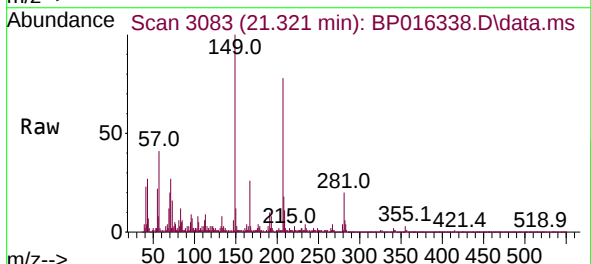
Manual Integrations
APPROVED

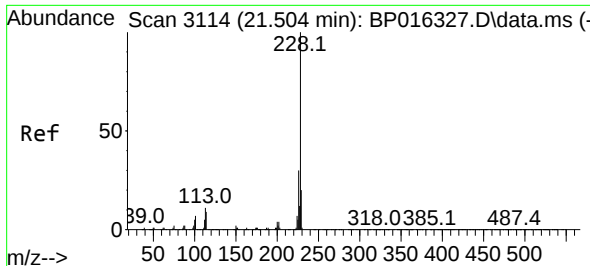
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.519 ng/ul
RT: 21.321 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Tgt Ion:149 Resp: 110016
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 4.3 3.0 4.6





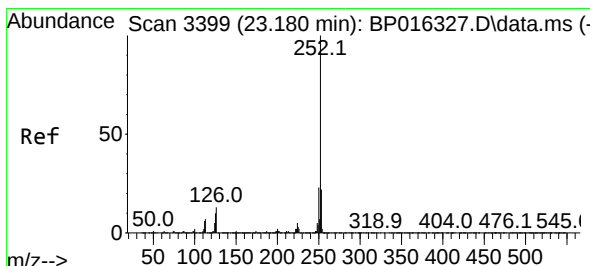
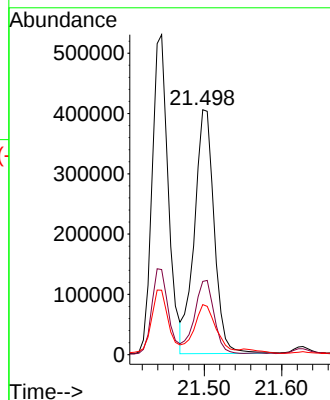
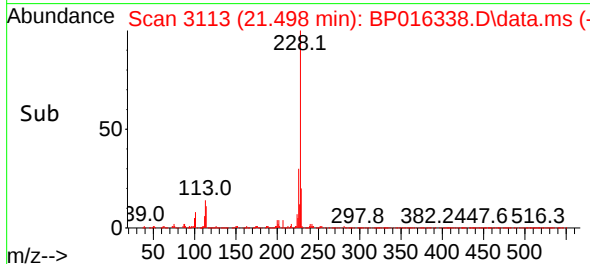
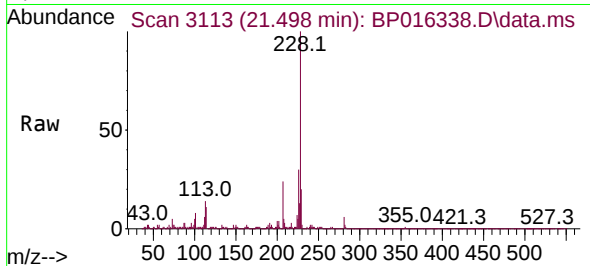
#87
Chrysene
Concen: 10.382 ng/ul
RT: 21.498 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A46R5

Tgt Ion:228 Resp: 716609
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.4 15.5 23.3

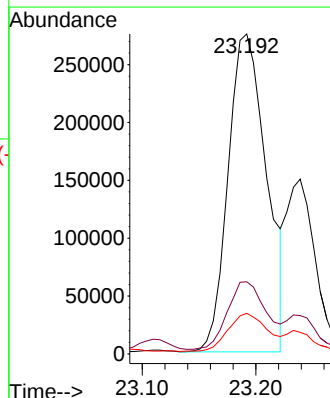
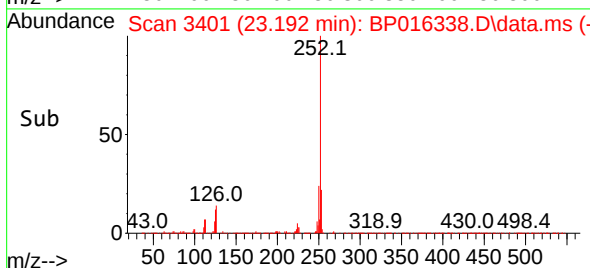
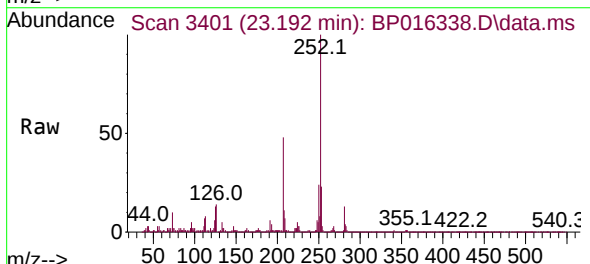
Manual Integrations
APPROVED

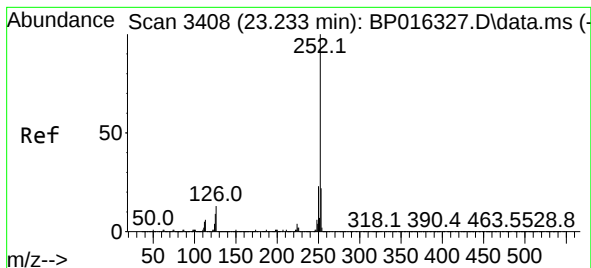
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#90
Benzo(b)fluoranthene
Concen: 10.856 ng/ul
RT: 23.192 min Scan# 3401
Delta R.T. 0.012 min
Lab File: BP016338.D
Acq: 19 Jul 2023 23:17

Tgt Ion:252 Resp: 646053
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 12.7 9.4 14.0





#91

Benzo(k)fluoranthene

Concen: 4.204 ng/ul

RT: 23.239 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BP016338.D

Acq: 19 Jul 2023 23:17

Instrument :

BNA_P

ClientSampleId :

A46R5

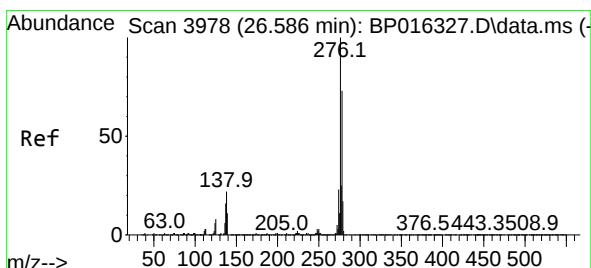
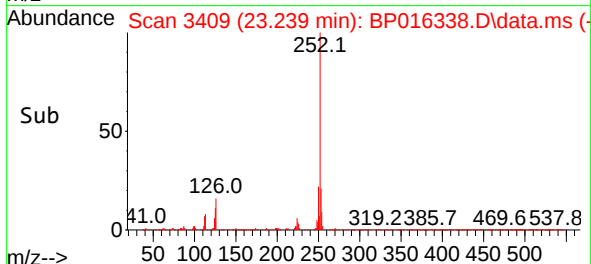
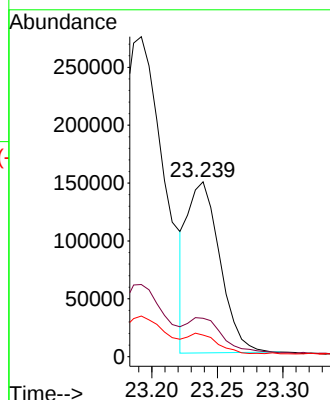
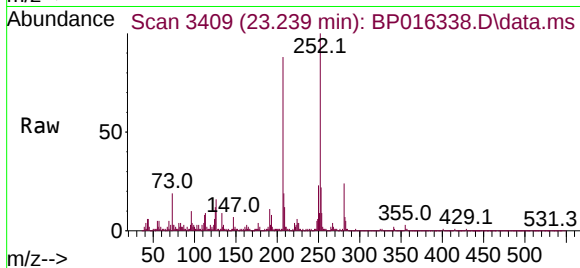
Tgt Ion:252 Resp: 254579
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 12.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.027 ng/ul

RT: 26.604 min Scan# 3981

Delta R.T. 0.024 min

Lab File: BP016338.D

Acq: 19 Jul 2023 23:17

Tgt Ion:278 Resp: 61168
 Ion Ratio Lower Upper
 278 100
 139 17.0 13.9 20.9
 279 24.3 18.2 27.4

