

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017415.D
 Acq On : 28 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04417-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYF0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/02/2023

Quant Time: Sep 28 23:12:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 15:31:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	207603	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	897330	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	542493	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1138318	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	953884	20.000	ng/u1	# 0.00
88) Perylene-d12	24.198	264	1191021m	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	24599	4.867	ng/uL	0.00
4) Pyridine-d5	3.740	84	320767	22.701	ng/u1	0.00
7) Phenol-d5	7.116	99	460041	26.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	316284	30.738	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	324154	23.970	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	349831	26.391	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	209345	32.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	141773	20.127	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	196758	14.785	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	241129	12.508	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	1170814	30.127	ng/u1	0.00
49) Acenaphthylene-d8	14.351	160	1343096	30.049	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	3644	0.538	ng/u1	0.04
60) Fluorene-d10	15.657	176	1023762	30.599	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	2024	0.315	ng/u1	0.00
73) Anthracene-d10	17.545	188	1560141	30.903	ng/u1	0.00
81) Pyrene-d10	19.798	212	1668552	32.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1684093m	29.368	ng/u1	0.05
Target Compounds						
					Qvalue	
80) Fluoranthene	19.463	202	157202	2.613	ng/u1#	94
82) Pyrene	19.827	202	353688	5.531	ng/u1	97
85) Benzo(a)anthracene	21.563	228	93129	1.447	ng/u1#	35
86) Bis(2-ethylhexyl)phtha...	21.439	149	99157	3.028	ng/u1#	70
87) Chrysene	21.598	228	279780m	4.618	ng/u1	
90) Benzo(b)fluoranthene	23.380	252	259991m	3.702	ng/u1	
91) Benzo(k)fluoranthene	23.427	252	92063m	1.299	ng/u1	
93) Benzo(a)pyrene	24.080	252	180126m	2.681	ng/u1	
94) Indeno(1,2,3-cd)pyrene	27.004	276	171118m	2.032	ng/u1	
96) Benzo(g,h,i)perylene	27.892	276	406756m	5.989	ng/u1	

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

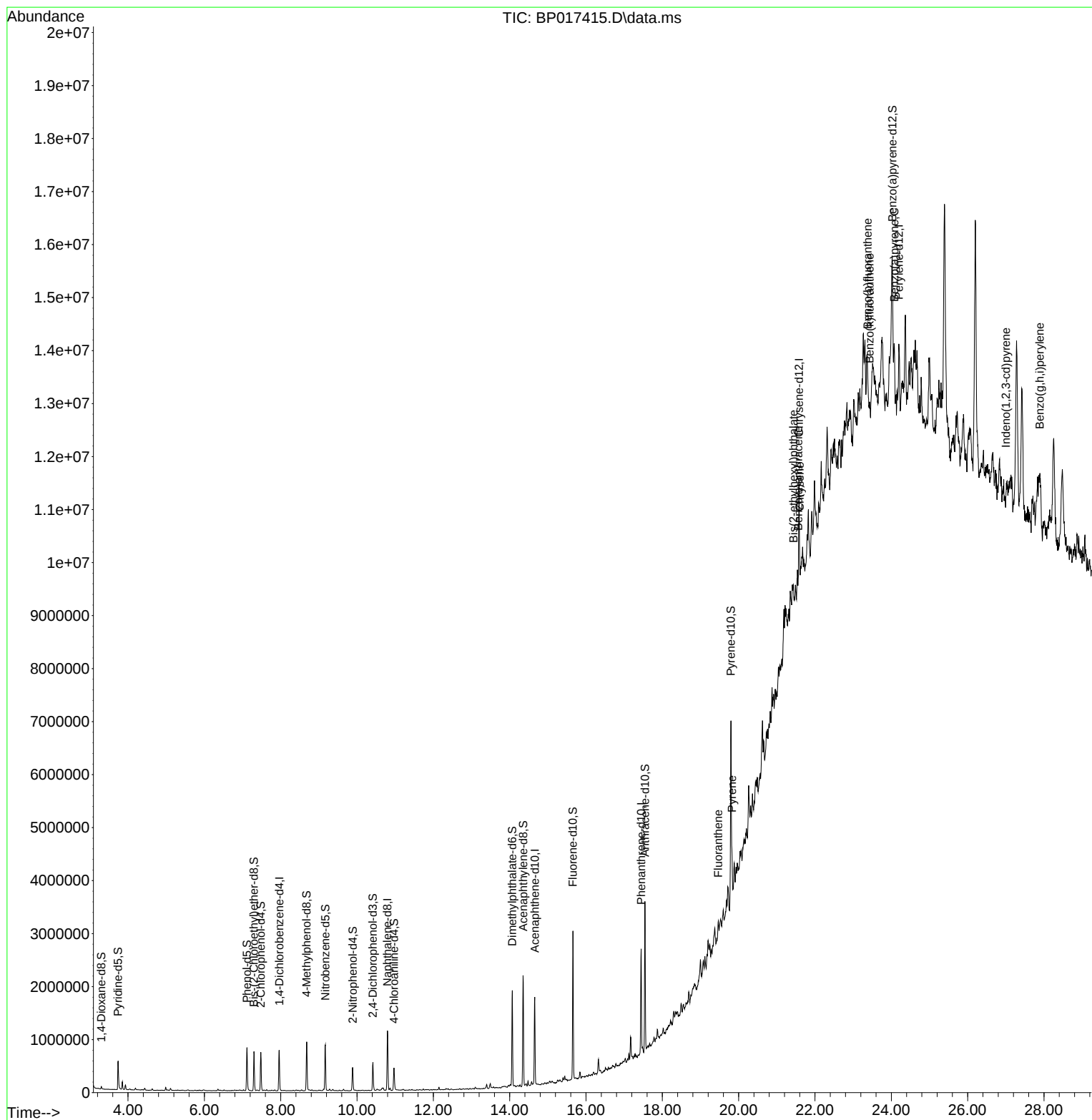
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017415.D
Acq On : 28 Sep 2023 15:49
Operator : MA/JU
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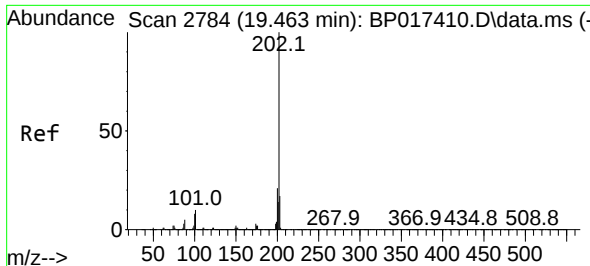
Instrument :
BNA_P
ClientSampleId :
EZYF0

Quant Time: Sep 28 23:12:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 15:31:53 2023
Response via : Initial Calibration

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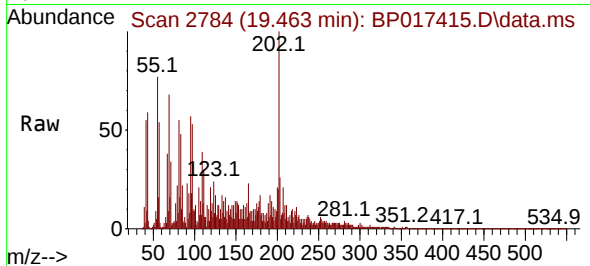
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023





#80
Fluoranthene
Concen: 2.613 ng/u1
RT: 19.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

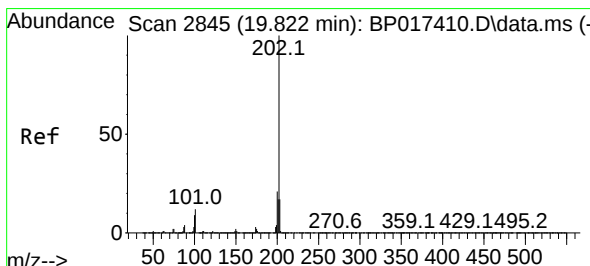
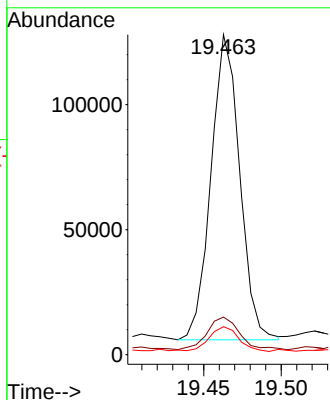
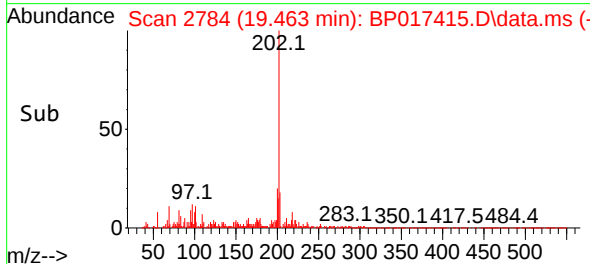
Instrument :
BNA_P
ClientSampleId :
EZYF0



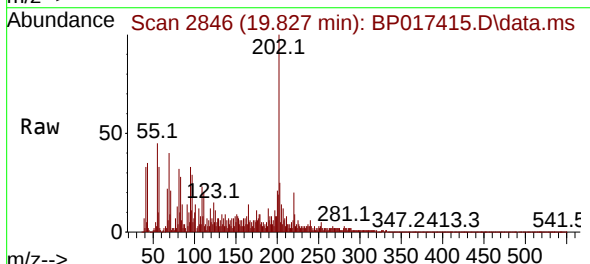
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Ion Ratio Lower Upper
202 100
101 14.2 8.4 12.6
100 8.7 6.6 10.0

Manual Integrations
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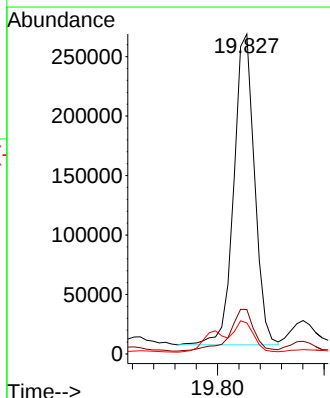
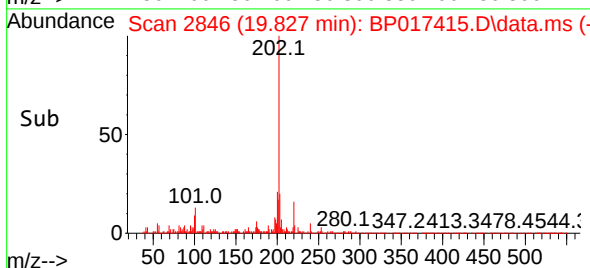
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

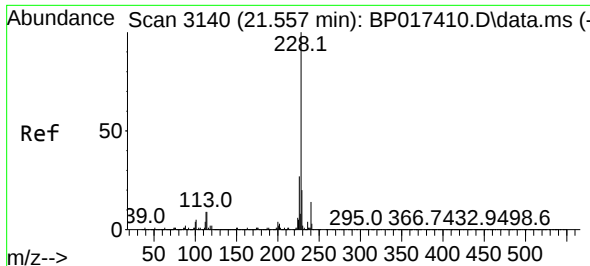


#82
Pyrene
Concen: 5.531 ng/u1
RT: 19.827 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49



Tgt Ion:202 Resp: 353688
Ion Ratio Lower Upper
202 100
101 13.9 9.8 14.8
100 9.7 8.1 12.1





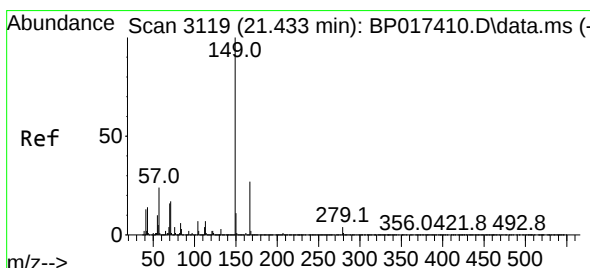
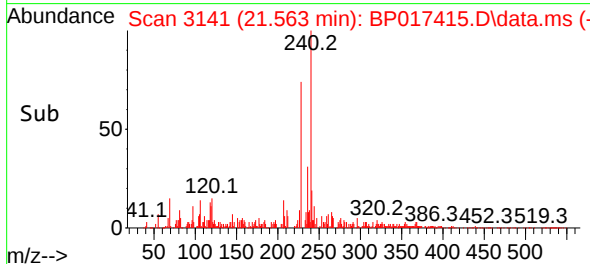
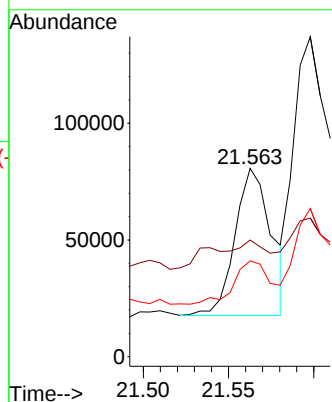
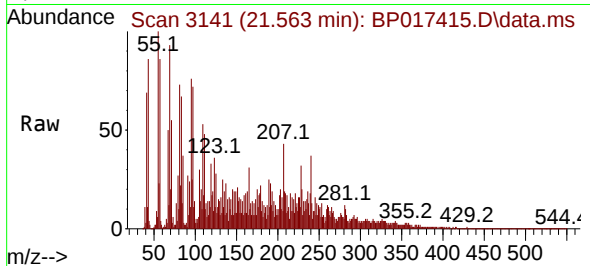
#85
Benzo(a)anthracene
Concen: 1.447 ng/ul
RT: 21.563 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

Instrument :
BNA_P
ClientSampleId :
EZYF0

Tgt Ion:228 Resp: 93129
Ion Ratio Lower Upper
228 100
229 62.0 15.8 23.6#
226 50.9 21.8 32.8#

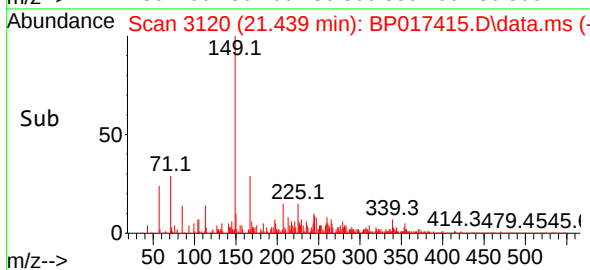
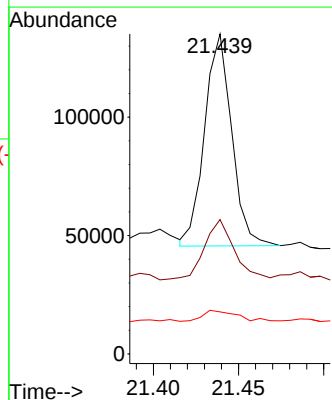
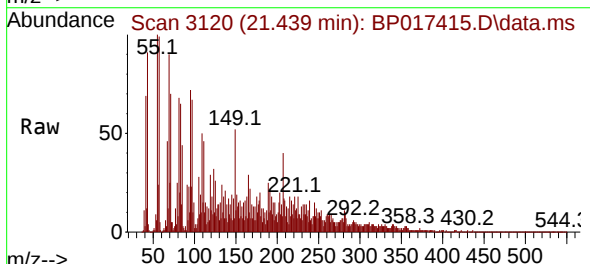
Manual Integrations
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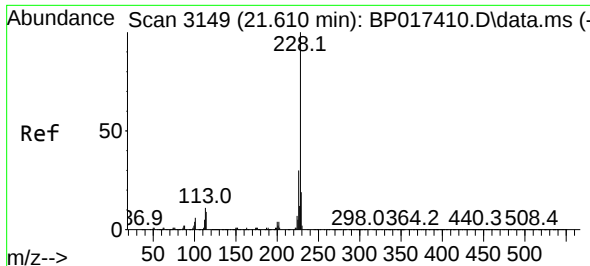
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.028 ng/ul
RT: 21.439 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

Tgt Ion:149 Resp: 99157
Ion Ratio Lower Upper
149 100
167 42.0 21.0 31.6#
279 13.2 3.0 4.4#





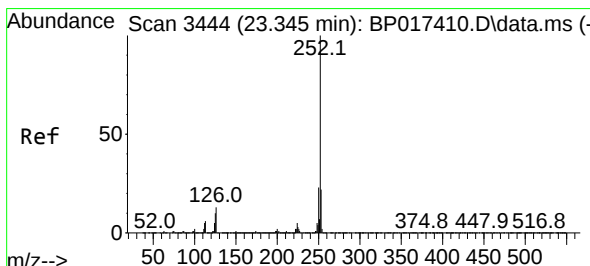
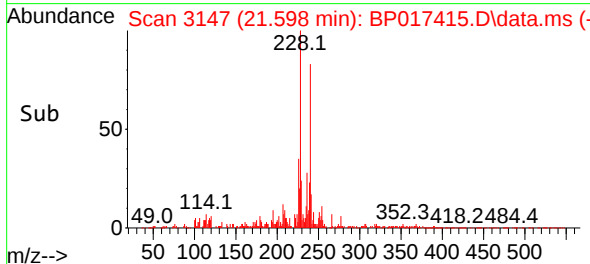
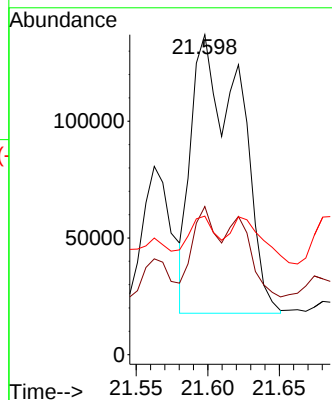
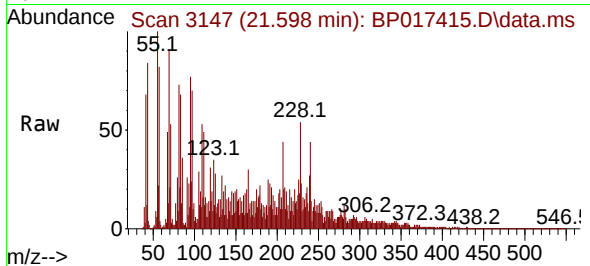
#87
Chrysene
Concen: 4.618 ng/ul m
RT: 21.598 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

Instrument :
BNA_P
ClientSampleId :
EZYF0

Tgt Ion:228 Resp: 279780
Ion Ratio Lower Upper
228 100
226 46.3 24.1 36.1#
229 43.3 15.0 22.6#

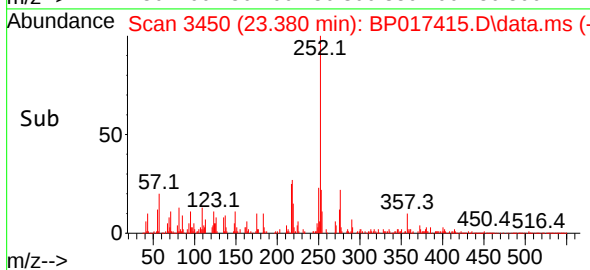
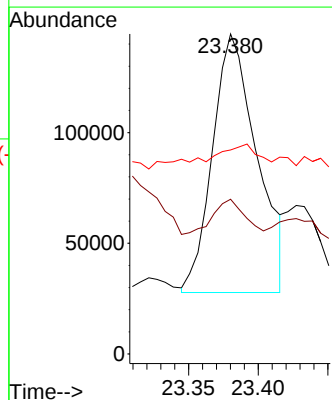
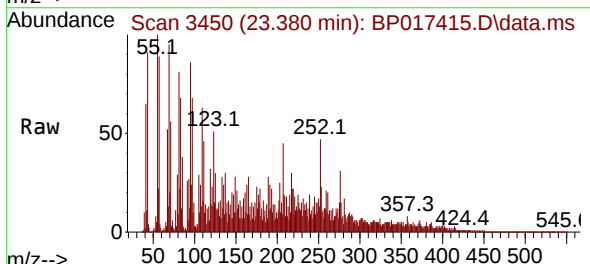
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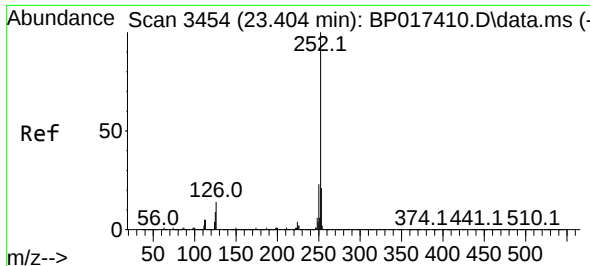
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#90
Benzo(b)fluoranthene
Concen: 3.702 ng/ul m
RT: 23.380 min Scan# 3450
Delta R.T. 0.035 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

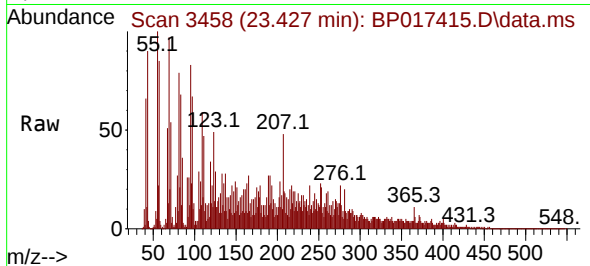
Tgt Ion:252 Resp: 259991
Ion Ratio Lower Upper
252 100
253 48.3 17.4 26.0#
125 63.8 7.8 11.8#





#91
Benzo(k)fluoranthene
Concen: 1.299 ng/ul m
RT: 23.427 min Scan# 3454
Delta R.T. 0.023 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

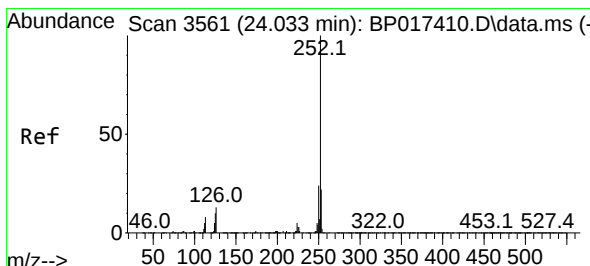
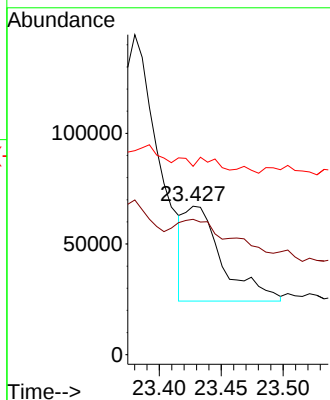
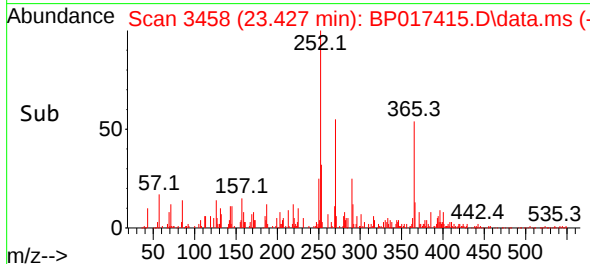
Instrument :
BNA_P
ClientSampleId :
EZYF0



Tgt Ion:252 Resp: 92063
Ion Ratio Lower Upper
252 100
253 91.2 17.9 26.9#
125 126.9 7.8 11.6#

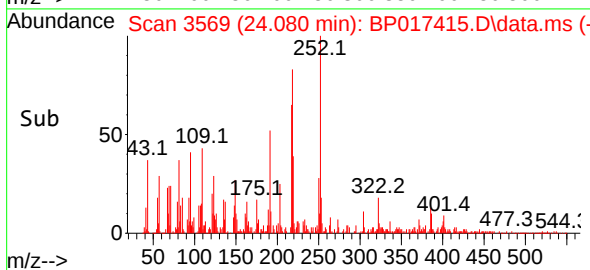
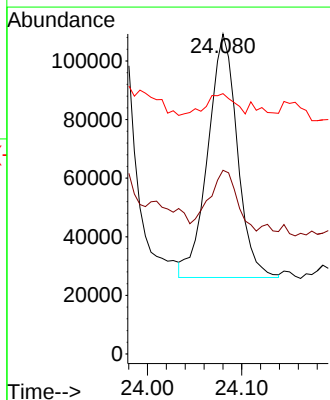
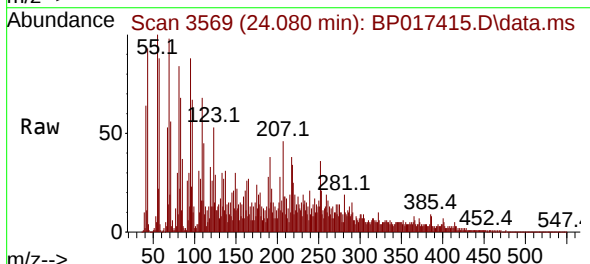
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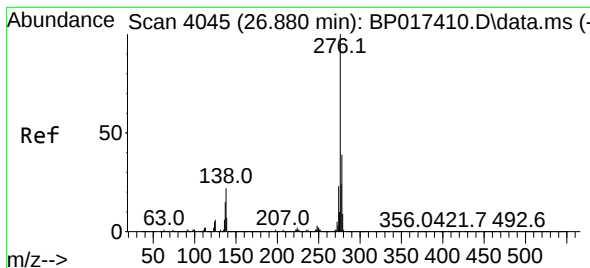
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#93
Benzo(a)pyrene
Concen: 2.681 ng/ul m
RT: 24.080 min Scan# 3569
Delta R.T. 0.047 min
Lab File: BP017415.D
Acq: 28 Sep 2023 15:49

Tgt Ion:252 Resp: 180126
Ion Ratio Lower Upper
252 100
253 57.4 17.4 26.0#
125 81.4 8.9 13.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.032 ng/ul m

RT: 27.004 min Scan# 4045

Delta R.T. 0.123 min

Lab File: BP017415.D

Acq: 28 Sep 2023 15:49

Instrument :

BNA_P

ClientSampleId :

EZYF0

Tgt Ion:276 Resp: 171118

Ion Ratio Lower Upper

276 100

138 46.7 17.9 26.9

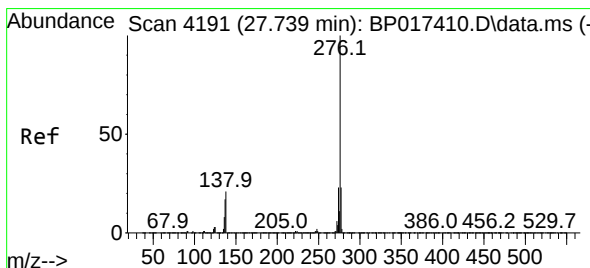
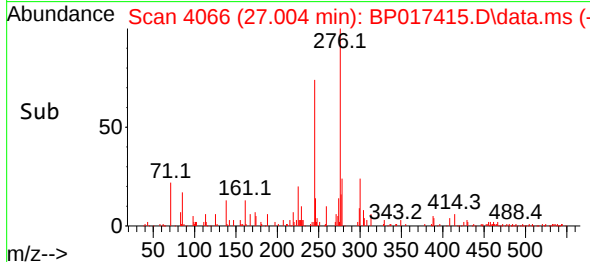
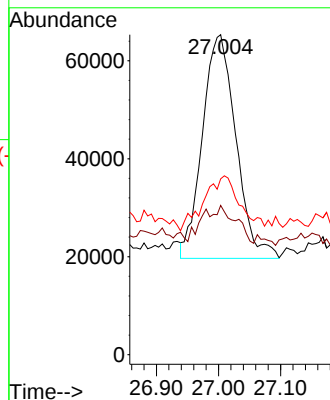
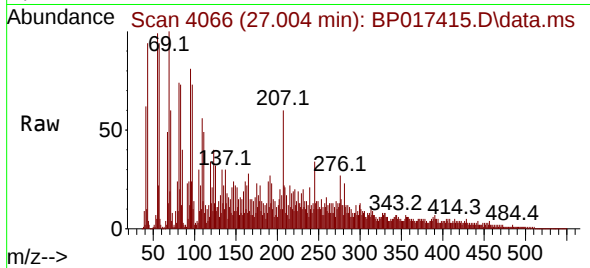
277 54.9 19.5 29.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/02/2023



#96

Benzo(g,h,i)perylene

Concen: 5.989 ng/ul m

RT: 27.892 min Scan# 4217

Delta R.T. 0.153 min

Lab File: BP017415.D

Acq: 28 Sep 2023 15:49

Tgt Ion:276 Resp: 406756

Ion Ratio Lower Upper

276 100

138 32.5 17.3 25.9#

277 42.0 18.8 28.2#

