

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017427.D
 Acq On : 28 Sep 2023 23:10
 Operator : MA/JU
 Sample : 04417-39
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYE6

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 00:10:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 23:22:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	123892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	503241	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	306805	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	669556	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	596279	20.000	ng/u1	# 0.00
88) Perylene-d12	24.174	264	724550	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	19253	6.383	ng/uL	0.00
4) Pyridine-d5	3.740	84	76351	9.054	ng/u1	0.00
7) Phenol-d5	7.116	99	397443	39.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	232859	37.921	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	328293	40.679	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	312043	39.445	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	157799	43.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	161549	40.895	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	309534	41.474	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	317227	29.342	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	924064	42.044	ng/u1	0.00
49) Acenaphthylene-d8	14.351	160	1123407	44.442	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	72377	18.902	ng/u1	0.00
60) Fluorene-d10	15.657	176	841697	44.484	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	11020	2.920	ng/u1	-0.01
73) Anthracene-d10	17.545	188	1222963	41.184	ng/u1	0.00
81) Pyrene-d10	19.798	212	1459740	45.270	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1432407	41.061	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.822	105	18757	1.534	ng/u1#	93
30) Naphthalene	10.851	128	46583	1.778	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	27996	1.637	ng/u1	97
37) 1-Methylnaphthalene	12.687	142	19595	1.121	ng/u1#	99
56) Dibenzofuran	15.057	168	26848	1.004	ng/u1	98
69) Hexachlorobenzene	16.704	284	13553	1.736	ng/u1#	90
72) Phenanthrene	17.486	178	274067	7.815	ng/u1	98
80) Fluoranthene	19.469	202	529487	14.080	ng/u1	99
82) Pyrene	19.827	202	465170	11.636	ng/u1	99
85) Benzo(a)anthracene	21.563	228	260543	6.474	ng/u1#	94
87) Chrysene	21.621	228	389404m	10.282	ng/u1	
90) Benzo(b)fluoranthene	23.363	252	631993	14.794	ng/u1#	83
91) Benzo(k)fluoranthene	23.416	252	162557	3.772	ng/u1#	65
93) Benzo(a)pyrene	24.057	252	281609	6.890	ng/u1#	74
94) Indeno(1,2,3-cd)pyrene	26.921	276	325124	6.346	ng/u1	96
95) Dibenzo(a,h)anthracene	26.933	278	97828	2.293	ng/u1#	53
96) Benzo(g,h,i)perylene	27.780	276	305876	7.404	ng/u1	93

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

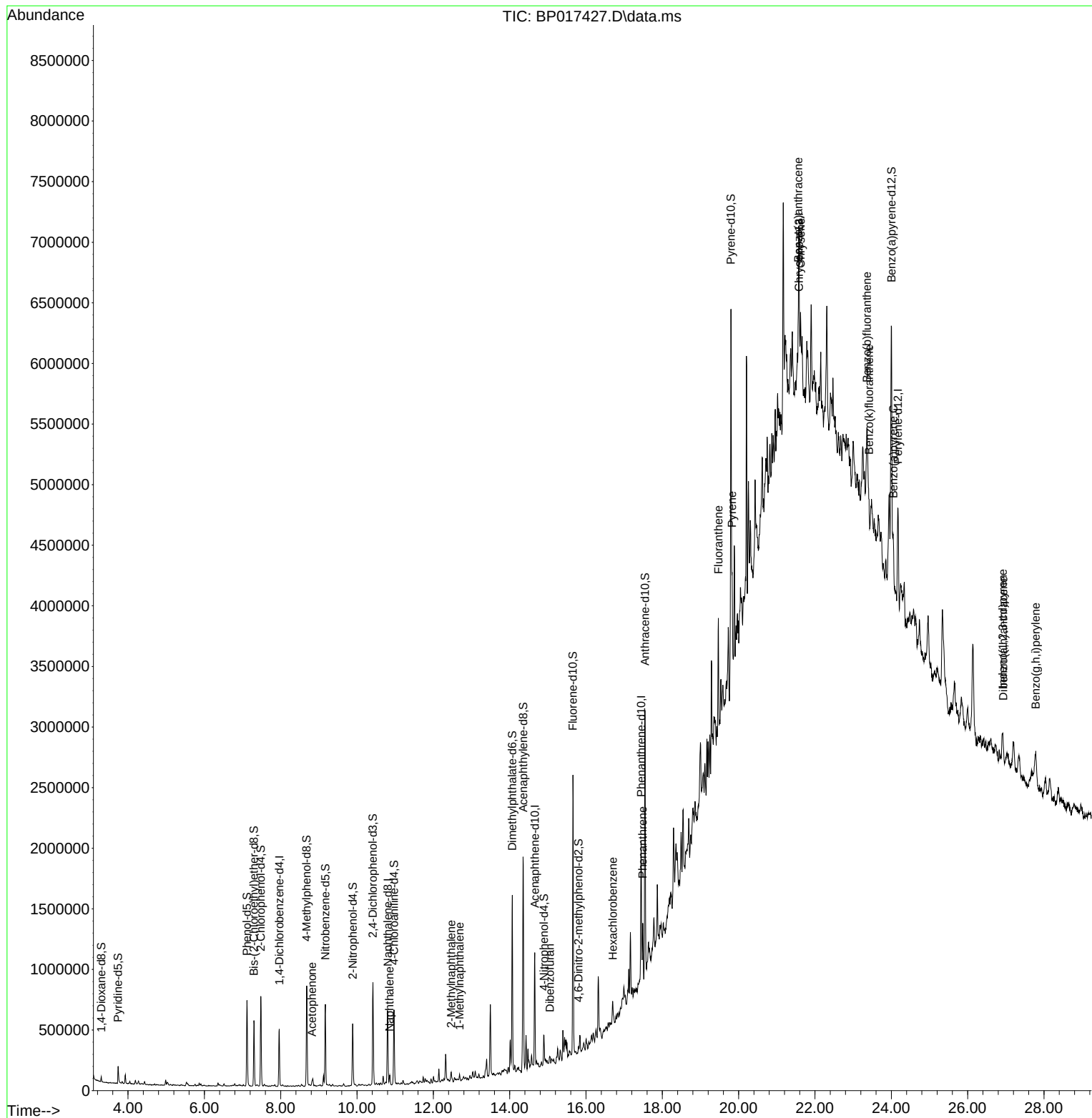
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017427.D
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 ALS Vial : 18 Sample Multiplier: 1

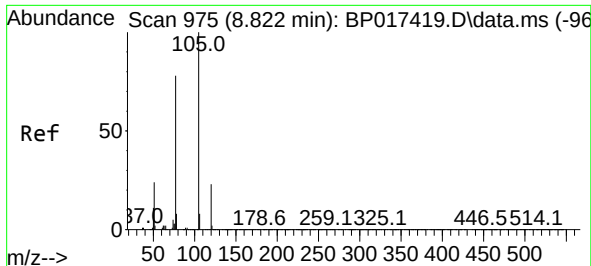
Instrument :
 BNA_P
 ClientSampleId :
 EYZE6

Quant Time: Sep 29 00:10:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 23:22:11 2023
 Response via : Initial Calibration

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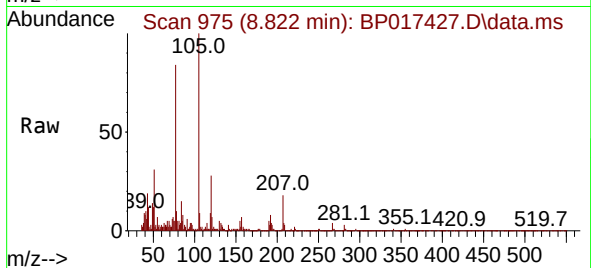
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/02/2023





#16
Acetophenone
Concen: 1.534 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

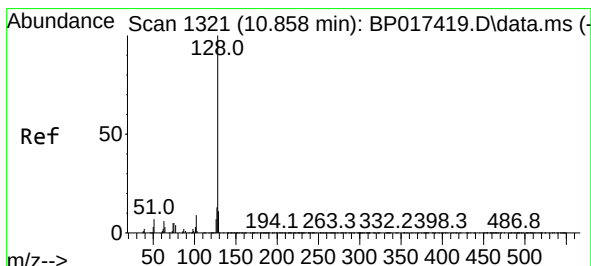
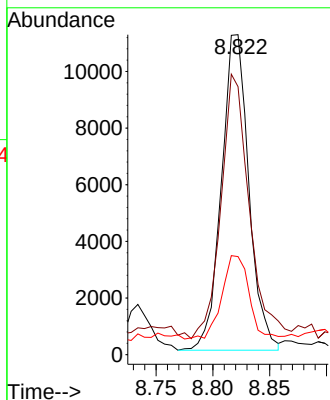
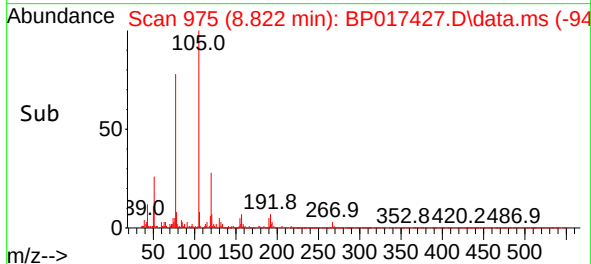
Instrument :
BNA_P
ClientSampleId :
EZY6



Tgt Ion:105 Resp: 1875
Ion Ratio Lower Upper
105 100
77 83.7 63.6 95.4
51 30.6 19.2 28.8

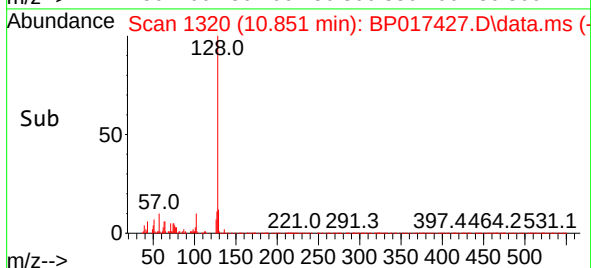
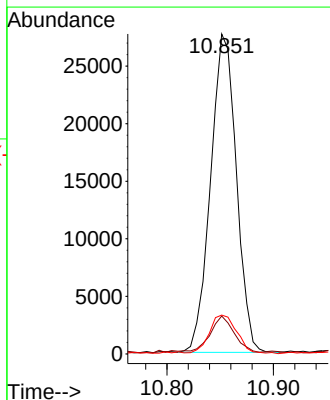
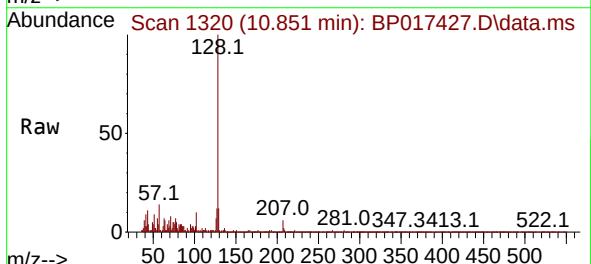
Manual Integrations
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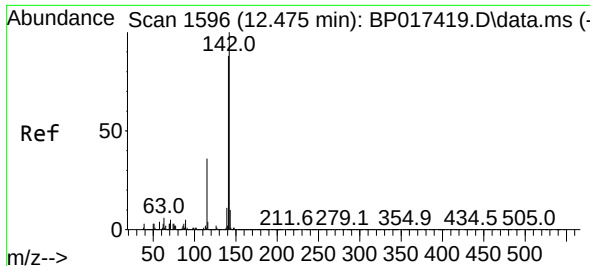
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#30
Naphthalene
Concen: 1.778 ng/ul
RT: 10.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

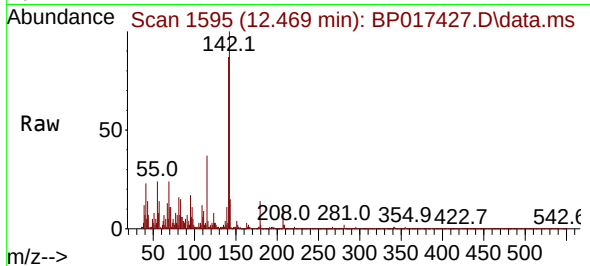
Tgt Ion:128 Resp: 46583
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 12.2 10.6 15.8





#36
2-Methylnaphthalene
Concen: 1.637 ng/ul
RT: 12.469 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

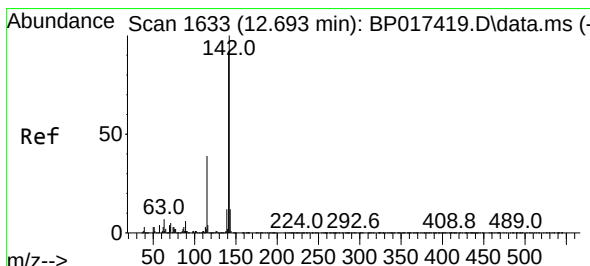
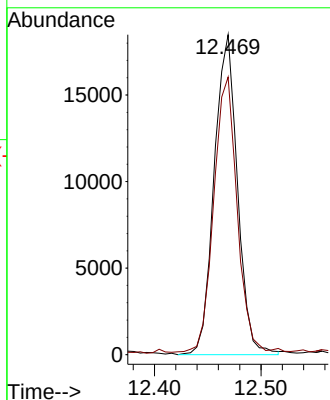
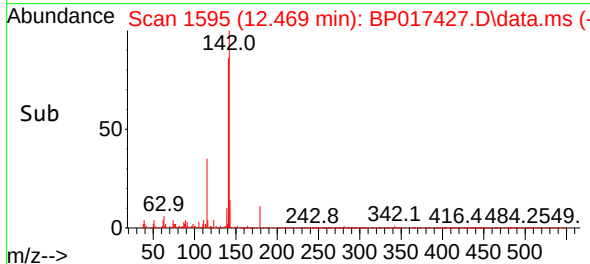
Instrument :
BNA_P
ClientSampleId :
EZY6



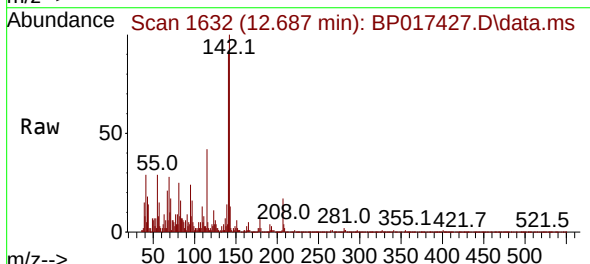
Tgt Ion:142 Resp: 27990
Ion Ratio Lower Upper
142 100
141 86.7 71.9 107.9

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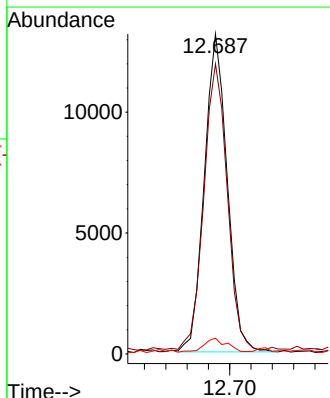
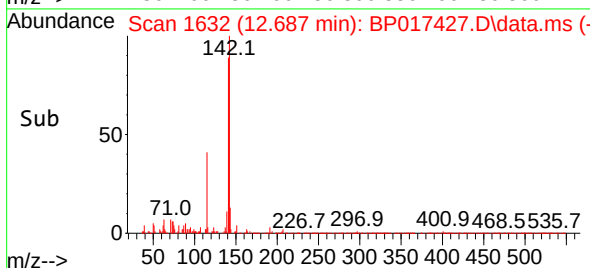
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

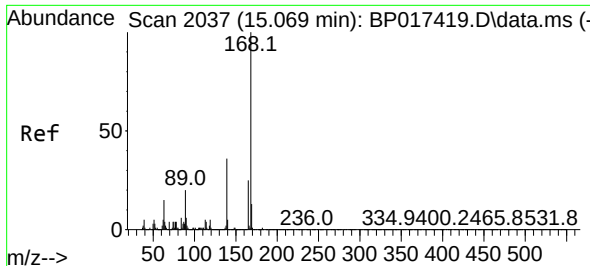


#37
1-Methylnaphthalene
Concen: 1.121 ng/ul
RT: 12.687 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10



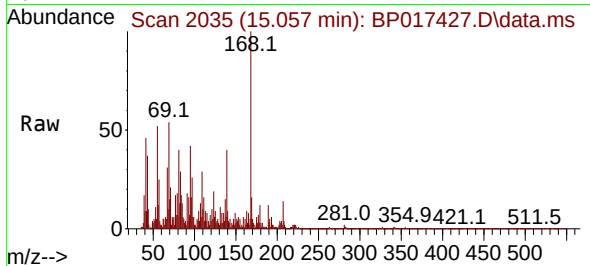
Tgt Ion:142 Resp: 19595
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2
116 4.9 3.1 4.7





#56
Dibenzenofuran
Concen: 1.004 ng/ul
RT: 15.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

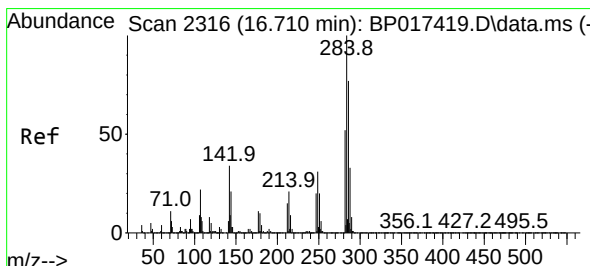
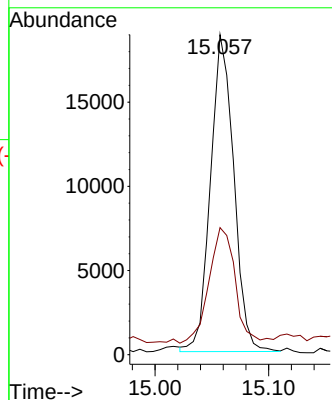
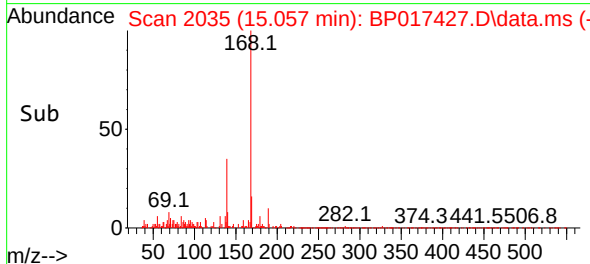
Instrument :
BNA_P
ClientSampleId :
EZY6



Tgt Ion:168 Resp: 2684
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8

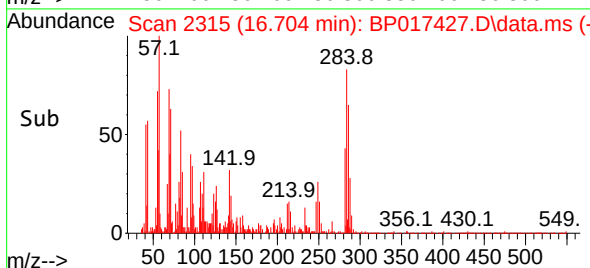
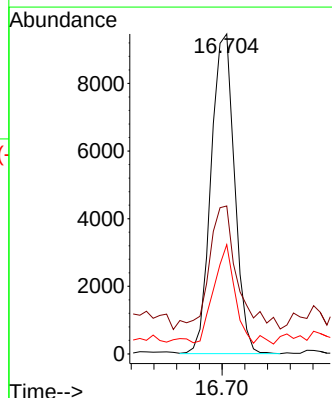
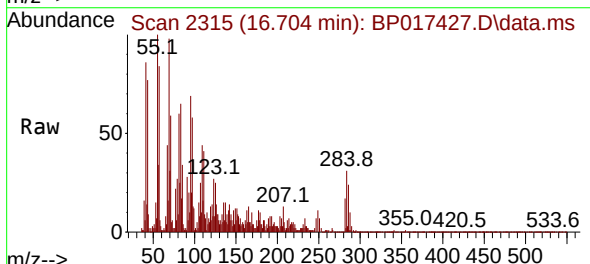
Manual Integrations
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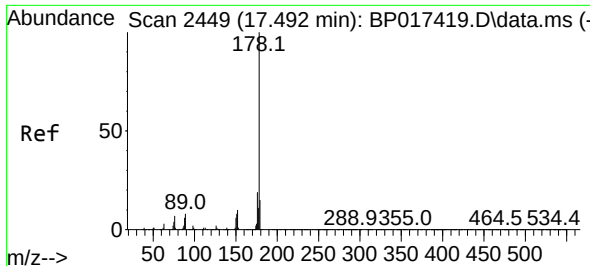
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#69
Hexachlorobenzene
Concen: 1.736 ng/ul
RT: 16.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

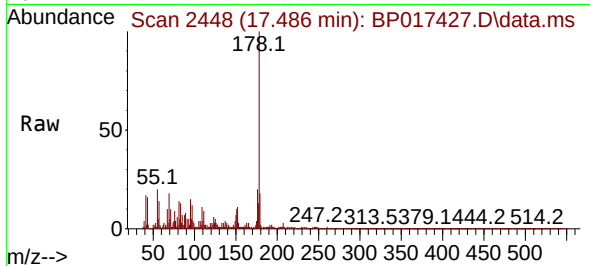
Tgt Ion:284 Resp: 13553
Ion Ratio Lower Upper
284 100
142 46.3 29.5 44.3#
249 34.2 25.7 38.5





#72
Phenanthrene
Concen: 7.815 ng/ul
RT: 17.486 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

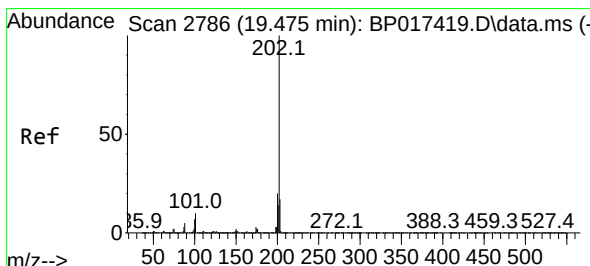
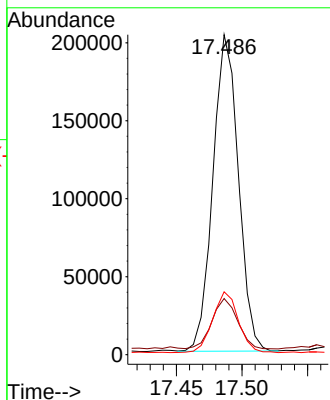
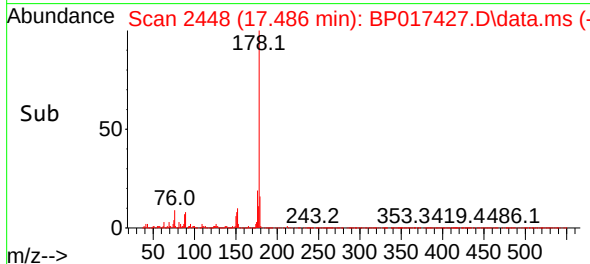
Instrument :
BNA_P
ClientSampleId :
EZY6



Tgt Ion:178 Resp: 27406
Ion Ratio Lower Upper
178 100
179 17.6 12.7 19.1
176 19.7 15.8 23.6

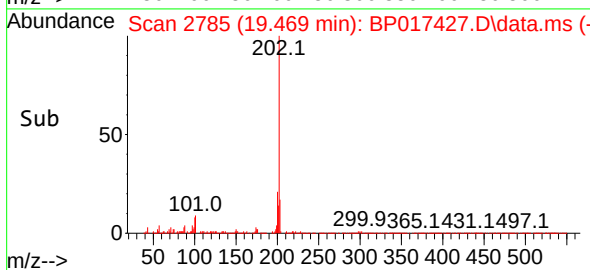
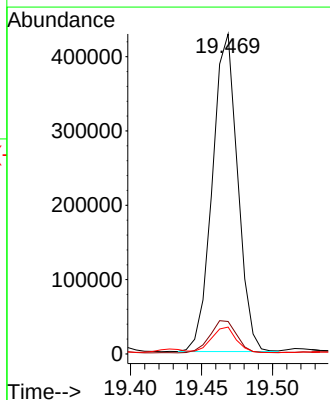
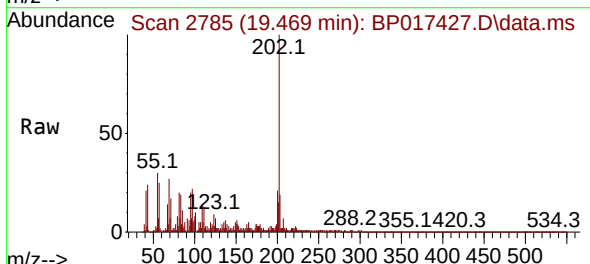
Manual Integrations
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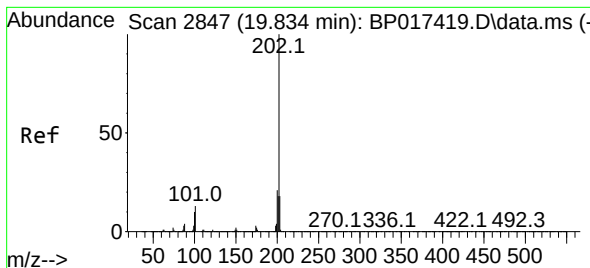
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#80
Fluoranthene
Concen: 14.080 ng/ul
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

Tgt Ion:202 Resp: 529487
Ion Ratio Lower Upper
202 100
101 10.2 8.4 12.6
100 8.4 6.6 10.0





#82

Pyrene

Concen: 11.636 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017427.D

Acq: 28 Sep 2023 23:10

Instrument :

BNA_P

ClientSampleId :

EZY6

Tgt Ion:202 Resp: 465170

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

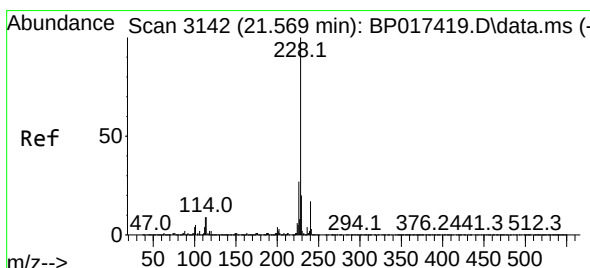
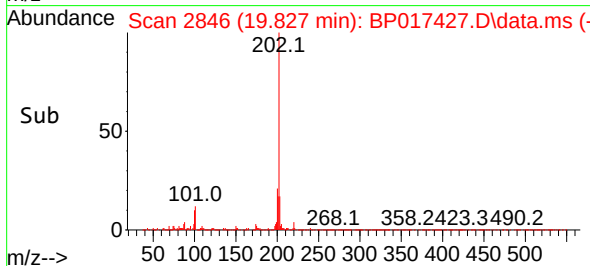
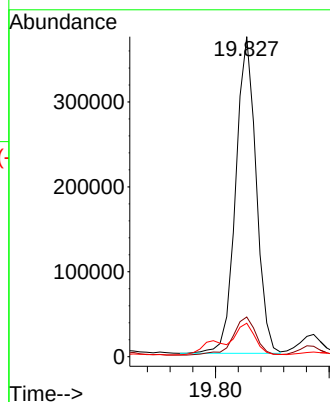
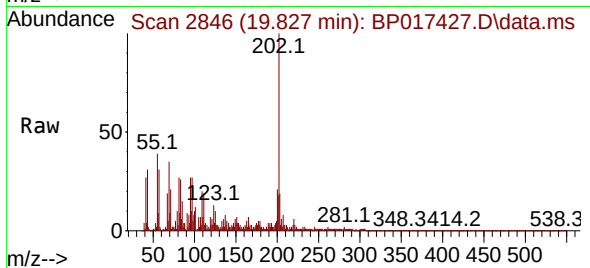
100 10.4 8.1 12.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/02/2023



#85

Benzo(a)anthracene

Concen: 6.474 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP017427.D

Acq: 28 Sep 2023 23:10

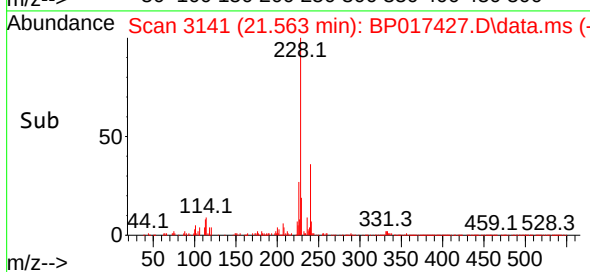
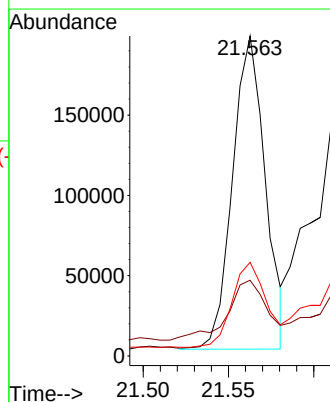
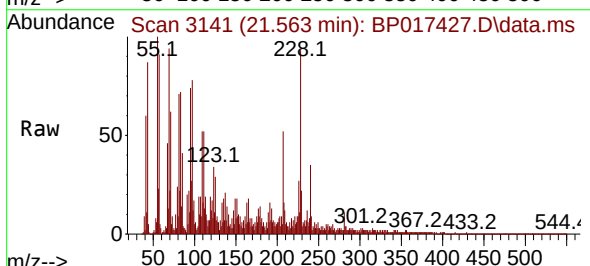
Tgt Ion:228 Resp: 260543

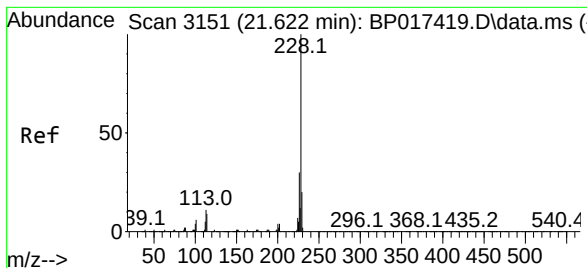
Ion Ratio Lower Upper

228 100

229 23.7 15.8 23.6#

226 29.3 21.8 32.8





#87

Chrysene

Concen: 10.282 ng/ul m

RT: 21.621 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BP017427.D

Acq: 28 Sep 2023 23:10

Instrument :

BNA_P

ClientSampleId :

EZY6

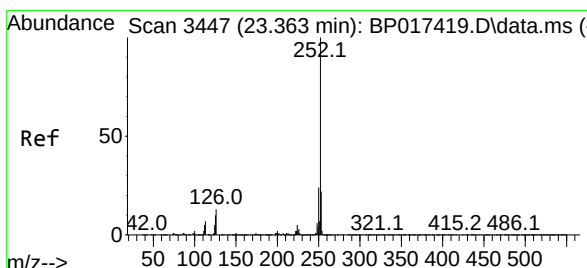
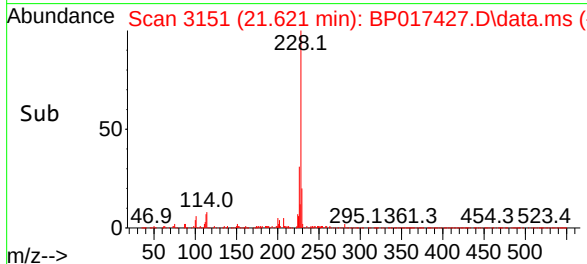
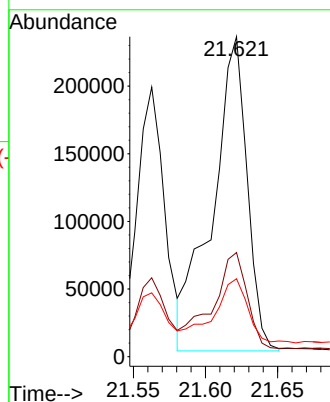
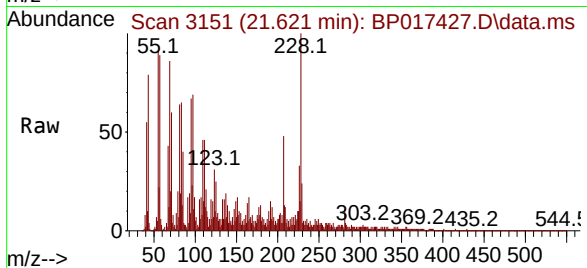
Tgt Ion:228	Resp: 389404
Ion Ratio	Lower Upper
228 100	
226 32.5	24.1 36.1
229 24.3	15.0 22.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/02/2023



#90

Benzo(b)fluoranthene

Concen: 14.794 ng/ul

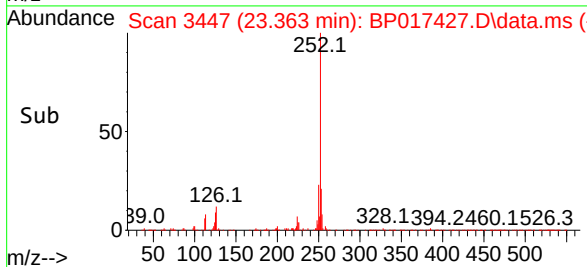
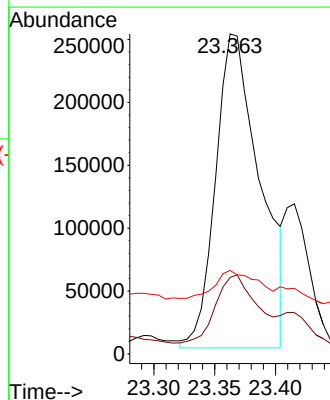
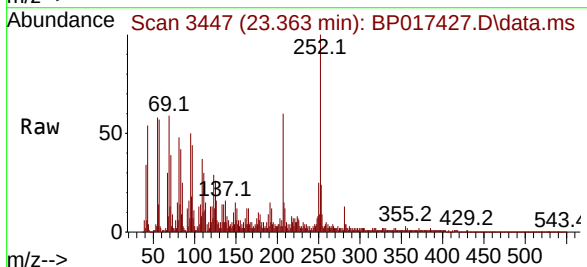
RT: 23.363 min Scan# 3447

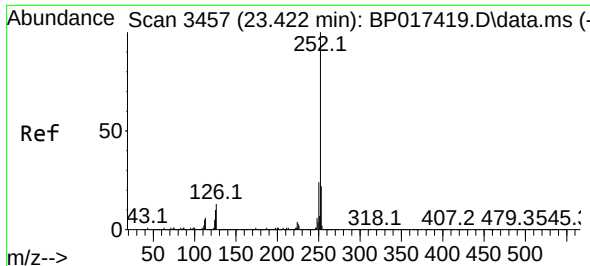
Delta R.T. -0.000 min

Lab File: BP017427.D

Acq: 28 Sep 2023 23:10

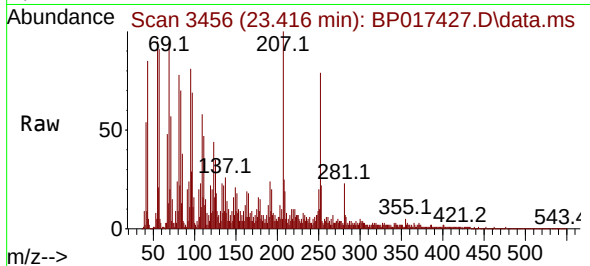
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Ion Ratio	Lower Upper
252 100	
253 23.9	17.4 26.0
125 26.1	7.8 11.8





#91
Benzo(k)fluoranthene
Concen: 3.772 ng/u1
RT: 23.416 min Scan# 3457
Delta R.T. -0.006 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

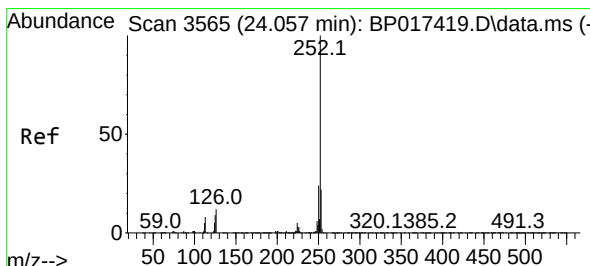
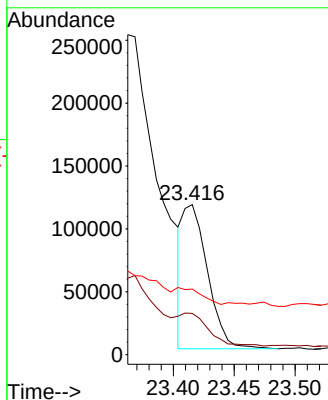
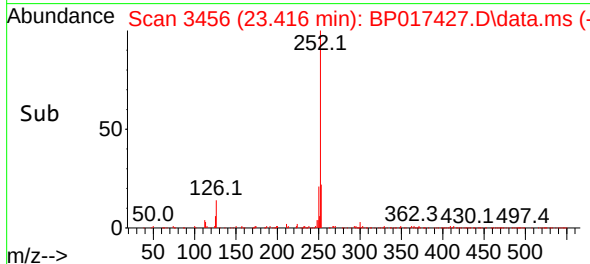
Instrument :
BNA_P
ClientSampleId :
EZY6



Tgt Ion:252 Resp: 16255
Ion Ratio Lower Upper
252 100
253 27.5 17.9 26.9
125 43.7 7.8 11.6

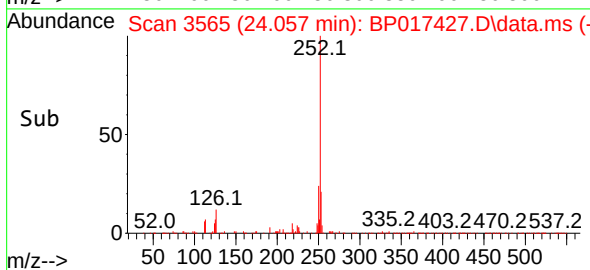
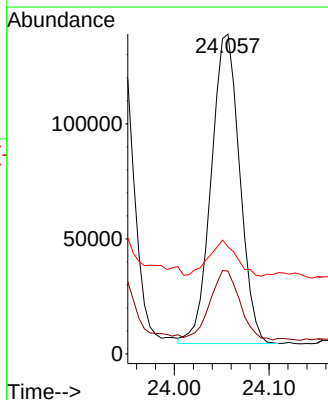
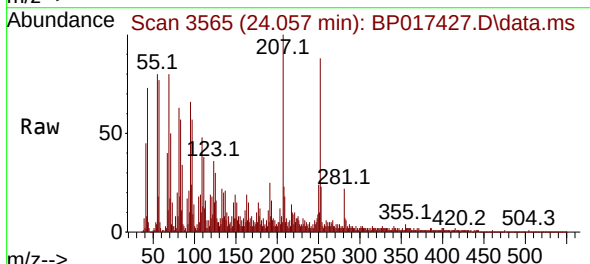
Manual Integrations
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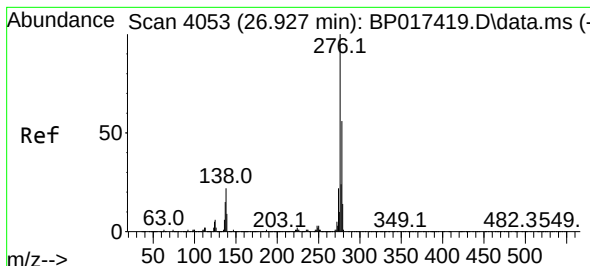
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#93
Benzo(a)pyrene
Concen: 6.890 ng/u1
RT: 24.057 min Scan# 3565
Delta R.T. -0.000 min
Lab File: BP017427.D
Acq: 28 Sep 2023 23:10

Tgt Ion:252 Resp: 281609
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 33.5 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.346 ng/ul

RT: 26.921 min Scan# 4053

Delta R.T. -0.006 min

Lab File: BP017427.D

Acq: 28 Sep 2023 23:10

Instrument :

BNA_P

ClientSampleId :

EZY6

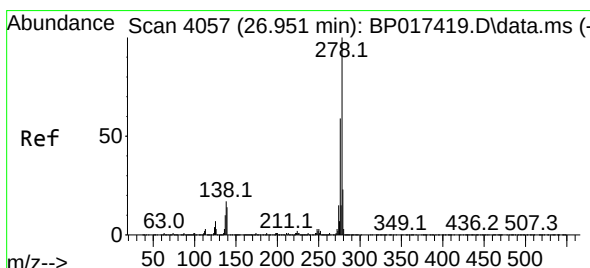
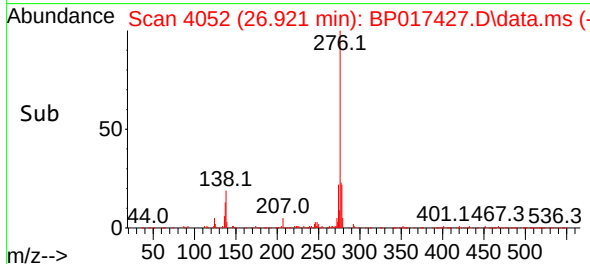
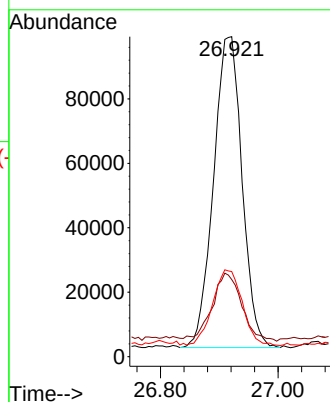
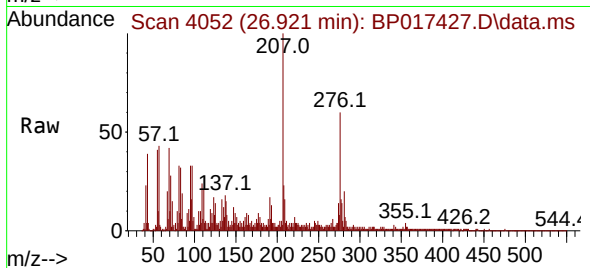
Tgt Ion:	276	Resp:	325124
Ion Ratio	Lower	Upper	
276	100		
138	24.1	17.9	26.9
277	26.6	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.293 ng/ul

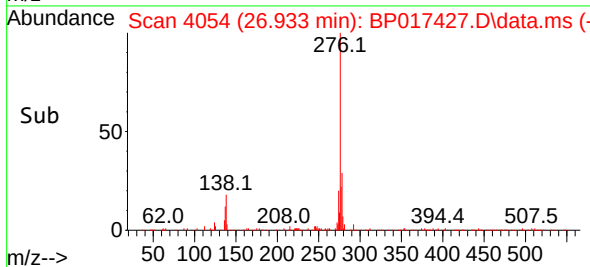
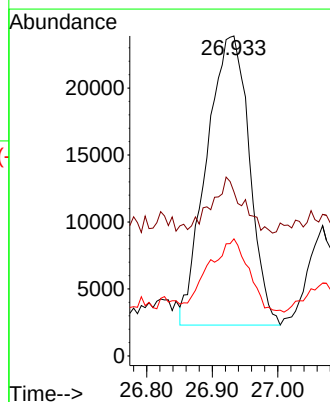
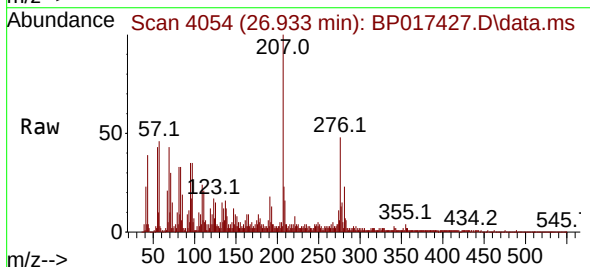
RT: 26.933 min Scan# 4054

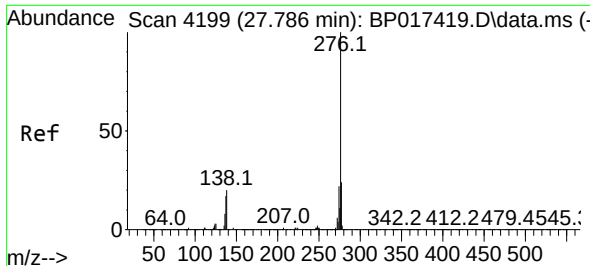
Delta R.T. -0.018 min

Lab File: BP017427.D

Acq: 28 Sep 2023 23:10

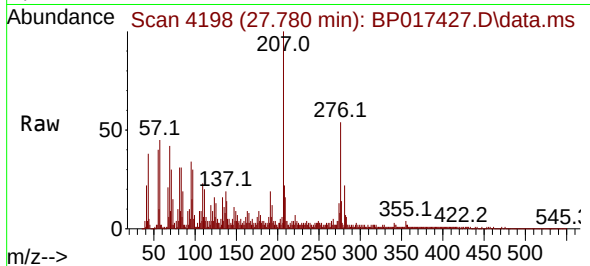
Tgt Ion:	278	Resp:	97828
Ion Ratio	Lower	Upper	
278	100		
139	51.2	13.4	20.0#
279	36.6	19.5	29.3#





#96
 Benzo(g,h,i)perylene
 Concen: 7.404 ng/ul
 RT: 27.780 min Scan# 4199
 Delta R.T. -0.006 min
 Lab File: BP017427.D
 Acq: 28 Sep 2023 23:10

Instrument :
 BNA_P
 ClientSampleId :
 EYZE6



Tgt Ion:276 Resp: 305870
 Ion Ratio Lower Upper
 276 100
 138 25.6 17.3 25.9
 277 26.0 18.8 28.2

Manual Integrations
 APPROVED

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

