

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 23:18:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	269423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1042045	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	598594	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	1266613	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	822980	20.000	ng/ul	# 0.01
88) Perylene-d12	24.069	264	1413554	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	16480	2.512	ng/uL	0.00
4) Pyridine-d5	3.758	84	15534	0.847	ng/ul	0.02
7) Phenol-d5	7.093	99	297765	13.457	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	255630	19.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	264964	15.098	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	95491	5.551	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	154136	20.460	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	153520	18.768	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	212342	13.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	74452	3.326	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	868609	20.256	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	943331	19.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	30198m	4.042	ng/ul	0.00
60) Fluorene-d10	15.598	176	795159	21.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	30299	4.244	ng/ul	0.00
73) Anthracene-d10	17.475	188	1169615	20.821	ng/ul	0.00
81) Pyrene-d10	19.722	212	1161775	26.105	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1374863	20.201	ng/ul	0.05
Target Compounds	Qvalue					
8) Phenol	7.122	94	45726	2.055	ng/ul	95
16) Acetophenone	8.787	105	451472	16.983	ng/ul	99
30) Naphthalene	10.816	128	712919	13.139	ng/ul	100
36) 2-Methylnaphthalene	12.422	142	235671	6.655	ng/ul	100
37) 1-Methylnaphthalene	12.640	142	176585	4.878	ng/ul#	99
43) 1,1'-Biphenyl	13.428	154	75000	1.651	ng/ul	97
50) Acenaphthylene	14.328	152	135928	2.357	ng/ul#	84
52) Acenaphthene	14.663	153	690880	18.139	ng/ul	99
56) Dibenzofuran	14.998	168	411775	7.895	ng/ul	100
61) Fluorene	15.651	166	638304	15.062	ng/ul	99
72) Phenanthrene	17.416	178	3087979	46.547	ng/ul	99
74) Anthracene	17.510	178	610422m	9.079	ng/ul	
77) Carbazole	17.792	167	110423	1.846	ng/ul#	62
80) Fluoranthene	19.392	202	2860296	55.108	ng/ul#	92
82) Pyrene	19.751	202	2707117	49.064	ng/ul#	90
85) Benzo(a)anthracene	21.480	228	538701	9.699	ng/ul#	87
86) Bis(2-ethylhexyl)phtha...	21.357	149	129258	4.575	ng/ul#	53
87) Chrysene	21.539	228	537944	10.291	ng/ul#	84
90) Benzo(b)fluoranthene	23.269	252	861162	10.333	ng/ul#	26
91) Benzo(k)fluoranthene	23.316	252	295505m	3.514	ng/ul	
93) Benzo(a)pyrene	23.951	252	597145	7.489	ng/ul#	20
94) Indeno(1,2,3-cd)pyrene	26.786	276	545066	5.453	ng/ul#	82
96) Benzo(g,h,i)perylene	27.639	276	542135m	6.726	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 23:18:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

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

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

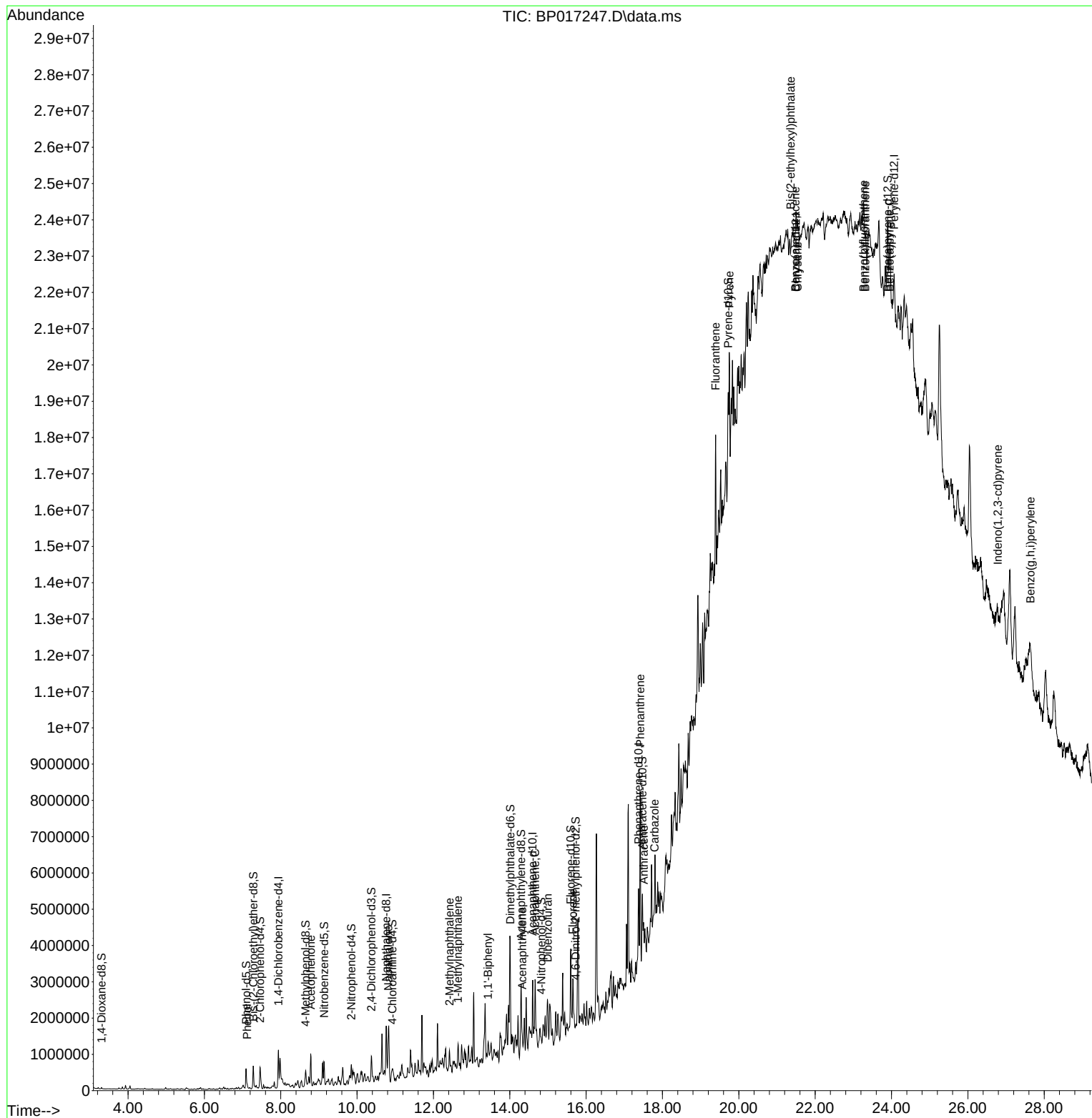
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

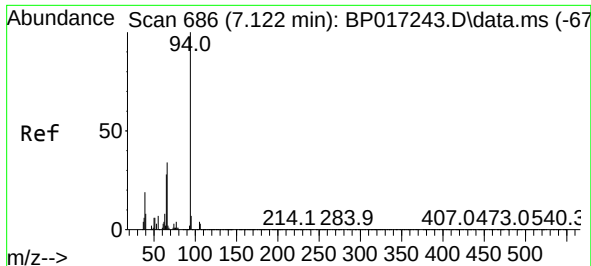
Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Quant Time: Sep 20 23:18:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

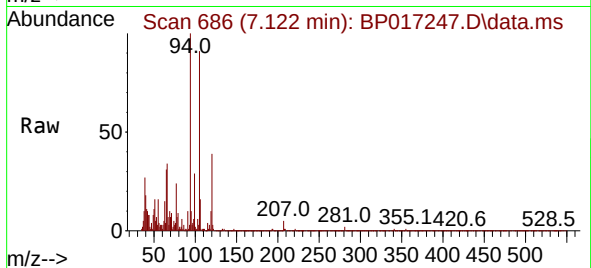
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023





#8
Phenol
Concen: 2.055 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

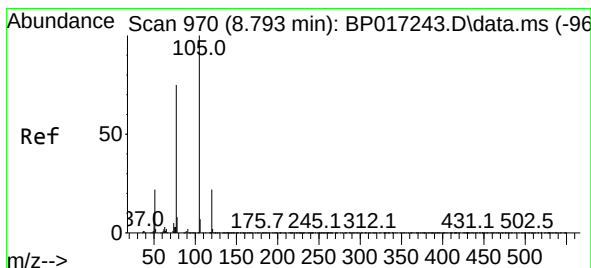
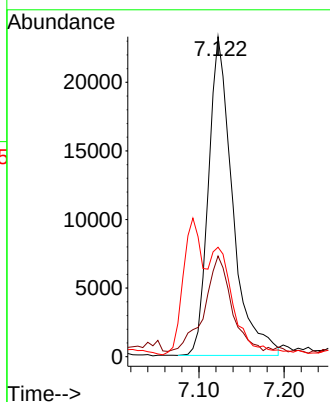
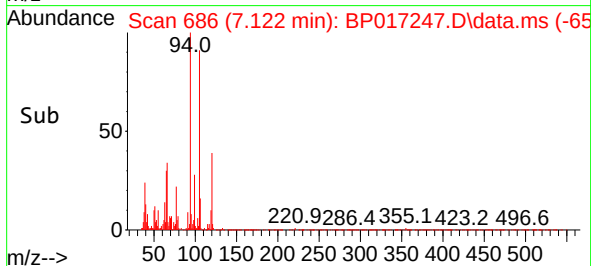
Instrument :
BNA_P
ClientSampleId :
EZYG3



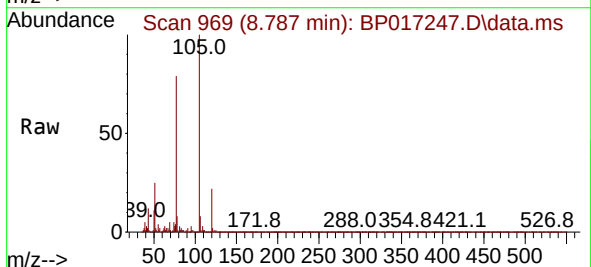
Tgt Ion: 94 Resp: 45720
Ion Ratio Lower Upper
94 100
65 31.4 21.4 32.2
66 34.2 28.2 42.2

Manual Integrations
APPROVED

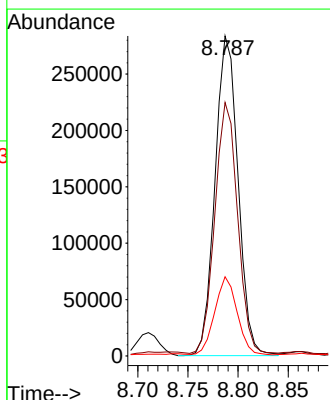
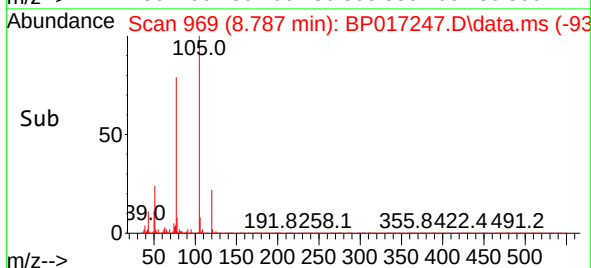
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

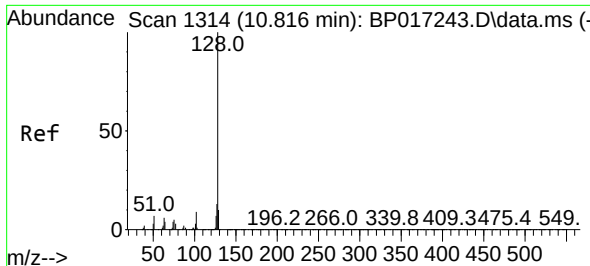


#16
Acetophenone
Concen: 16.983 ng/ul
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43



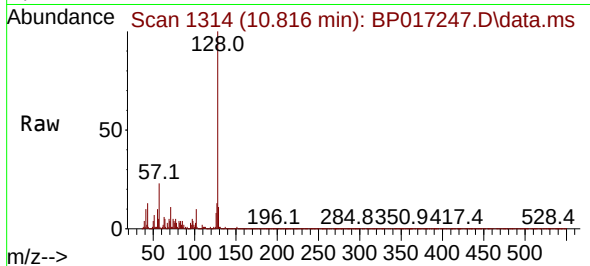
Tgt Ion:105 Resp: 451472
Ion Ratio Lower Upper
105 100
77 79.2 63.6 95.4
51 24.7 19.2 28.8





#30
Naphthalene
Concen: 13.139 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

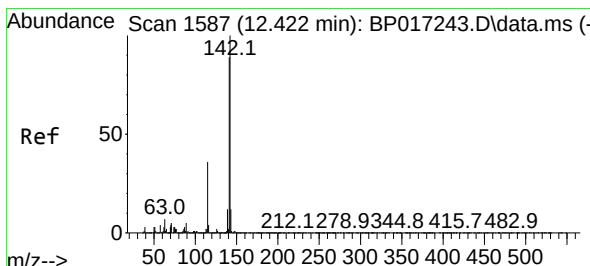
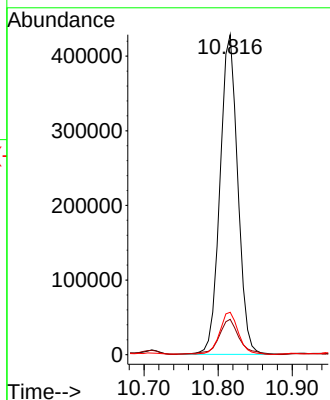
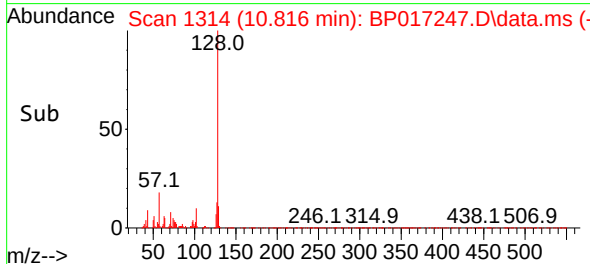
Instrument :
BNA_P
ClientSampleId :
EZYG3



Tgt Ion:128 Resp: 712919
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.6 15.8

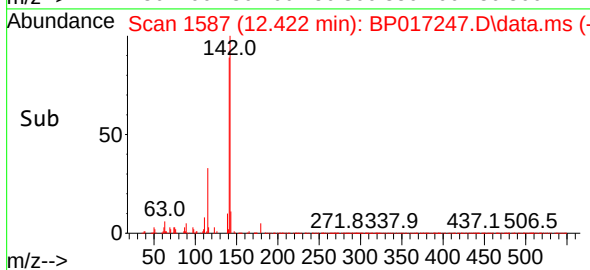
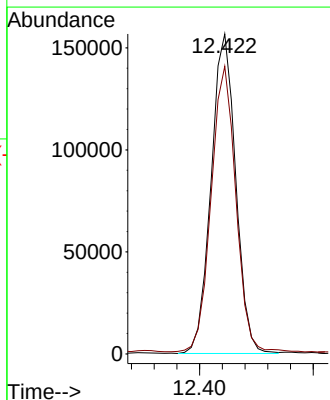
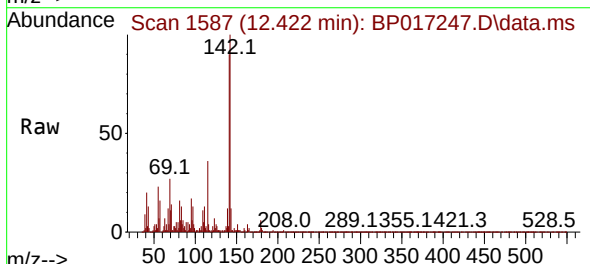
Manual Integrations
APPROVED

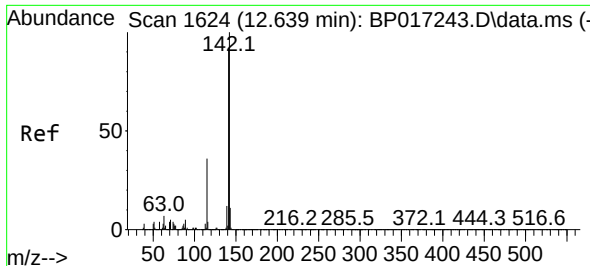
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#36
2-Methylnaphthalene
Concen: 6.655 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

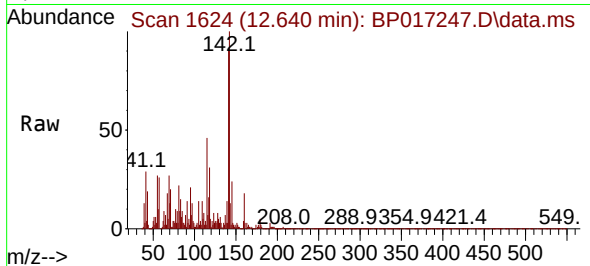
Tgt Ion:142 Resp: 235671
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#37
1-Methylnaphthalene
Concen: 4.878 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

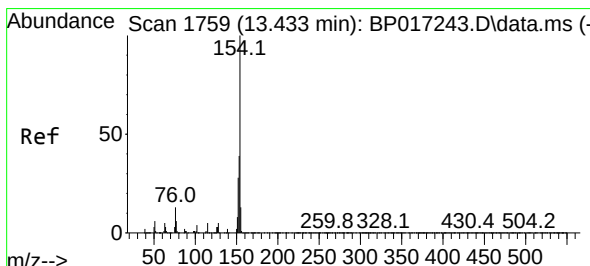
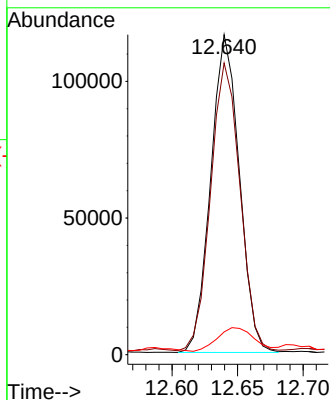
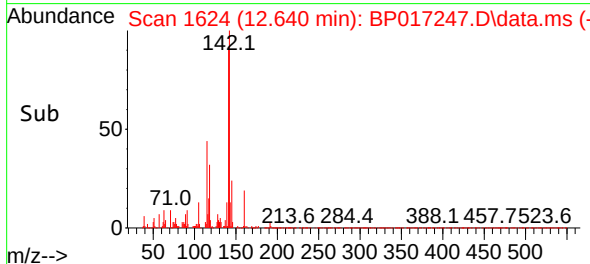
Instrument :
BNA_P
ClientSampleId :
EZYG3



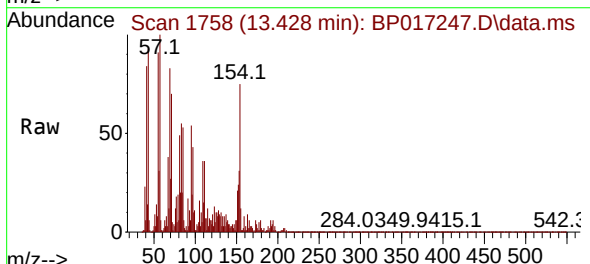
Tgt Ion:142 Resp: 176589
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2
116 7.1 3.1 4.7

Manual Integrations
APPROVED

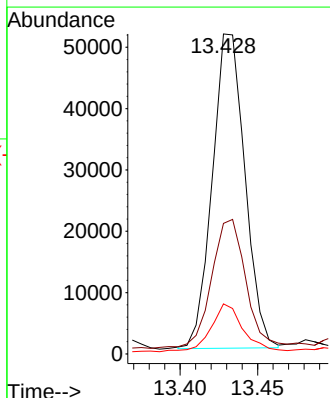
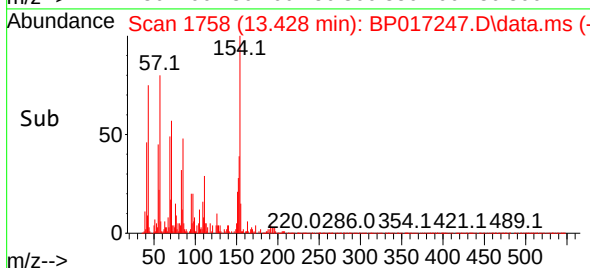
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

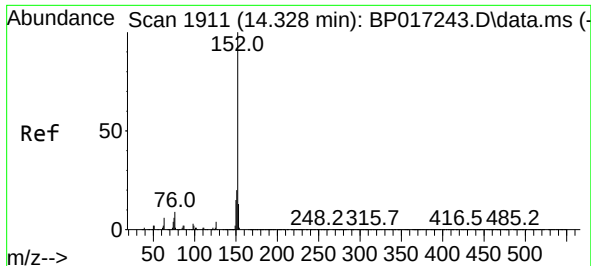


#43
1,1'-Biphenyl
Concen: 1.651 ng/ul
RT: 13.428 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43



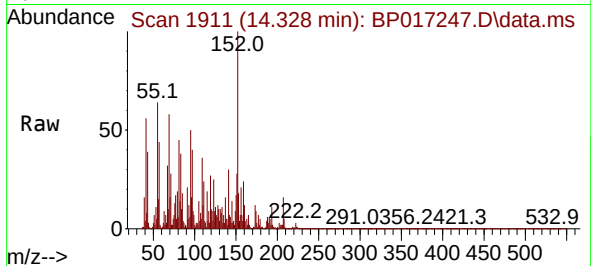
Tgt Ion:154 Resp: 75000
Ion Ratio Lower Upper
154 100
153 40.8 31.5 47.3
76 15.6 11.0 16.6





#50
Acenaphthylene
Concen: 2.357 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

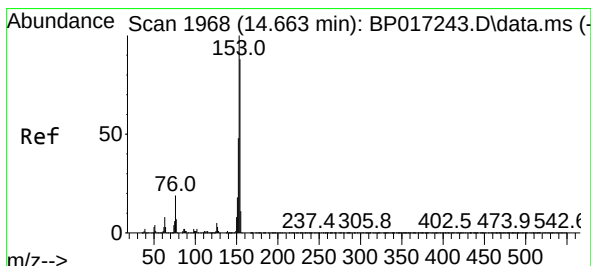
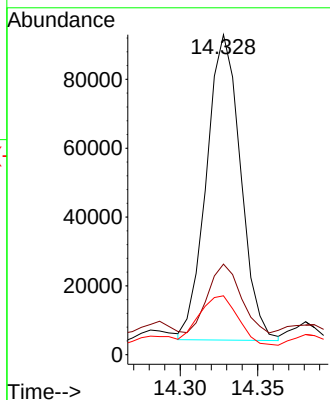
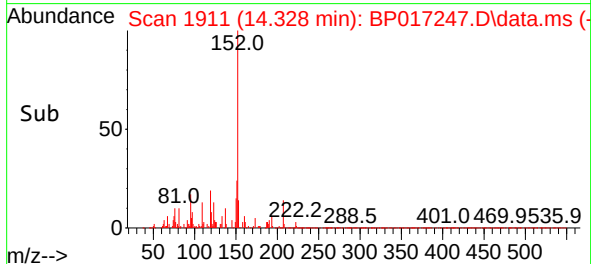
Instrument :
BNA_P
ClientSampleId :
EZYG3



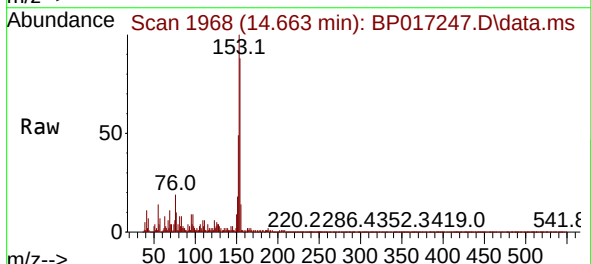
Tgt Ion:152 Resp: 135928
Ion Ratio Lower Upper
152 100
151 28.3 16.0 24.0
153 18.4 10.4 15.6

Manual Integrations
APPROVED

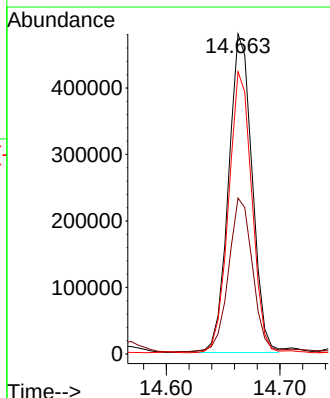
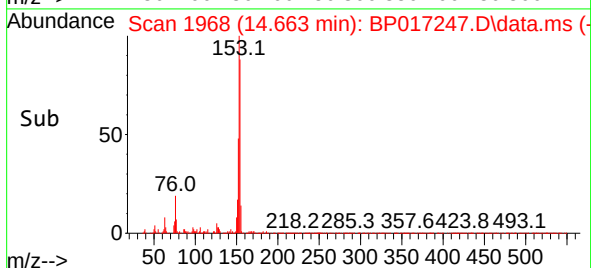
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

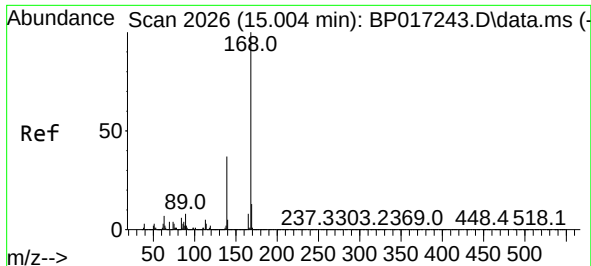


#52
Acenaphthene
Concen: 18.139 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43



Tgt Ion:153 Resp: 690880
Ion Ratio Lower Upper
153 100
152 48.7 38.0 57.0
154 88.2 70.1 105.1





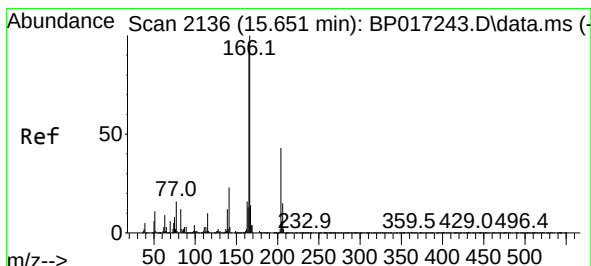
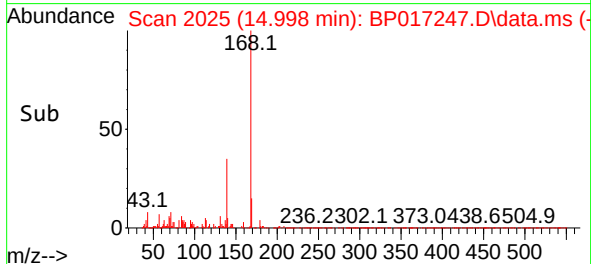
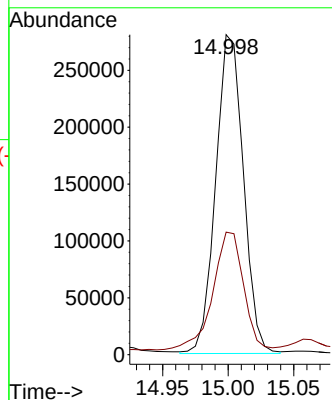
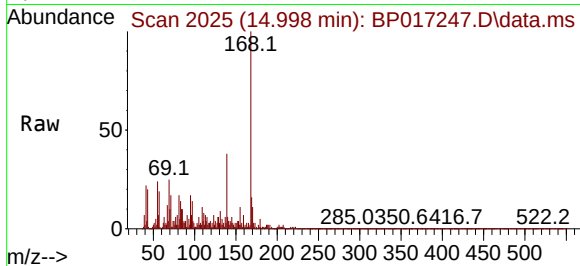
#56
Dibenzenofuran
Concen: 7.895 ng/ul
RT: 14.998 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

Instrument :
BNA_P
ClientSampleId :
EZYG3

Tgt Ion:168 Resp: 411775
Ion Ratio Lower Upper
168 100
139 38.3 30.6 45.8

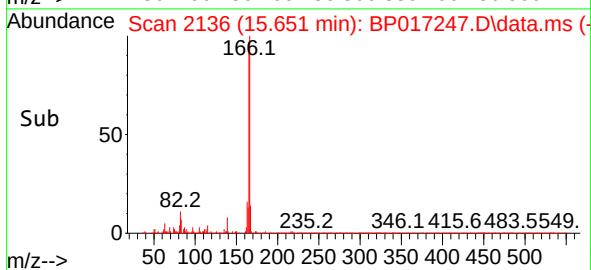
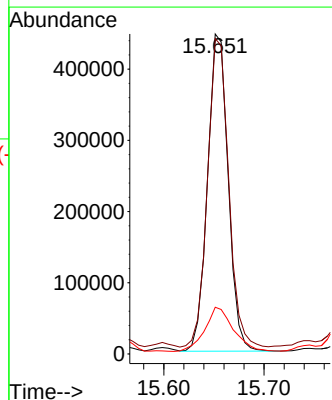
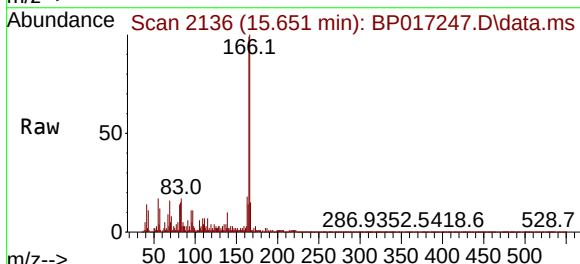
Manual Integrations
APPROVED

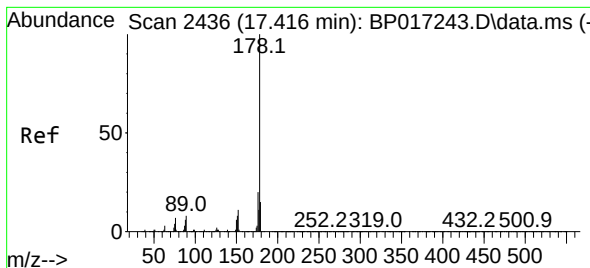
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#61
Fluorene
Concen: 15.062 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

Tgt Ion:166 Resp: 638304
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.6
167 14.6 10.9 16.3





#72

Phenanthrene

Concen: 46.547 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017247.D

Acq: 20 Sep 2023 19:43

Instrument :

BNA_P

ClientSampleId :

EZYG3

Tgt Ion:178 Resp: 3087979

Ion Ratio Lower Upper

178 100

179 16.4 12.7 19.1

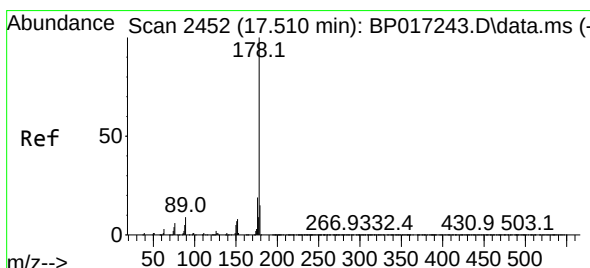
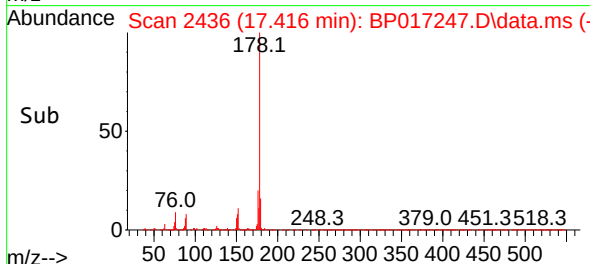
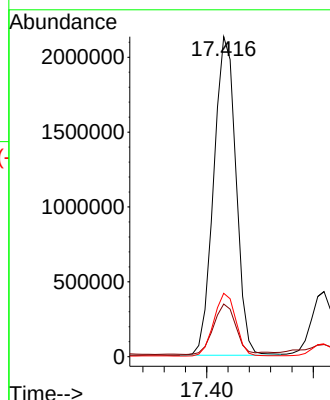
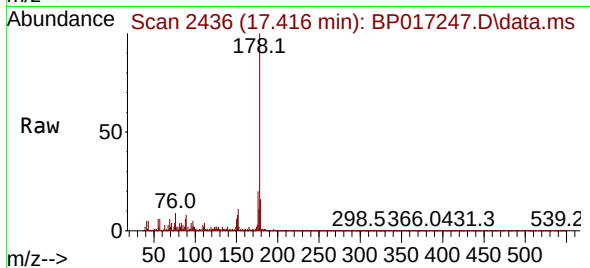
176 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#74

Anthracene

Concen: 9.079 ng/ul m

RT: 17.510 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BP017247.D

Acq: 20 Sep 2023 19:43

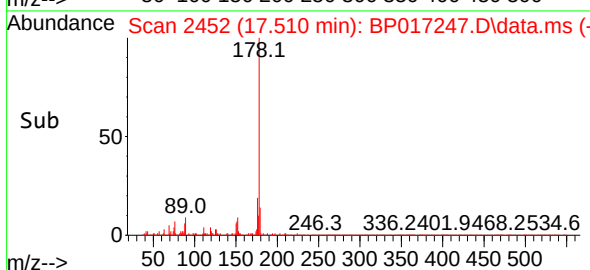
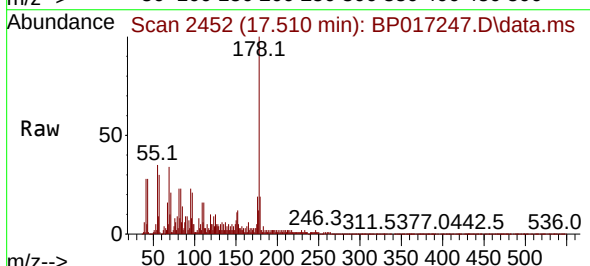
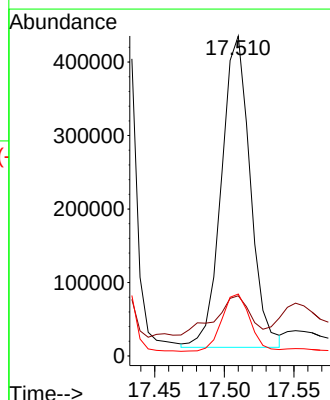
Tgt Ion:178 Resp: 610422

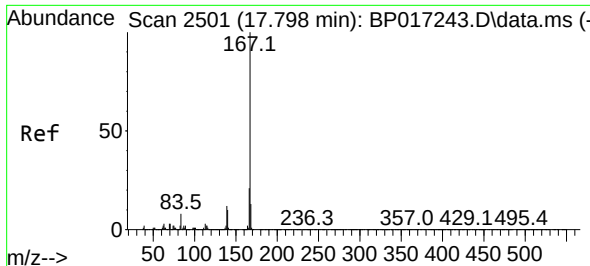
Ion Ratio Lower Upper

178 100

179 18.8 12.5 18.7#

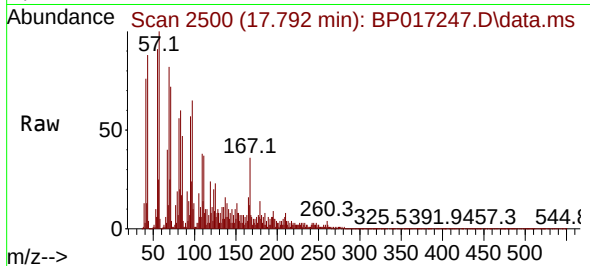
176 19.4 15.1 22.7





#77
 Carbazole
 Concen: 1.846 ng/ul
 RT: 17.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP017247.D
 Acq: 20 Sep 2023 19:43

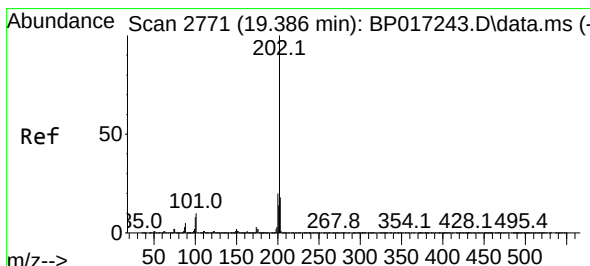
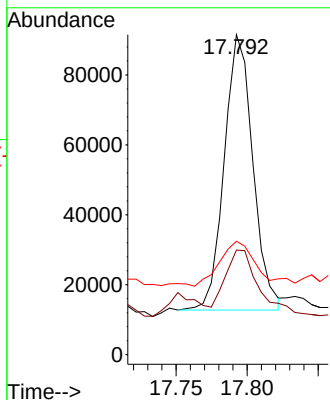
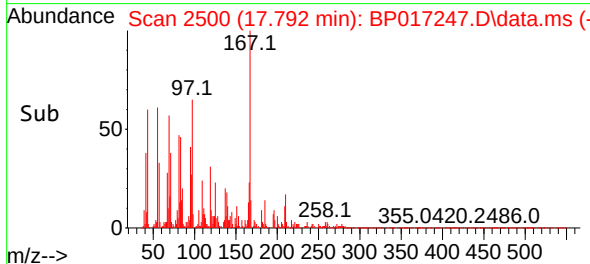
Instrument :
 BNA_P
 ClientSampleId :
 EZYG3



Tgt Ion:167 Resp: 11042
 Ion Ratio Lower Upper
 167 100
 166 32.7 16.5 24.7
 139 35.5 10.5 15.7

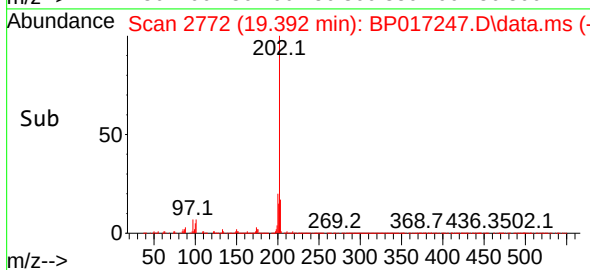
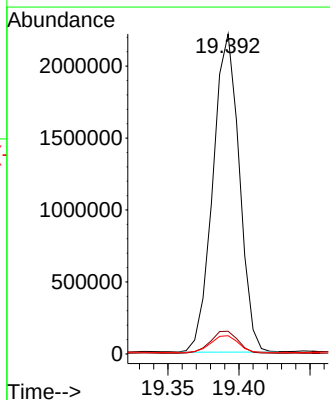
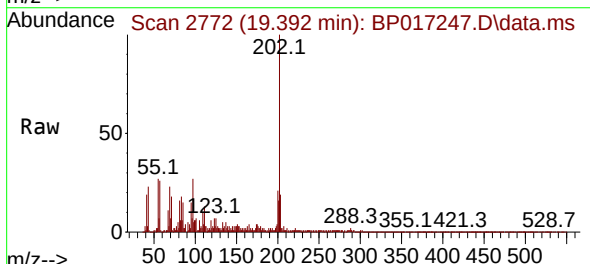
Manual Integrations
 APPROVED

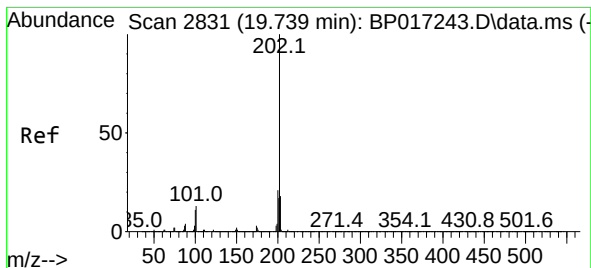
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#80
 Fluoranthene
 Concen: 55.108 ng/ul
 RT: 19.392 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BP017247.D
 Acq: 20 Sep 2023 19:43

Tgt Ion:202 Resp: 2860296
 Ion Ratio Lower Upper
 202 100
 101 7.1 8.4 12.6#
 100 5.7 6.6 10.0#





#82

Pyrene

Concen: 49.064 ng/ul

RT: 19.751 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BP017247.D

Acq: 20 Sep 2023 19:43

Instrument :

BNA_P

ClientSampleId :

EZYG3

Tgt Ion:202 Resp: 270711

Ion Ratio Lower Upper

202 100

101 7.8 9.8 14.8

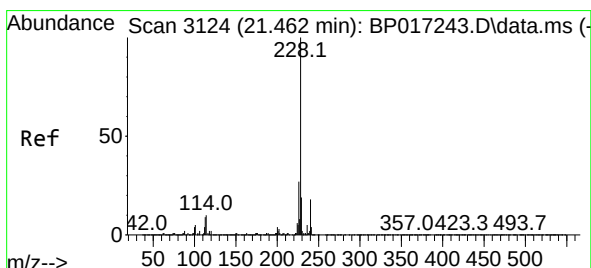
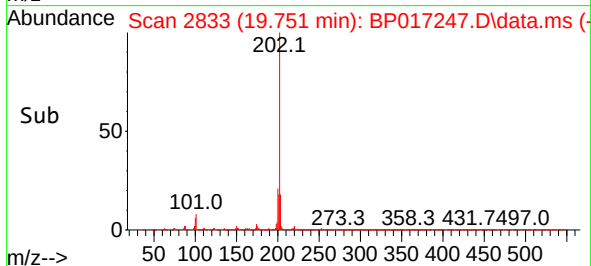
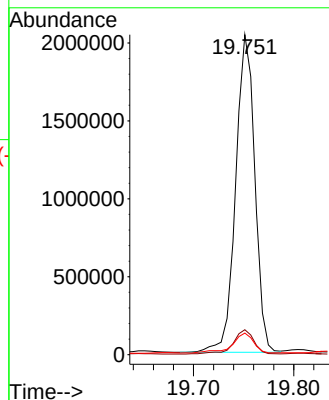
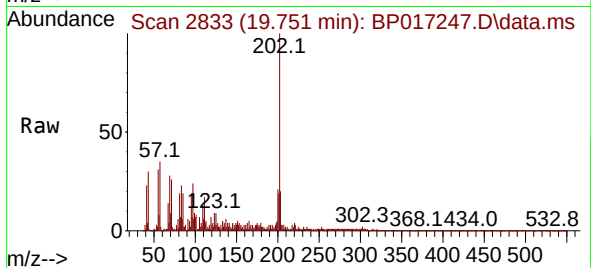
100 6.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#85

Benzo(a)anthracene

Concen: 9.699 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. 0.012 min

Lab File: BP017247.D

Acq: 20 Sep 2023 19:43

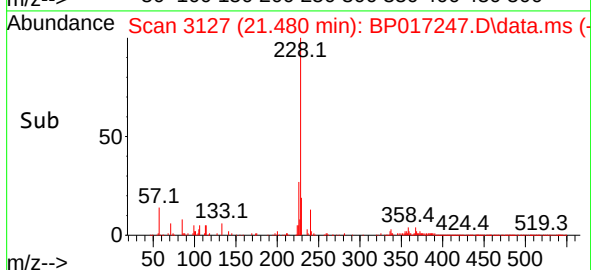
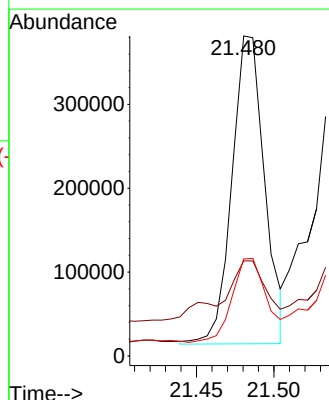
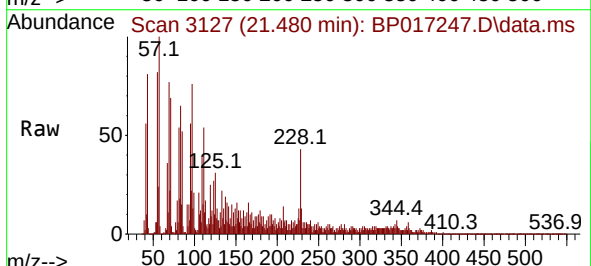
Tgt Ion:228 Resp: 538701

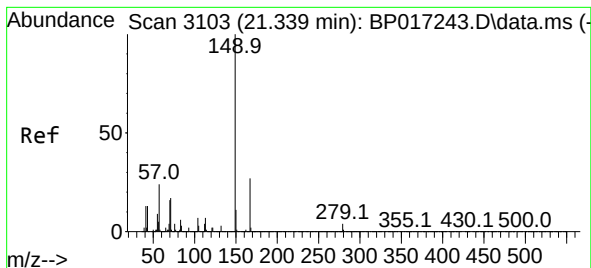
Ion Ratio Lower Upper

228 100

229 29.7 15.8 23.6

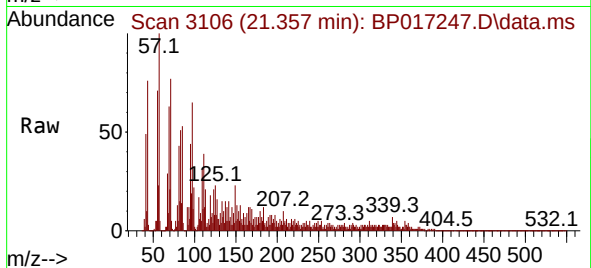
226 30.3 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.575 ng/ul
RT: 21.357 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

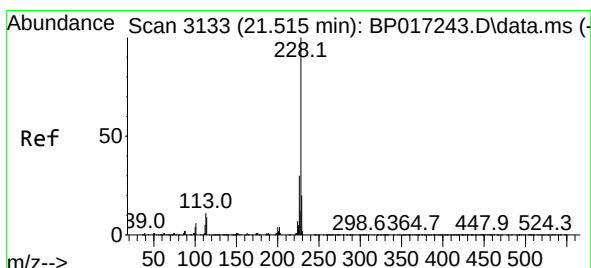
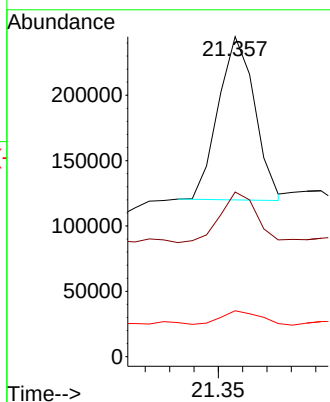
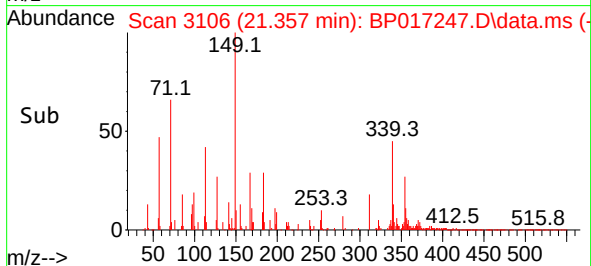
Instrument :
BNA_P
ClientSampleId :
EZYG3



Tgt Ion:149 Resp: 129258
Ion Ratio Lower Upper
149 100
167 51.4 21.0 31.6
279 14.4 3.0 4.4

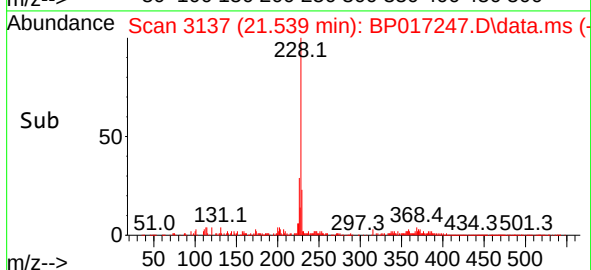
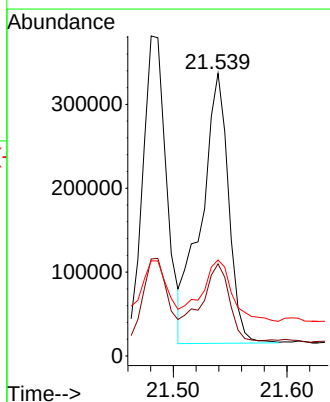
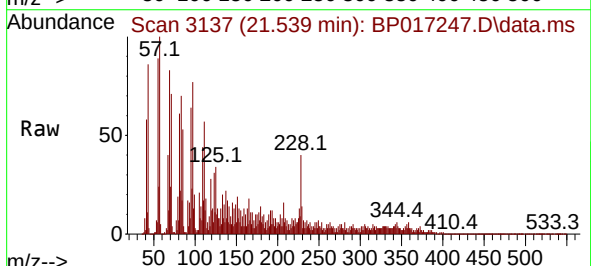
Manual Integrations
APPROVED

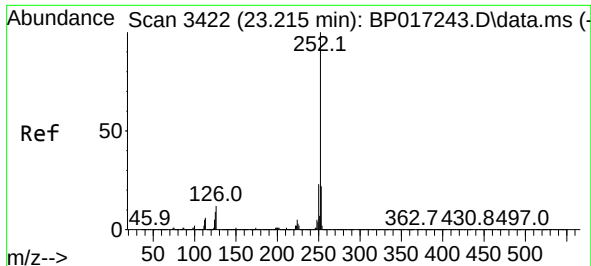
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#87
Chrysene
Concen: 10.291 ng/ul
RT: 21.539 min Scan# 3137
Delta R.T. 0.012 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

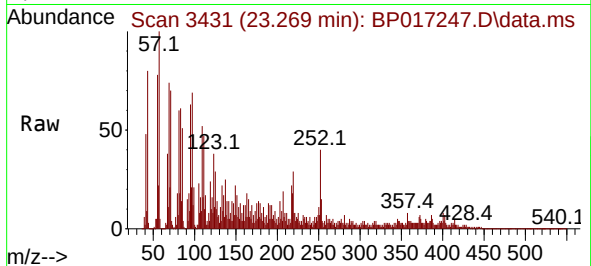
Tgt Ion:228 Resp: 537944
Ion Ratio Lower Upper
228 100
226 32.6 24.1 36.1
229 34.0 15.0 22.6





#90
Benzo(b)fluoranthene
Concen: 10.333 ng/ul
RT: 23.269 min Scan# 3422
Delta R.T. 0.041 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

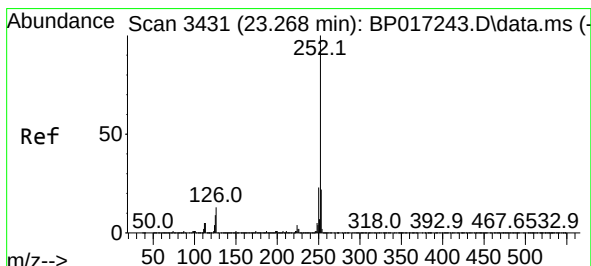
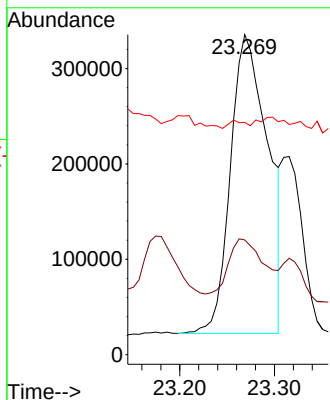
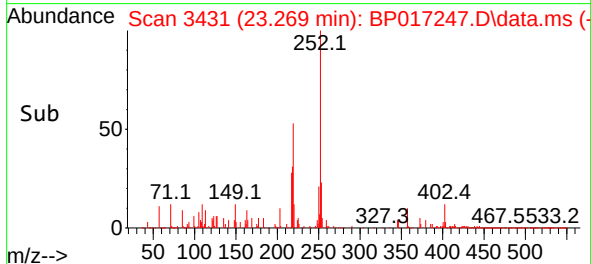
Instrument :
BNA_P
ClientSampleId :
EZYG3



Tgt Ion:252 Resp: 861162
Ion Ratio Lower Upper
252 100
253 35.9 17.4 26.0#
125 72.6 7.8 11.8#

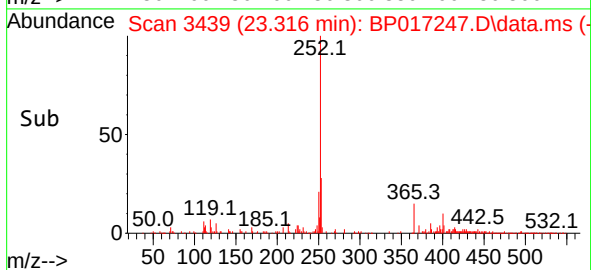
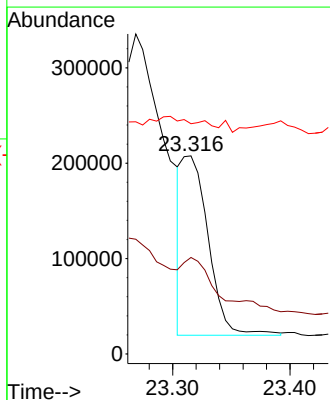
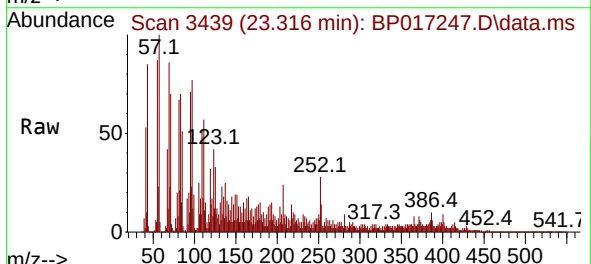
Manual Integrations
APPROVED

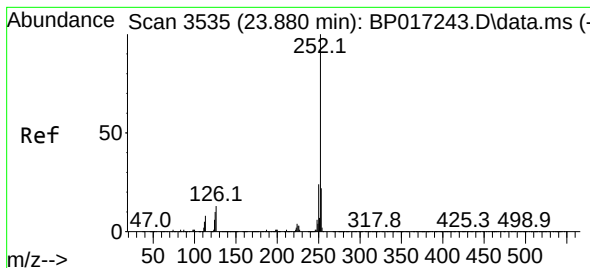
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#91
Benzo(k)fluoranthene
Concen: 3.514 ng/ul m
RT: 23.316 min Scan# 3439
Delta R.T. 0.035 min
Lab File: BP017247.D
Acq: 20 Sep 2023 19:43

Tgt Ion:252 Resp: 295505
Ion Ratio Lower Upper
252 100
253 48.7 17.9 26.9#
125 116.3 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 7.489 ng/ul

RT: 23.951 min Scan# 3547

Delta R.T. 0.053 min

Lab File: BP017247.D

Acq: 20 Sep 2023 19:43

Instrument :

BNA_P

ClientSampleId :

EZYG3

Tgt Ion:252 Resp: 59714

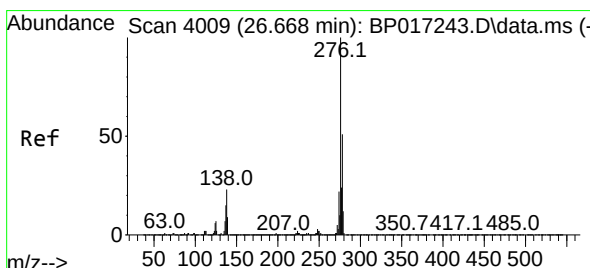
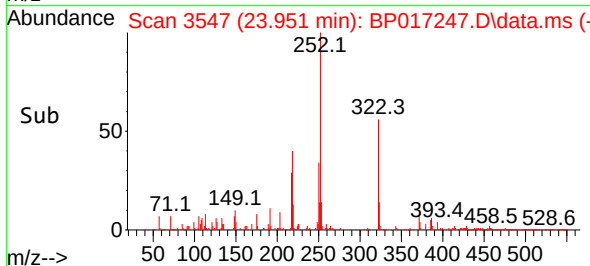
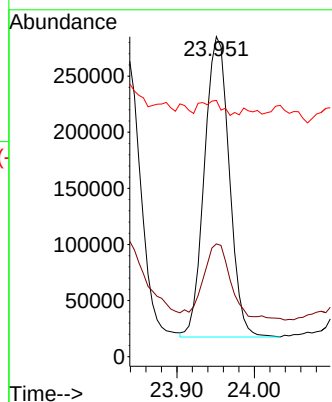
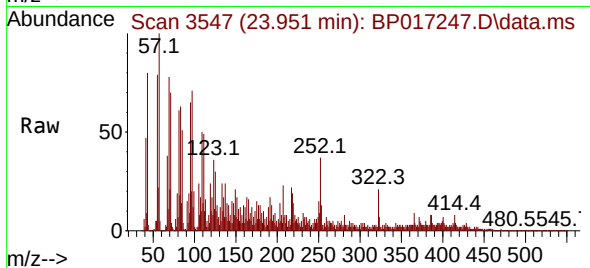
Ion	Ratio	Lower	Upper
252	100		
253	35.2	17.4	26.0
125	80.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.453 ng/ul

RT: 26.786 min Scan# 4029

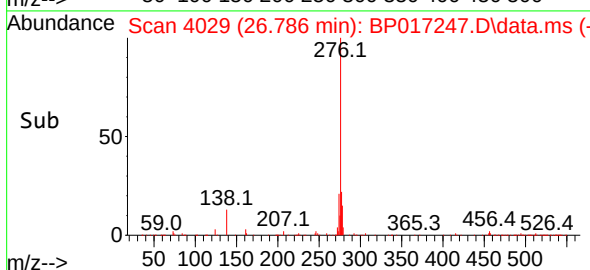
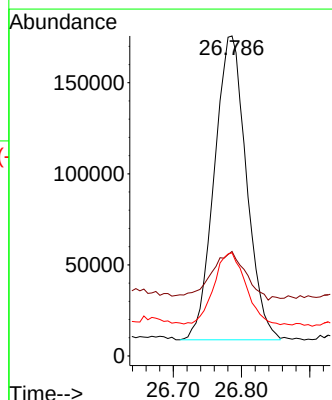
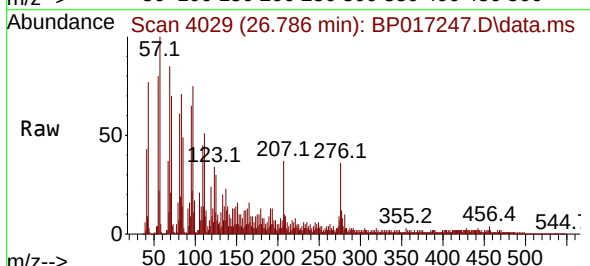
Delta R.T. 0.094 min

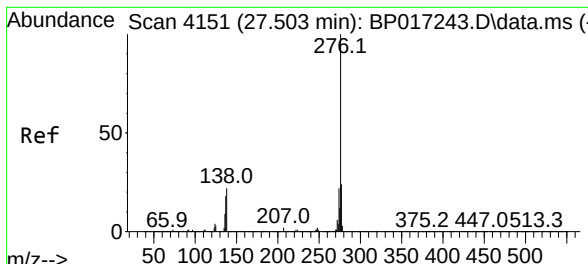
Lab File: BP017247.D

Acq: 20 Sep 2023 19:43

Tgt Ion:276 Resp: 545066

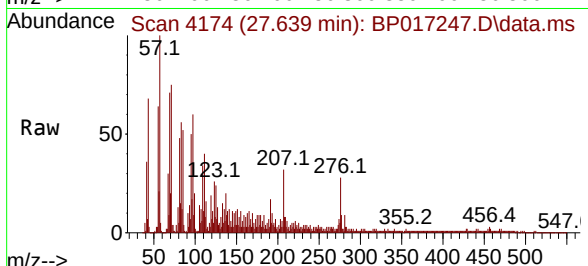
Ion	Ratio	Lower	Upper
276	100		
138	32.7	17.9	26.9
277	32.3	19.5	29.3





#96
 Benzo(g,h,i)perylene
 Concen: 6.726 ng/ul m
 RT: 27.639 min Scan# 41
 Delta R.T. 0.106 min
 Lab File: BP017247.D
 Acq: 20 Sep 2023 19:43

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3



Tgt Ion: 276 Resp: 54213

Ion	Ratio	Lower	Upper
276	100		
138	32.2	17.3	25.9
277	32.2	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

