

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023547.D
 Acq On : 20 Dec 2024 04:47
 Operator : RC/JU
 Sample : P5265-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 05:23:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	271458	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.263	136	1084369	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.139	164	847931	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.939	188	1965272	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.374	240	1955740	20.000	ng/ul	#-0.01
88) Perylene-d12	24.539	264	2048303	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	20298	2.753	ng/uL	-0.01
4) Pyridine-d5	3.528	84	22488m	1.186	ng/ul	0.01
7) Phenol-d5	6.740	99	434056	20.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	278474	20.723	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.069	132	314653	20.016	ng/ul	-0.02
15) 4-Methylphenol-d8	8.246	113	298926	17.389	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	157526	19.454	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.369	143	192705	20.649	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.928	165	359126	18.233	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	210798	9.553	ng/ul	-0.01
46) Dimethylphthalate-d6	13.545	166	1264212	19.206	ng/ul	-0.01
49) Acenaphthylene-d8	13.828	160	1222444	17.607	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	149332m	18.513	ng/ul	0.04
60) Fluorene-d10	15.151	176	943250	16.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	85090	7.164	ng/ul	0.00
73) Anthracene-d10	17.045	188	1493109	16.647	ng/ul	0.00
81) Pyrene-d10	19.433	212	1372093	13.428	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.327	264	812490	7.410	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	66436	2.996	ng/ul	91
16) Acetophenone	8.340	105	184800	6.387	ng/ul	90
52) Acenaphthene	14.198	153	174704	3.380	ng/ul	97
56) Dibenzofuran	14.551	168	92848	1.183	ng/ul	91
61) Fluorene	15.210	166	143562	2.246	ng/ul	98
72) Phenanthrene	16.986	178	2834508	27.898	ng/ul	99
74) Anthracene	17.075	178	729713	7.183	ng/ul	99
77) Carbazole	17.375	167	304215	3.675	ng/ul	98
80) Fluoranthene	19.086	202	5118721	43.718	ng/ul#	94
82) Pyrene	19.469	202	3608244	29.042	ng/ul#	94
85) Benzo(a)anthracene	21.357	228	2237725	17.063	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1627263	26.333	ng/ul	99
87) Chrysene	21.421	228	2021310	16.083	ng/ul	98
90) Benzo(b)fluoranthene	23.551	252	2412659	18.747	ng/ul#	97
91) Benzo(k)fluoranthene	23.610	252	1038897m	8.114	ng/ul	
93) Benzo(a)pyrene	24.398	252	1101034	9.436	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.127	276	870338m	5.804	ng/ul	
95) Dibenzo(a,h)anthracene	28.168	278	298039m	2.484	ng/ul	
96) Benzo(g,h,i)perylene	29.245	276	117261m	1.021	ng/ul	

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

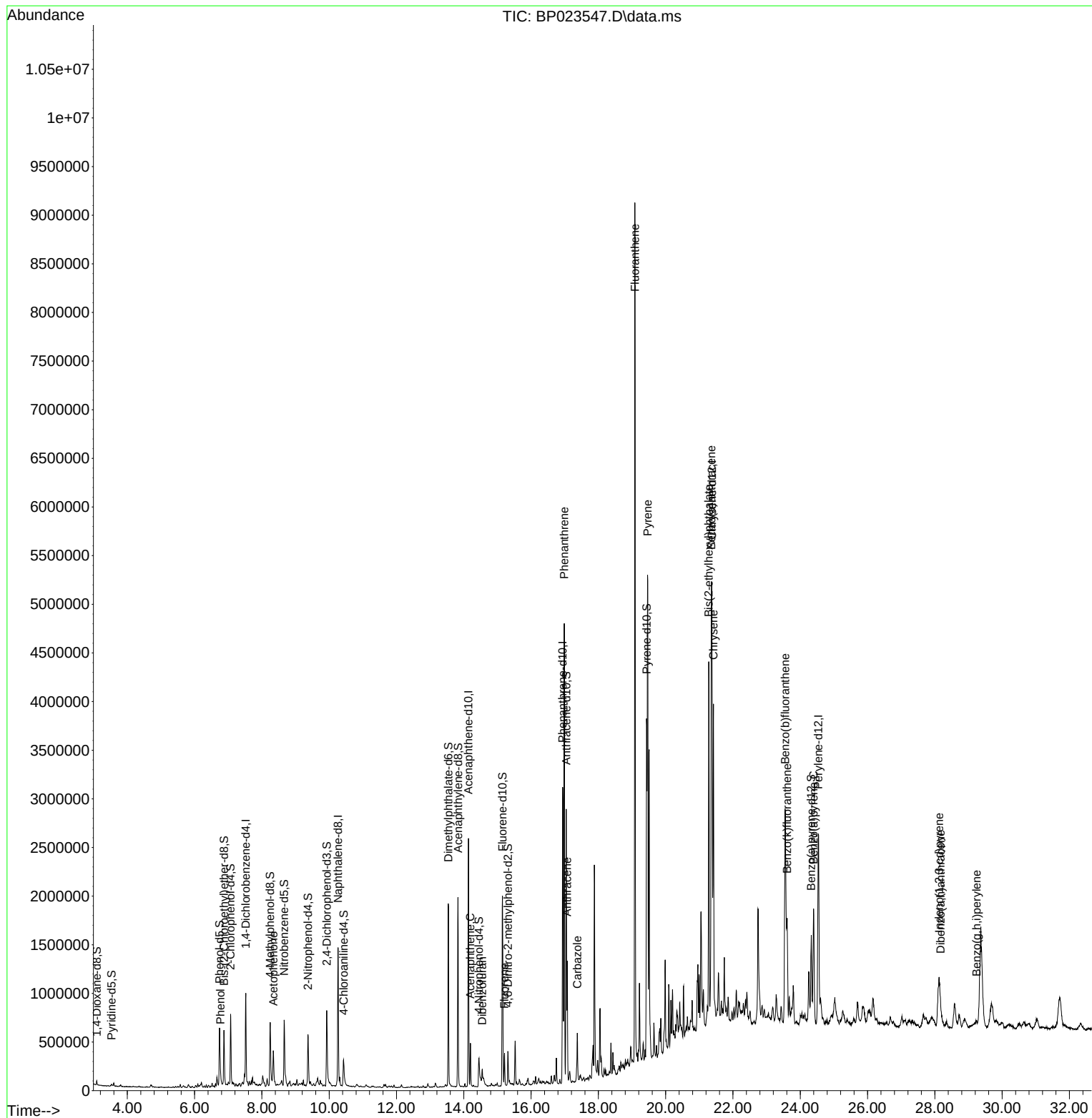
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

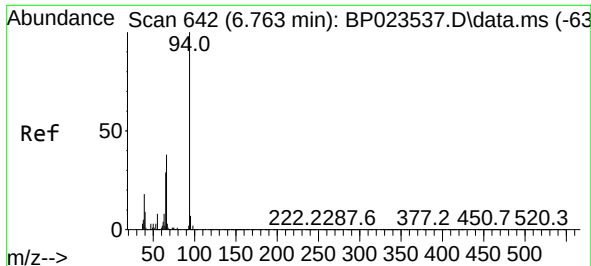
Instrument :
BNA_P
ClientSampleId :
E28Z6

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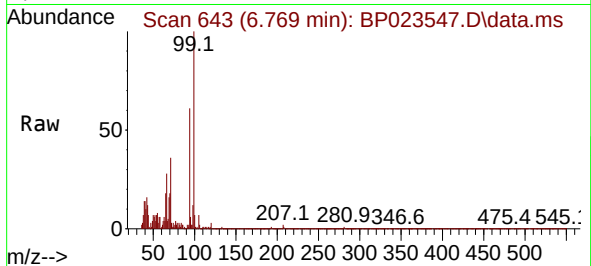
Quant Time: Dec 20 05:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.996 ng/ul
RT: 6.769 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

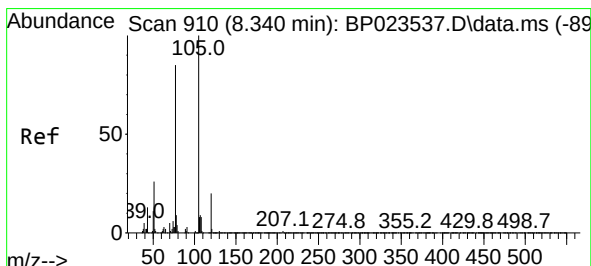
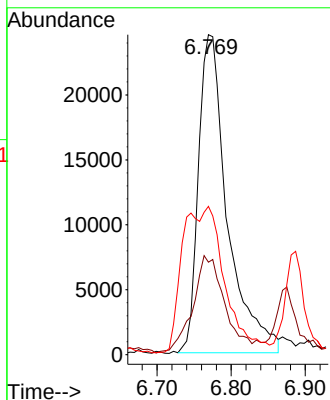
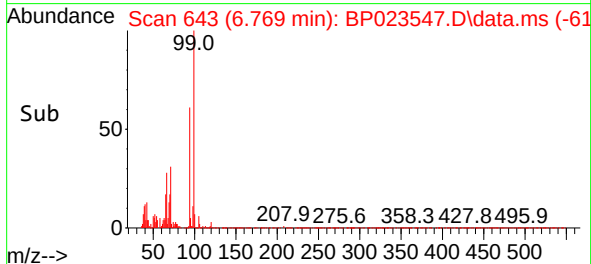
Instrument :
BNA_P
Client Sample Id :
E28Z6



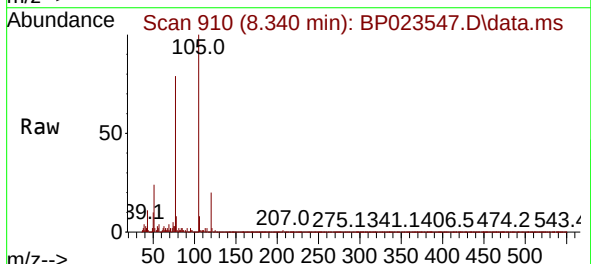
Tgt Ion: 94 Resp: 66430
Ion Ratio Lower Upper
94 100
65 28.9 28.0 42.0
66 46.4 42.0 63.0

Manual Integrations
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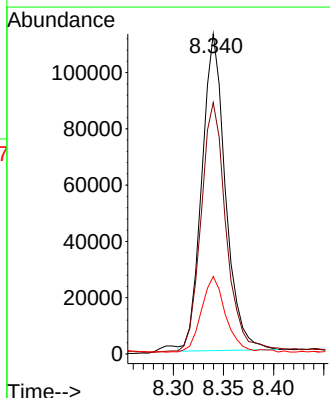
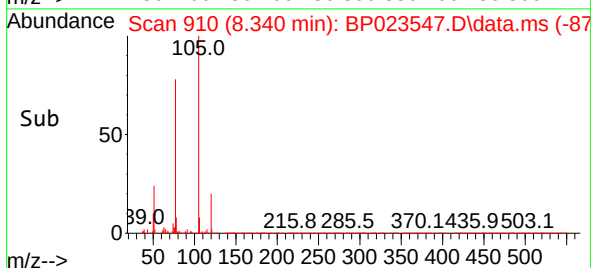
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

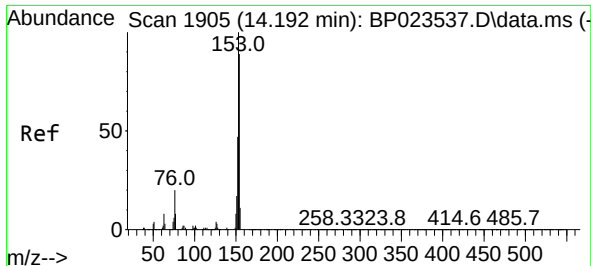


#16
Acetophenone
Concen: 6.387 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. -0.018 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47



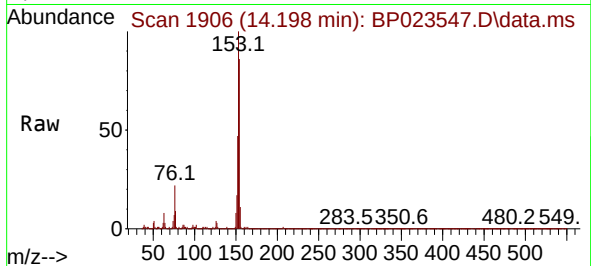
Tgt Ion:105 Resp: 184800
Ion Ratio Lower Upper
105 100
77 78.6 71.2 106.8
51 24.2 22.9 34.3





#52
Acenaphthene
Concen: 3.380 ng/ul
RT: 14.198 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

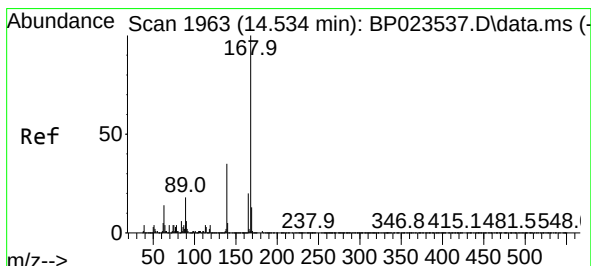
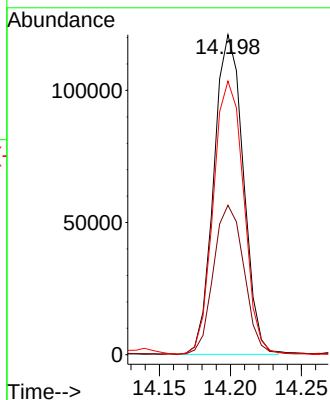
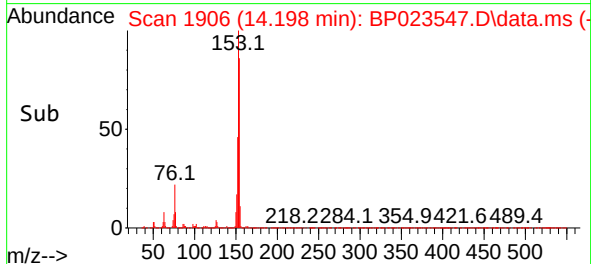
Instrument :
BNA_P
ClientSampleId :
E28Z6



Tgt Ion:153 Resp: 174704
Ion Ratio Lower Upper
153 100
152 46.7 39.0 58.6
154 85.5 71.0 106.4

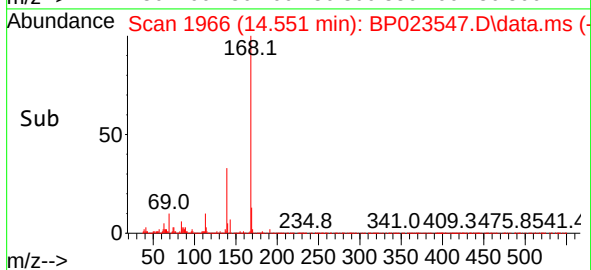
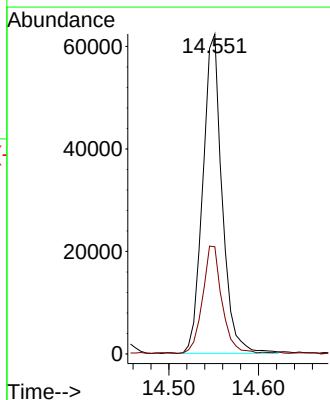
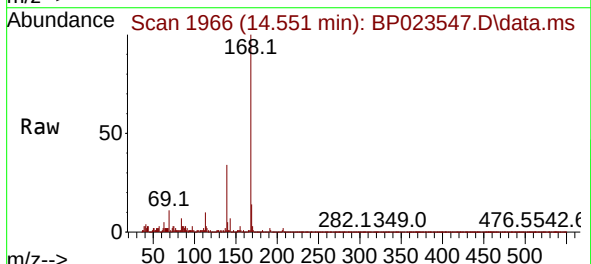
Manual Integrations
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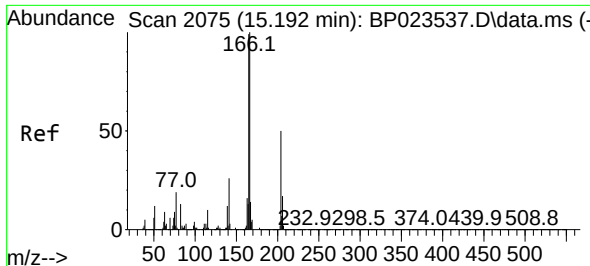
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#56
Dibenzofuran
Concen: 1.183 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

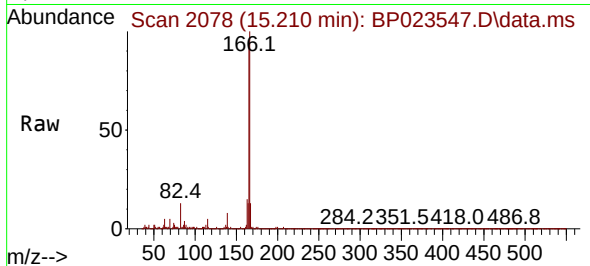
Tgt Ion:168 Resp: 92848
Ion Ratio Lower Upper
168 100
139 33.5 31.0 46.4





#61
Fluorene
Concen: 2.246 ng/ul
RT: 15.210 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

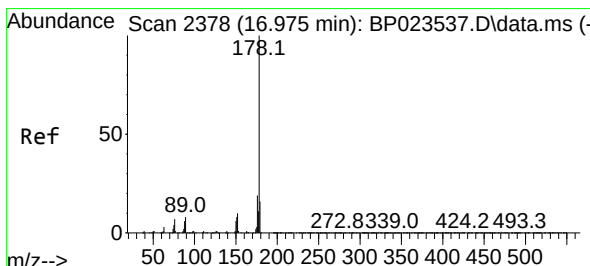
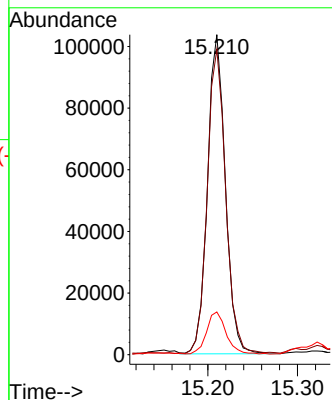
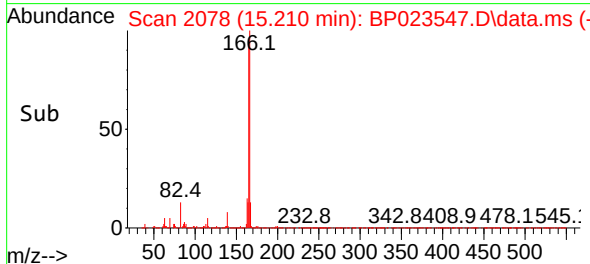
Instrument :
BNA_P
ClientSampleId :
E28Z6



Tgt Ion:166 Resp: 143562
Ion Ratio Lower Upper
166 100
165 95.5 78.5 117.7
167 13.4 11.1 16.7

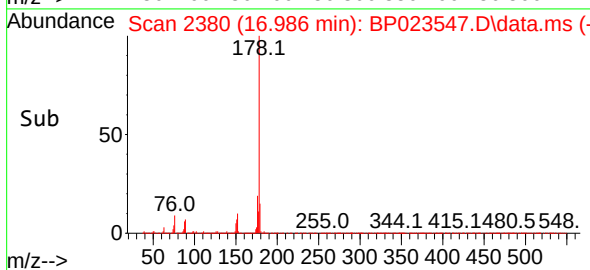
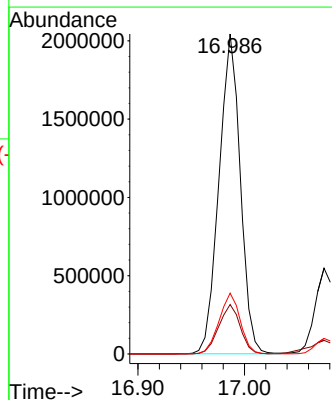
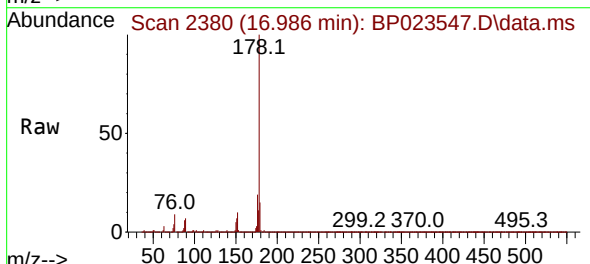
Manual Integrations
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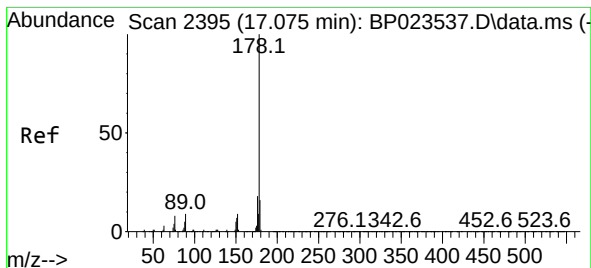
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#72
Phenanthrene
Concen: 27.898 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

Tgt Ion:178 Resp: 2834508
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.0 15.4 23.0





#74

Anthracene

Concen: 7.183 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

Instrument :

BNA_P

ClientSampleId :

E28Z6

Tgt Ion:178 Resp: 72971

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

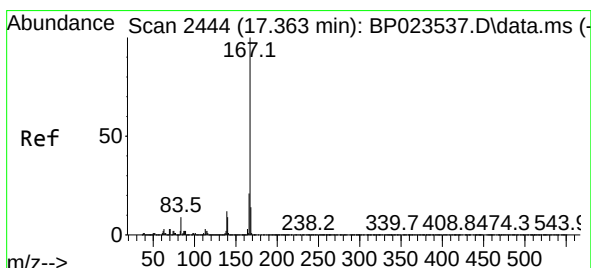
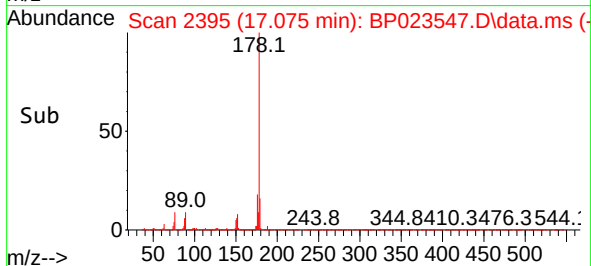
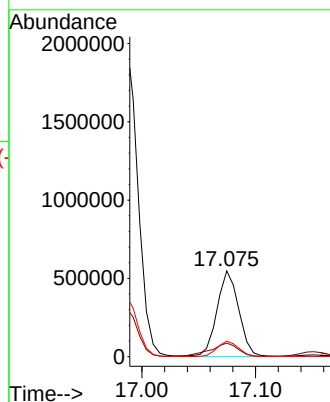
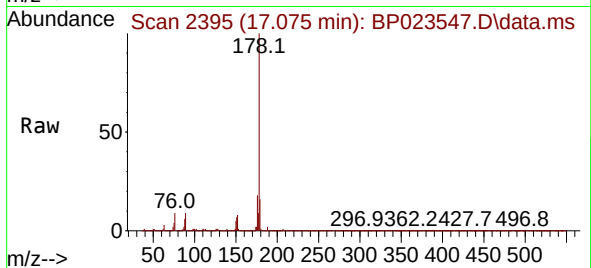
176 18.0 14.7 22.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#77

Carbazole

Concen: 3.675 ng/ul

RT: 17.375 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

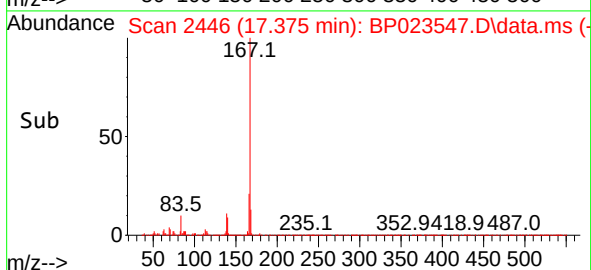
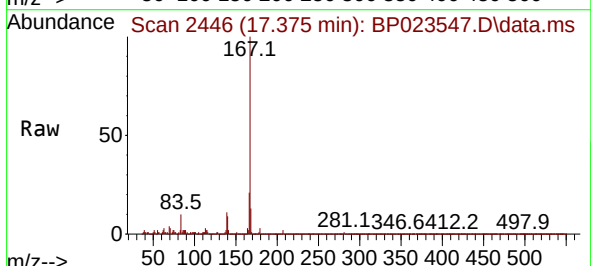
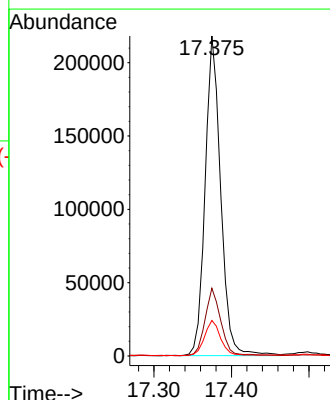
Tgt Ion:167 Resp: 304215

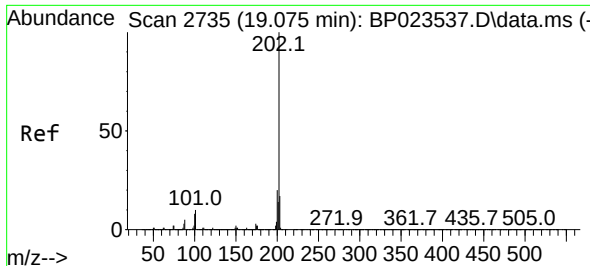
Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

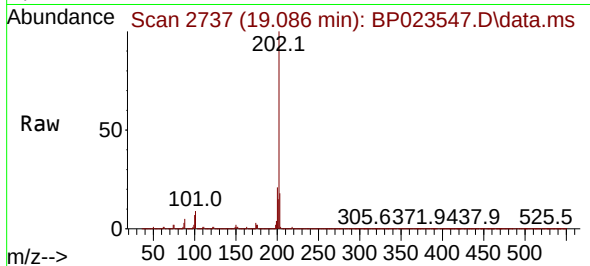
139 11.1 10.3 15.5





#80
Fluoranthene
Concen: 43.718 ng/u1
RT: 19.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

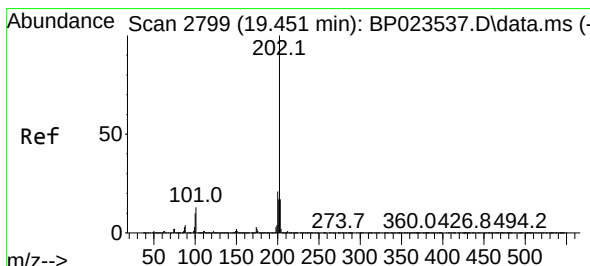
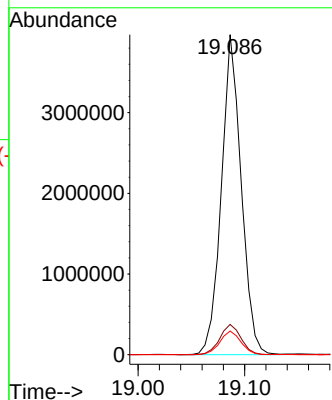
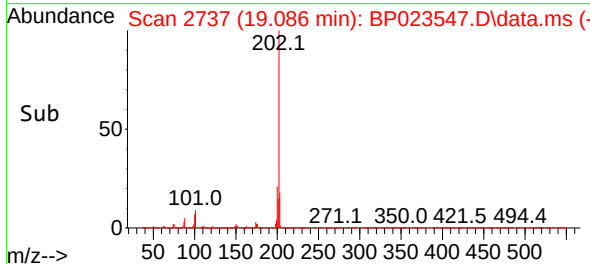
Instrument :
BNA_P
ClientSampleId :
E28Z6



Tgt Ion:202 Resp: 511872
Ion Ratio Lower Upper
202 100
101 9.4 5.6 8.4
100 7.4 4.6 7.0

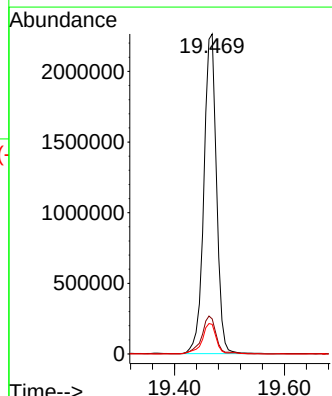
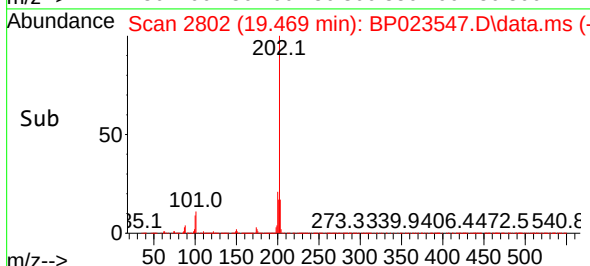
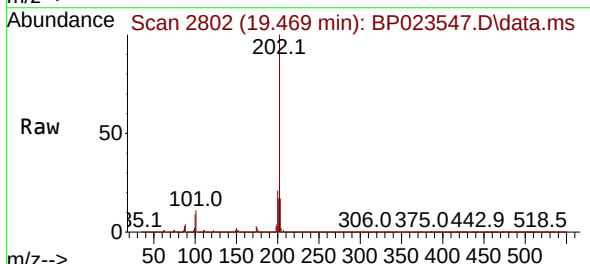
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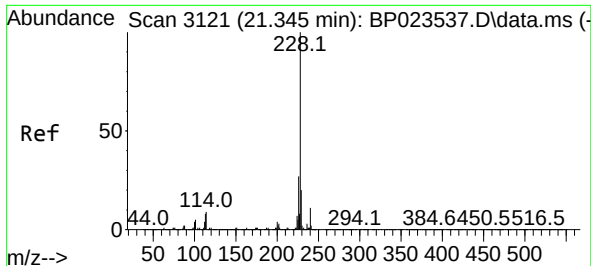
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#82
Pyrene
Concen: 29.042 ng/u1
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

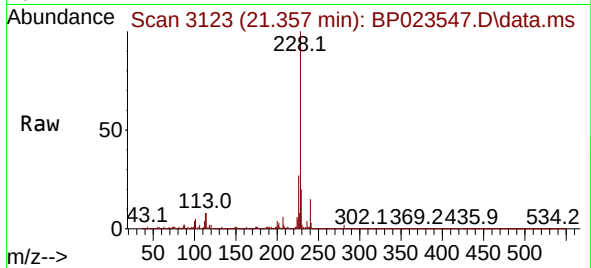
Tgt Ion:202 Resp: 3608244
Ion Ratio Lower Upper
202 100
101 11.0 6.7 10.1#
100 9.3 5.8 8.8#





#85
Benzo(a)anthracene
Concen: 17.063 ng/ul
RT: 21.357 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

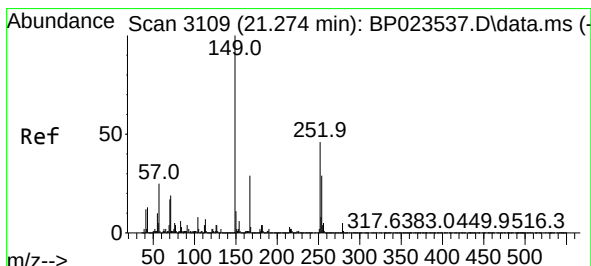
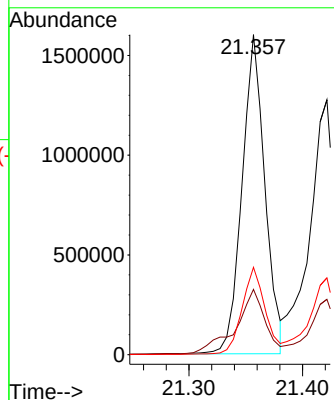
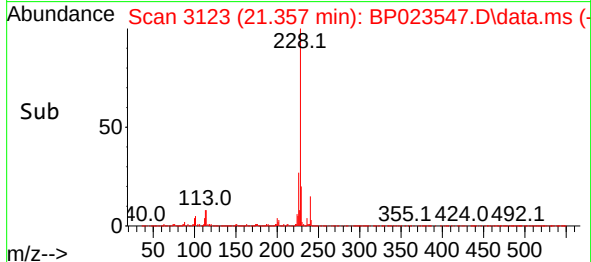
Instrument :
BNA_P
ClientSampleId :
E28Z6



Tgt Ion:228 Resp: 2237725
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.3 21.6 32.4

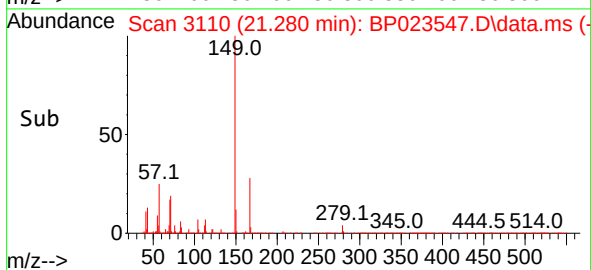
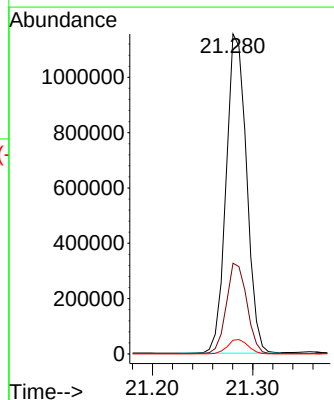
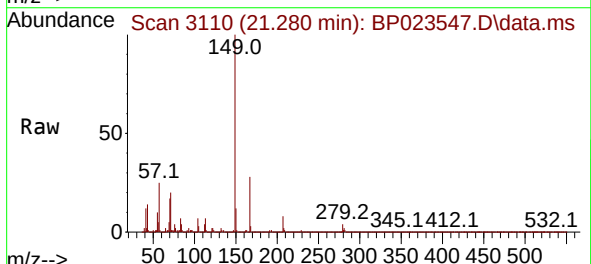
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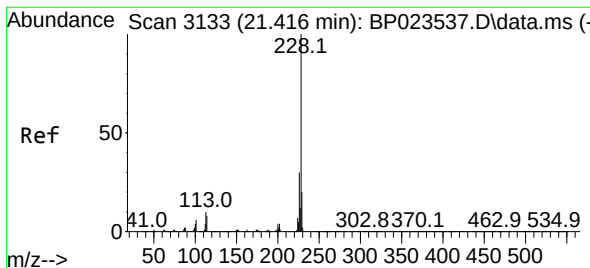
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 26.333 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP023547.D
Acq: 20 Dec 2024 04:47

Tgt Ion:149 Resp: 1627263
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 4.3 3.7 5.5





#87

Chrysene

Concen: 16.083 ng/ul

RT: 21.421 min Scan# 3133

Delta R.T. -0.018 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

Instrument :

BNA_P

ClientSampleId :

E28Z6

Tgt Ion:228 Resp: 2021310

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

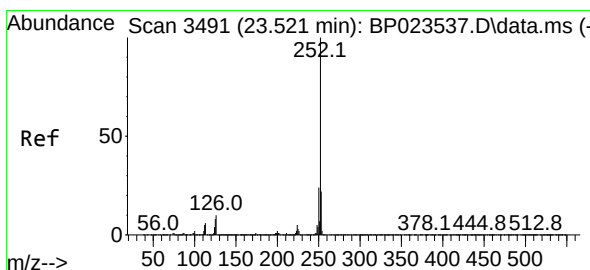
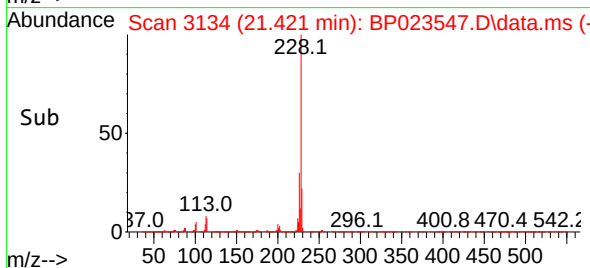
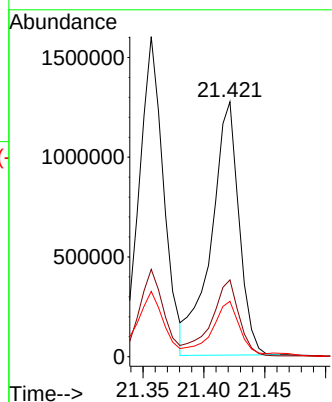
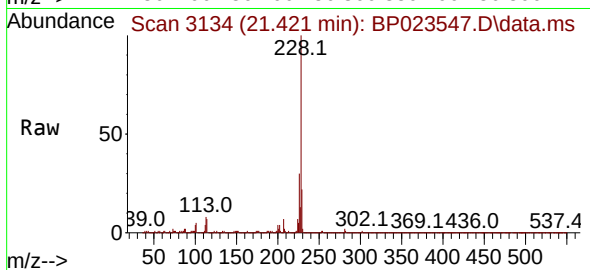
229 21.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#90

Benzo(b)fluoranthene

Concen: 18.747 ng/ul

RT: 23.551 min Scan# 3496

Delta R.T. -0.006 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

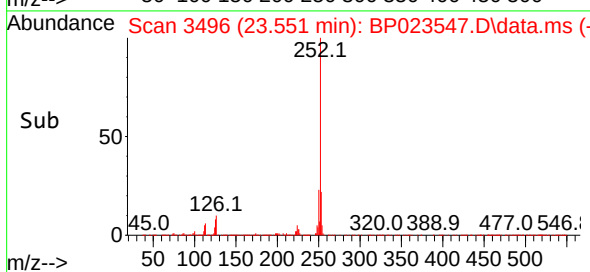
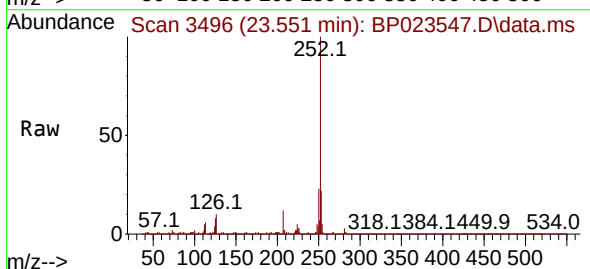
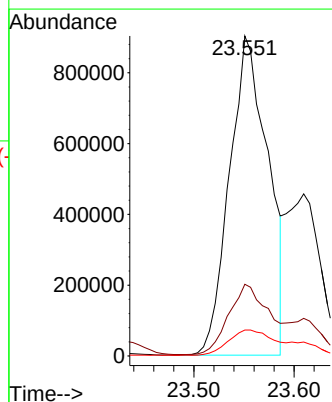
Tgt Ion:252 Resp: 2412659

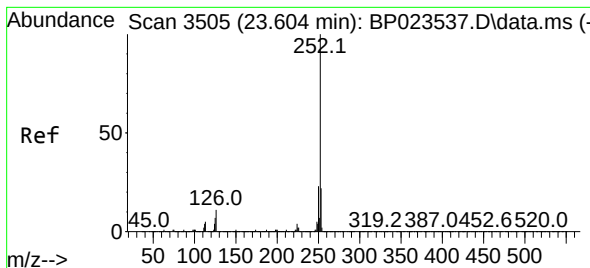
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 8.1 4.4 6.6#





#91

Benzo(k)fluoranthene

Concen: 8.114 ng/ul m

RT: 23.610 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

Instrument :

BNA_P

ClientSampleId :

E28Z6

Tgt Ion:252 Resp: 103889

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

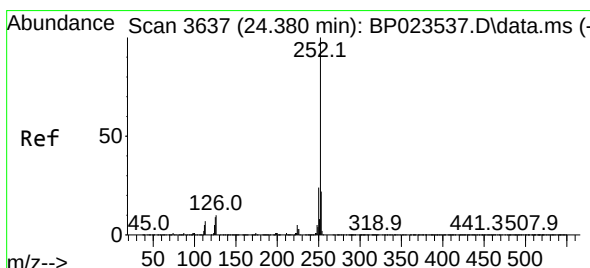
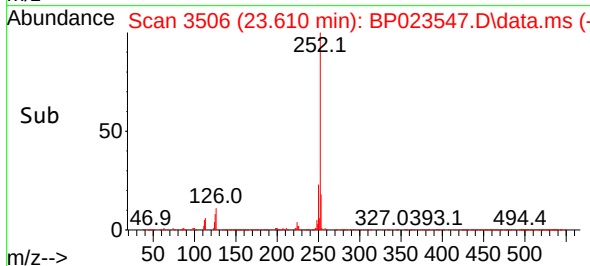
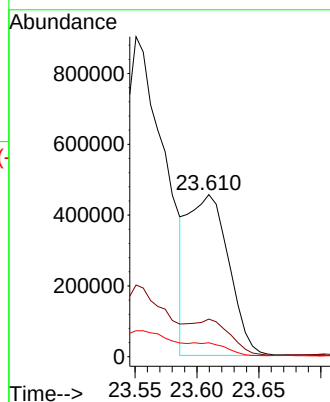
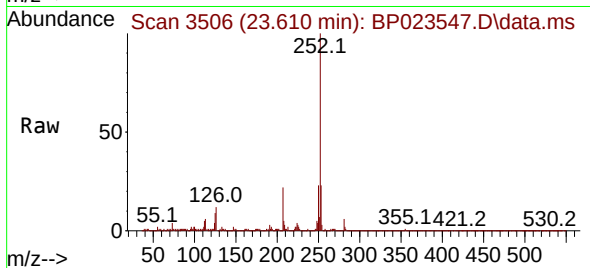
125 8.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#93

Benzo(a)pyrene

Concen: 9.436 ng/ul

RT: 24.398 min Scan# 3640

Delta R.T. -0.012 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

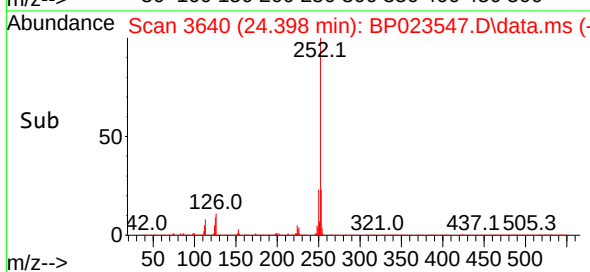
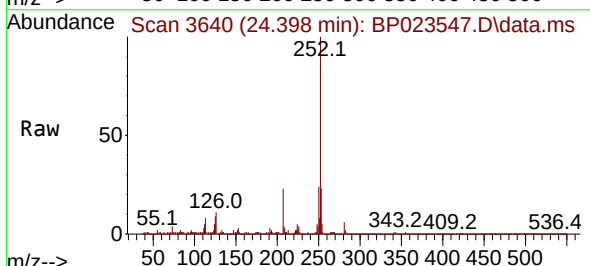
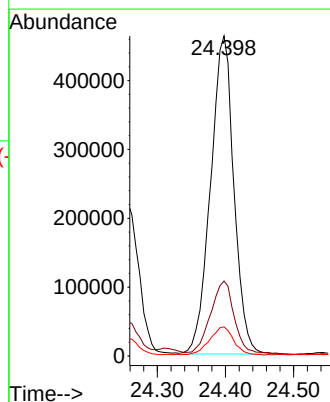
Tgt Ion:252 Resp: 1101034

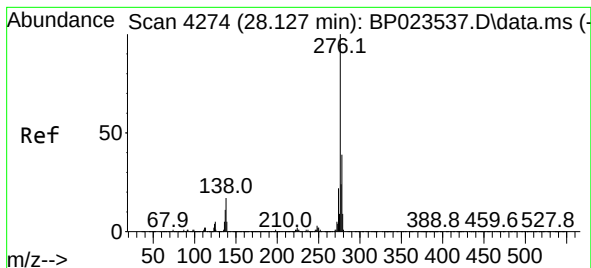
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 9.1 5.0 7.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.804 ng/ul m

RT: 28.127 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

Instrument :

BNA_P

ClientSampleId :

E28Z6

Tgt Ion:276 Resp: 870338

Ion Ratio Lower Upper

276 100

138 16.1 7.8 11.6

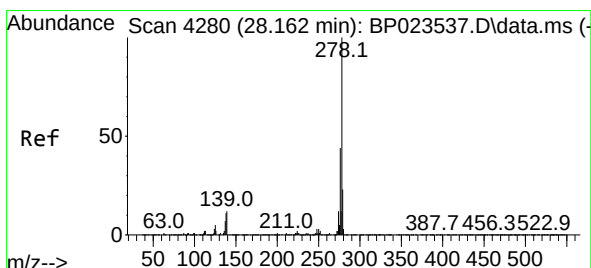
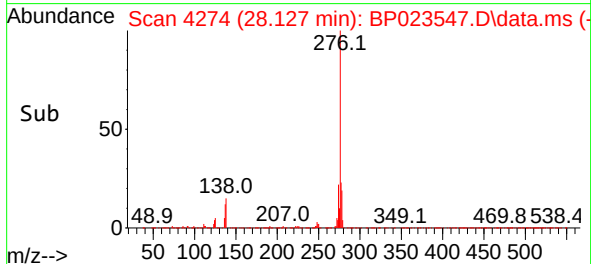
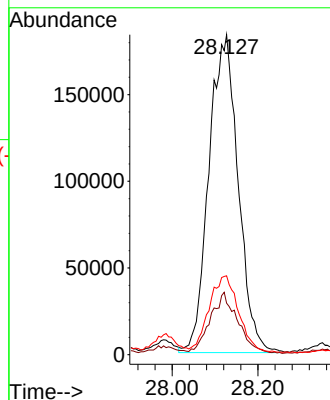
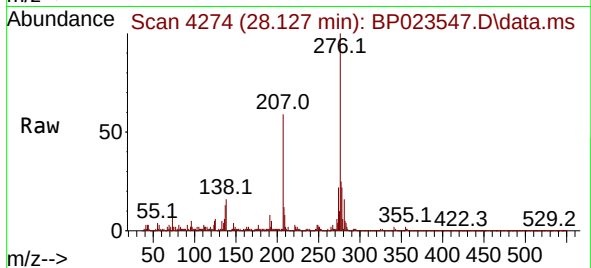
277 24.7 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.484 ng/ul m

RT: 28.168 min Scan# 4281

Delta R.T. -0.047 min

Lab File: BP023547.D

Acq: 20 Dec 2024 04:47

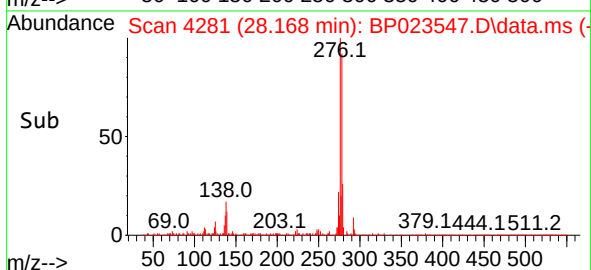
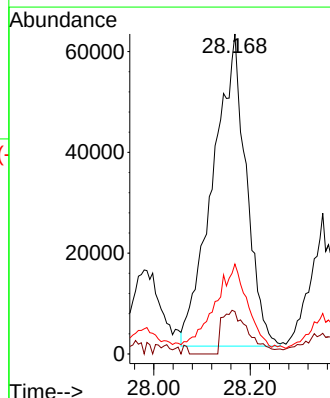
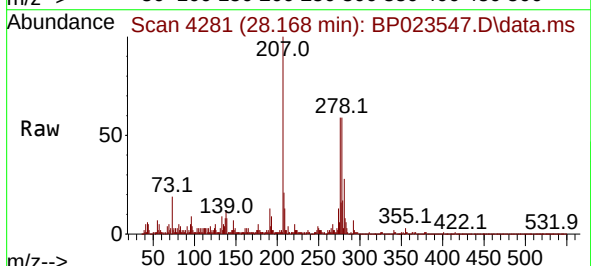
Tgt Ion:278 Resp: 298039

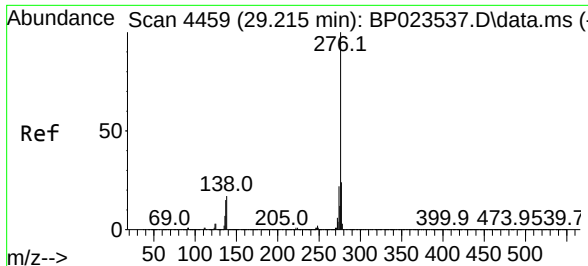
Ion Ratio Lower Upper

278 100

139 13.3 6.0 9.0

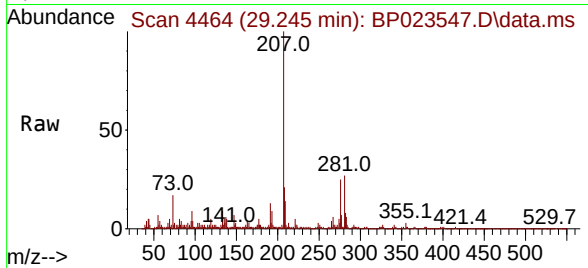
279 28.1 19.2 28.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.021 ng/ul m
 RT: 29.245 min Scan# 4464
 Delta R.T. -0.006 min
 Lab File: BP023547.D
 Acq: 20 Dec 2024 04:47

Instrument :
 BNA_P
 ClientSampleId :
 E28Z6



Tgt Ion:	276	Resp:	11726
Ion Ratio	Lower	Upper	
276	100		
138	19.0	8.5	12.7
277	25.9	18.9	28.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

