

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019797.D
 Acq On : 20 Feb 2024 21:33
 Operator : MA/JU
 Sample : P1141-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-3-2-4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 20 23:56:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	82876	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	310865	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	208456	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	495963	20.000	ng	0.00
76) Chrysene-d12	21.380	240	521609	20.000	ng	-0.01
86) Perylene-d12	23.798	264	589401	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	373487	72.642	ng	0.00
7) Phenol-d6	7.069	99	485213	69.991	ng	0.00
23) Nitrobenzene-d5	9.063	82	332318	46.322	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	287465	94.449	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	723786	42.923	ng	0.00
79) Terphenyl-d14	19.851	244	1369951	43.192	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.328	178	128121	4.909	ng	98
74) Di-n-butylphthalate	18.257	149	206442	7.218	ng	100
75) Fluoranthene	19.298	202	317971	9.972	ng	98
78) Pyrene	19.651	202	297191	8.073	ng	100
80) Butylbenzylphthalate	20.539	149	37723	2.744	ng	98
81) Benzo(a)anthracene	21.363	228	175058	4.768	ng	96
83) Chrysene	21.416	228	156175	4.480	ng	97
84) Bis(2-ethylhexyl)phtha...	21.298	149	59393	2.837	ng	98
87) Indeno(1,2,3-cd)pyrene	26.315	276	105998	2.349	ng	# 96
88) Benzo(b)fluoranthene	23.063	252	210048	5.654	ng	# 93
89) Benzo(k)fluoranthene	23.104	252	74401m	2.097	ng	
90) Benzo(a)pyrene	23.692	252	153881	4.656	ng	# 97
92) Benzo(g,h,i)perylene	27.098	276	110087	2.924	ng	94

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

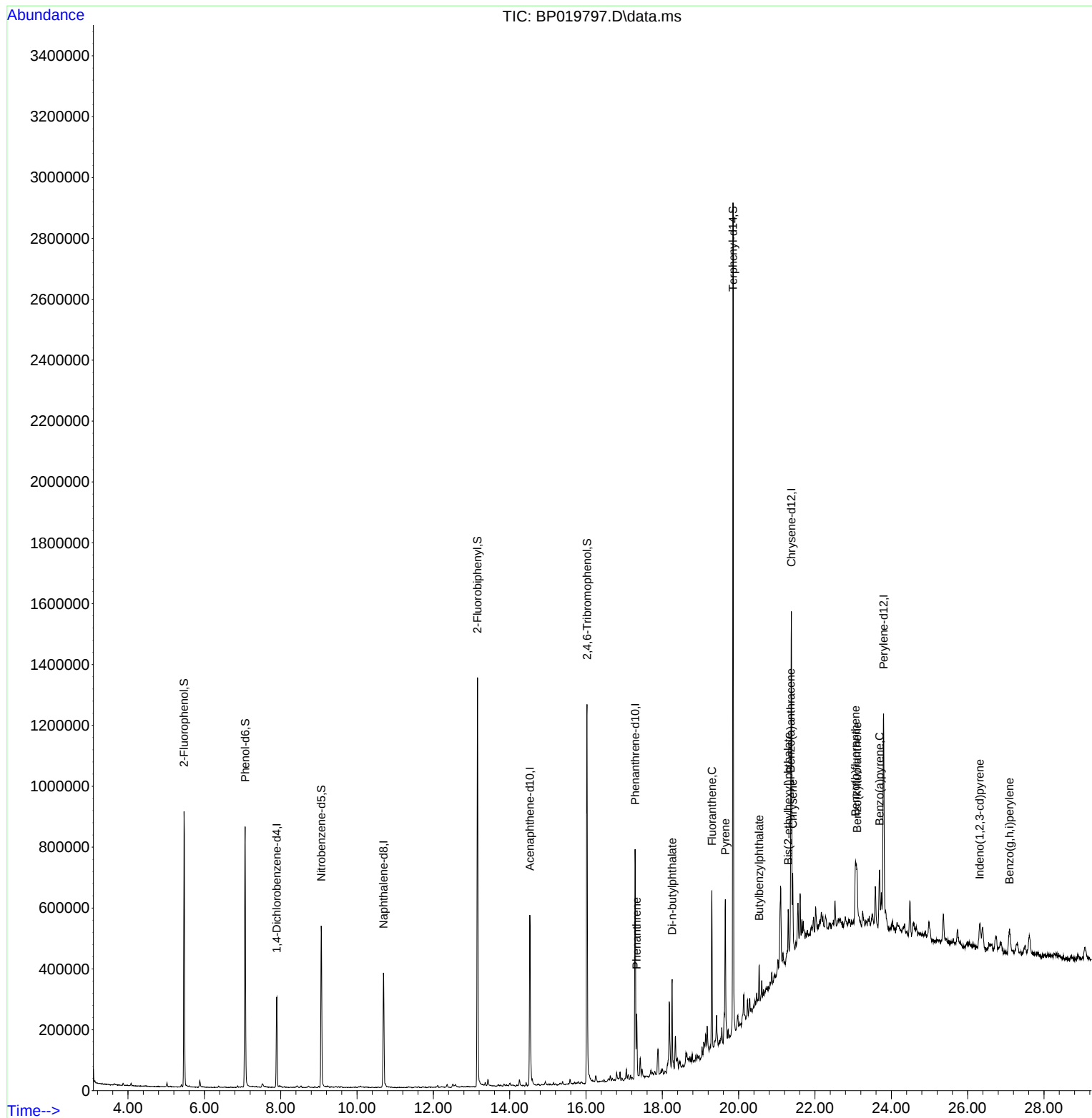
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
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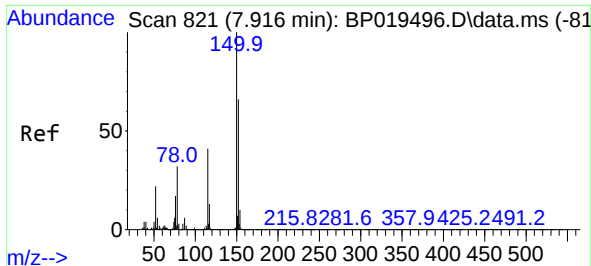
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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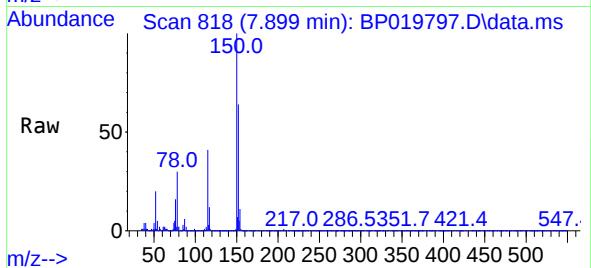
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

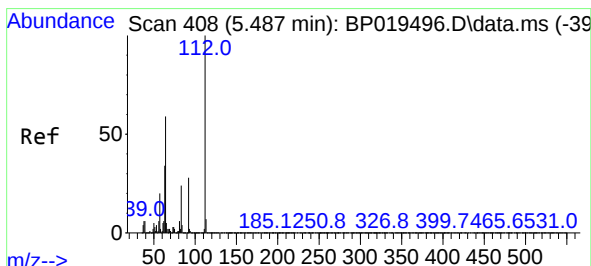
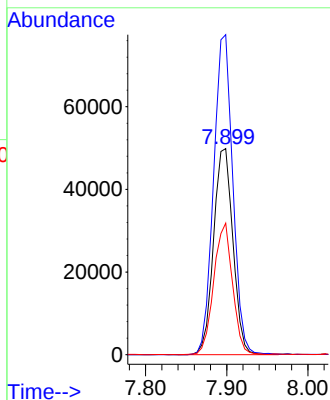
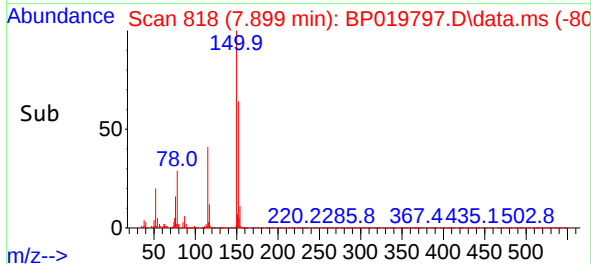
Instrument :
BNA_P
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EB-3-2-4



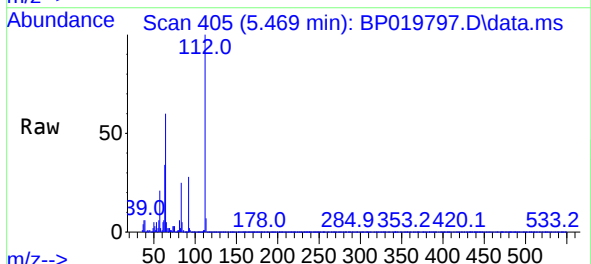
Tgt Ion:152 Resp: 82870
Ion Ratio Lower Upper
152 100
150 155.3 121.8 182.8
115 63.8 49.9 74.9

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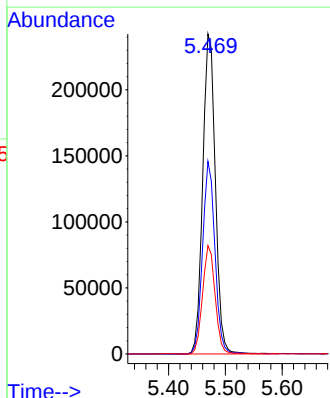
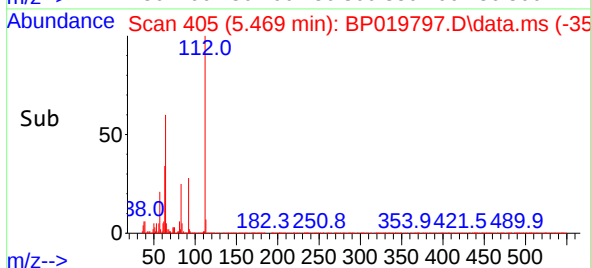
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024

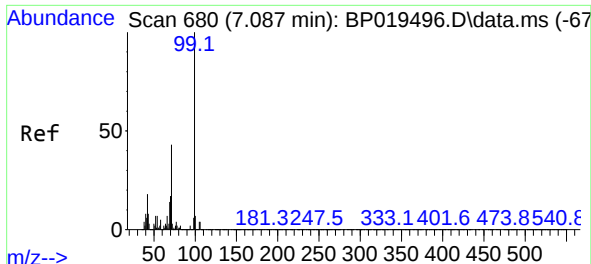


#5
2-Fluorophenol
Concen: 72.642 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33



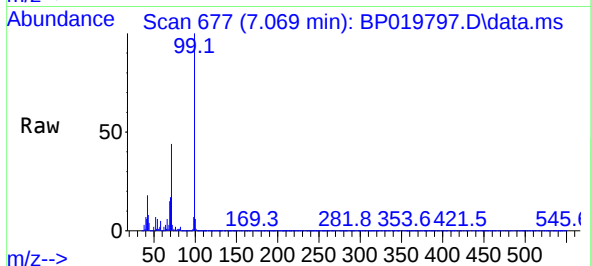
Tgt Ion:112 Resp: 373487
Ion Ratio Lower Upper
112 100
64 60.2 47.4 71.0
63 33.9 27.0 40.6





#7
Phenol-d6
Concen: 69.991 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

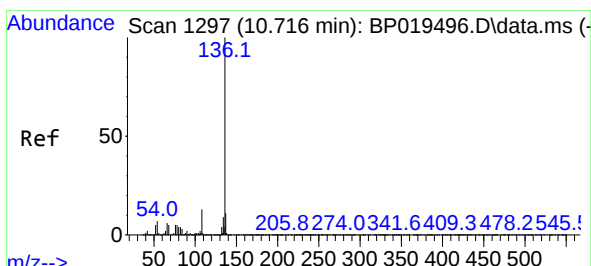
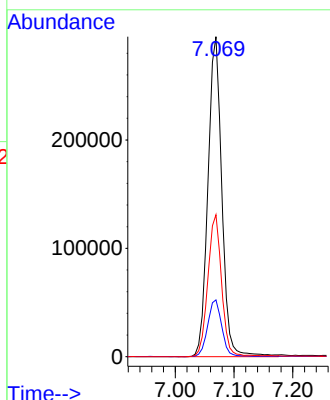
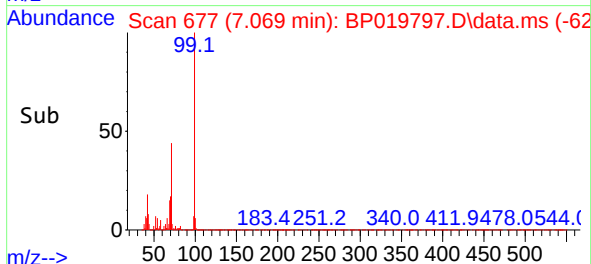
Instrument :
BNA_P
ClientSampleId :
EB-3-2-4



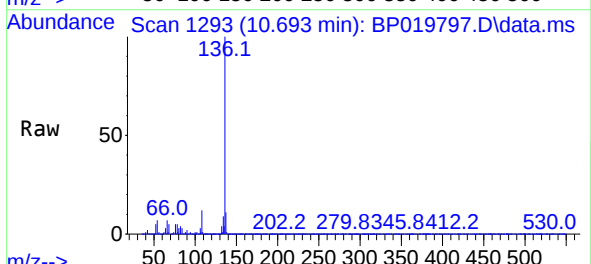
Tgt Ion: 99 Resp: 48521
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 44.3 34.8 52.2

Manual Integrations
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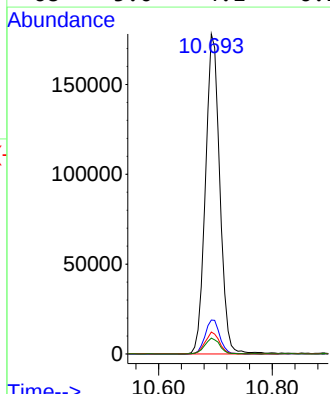
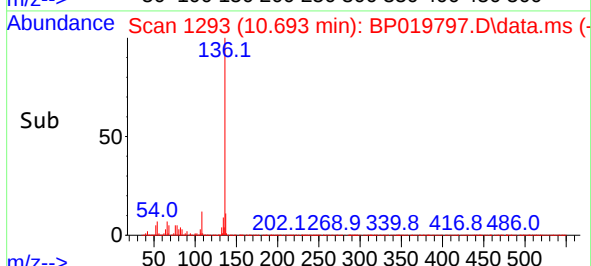
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024

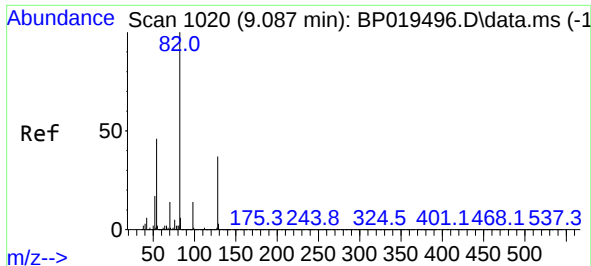


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33



Tgt Ion:136 Resp: 310865
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.3 7.9
68 5.0 4.1 6.1





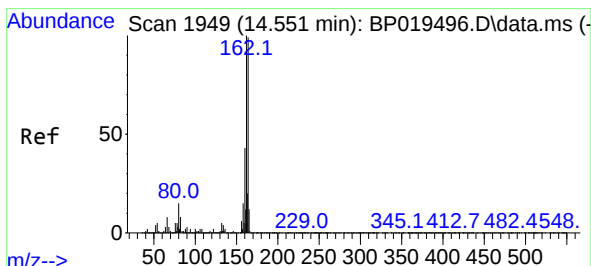
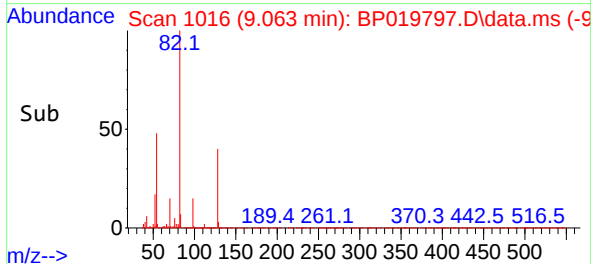
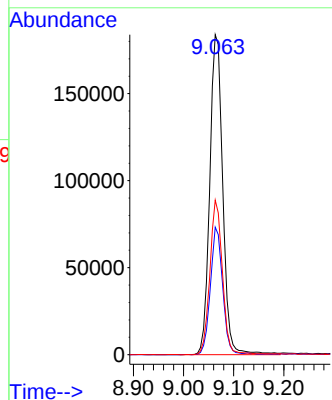
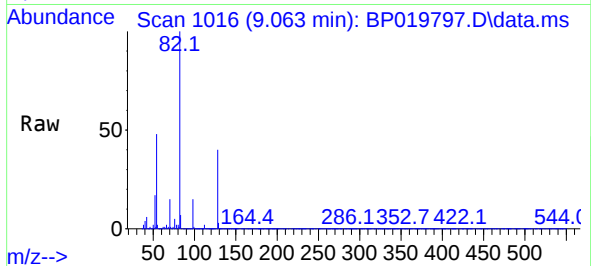
#23
Nitrobenzene-d5
Concen: 46.322 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Instrument :
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ClientSampleId :
EB-3-2-4

Tgt Ion: 82 Resp: 332318
Ion Ratio Lower Upper
82 100
128 39.8 29.7 44.5
54 48.3 36.8 55.2

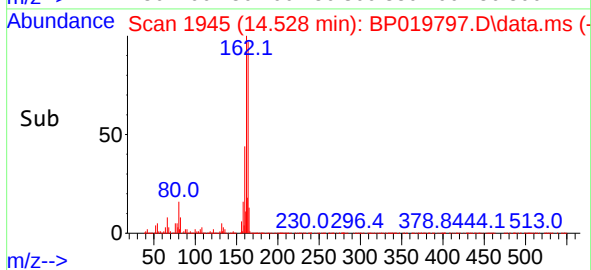
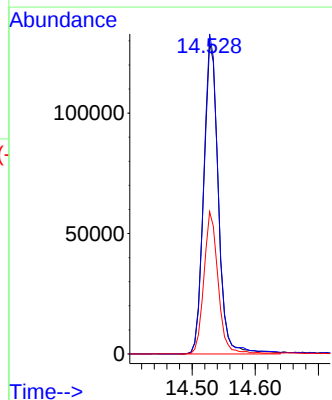
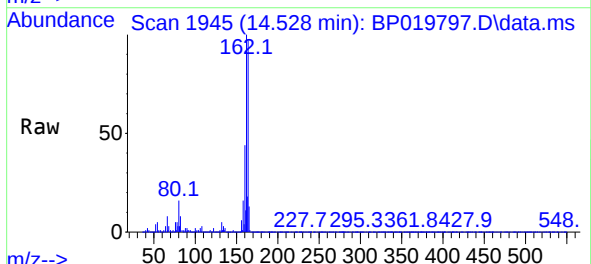
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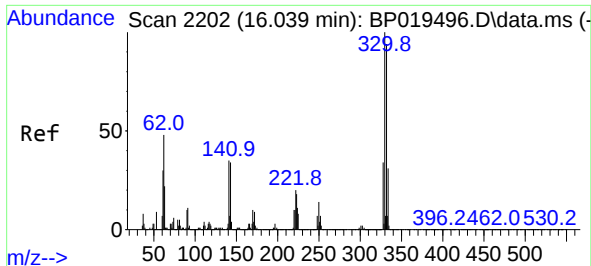
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

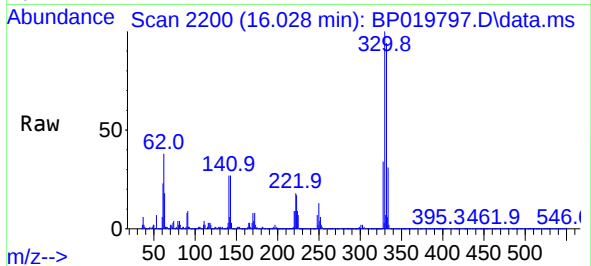
Tgt Ion:164 Resp: 208456
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 45.6 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 94.449 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

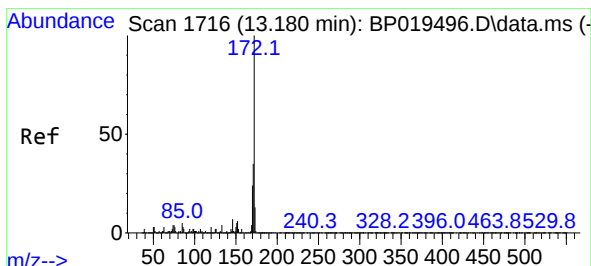
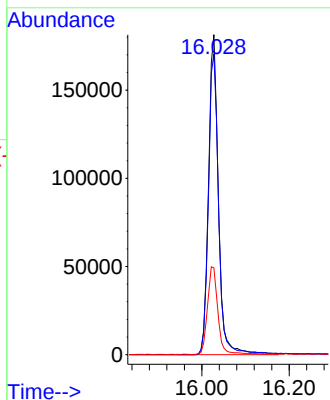
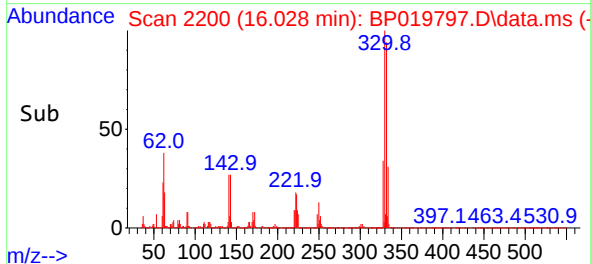
Instrument :
BNA_P
ClientSampleId :
EB-3-2-4



Tgt Ion:330 Resp: 28746
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 29.0 27.0 40.4

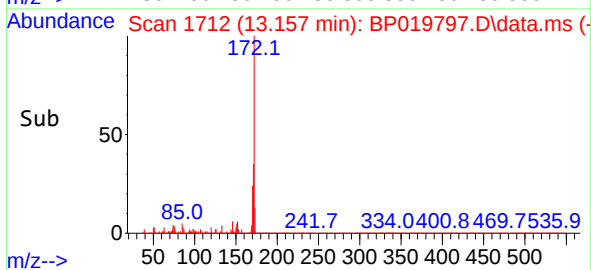
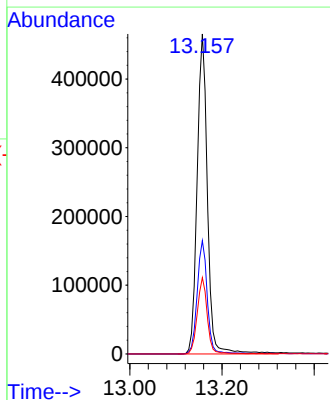
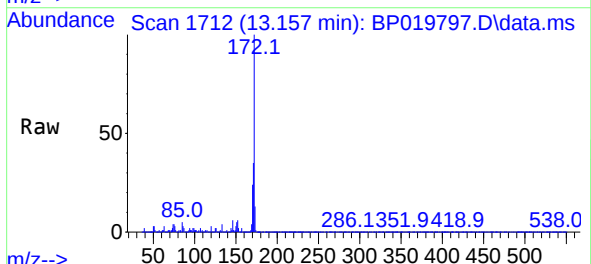
Manual Integrations
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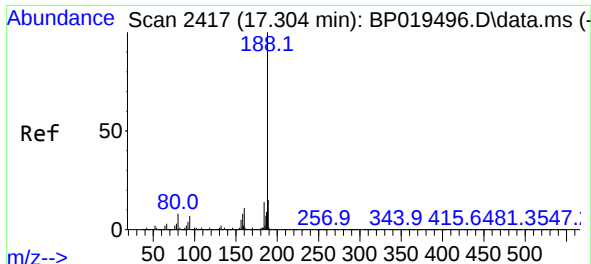
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#45
2-Fluorobiphenyl
Concen: 42.923 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Tgt Ion:172 Resp: 723786
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.8 18.9 28.3





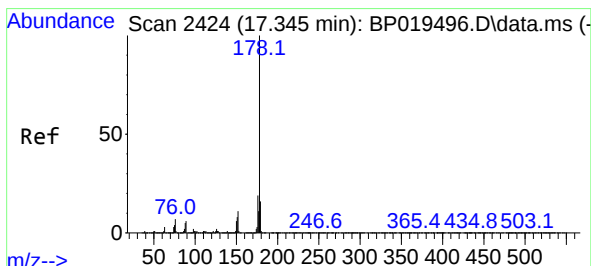
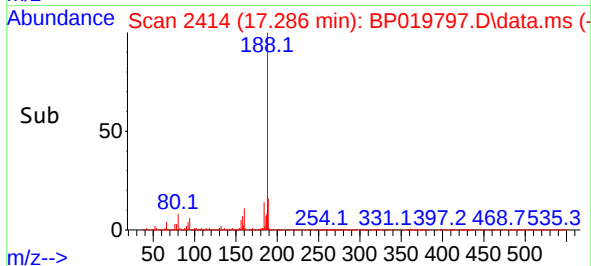
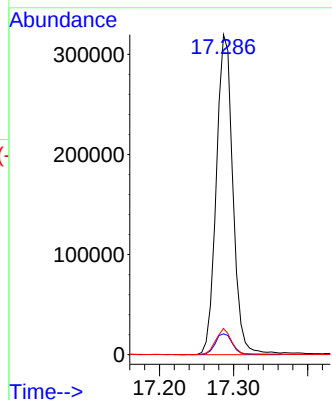
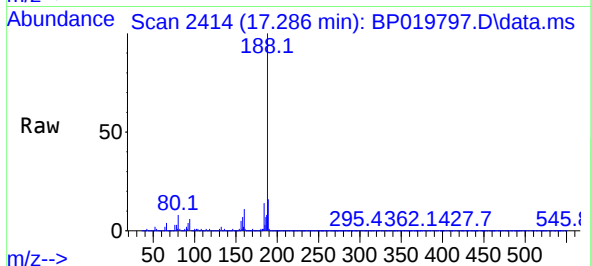
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Instrument :
BNA_P
ClientSampleId :
EB-3-2-4

Tgt Ion:188 Resp: 49596
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 8.2 6.3 9.5

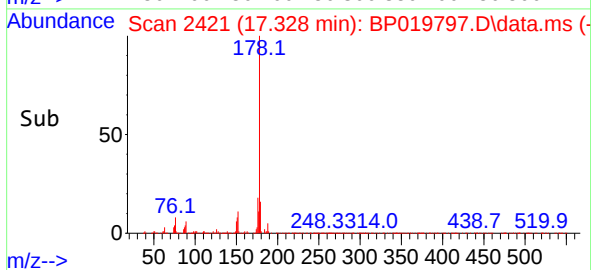
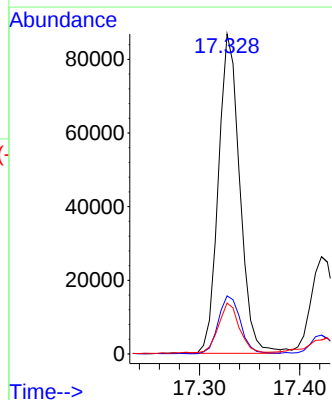
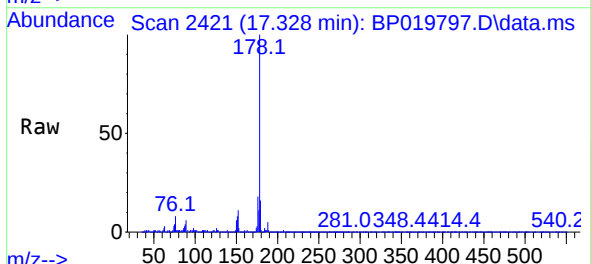
Manual Integrations
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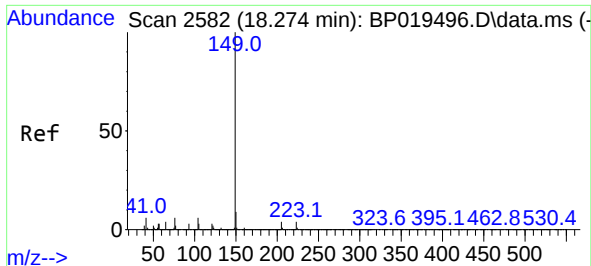
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#71
Phenanthrene
Concen: 4.909 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Tgt Ion:178 Resp: 128121
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.9 12.6 19.0





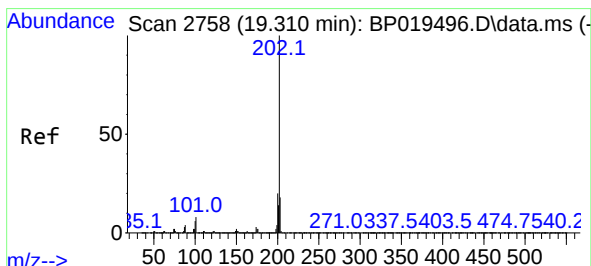
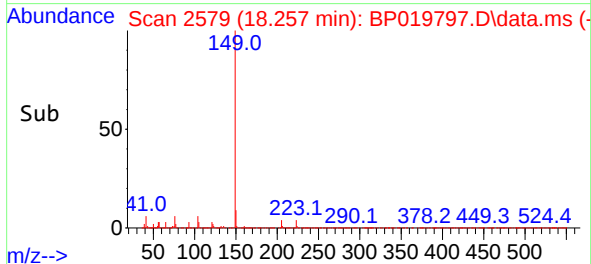
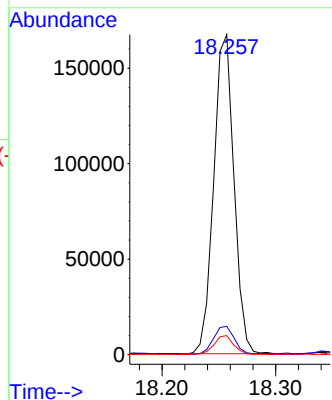
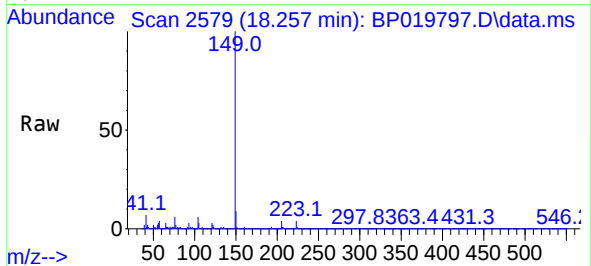
#74
Di-n-butylphthalate
Concen: 7.218 ng
RT: 18.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Instrument :
BNA_P
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EB-3-2-4

Tgt Ion:149 Resp: 20644
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 5.9 4.8 7.2

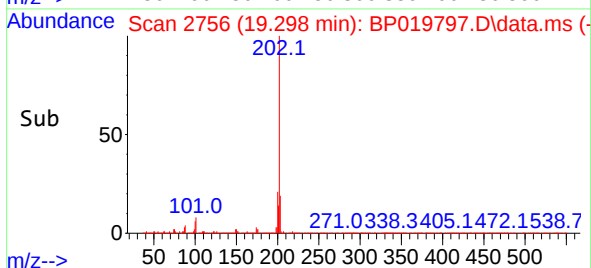
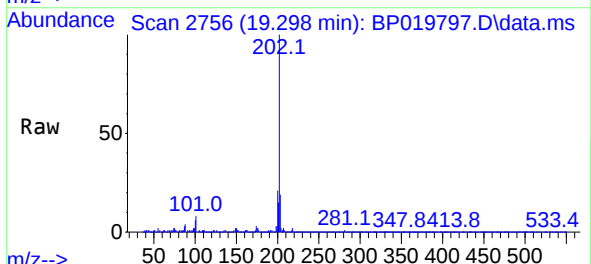
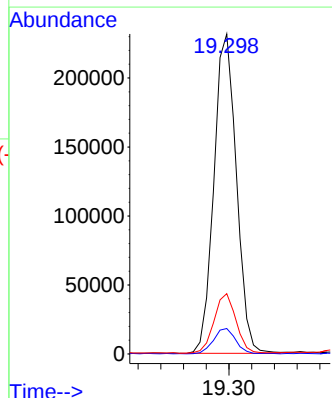
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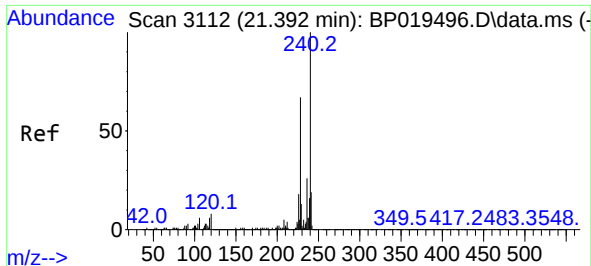
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#75
Fluoranthene
Concen: 9.972 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

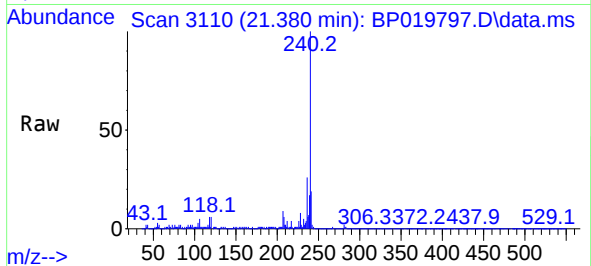
Tgt Ion:202 Resp: 317971
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 18.9 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

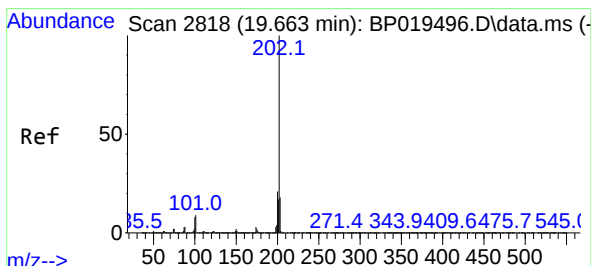
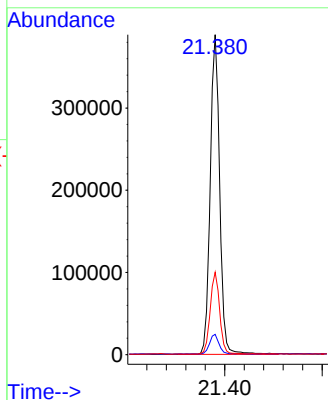
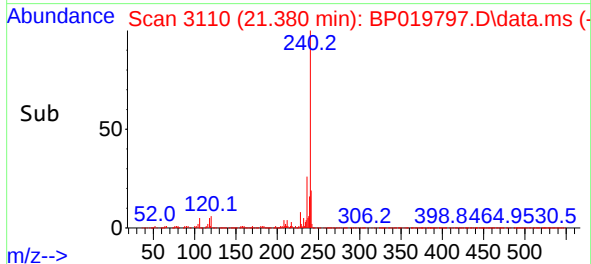
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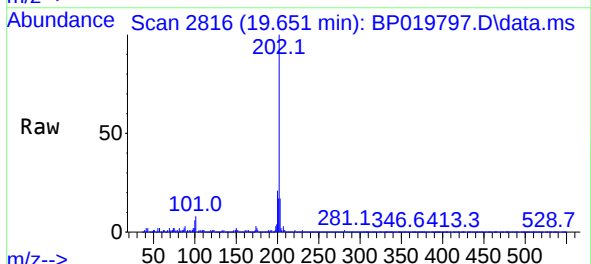
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Ion Ratio Lower Upper
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236 25.8 20.7 31.1

Manual Integrations
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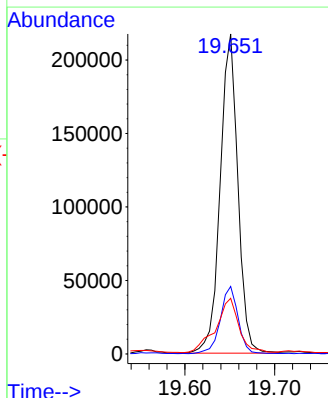
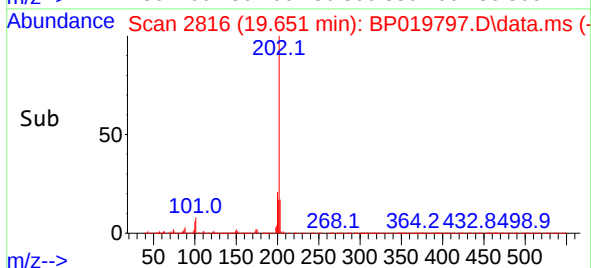
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024

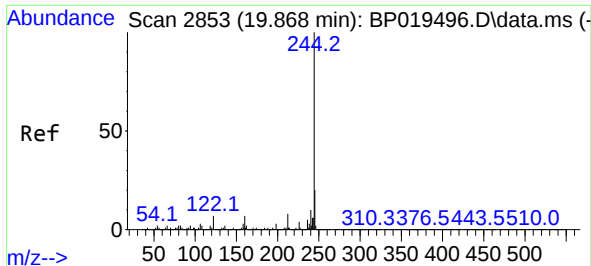


#78
Pyrene
Concen: 8.073 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33



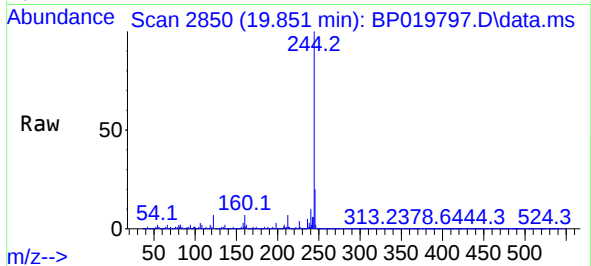
Tgt Ion:202 Resp: 297191
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 14.2 21.2





#79
Terphenyl-d14
Concen: 43.192 ng
RT: 19.851 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

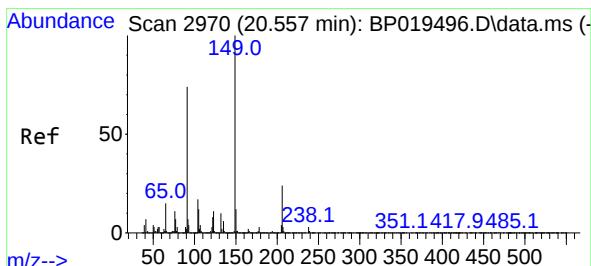
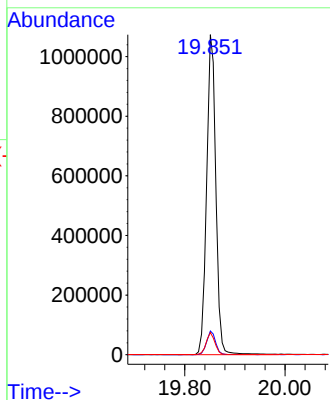
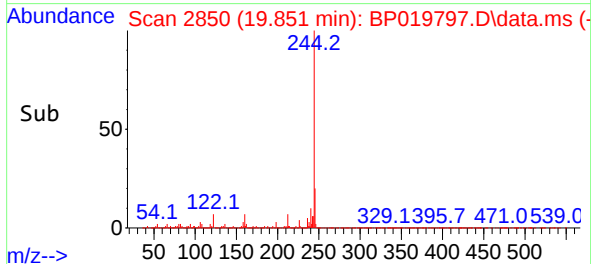
Instrument :
BNA_P
ClientSampleId :
EB-3-2-4



Tgt Ion:244 Resp: 136995
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.9 5.9 8.9

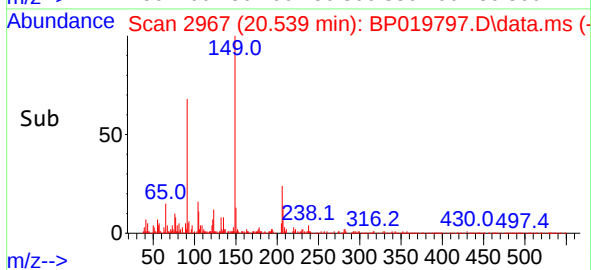
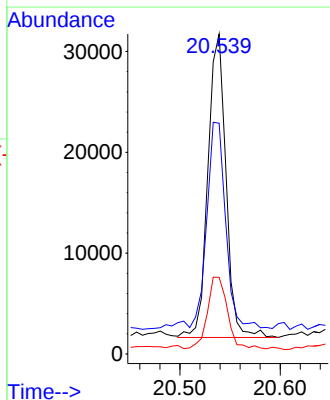
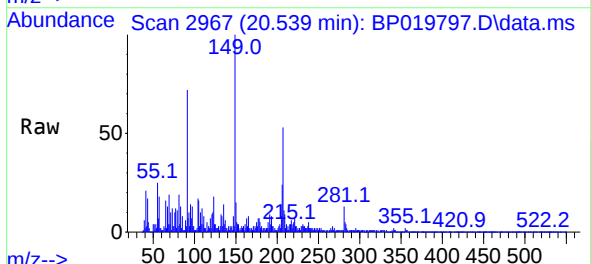
Manual Integrations
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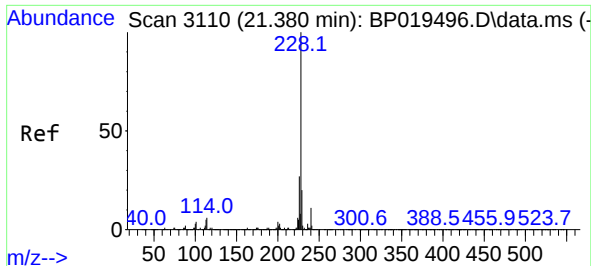
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#80
Butylbenzylphthalate
Concen: 2.744 ng
RT: 20.539 min Scan# 2967
Delta R.T. -0.006 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Tgt Ion:149 Resp: 37723
Ion Ratio Lower Upper
149 100
91 72.1 59.4 89.0
206 24.0 19.0 28.6





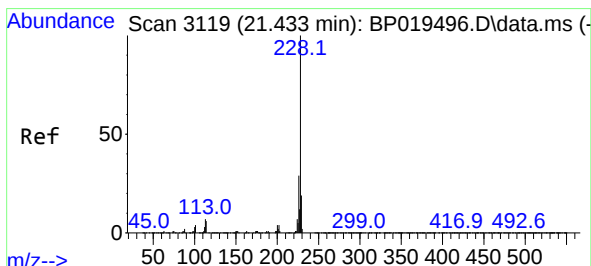
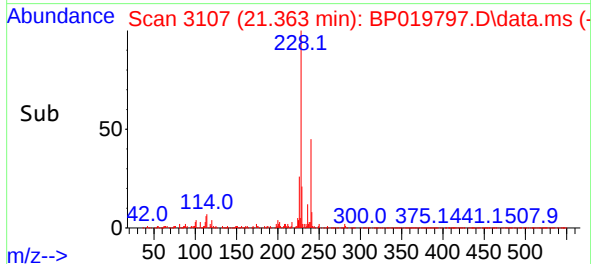
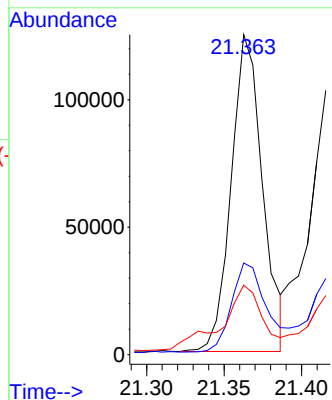
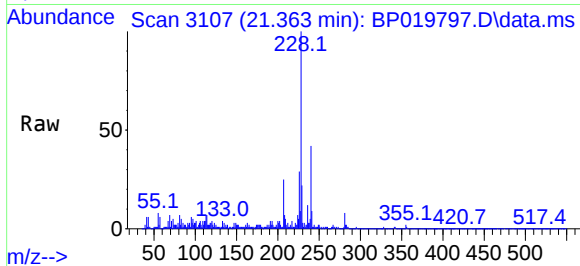
#81
Benzo(a)anthracene
Concen: 4.768 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Instrument :
BNA_P
ClientSampleId :
EB-3-2-4

Tgt Ion:228 Resp: 175058
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 21.7 15.6 23.4

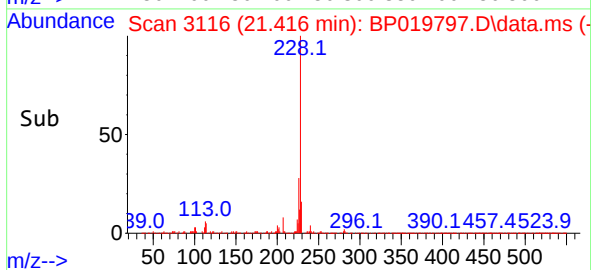
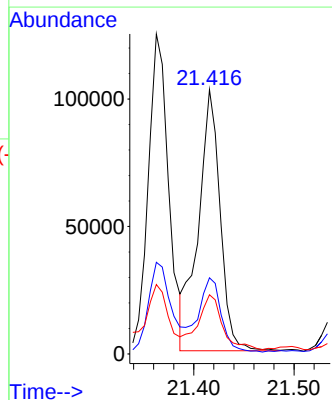
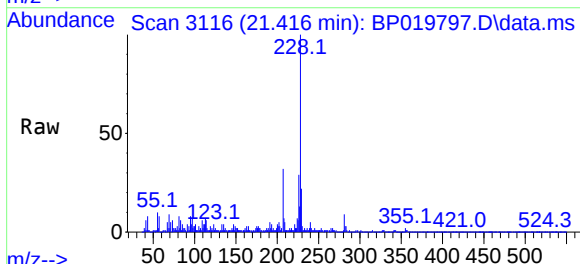
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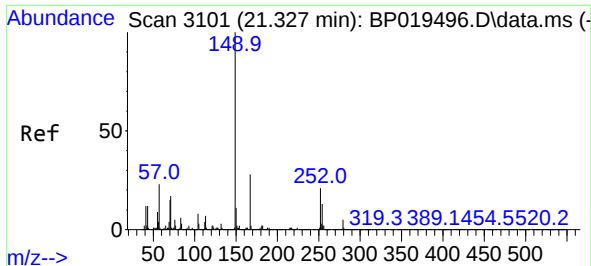
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#83
Chrysene
Concen: 4.480 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

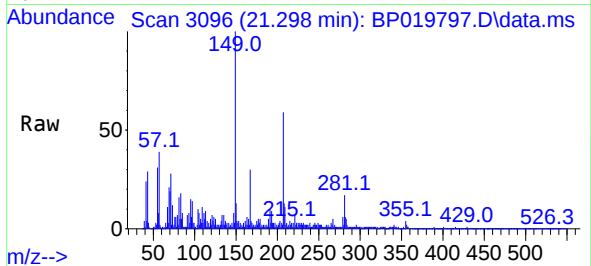
Tgt Ion:228 Resp: 156175
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 22.4 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.837 ng
RT: 21.298 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

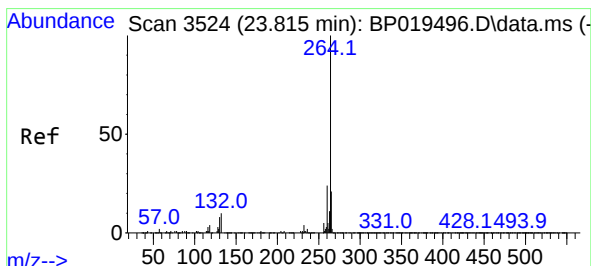
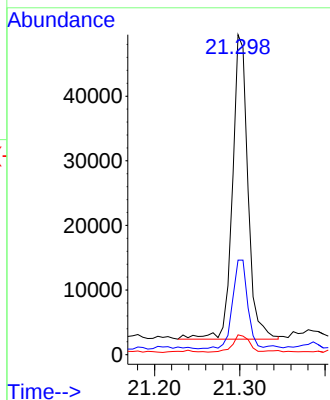
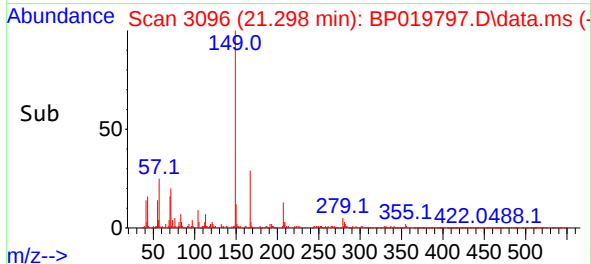
Instrument :
BNA_P
ClientSampleId :
EB-3-2-4



Tgt Ion:149 Resp: 5939
Ion Ratio Lower Upper
149 100
167 29.5 22.7 34.1
279 6.2 4.2 6.2

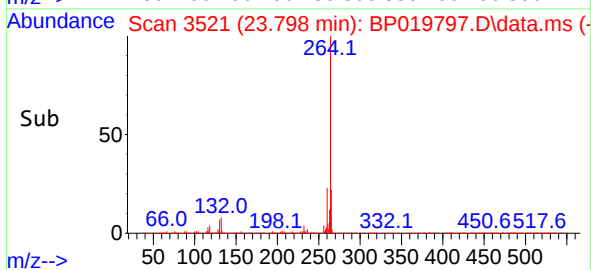
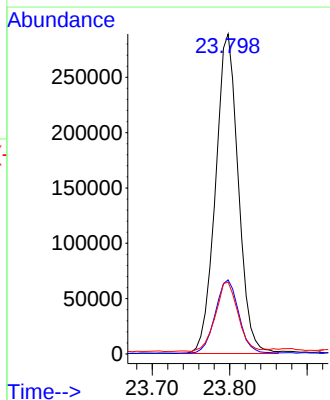
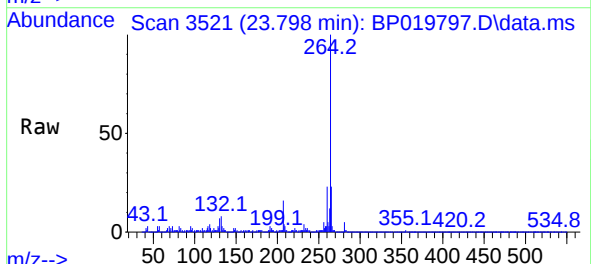
Manual Integrations
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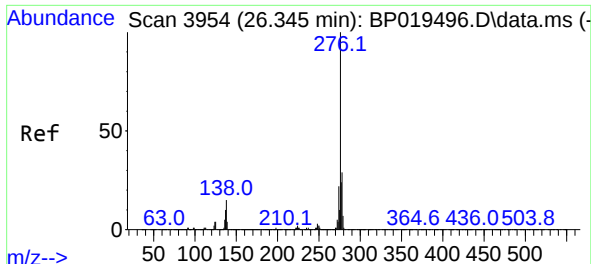
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

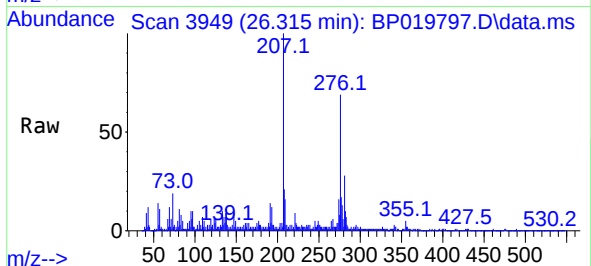
Tgt Ion:264 Resp: 589401
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.349 ng
RT: 26.315 min Scan# 3949
Delta R.T. -0.029 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

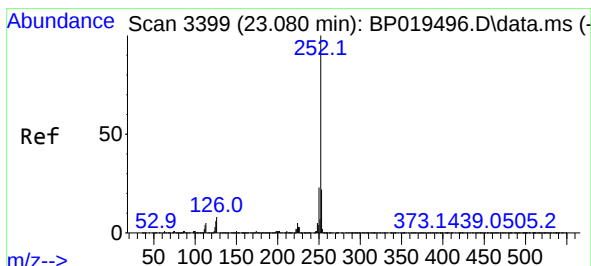
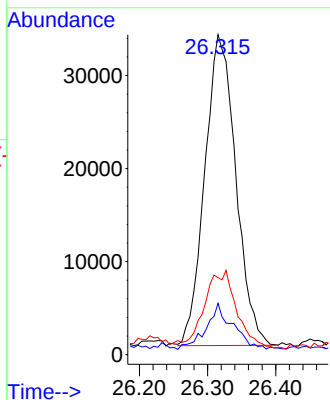
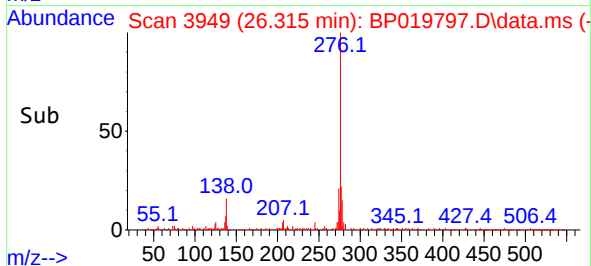
Instrument :
BNA_P
ClientSampleId :
EB-3-2-4



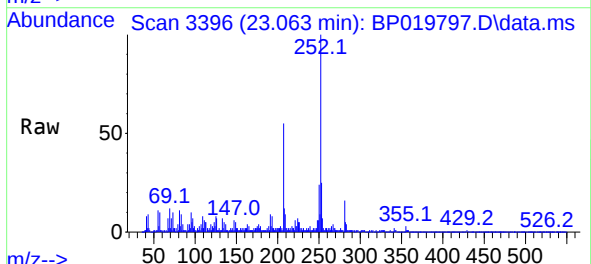
Tgt Ion:276 Resp: 105998
Ion Ratio Lower Upper
276 100
138 12.8 13.1 19.7
277 25.7 20.3 30.5

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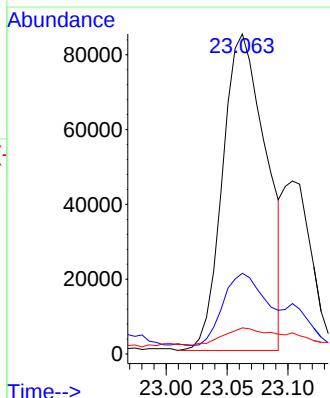
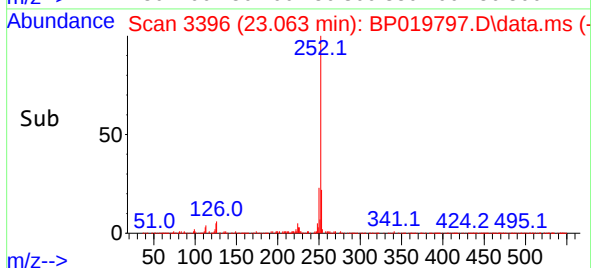
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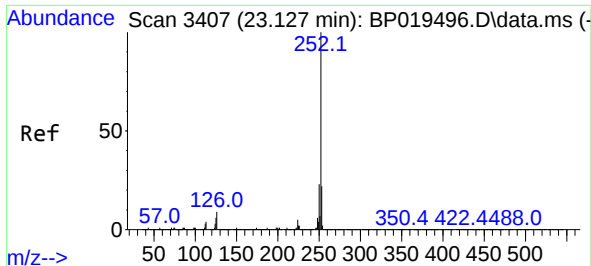


#88
Benzo(b)fluoranthene
Concen: 5.654 ng
RT: 23.063 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33



Tgt Ion:252 Resp: 210048
Ion Ratio Lower Upper
252 100
253 25.2 17.3 25.9
125 8.2 4.9 7.3





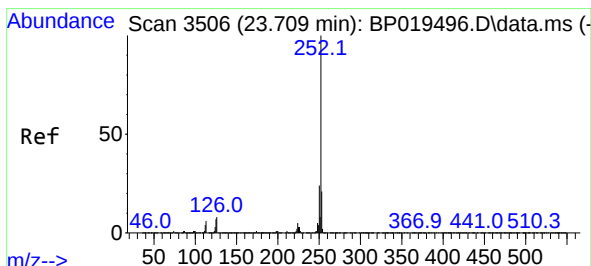
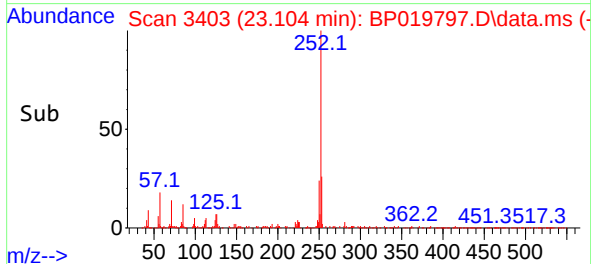
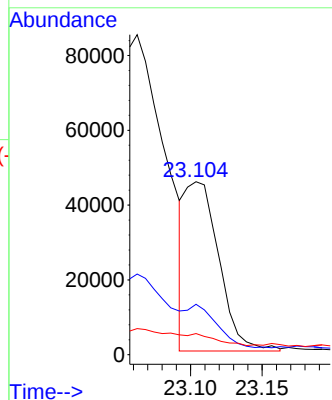
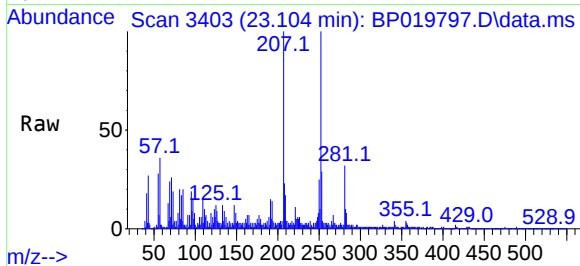
#89
Benzo(k)fluoranthene
Concen: 2.097 ng m
RT: 23.104 min Scan# 3403
Delta R.T. -0.018 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Instrument :
BNA_P
ClientSampleId :
EB-3-2-4

Tgt Ion:252 Resp: 7440
Ion Ratio Lower Upper
252 100
253 29.1 17.1 25.7
125 12.3 5.0 7.6

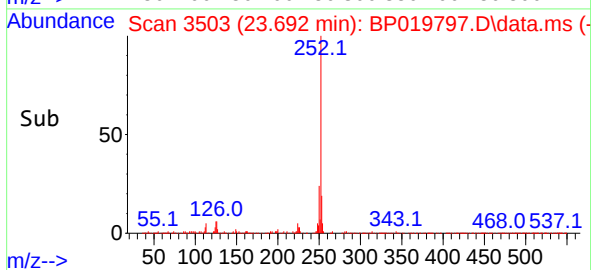
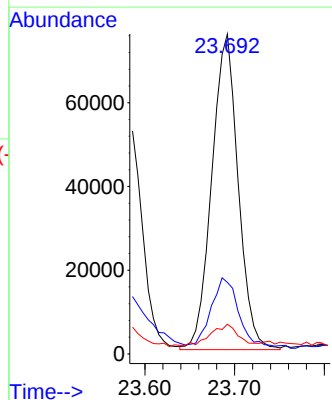
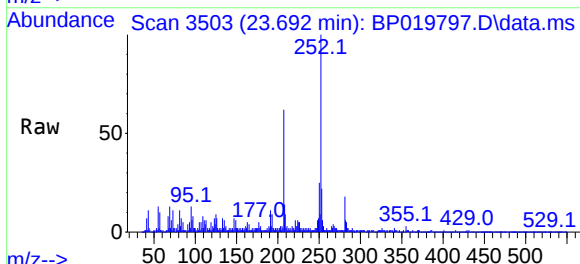
Manual Integrations
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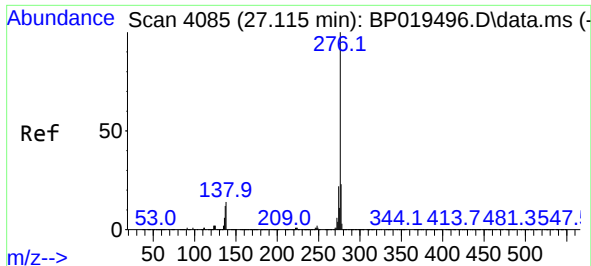
Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024



#90
Benzo(a)pyrene
Concen: 4.656 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

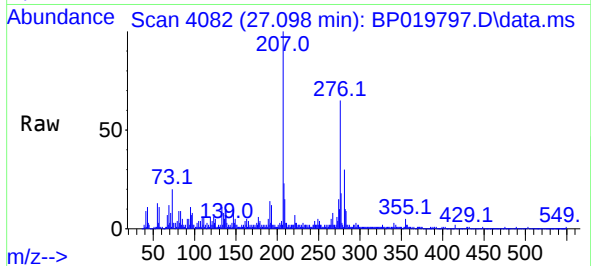
Tgt Ion:252 Resp: 153881
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.3 5.6 8.4





#92
Benzo(g,h,i)perylene
Concen: 2.924 ng
RT: 27.098 min Scan# 4082
Delta R.T. -0.024 min
Lab File: BP019797.D
Acq: 20 Feb 2024 21:33

Instrument :
BNA_P
ClientSampleId :
EB-3-2-4



Tgt Ion:276 Resp: 11008
Ion Ratio Lower Upper
276 100
277 26.9 18.6 28.0
138 14.6 10.9 16.3

Manual Integrations
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Supervised By :mohammad ahmed 02/21/2024

