

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101440.D
 Acq On : 31 Oct 2024 19:24
 Operator : RC/JU
 Sample : P4611-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-3

Quant Time: Nov 01 06:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	129070	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	590260	20.000	ng	0.00
39) Acenaphthene-d10	14.182	164	401080	20.000	ng	0.00
64) Phenanthrene-d10	16.920	188	855474	20.000	ng	0.00
76) Chrysene-d12	21.080	240	882545	20.000	ng	0.00
86) Perylene-d12	23.378	264	1145405	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	722080	98.053	ng	0.00
7) Phenol-d6	6.956	99	991118	97.062	ng	0.00
23) Nitrobenzene-d5	8.783	82	591310	62.921	ng	0.00
42) 2,4,6-Tribromophenol	15.693	330	699114	99.452	ng	0.00
45) 2-Fluorobiphenyl	12.808	172	1615692	68.222	ng	0.00
79) Terphenyl-d14	19.517	244	2935980	76.566	ng	0.00
Target Compounds						
78) Pyrene	19.335	202	97831	2.016	ng	Qvalue 98
83) Chrysene	21.098	228	133678	2.787	ng	98
88) Benzo(b)fluoranthene	22.661	252	285445m	4.782	ng	
90) Benzo(a)pyrene	23.266	252	147436	2.824	ng	# 87

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

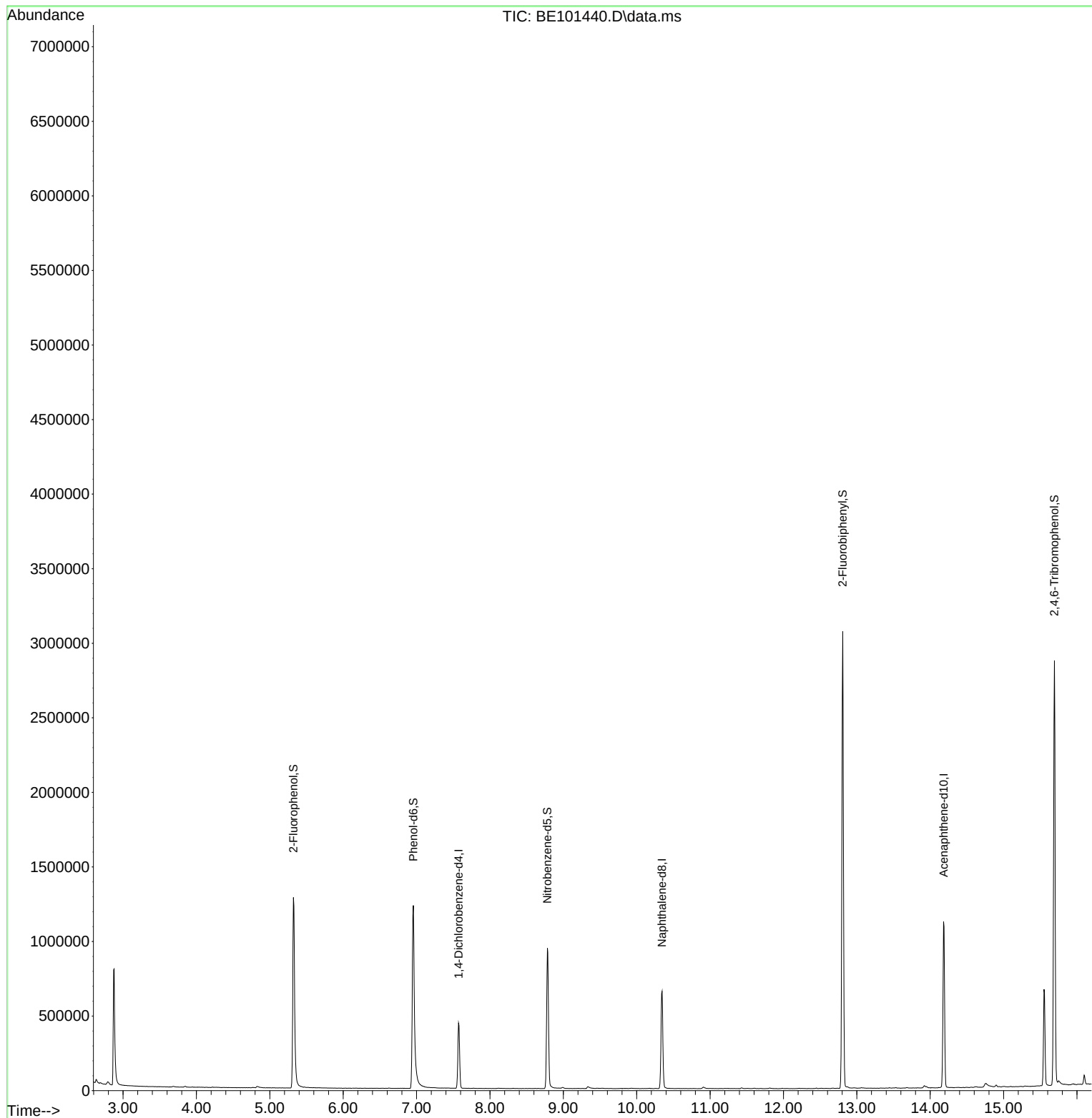
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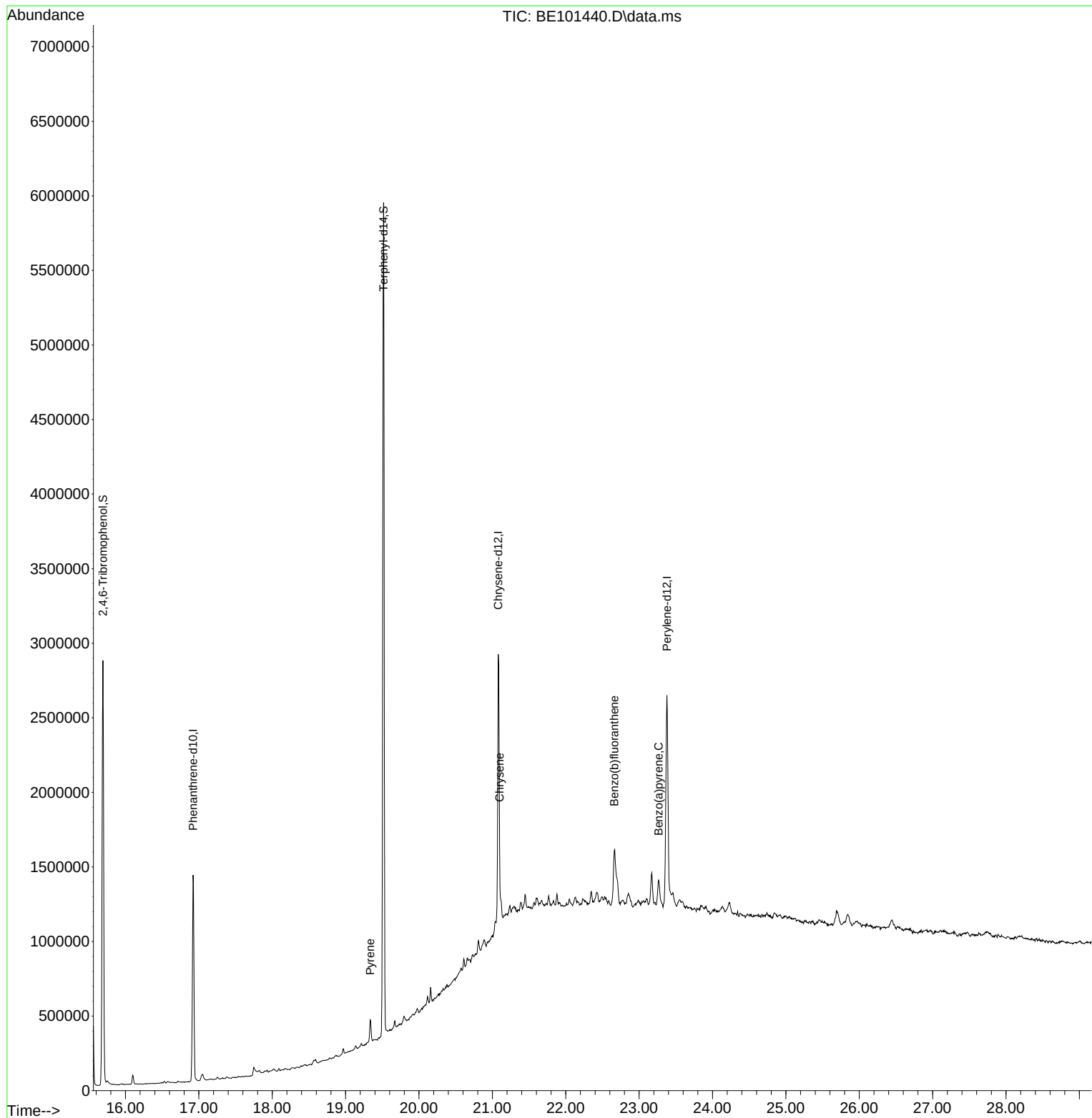
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ALS Vial : 17 Sample Multiplier: 1

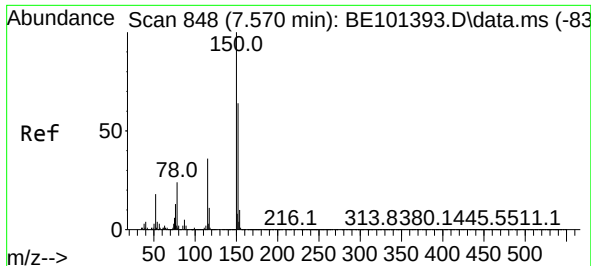
Instrument :
BNA_E
ClientSampleId :
TP-3

Quant Time: Nov 01 06:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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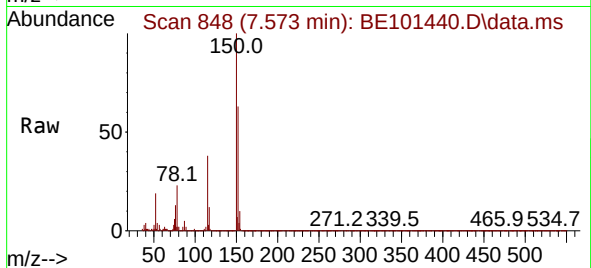
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 848
Delta R.T. 0.003 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

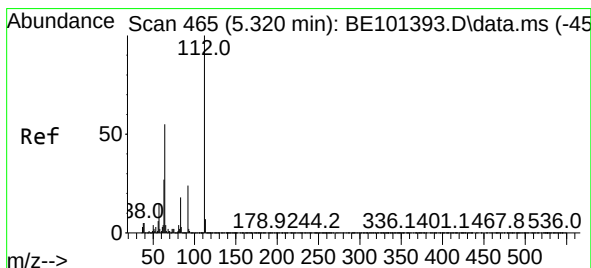
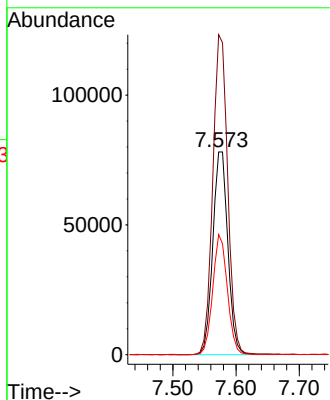
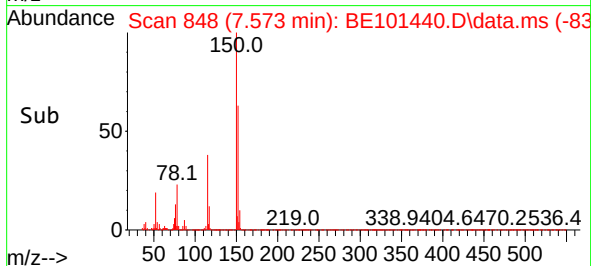
Instrument :
BNA_E
ClientSampleId :
TP-3



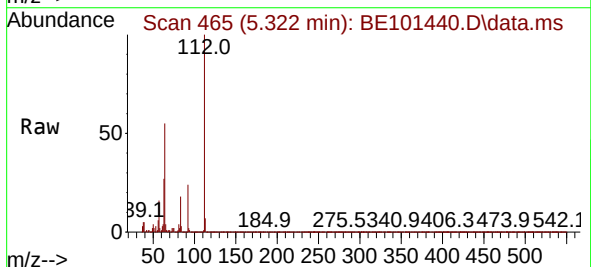
Tgt Ion:152 Resp: 129070
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.4
115 59.3 45.3 67.9

Manual Integrations
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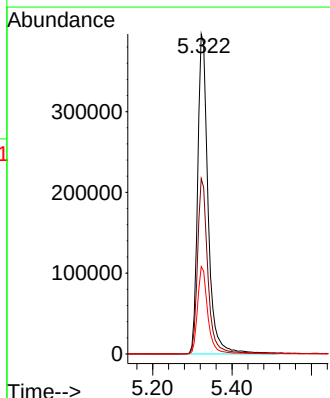
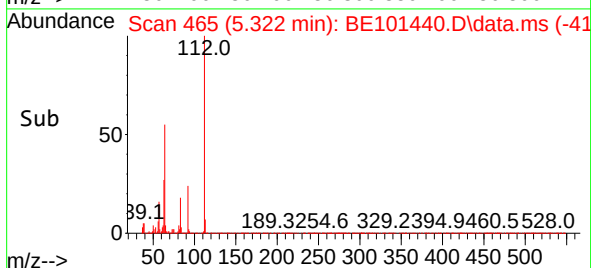
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

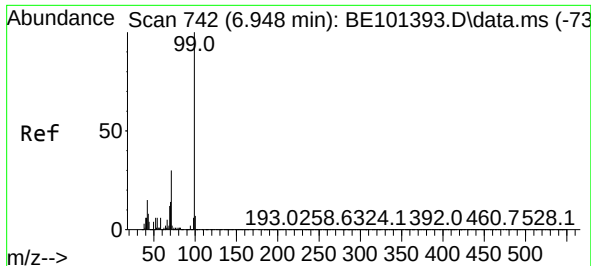


#5
2-Fluorophenol
Concen: 98.053 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24



Tgt Ion:112 Resp: 722080
Ion Ratio Lower Upper
112 100
64 54.8 43.7 65.5
63 27.3 21.4 32.2





#7

Phenol-d6

Concen: 97.062 ng

RT: 6.956 min Scan# 74

Delta R.T. 0.008 min

Lab File: BE101440.D

Acq: 31 Oct 2024 19:24

Instrument :

BNA_E

ClientSampleId :

TP-3

Tgt Ion: 99 Resp: 991118

Ion Ratio Lower Upper

99 100

42 15.7 12.3 18.5

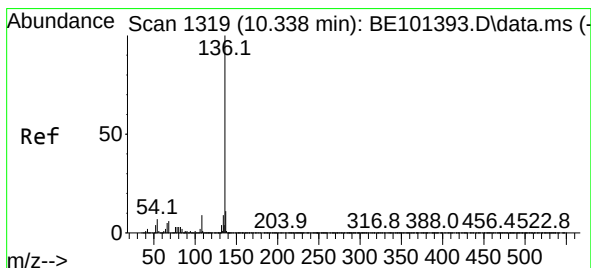
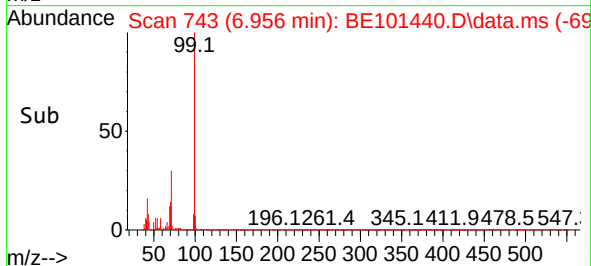
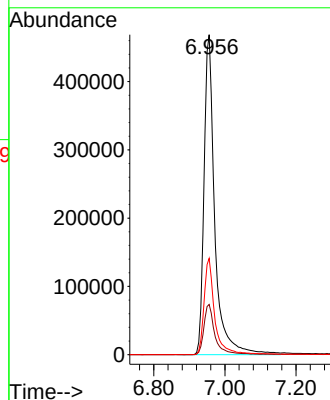
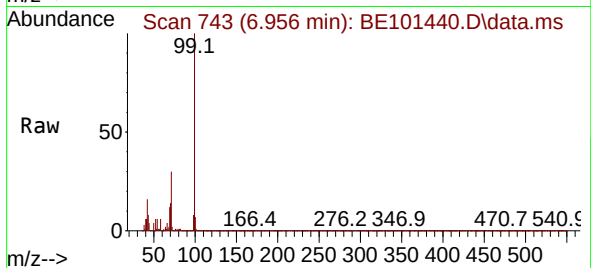
71 30.1 23.8 35.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.346 min Scan# 1320

Delta R.T. 0.008 min

Lab File: BE101440.D

Acq: 31 Oct 2024 19:24

Tgt Ion:136 Resp: 590260

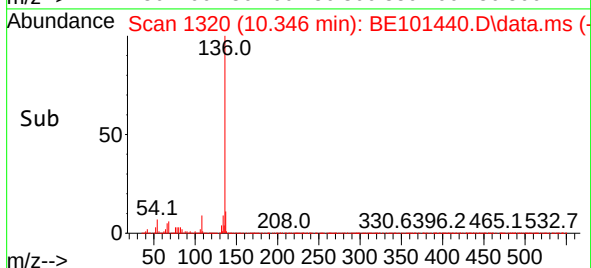
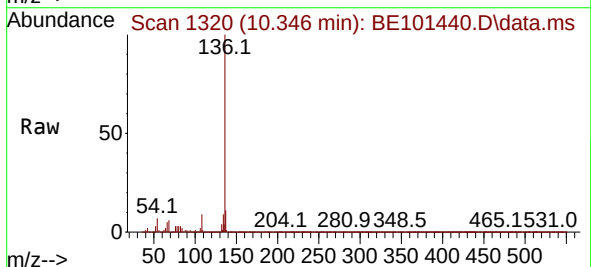
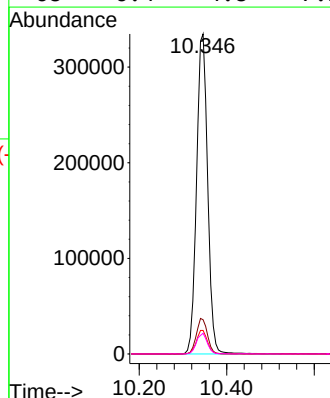
Ion Ratio Lower Upper

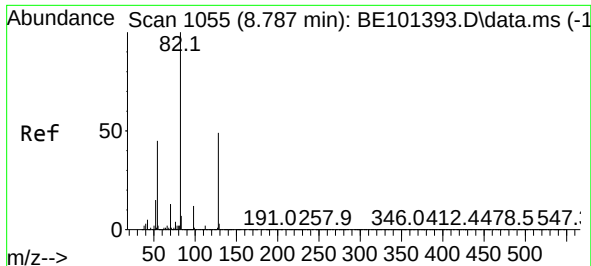
136 100

137 10.7 9.0 13.6

54 7.4 5.9 8.9

68 6.4 4.8 7.2





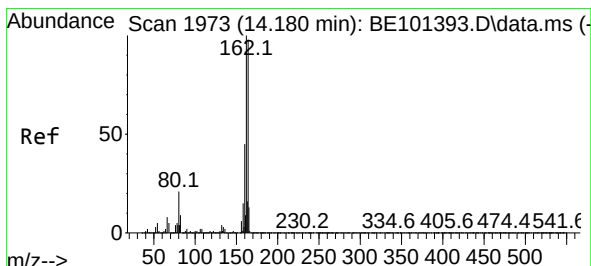
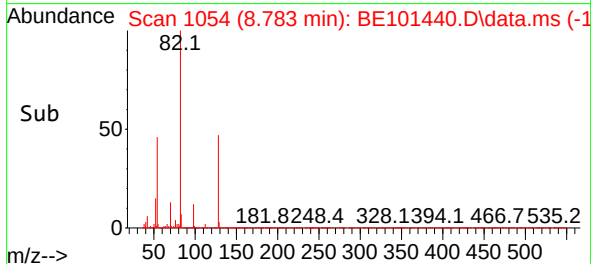
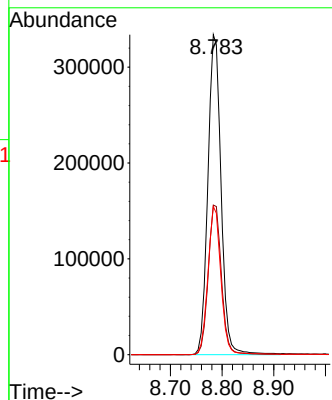
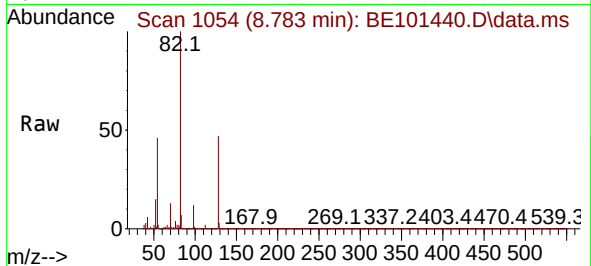
#23
Nitrobenzene-d5
Concen: 62.921 ng
RT: 8.783 min Scan# 1054
Delta R.T. -0.004 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

Instrument :
BNA_E
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 591310
Ion Ratio Lower Upper
82 100
128 46.8 38.9 58.3
54 46.3 36.2 54.4

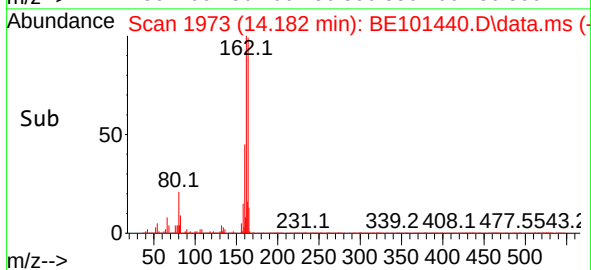
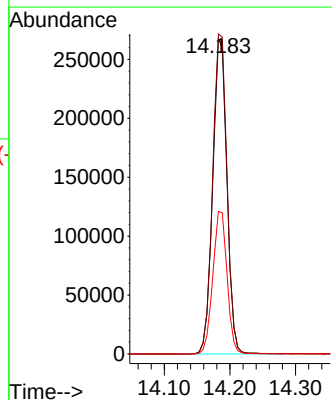
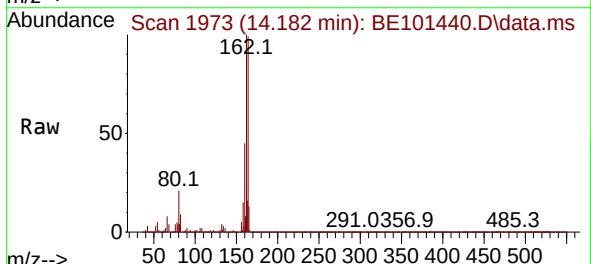
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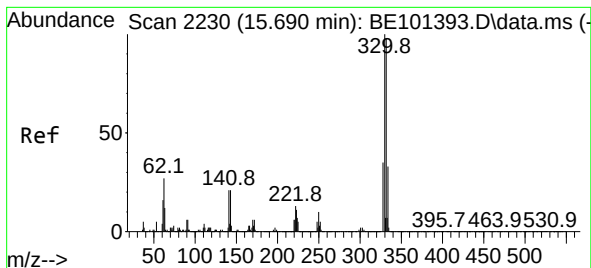
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.182 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

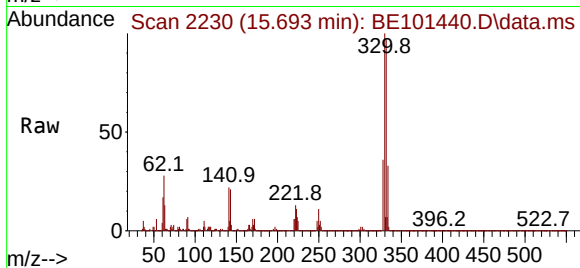
Tgt Ion:164 Resp: 401080
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 45.2 36.4 54.6





#42
2,4,6-Tribromophenol
Concen: 99.452 ng
RT: 15.693 min Scan# 21
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

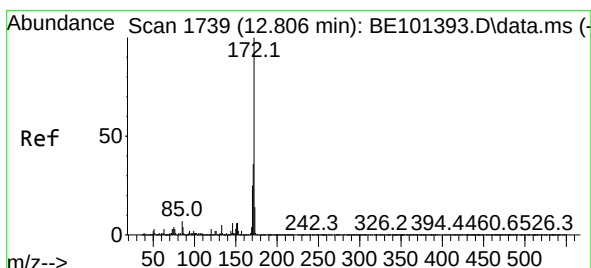
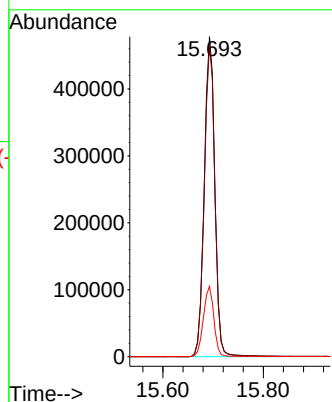
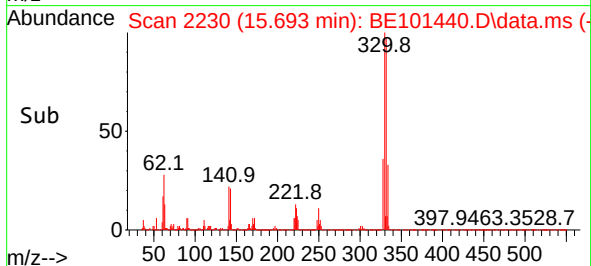
Instrument :
BNA_E
ClientSampleId :
TP-3



Tgt Ion:330 Resp: 699114
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 21.8 18.3 27.5

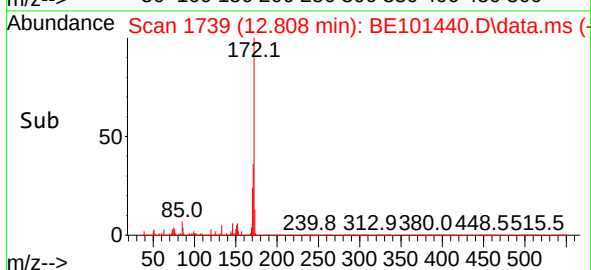
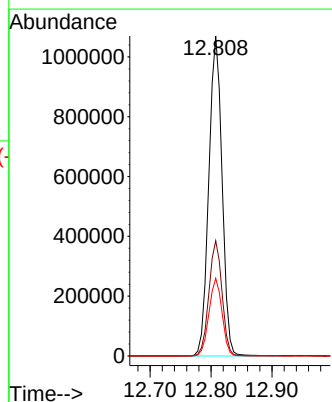
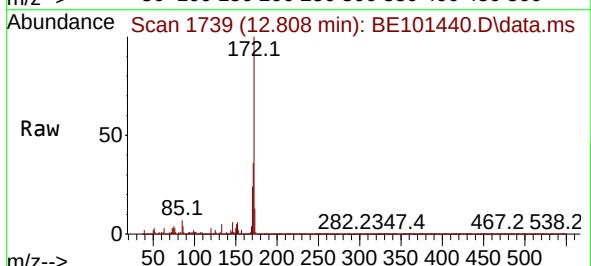
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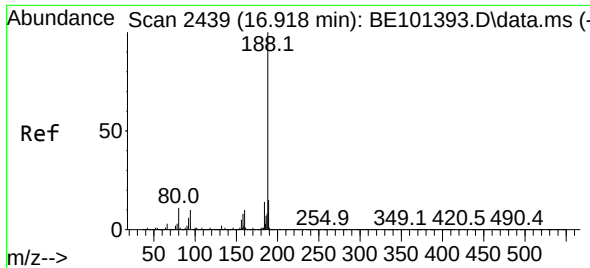
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#45
2-Fluorobiphenyl
Concen: 68.222 ng
RT: 12.808 min Scan# 1739
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

Tgt Ion:172 Resp: 1615692
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.3 19.8 29.6





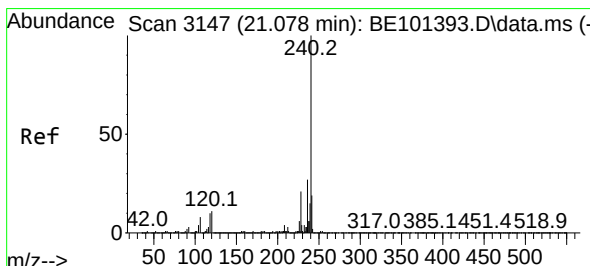
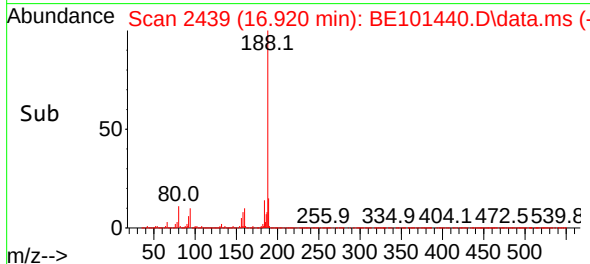
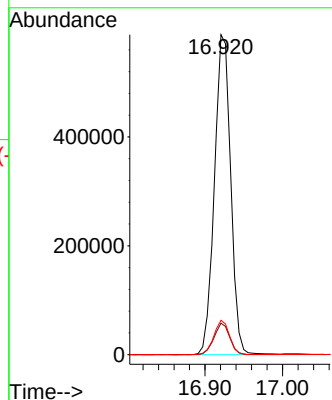
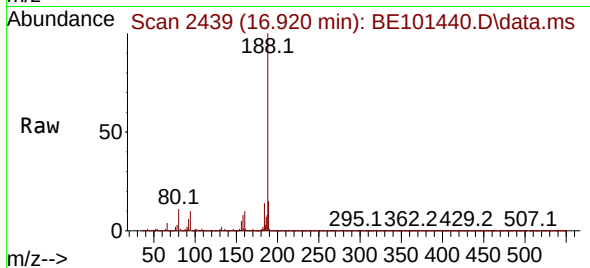
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.920 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

Instrument :
BNA_E
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 855474
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.8
80 10.7 8.6 12.8

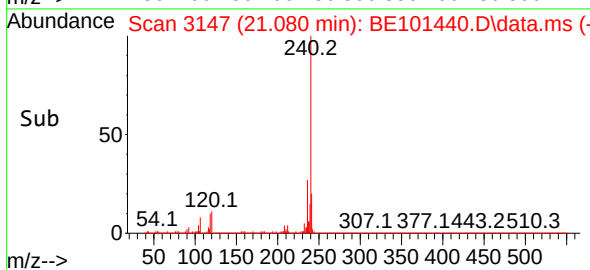
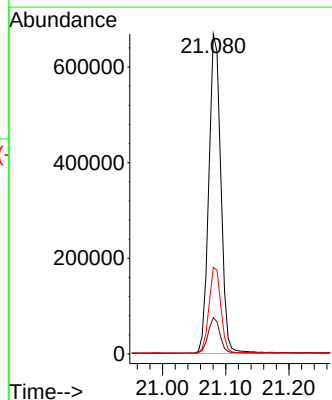
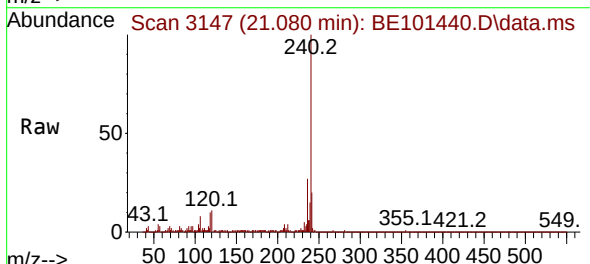
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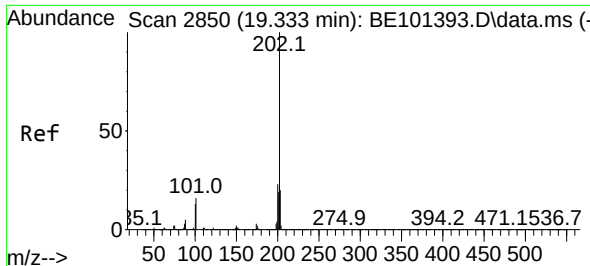
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.080 min Scan# 3147
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

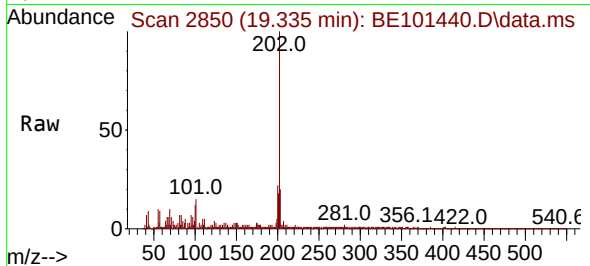
Tgt Ion:240 Resp: 882545
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 27.1 21.4 32.0





#78
Pyrene
Concen: 2.016 ng
RT: 19.335 min Scan# 2850
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

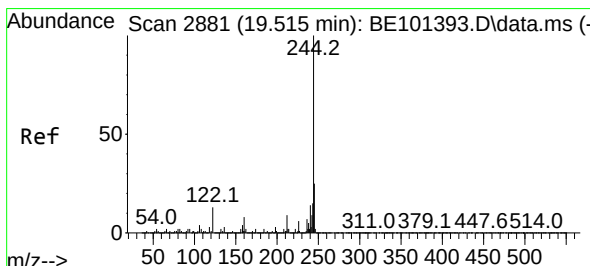
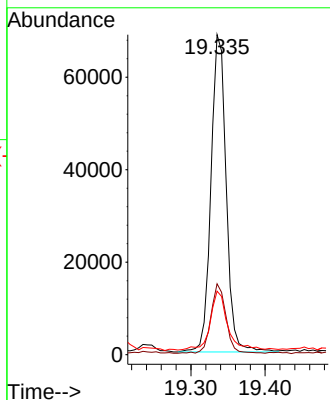
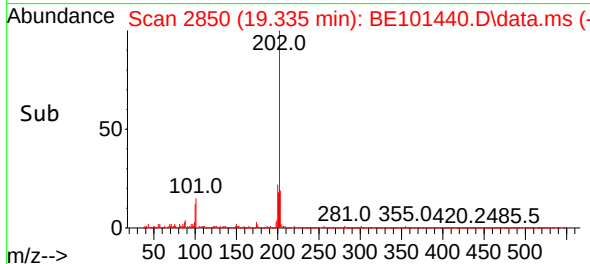
Instrument :
BNA_E
ClientSampleId :
TP-3



Tgt Ion:202 Resp: 9783
Ion Ratio Lower Upper
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200 22.1 18.6 28.0
203 19.8 15.6 23.4

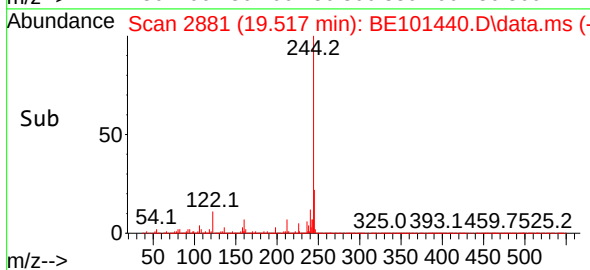
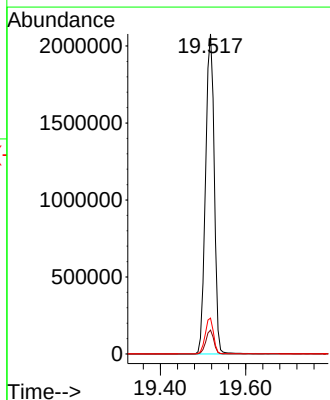
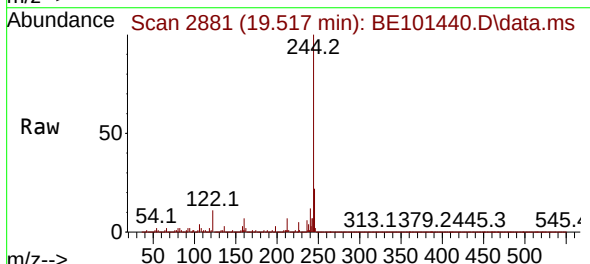
Manual Integrations
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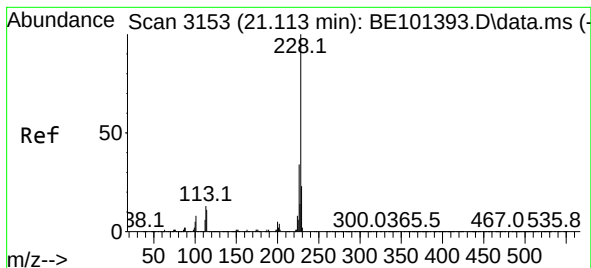
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#79
Terphenyl-d14
Concen: 76.566 ng
RT: 19.517 min Scan# 2881
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

Tgt Ion:244 Resp: 2935980
Ion Ratio Lower Upper
244 100
212 7.5 7.2 10.8
122 11.2 10.4 15.6





#83

Chrysene

Concen: 2.787 ng

RT: 21.098 min Scan# 31

Delta R.T. -0.016 min

Lab File: BE101440.D

Acq: 31 Oct 2024 19:24

Instrument :

BNA_E

ClientSampleId :

TP-3

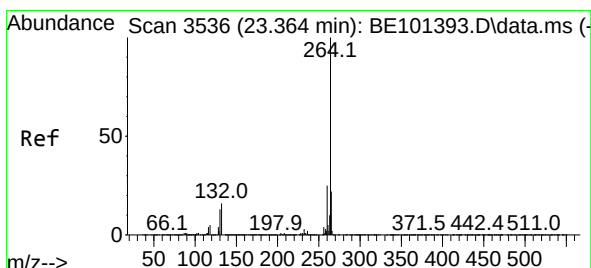
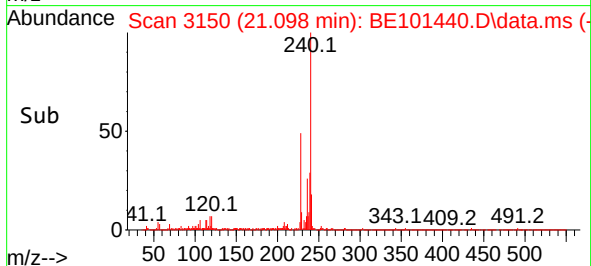
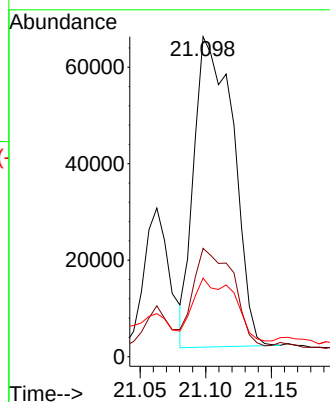
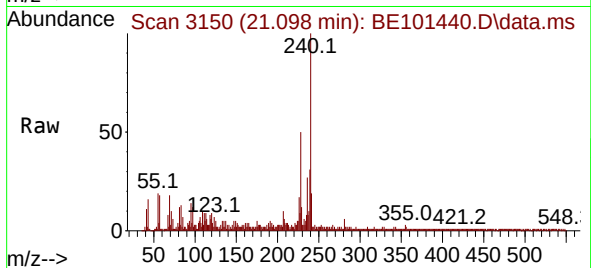
Tgt Ion:	228	Resp:	133678
Ion Ratio	Lower	Upper	
228	100		
226	33.9	27.2	40.8
229	24.5	18.0	27.0

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

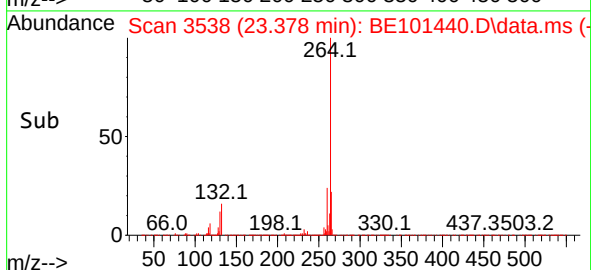
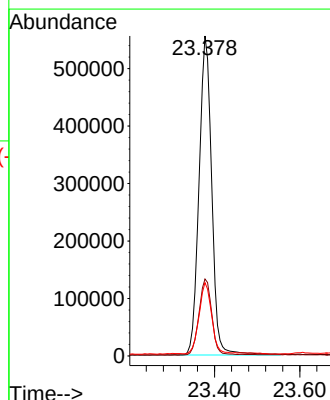
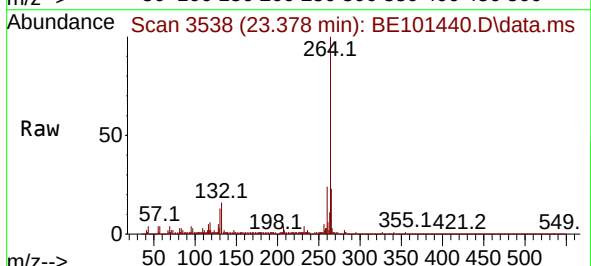
RT: 23.378 min Scan# 3538

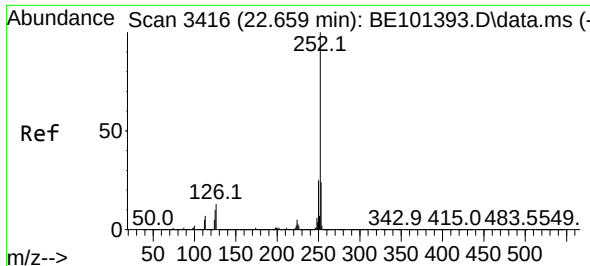
Delta R.T. 0.014 min

Lab File: BE101440.D

Acq: 31 Oct 2024 19:24

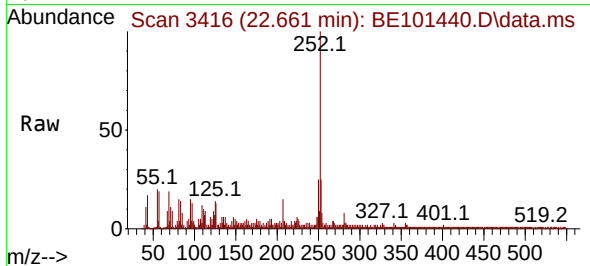
Tgt Ion:	264	Resp:	1145405
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.8	29.8
265	22.9	17.6	26.4





#88
Benzo(b)fluoranthene
Concen: 4.782 ng m
RT: 22.661 min Scan# 3416
Delta R.T. 0.002 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

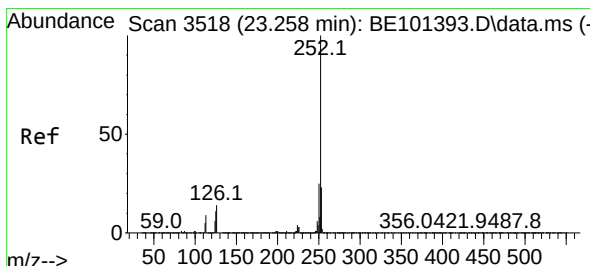
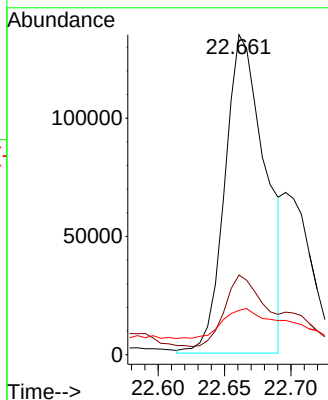
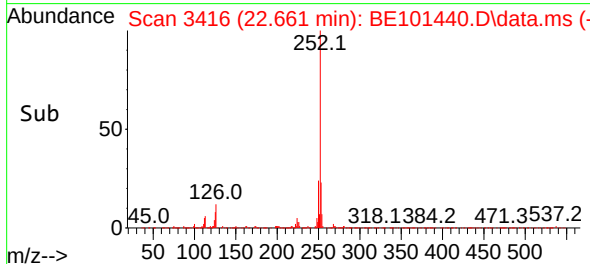
Instrument :
BNA_E
ClientSampleId :
TP-3



Tgt Ion:252 Resp: 28544
Ion Ratio Lower Upper
252 100
253 24.9 19.0 28.6
125 13.9 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 2.824 ng
RT: 23.266 min Scan# 3519
Delta R.T. 0.008 min
Lab File: BE101440.D
Acq: 31 Oct 2024 19:24

Tgt Ion:252 Resp: 147436
Ion Ratio Lower Upper
252 100
253 27.1 18.4 27.6
125 19.3 9.0 13.6

