

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139580.D
 Acq On : 30 Sep 2024 15:57
 Operator : RC/JU
 Sample : P4192-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 30 16:25:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	61155	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	224586	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	110883	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	168577	20.000	ng	#-0.02
76) Chrysene-d12	14.016	240	124012	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	100901	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	265857	70.919	ng	-0.01
7) Phenol-d6	6.492	99	356550	72.462	ng	-0.01
23) Nitrobenzene-d5	7.422	82	233518	48.881	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	49642	42.052	ng	-0.02
45) 2-Fluorobiphenyl	9.216	172	414226	52.394	ng	-0.02
79) Terphenyl-d14	12.963	244	326650	43.235	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	102583	12.613	ng	99
72) Anthracene	11.457	178	24173	3.040	ng	98
75) Fluoranthene	12.592	202	314312	36.188	ng	98
78) Pyrene	12.821	202	264050	24.798	ng	99
81) Benzo(a)anthracene	14.004	228	163991	19.964	ng	97
83) Chrysene	14.039	228	169002	22.362	ng	98
84) Bis(2-ethylhexyl)phtha...	13.992	149	26865	5.827	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	56488	9.415	ng	99
88) Benzo(b)fluoranthene	15.057	252	211200m	33.939	ng	
89) Benzo(k)fluoranthene	15.068	252	78453m	13.673	ng	
90) Benzo(a)pyrene	15.415	252	100614	19.495	ng	# 97
91) Dibenzo(a,h)anthracene	16.939	278	15104	3.046	ng	# 82
92) Benzo(g,h,i)perylene	17.374	276	52422	10.679	ng	# 95

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

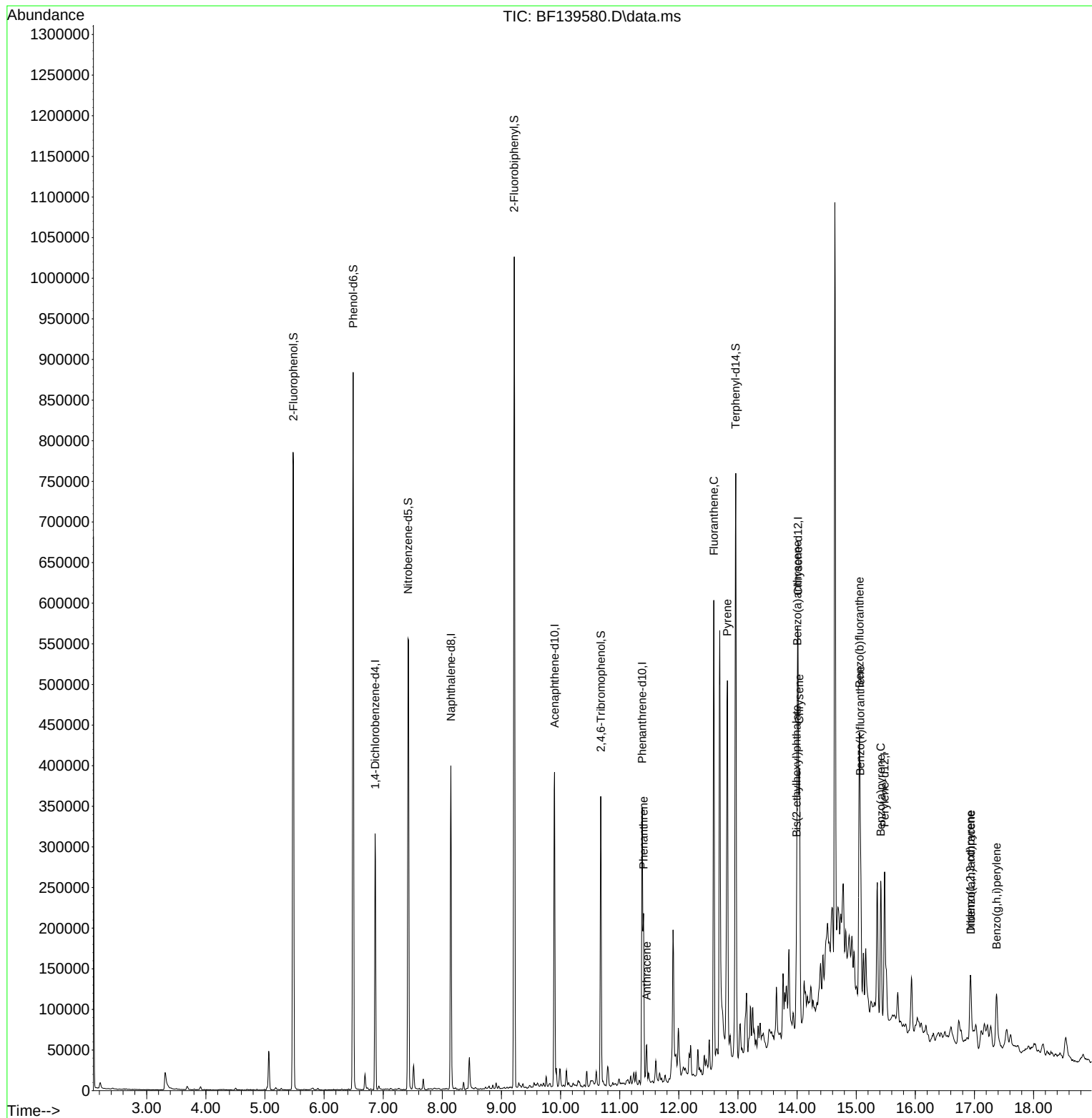
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
Data File : BF139580.D
Acq On : 30 Sep 2024 15:57
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Sample : P4192-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

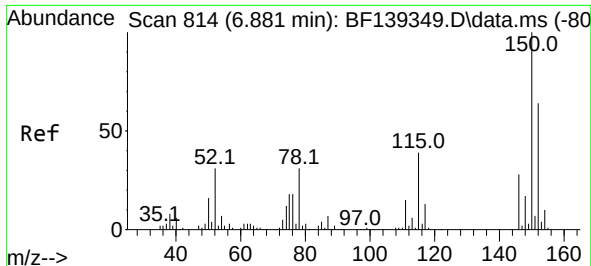
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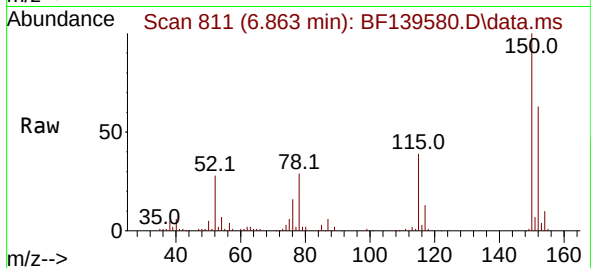
Quant Time: Sep 30 16:25:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

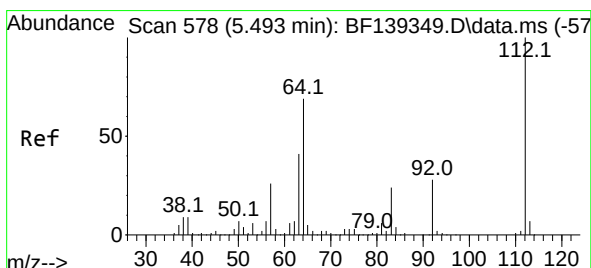
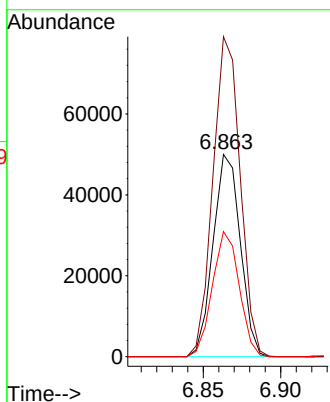
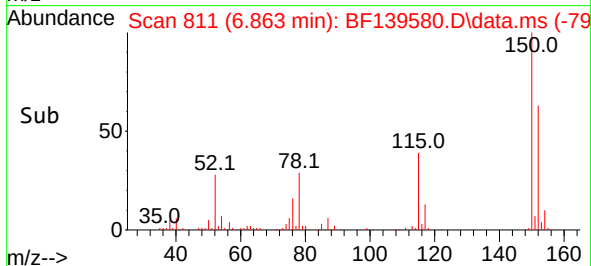
Instrument :
BNA_F
ClientSampleId :
ETGI-355



Tgt Ion:152 Resp: 6115
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 61.8 48.1 72.1

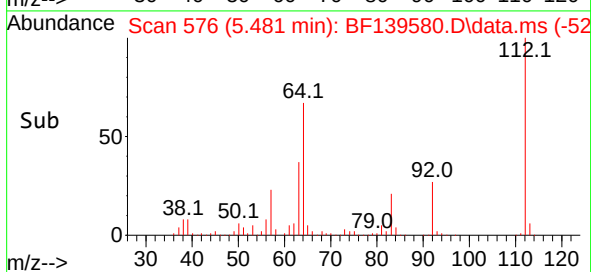
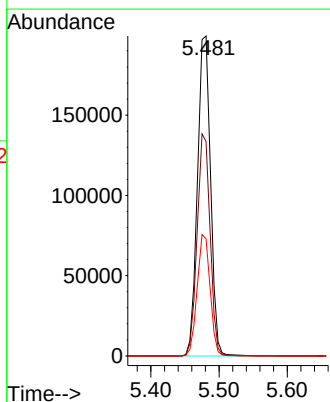
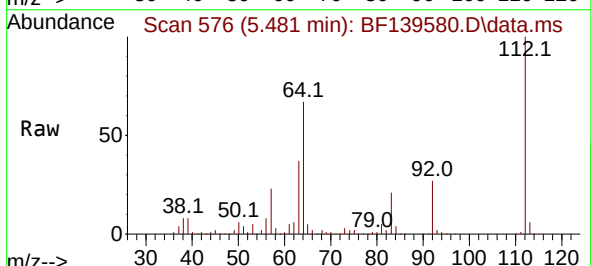
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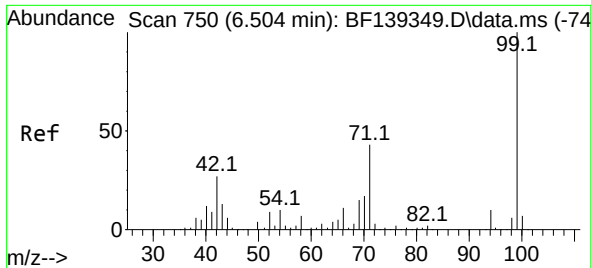
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#5
2-Fluorophenol
Concen: 70.919 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

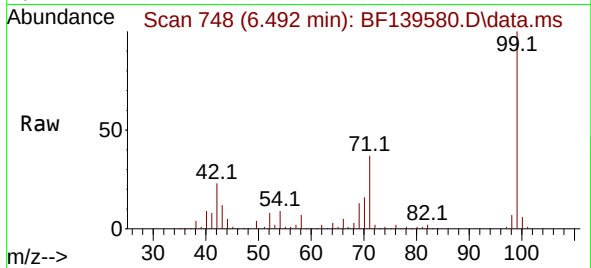
Tgt Ion:112 Resp: 265857
Ion Ratio Lower Upper
112 100
64 67.1 54.8 82.2
63 36.6 33.0 49.4





#7
Phenol-d6
Concen: 72.462 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

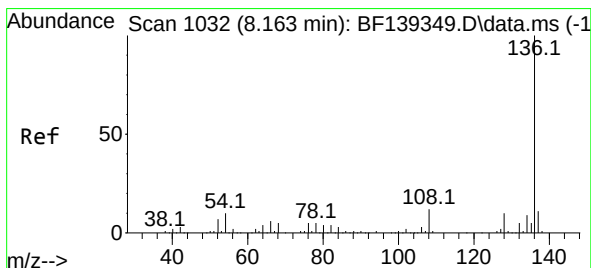
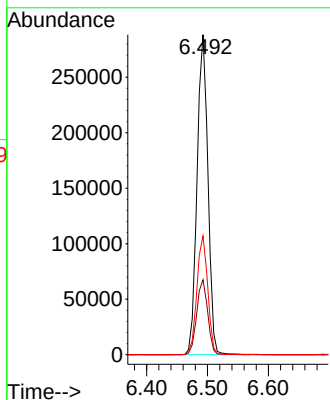
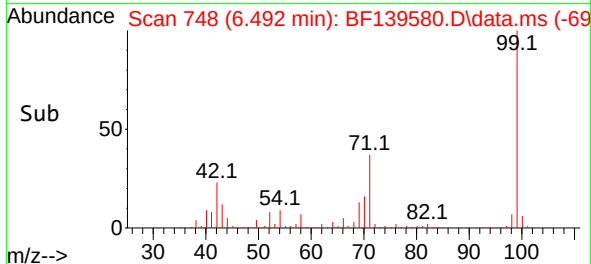
Instrument :
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ClientSampleId :
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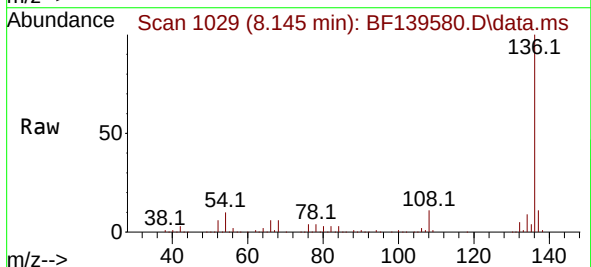
Tgt Ion: 99 Resp: 356550
Ion Ratio Lower Upper
99 100
42 23.4 21.9 32.9
71 37.1 34.6 52.0

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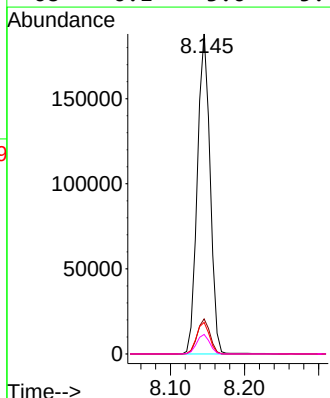
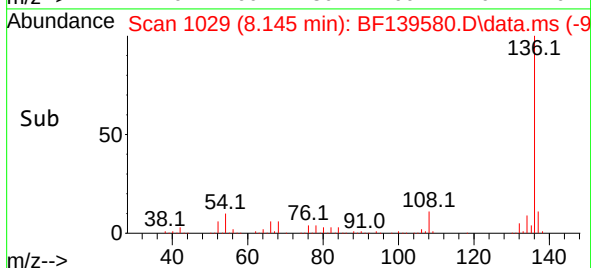
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

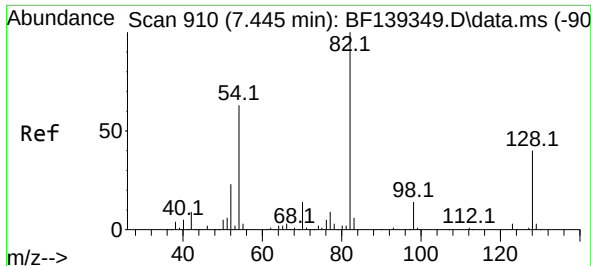


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57



Tgt Ion:136 Resp: 224586
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 7.8 11.8
68 6.1 3.6 5.4#





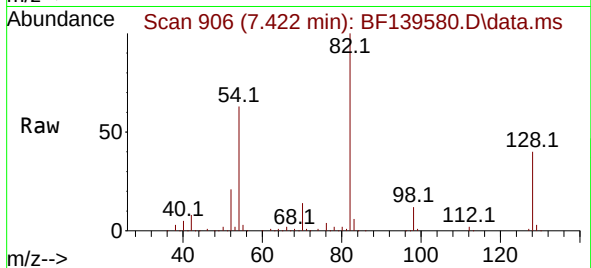
#23
Nitrobenzene-d5
Concen: 48.881 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.024 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

ETGI-355

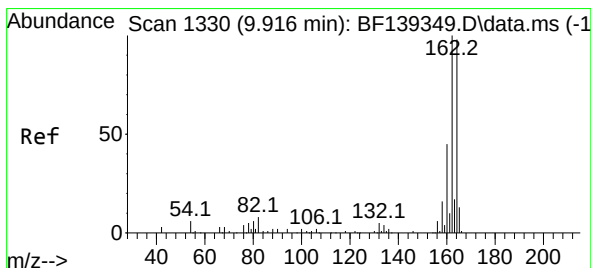
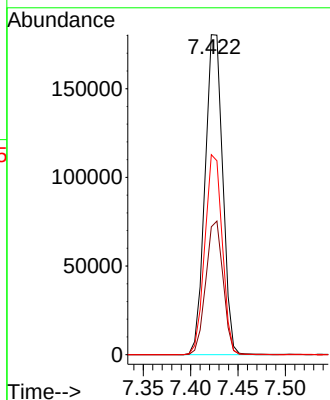
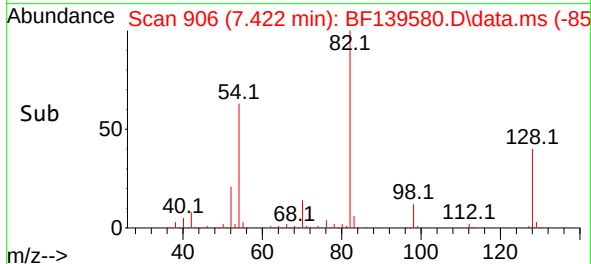


Tgt Ion: 82 Resp: 233518
Ion Ratio Lower Upper
82 100
128 39.9 31.8 47.6
54 62.5 50.6 75.8

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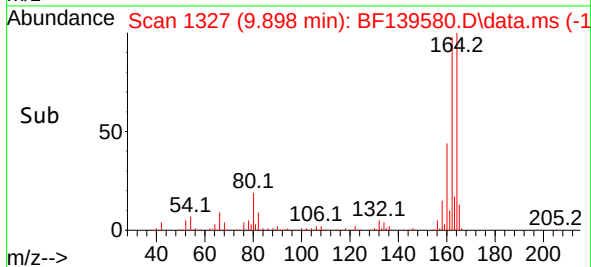
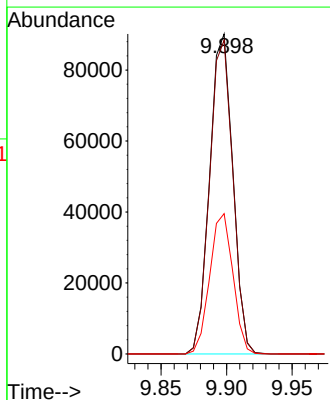
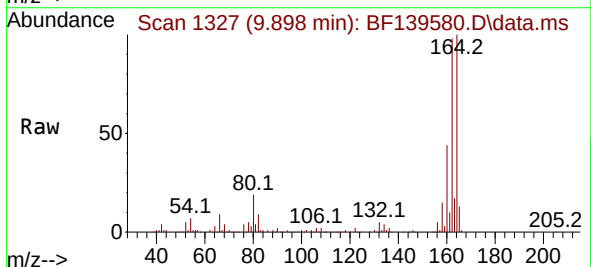
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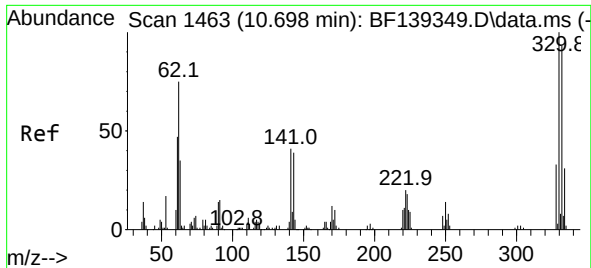
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

Tgt Ion:164 Resp: 110883
Ion Ratio Lower Upper
164 100
162 98.1 81.3 121.9
160 43.8 36.4 54.6





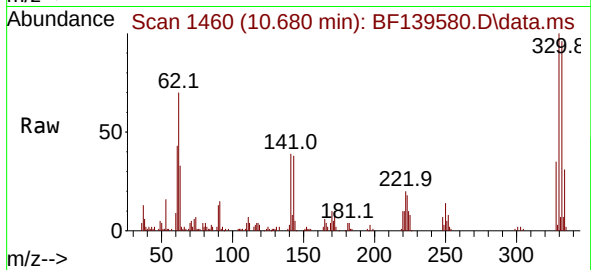
#42
2,4,6-Tribromophenol
Concen: 42.052 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.018 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

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ETGI-355



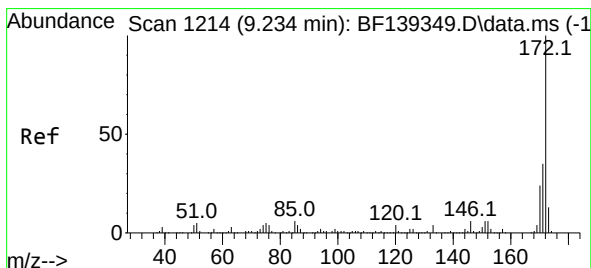
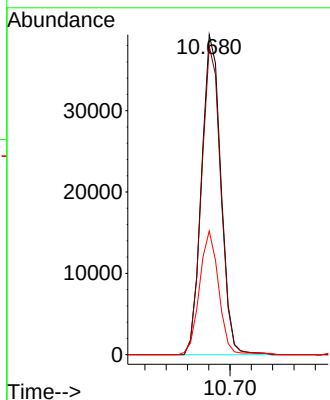
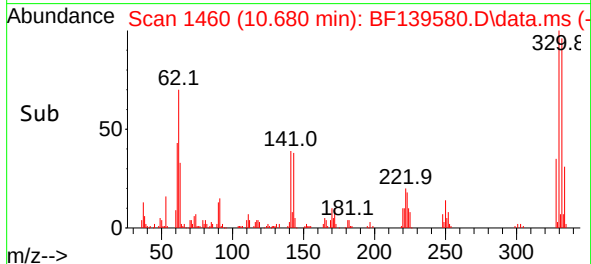
Tgt Ion:330 Resp: 4964
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 38.6 31.2 46.8

Manual Integrations

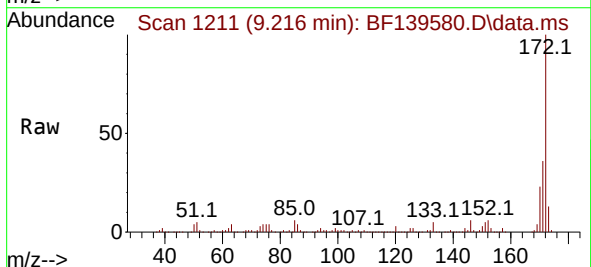
APPROVED

Reviewed By :Yogesh Patel 10/01/2024

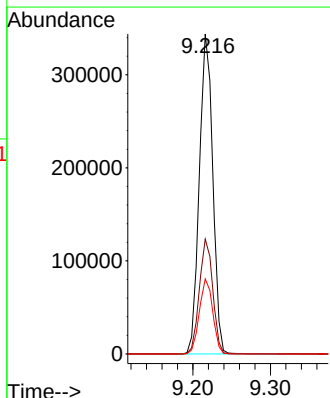
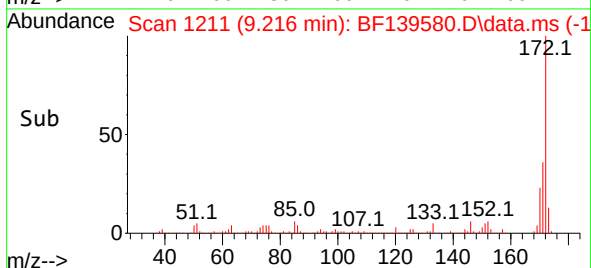
Supervised By :mohammad ahmed 10/01/2024

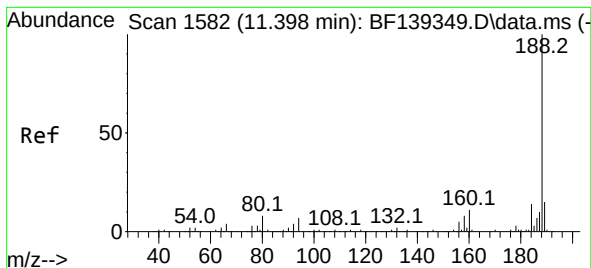


#45
2-Fluorobiphenyl
Concen: 52.394 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57



Tgt Ion:172 Resp: 414226
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.018 min

Lab File: BF139580.D

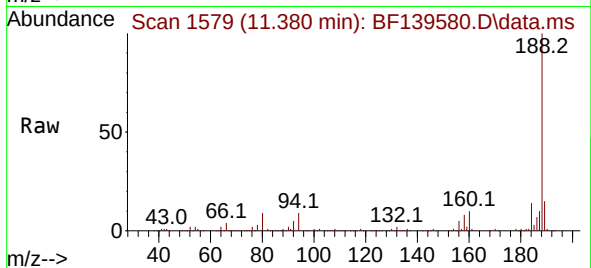
Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:188 Resp: 16857

Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3

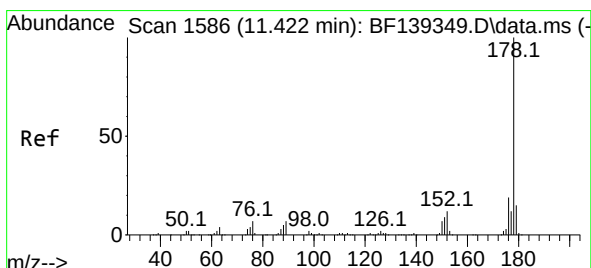
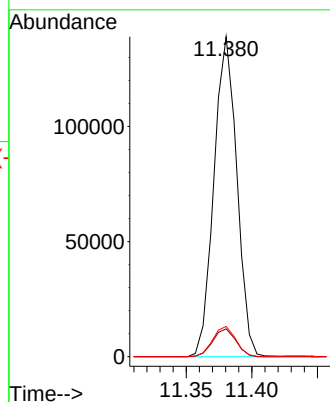
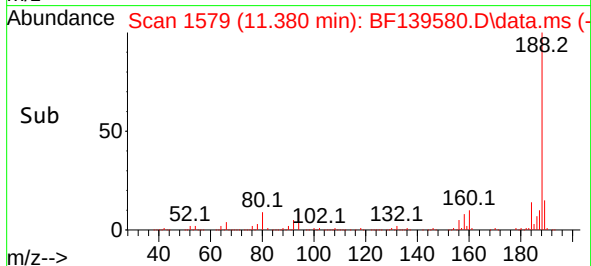
80 9.5 6.6 9.8

Manual Integrations

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#71

Phenanthrene

Concen: 12.613 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

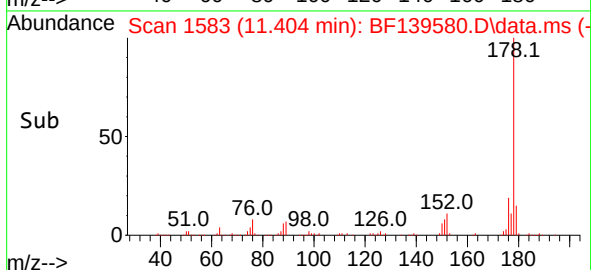
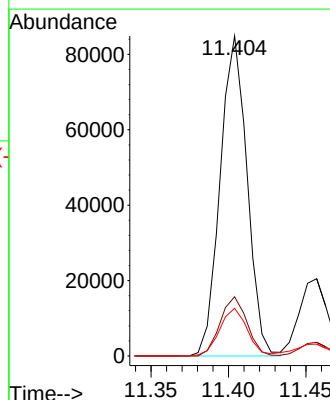
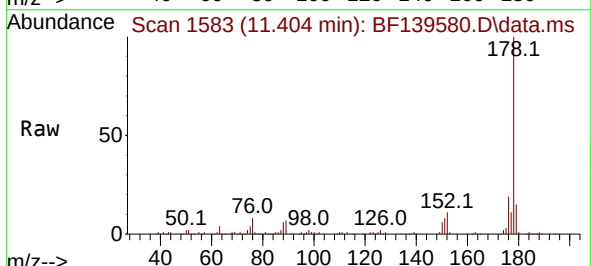
Tgt Ion:178 Resp: 102583

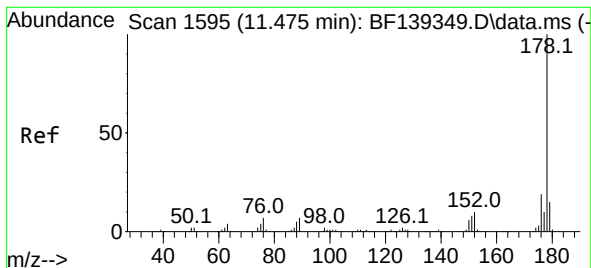
Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

179 14.9 12.2 18.4





#72

Anthracene

Concen: 3.040 ng

RT: 11.457 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

ETGI-355

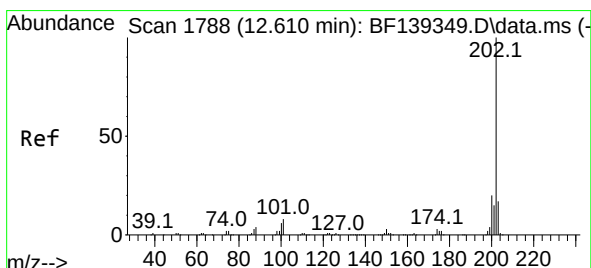
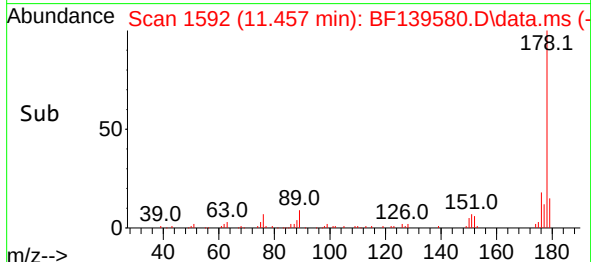
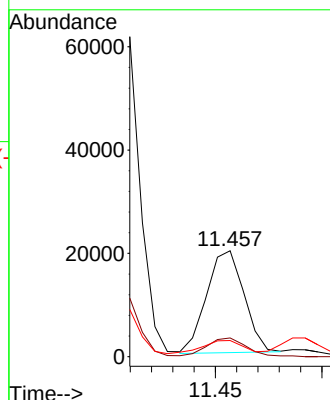
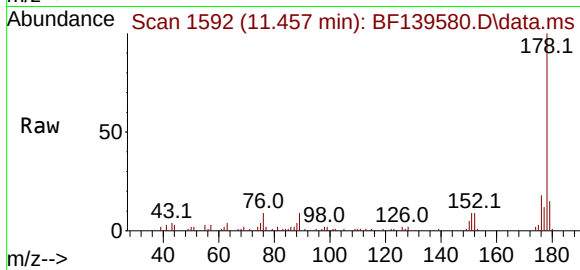
Tgt Ion:178 Resp: 2417
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.0 22.6
 179 15.3 12.0 18.0

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Supervised By :mohammad ahmed 10/01/2024



#75

Fluoranthene

Concen: 36.188 ng

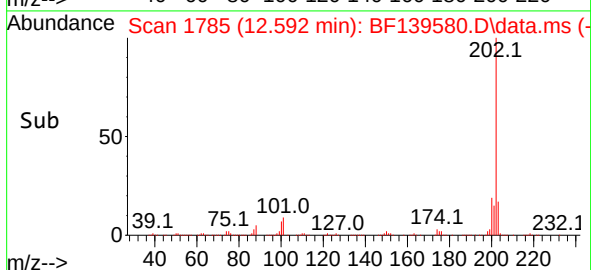
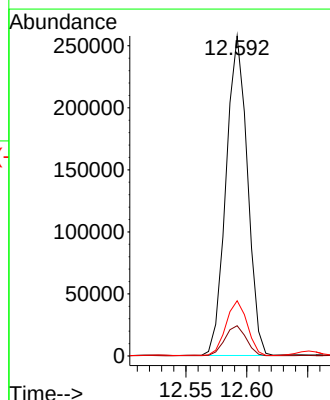
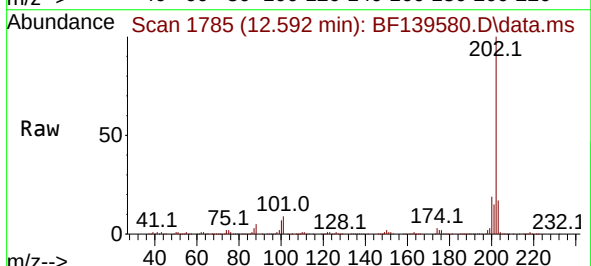
RT: 12.592 min Scan# 1785

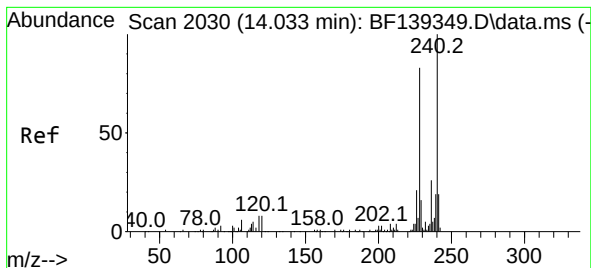
Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Tgt Ion:202 Resp: 314312
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 27.7
 203 17.3 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Instrument :

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ClientSampleId :

ETGI-355

Tgt Ion:240 Resp: 12401

Ion Ratio Lower Upper

240 100

120 10.1 6.2 9.2

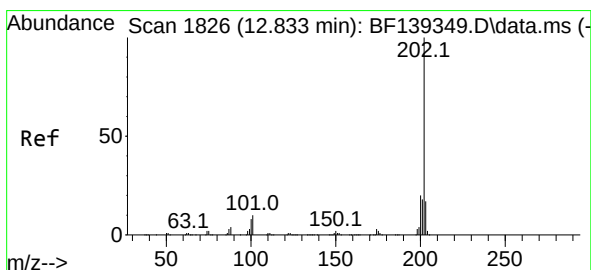
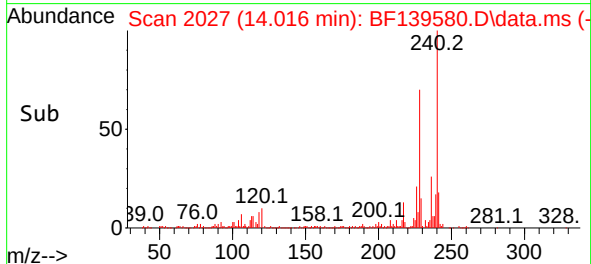
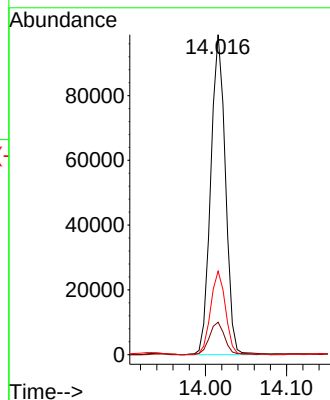
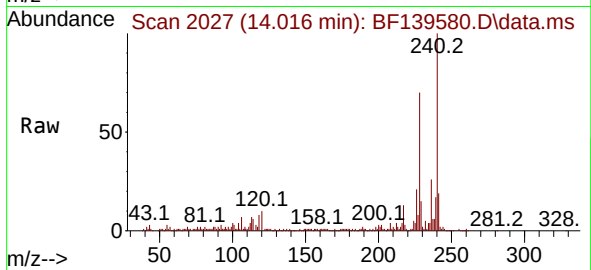
236 26.1 20.9 31.3

Manual Integrations

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Supervised By :mohammad ahmed 10/01/2024



#78

Pyrene

Concen: 24.798 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

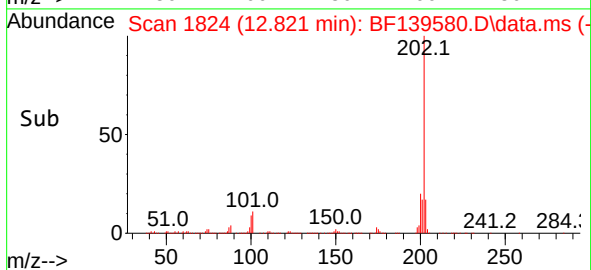
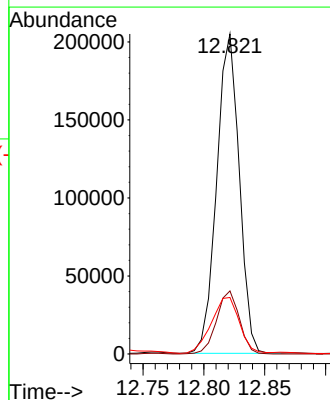
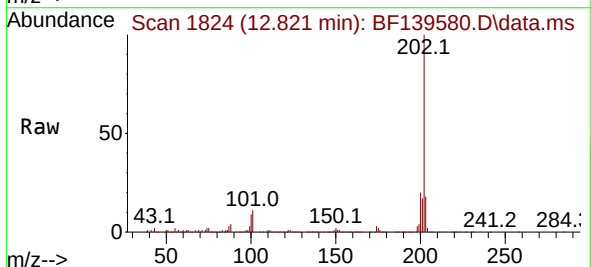
Tgt Ion:202 Resp: 264050

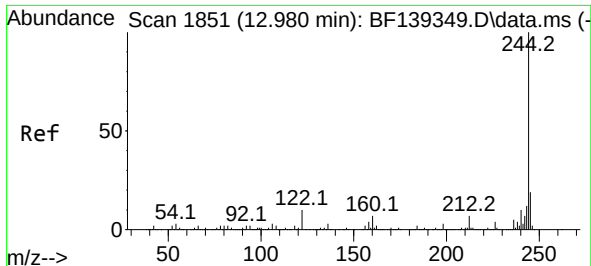
Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

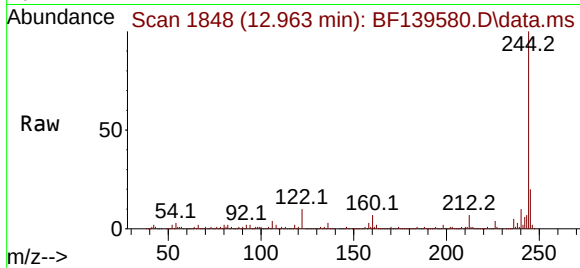
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 43.235 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.018 min
 Lab File: BF139580.D
 Acq: 30 Sep 2024 15:57

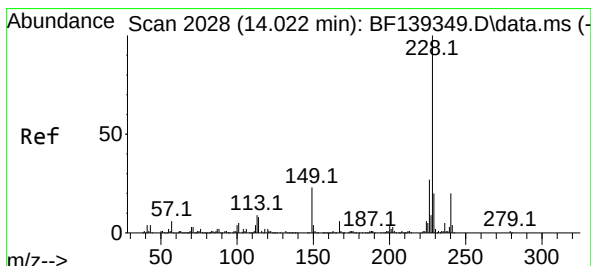
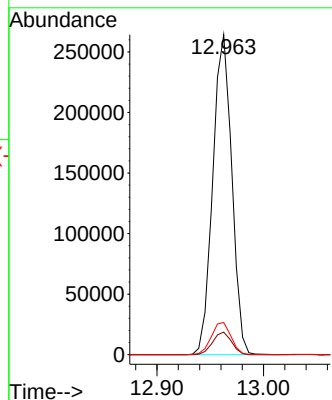
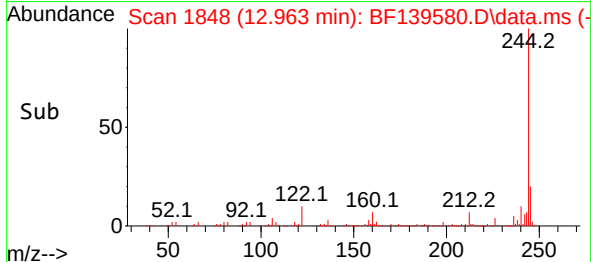
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355



Tgt Ion:244 Resp: 326650
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.0 7.6 11.4

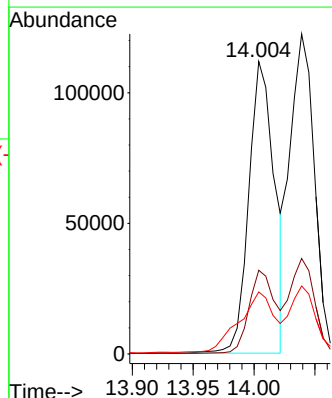
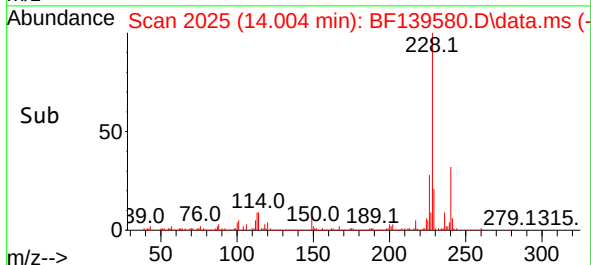
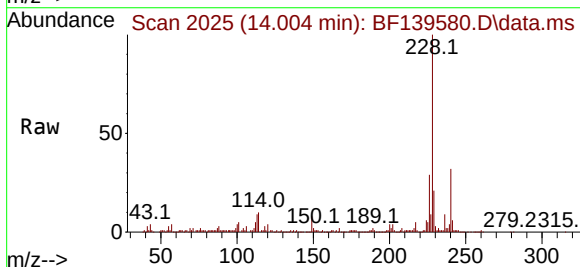
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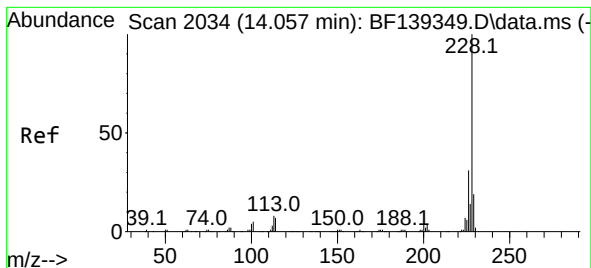
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024



#81
 Benzo(a)anthracene
 Concen: 19.964 ng
 RT: 14.004 min Scan# 2025
 Delta R.T. -0.018 min
 Lab File: BF139580.D
 Acq: 30 Sep 2024 15:57

Tgt Ion:228 Resp: 163991
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.6 32.4
 229 21.2 15.7 23.5





#83

Chrysene

Concen: 22.362 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

ETGI-355

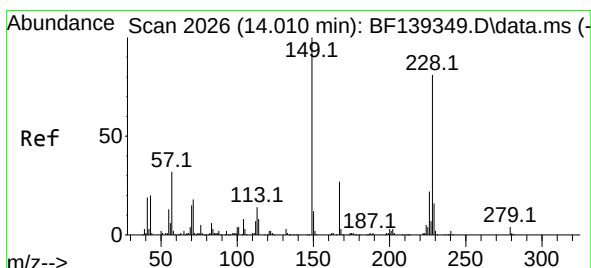
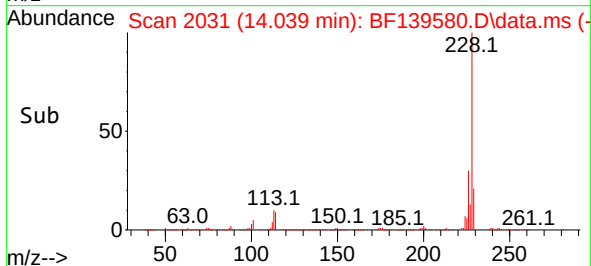
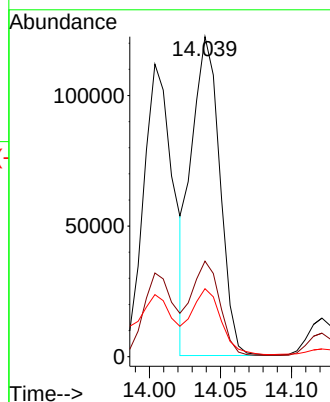
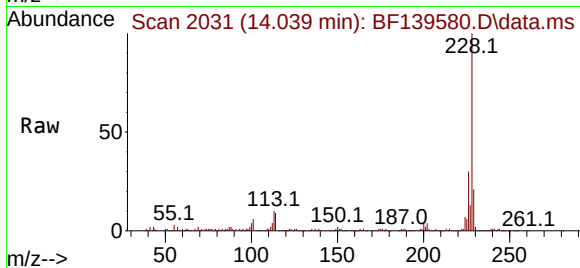
Tgt Ion:228	Resp: 16900
Ion Ratio	Lower Upper
228 100	
226 29.9	24.1 36.1
229 21.3	15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.827 ng

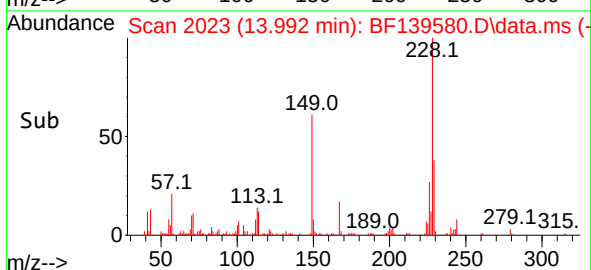
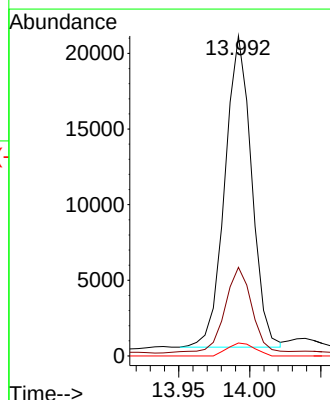
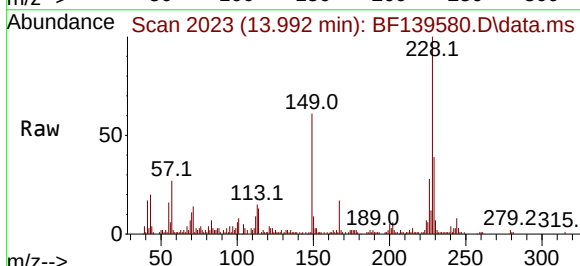
RT: 13.992 min Scan# 2023

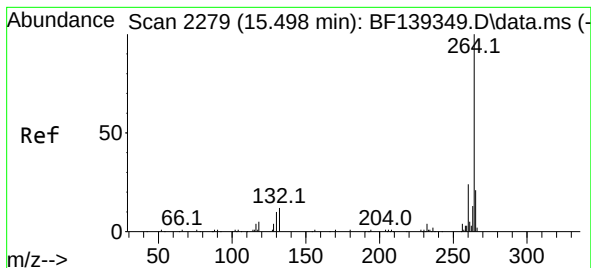
Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Tgt Ion:149	Resp: 26865
Ion Ratio	Lower Upper
149 100	
167 27.7	21.6 32.4
279 4.0	3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

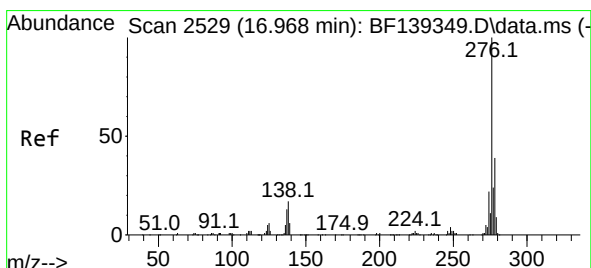
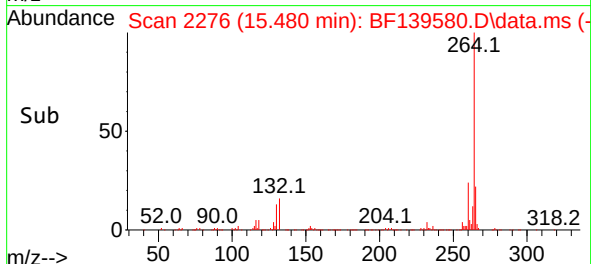
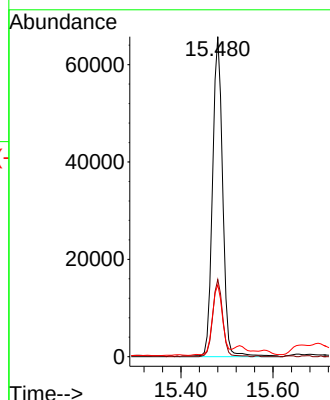
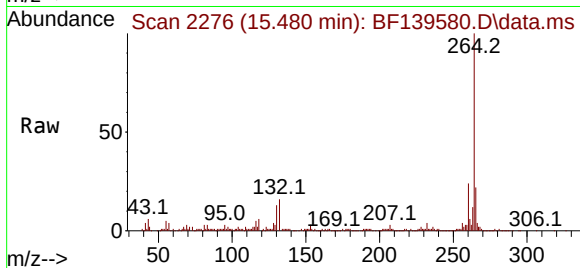
ETGI-355

Tgt Ion:264	Resp: 10090
Ion Ratio	Lower Upper
264	100
260	24.1 19.5 29.3
265	22.5 16.6 25.0

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Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.415 ng

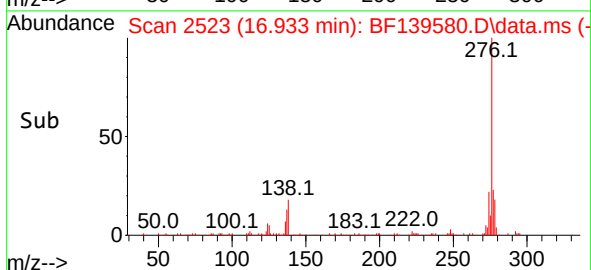
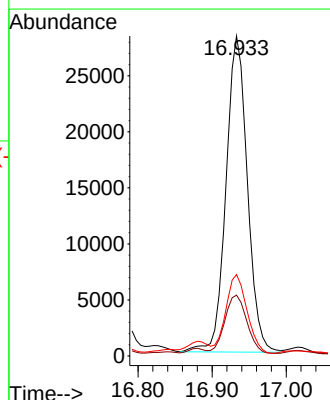
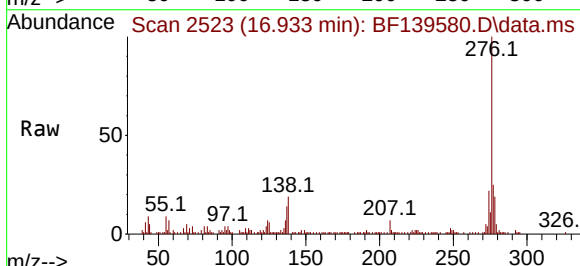
RT: 16.933 min Scan# 2523

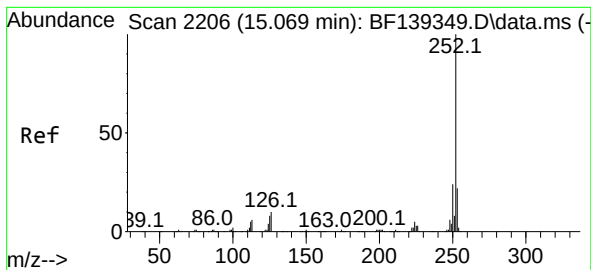
Delta R.T. -0.035 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Tgt Ion:276	Resp: 56488
Ion Ratio	Lower Upper
276	100
138	19.3 15.4 23.2
277	24.7 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 33.939 ng m

RT: 15.057 min Scan# 211200

Delta R.T. -0.012 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

ETGI-355

Tgt Ion:252 Resp: 211200

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

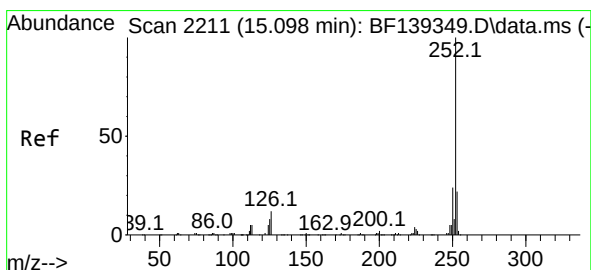
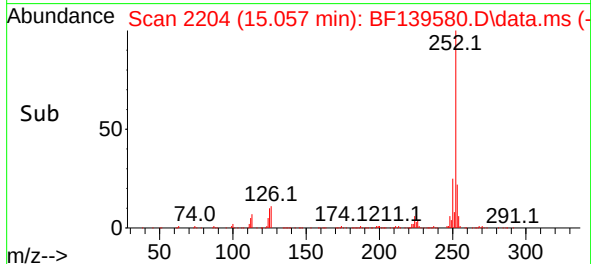
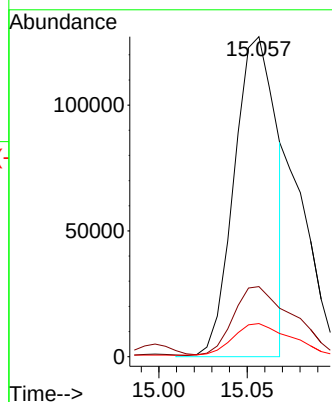
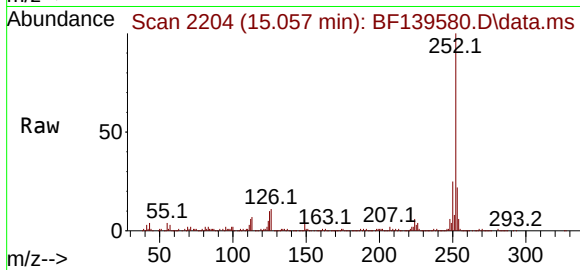
125 10.3 6.2 9.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#89

Benzo(k)fluoranthene

Concen: 13.673 ng m

RT: 15.068 min Scan# 2206

Delta R.T. -0.030 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

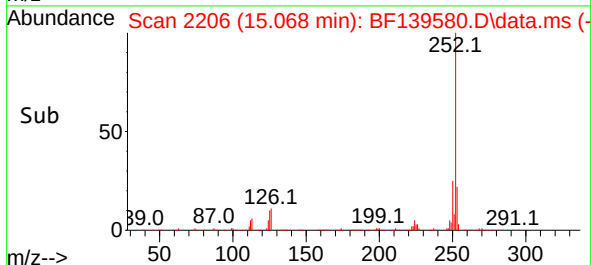
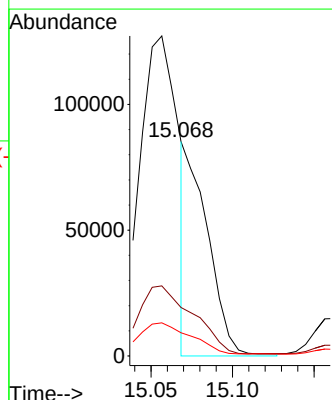
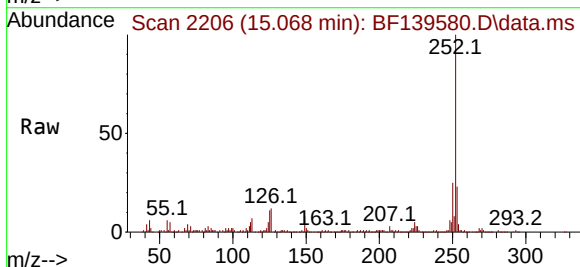
Tgt Ion:252 Resp: 78453

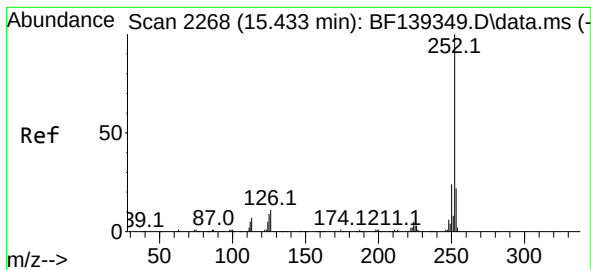
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 10.9 5.9 8.9





#90

Benzo(a)pyrene

Concen: 19.495 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

ETGI-355

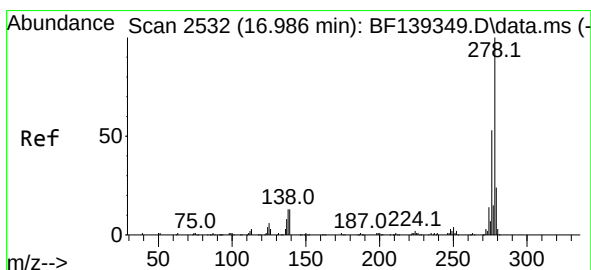
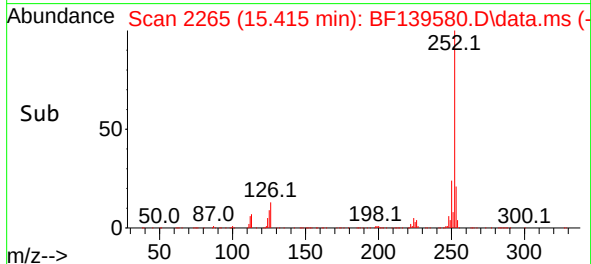
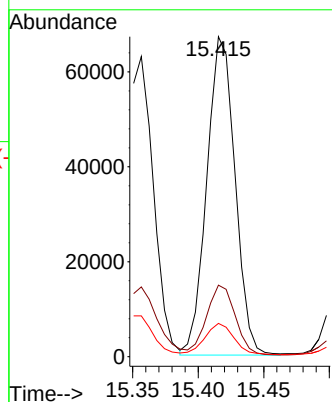
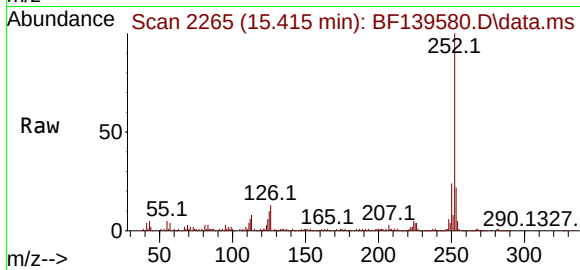
Tgt Ion:	252	Resp:	100614
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	10.4	6.8	10.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.046 ng

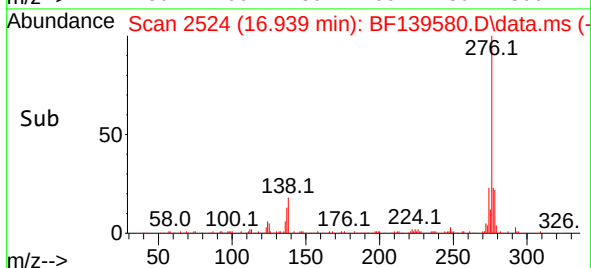
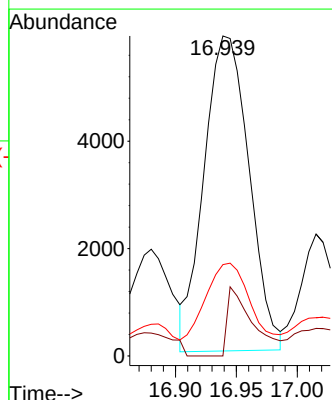
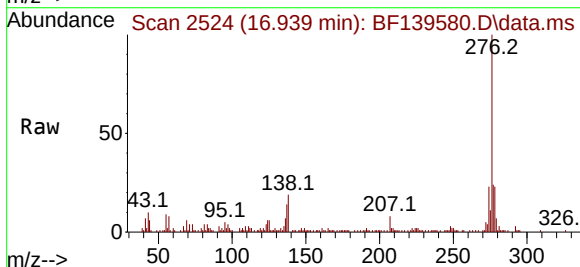
RT: 16.939 min Scan# 2524

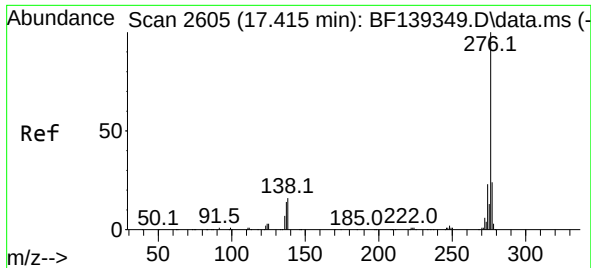
Delta R.T. -0.047 min

Lab File: BF139580.D

Acq: 30 Sep 2024 15:57

Tgt Ion:	278	Resp:	15104
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.2	15.2#
279	28.5	18.9	28.3#





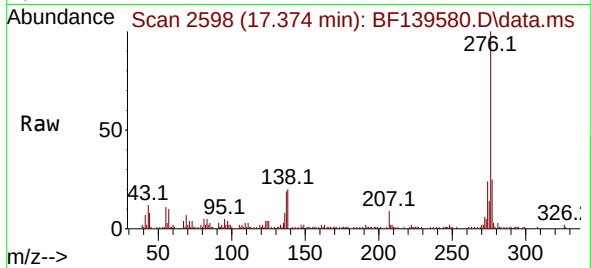
#92
Benzo(g,h,i)perylene
Concen: 10.679 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF139580.D
Acq: 30 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

ETGI-355



Tgt Ion:276 Resp: 5242
Ion Ratio Lower Upper
276 100
277 25.1 18.9 28.3
138 20.0 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024

