

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139988.D
 Acq On : 24 Oct 2024 02:34
 Operator : RC/JU
 Sample : P4468-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-329

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 03:15:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	116813	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	404209	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	196508	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345989	20.000	ng	0.00
76) Chrysene-d12	14.051	240	273536	20.000	ng	0.00
86) Perylene-d12	15.533	264	193675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	645355	86.488	ng	0.00
7) Phenol-d6	6.510	99	776046	80.301	ng	0.00
23) Nitrobenzene-d5	7.445	82	469822	64.420	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	176984	96.288	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	774677	65.153	ng	0.00
79) Terphenyl-d14	12.998	244	922106	54.931	ng	0.00
Target Compounds						
71) Phenanthrene	11.433	178	74561	4.562	ng	Qvalue 98
75) Fluoranthene	12.627	202	88411	5.351	ng	98
78) Pyrene	12.857	202	71277	2.977	ng	98
81) Benzo(a)anthracene	14.039	228	36883	2.071	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	26129m	2.215	ng	

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

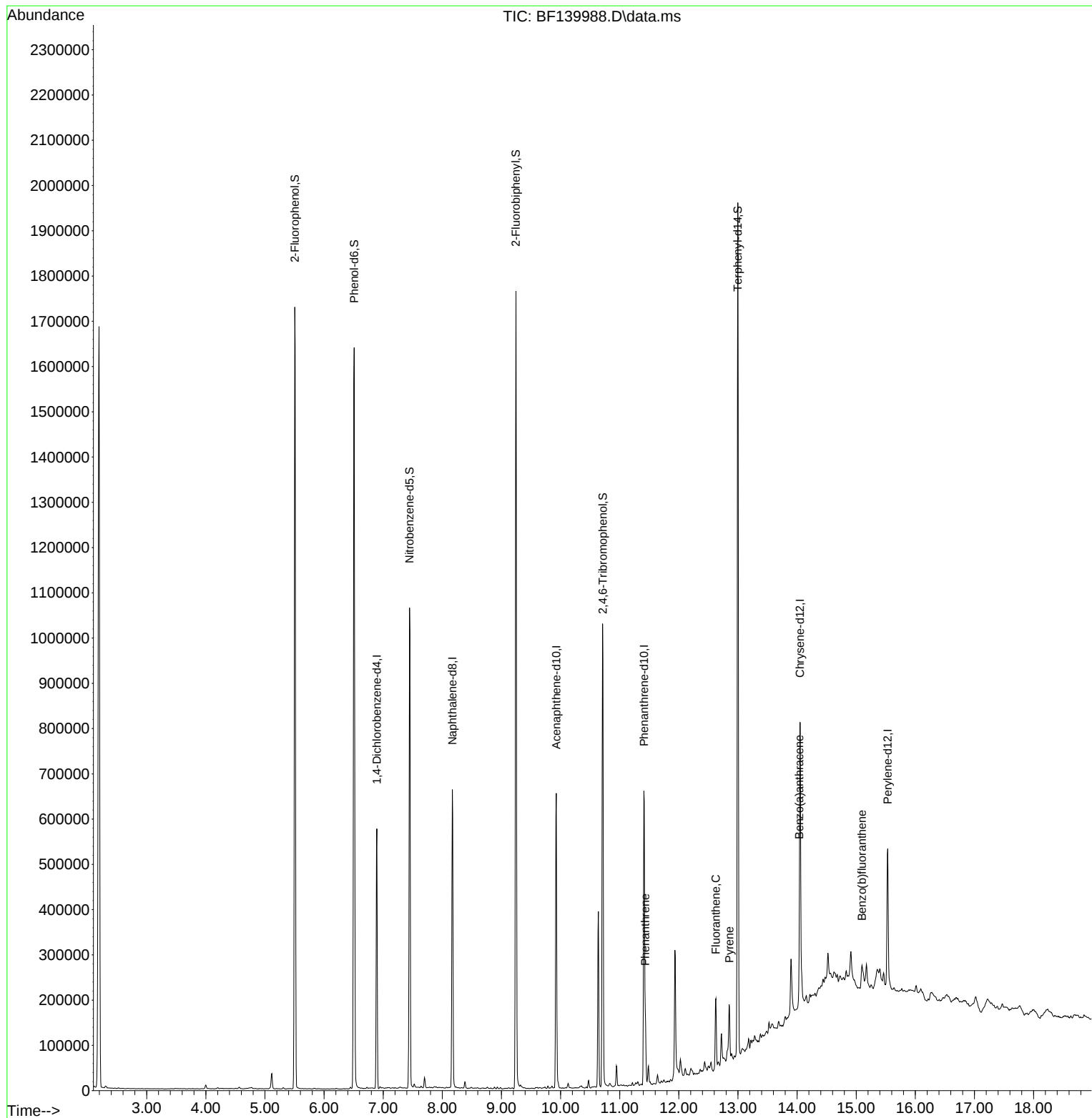
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139988.D
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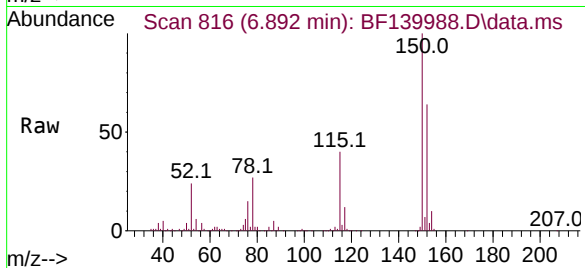
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

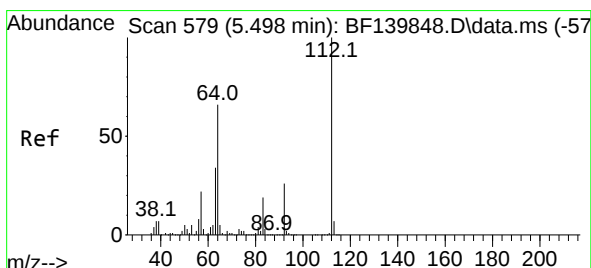
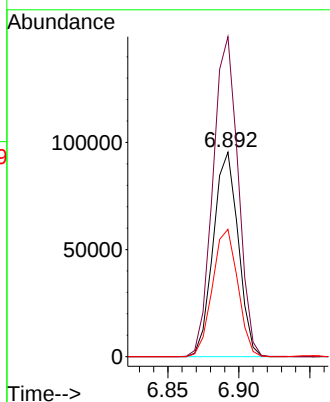
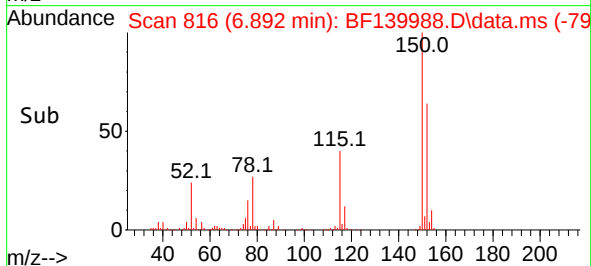
Instrument :
BNA_F
ClientSampleId :
ETGI-329



Tgt Ion:152 Resp: 11681
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 62.3 51.4 77.2

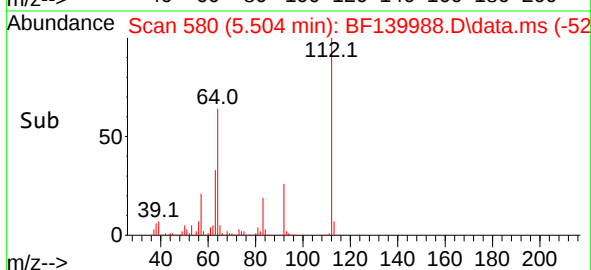
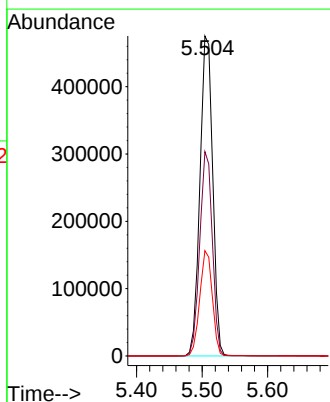
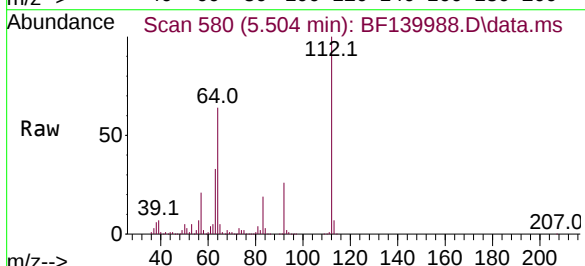
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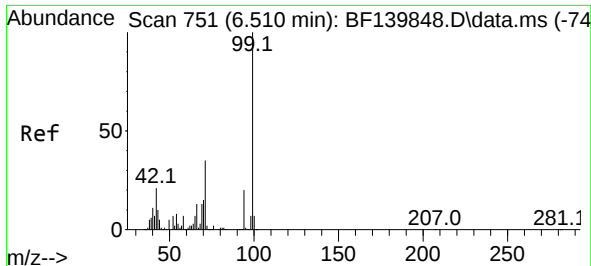
Reviewed By :Jagrut Upadhyay 10/24/2024
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#5
2-Fluorophenol
Concen: 86.488 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

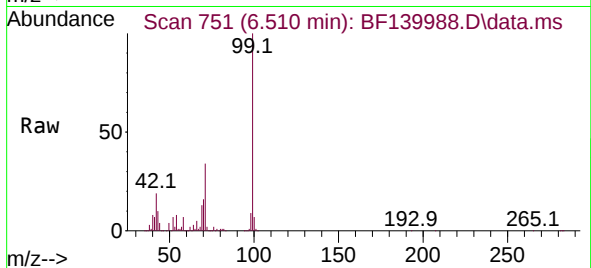
Tgt Ion:112 Resp: 645355
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 32.9 27.0 40.4





#7
Phenol-d6
Concen: 80.301 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

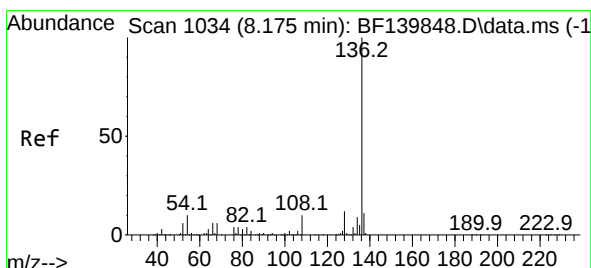
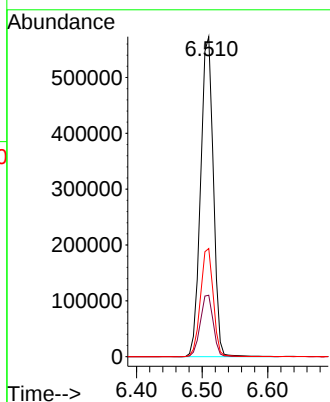
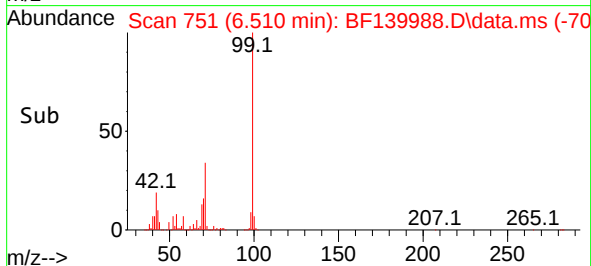
Instrument :
BNA_F
ClientSampleId :
ETGI-329



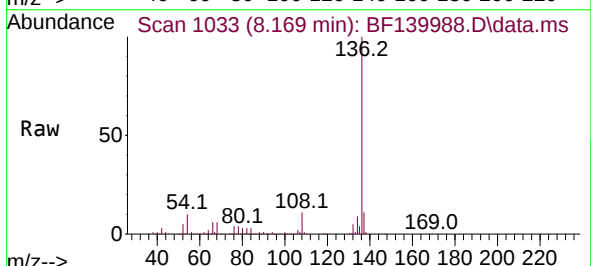
Tgt Ion: 99 Resp: 776040
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 33.8 27.7 41.5

Manual Integrations
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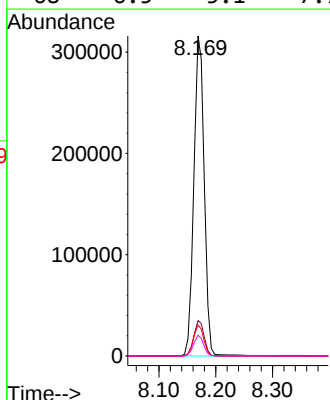
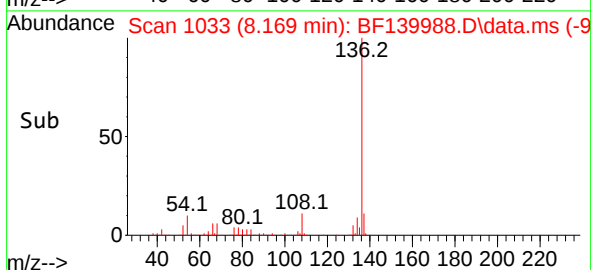
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

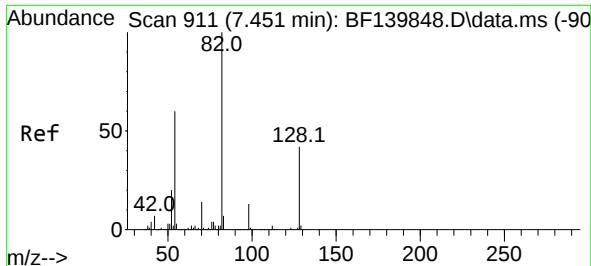


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34



Tgt Ion:136 Resp: 404209
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.7 8.4 12.6
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 64.420 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

Instrument :

BNA_F

ClientSampleId :

ETGI-329

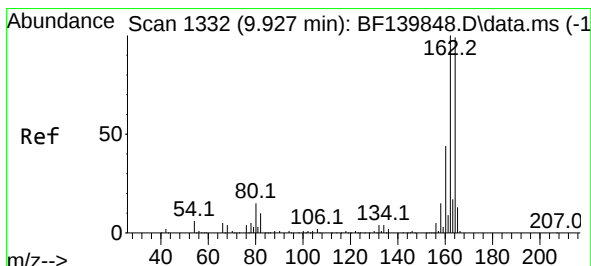
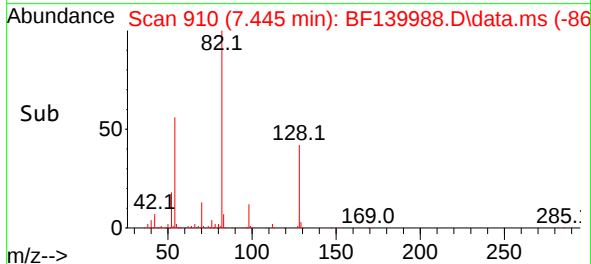
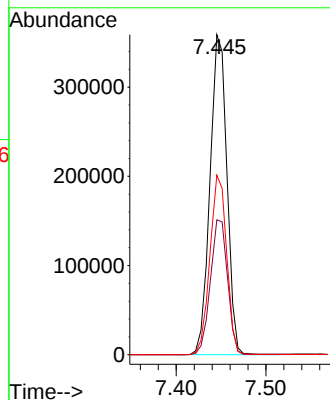
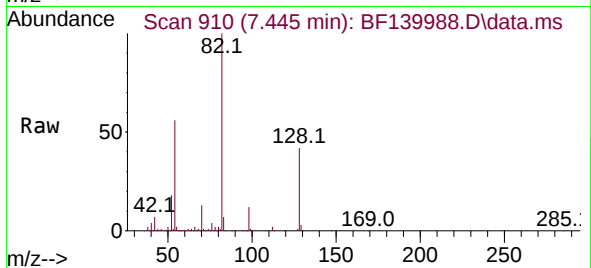
Tgt Ion: 82 Resp: 46982

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	56.1	47.8	71.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

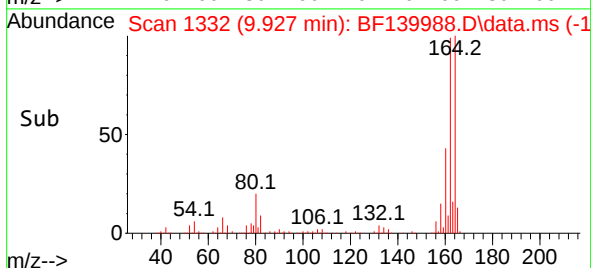
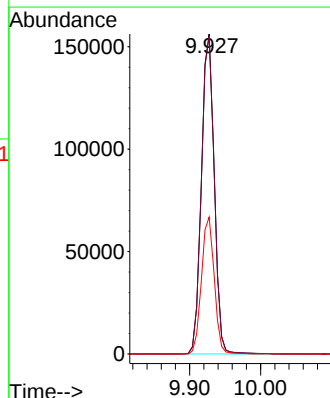
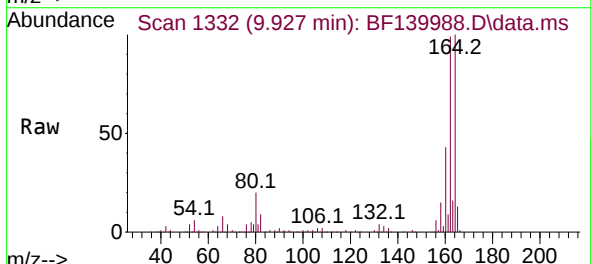
Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

Tgt Ion:164 Resp: 196508

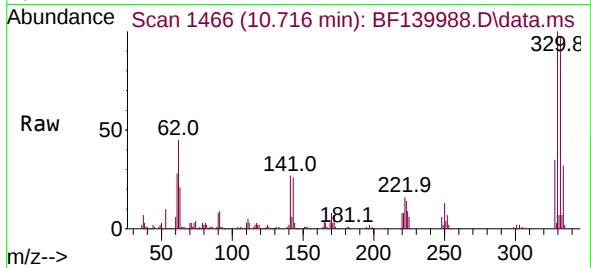
Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.0	121.4
160	42.8	35.4	53.0





#42
2,4,6-Tribromophenol
Concen: 96.288 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

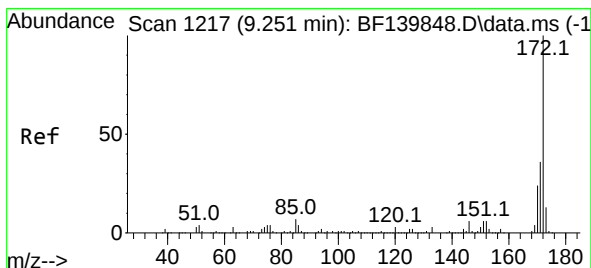
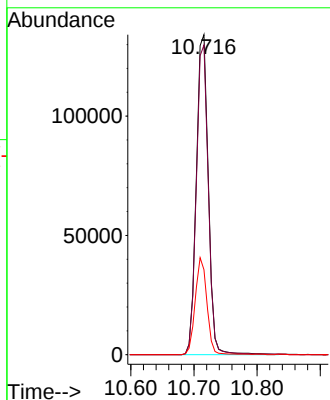
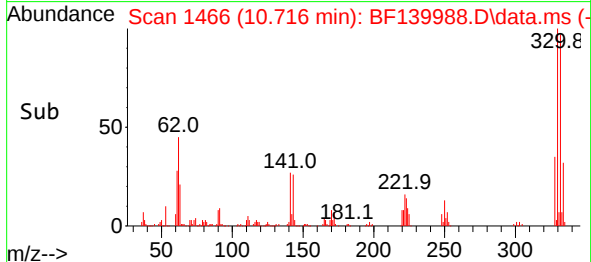
Instrument :
BNA_F
ClientSampleId :
ETGI-329



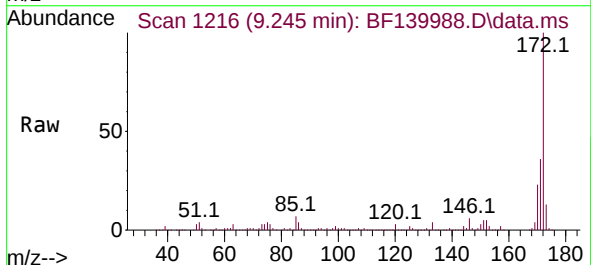
Tgt Ion: 330 Resp: 176984
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 29.6 26.6 39.8

Manual Integrations
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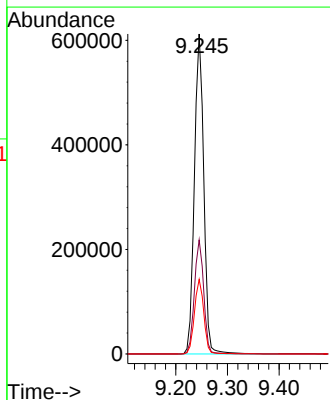
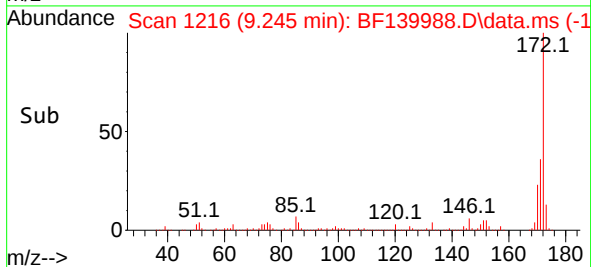
Reviewed By : Jagrut Upadhyay 10/24/2024
Supervised By : mohammad ahmed 10/25/2024

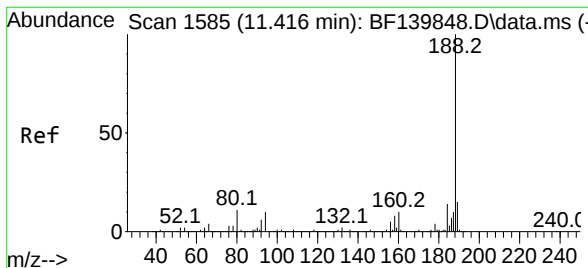


#45
2-Fluorobiphenyl
Concen: 65.153 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34



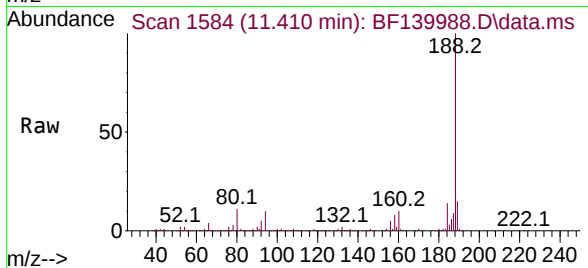
Tgt Ion: 172 Resp: 774677
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

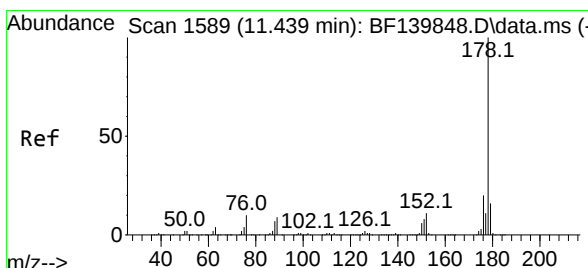
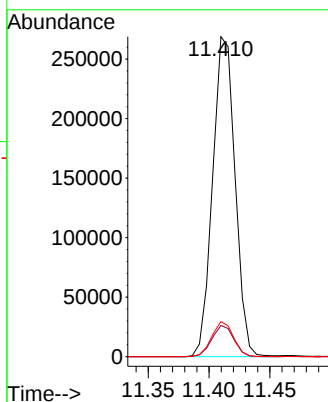
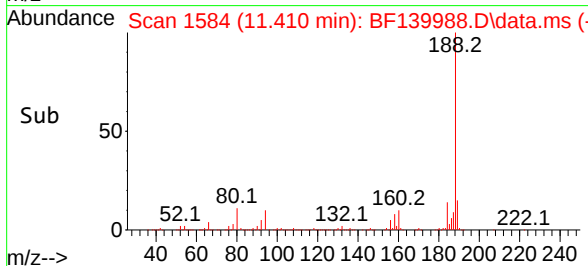
Instrument :
BNA_F
ClientSampleId :
ETGI-329



Tgt Ion:188 Resp: 345989
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.9 9.0 13.4

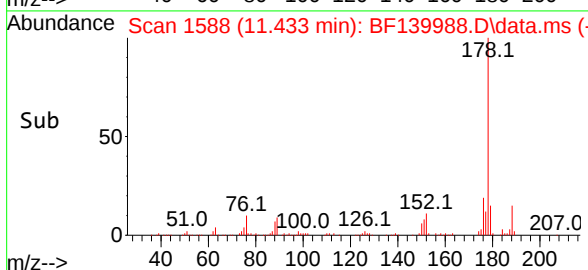
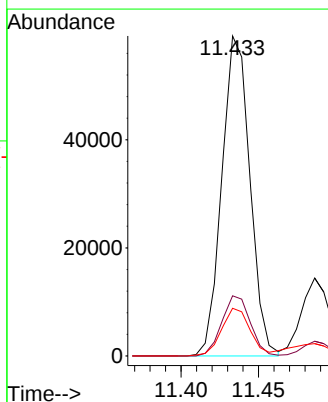
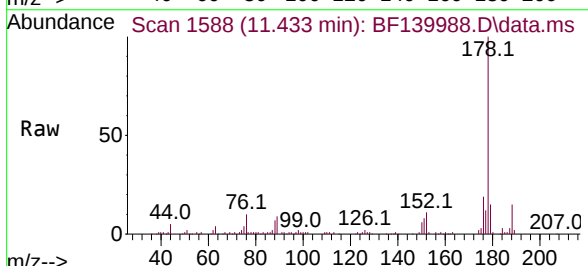
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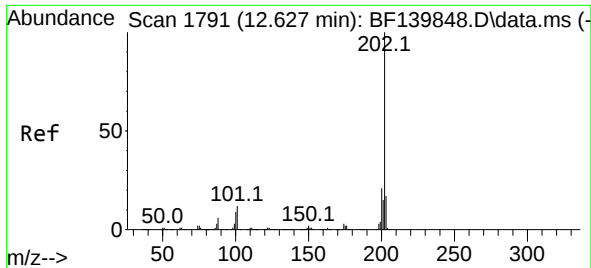
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#71
Phenanthrene
Concen: 4.562 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

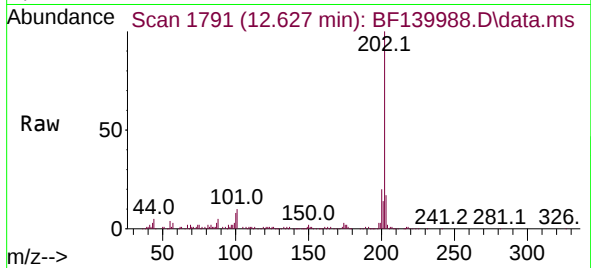
Tgt Ion:178 Resp: 74561
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 14.9 12.6 18.8





#75
Fluoranthene
Concen: 5.351 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

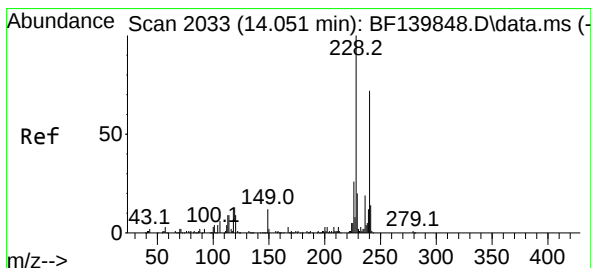
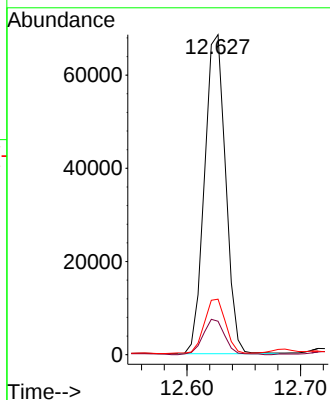
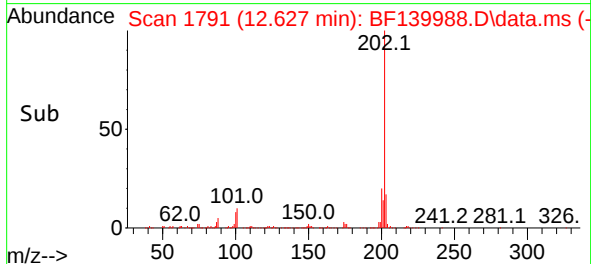
Instrument :
BNA_F
ClientSampleId :
ETGI-329



Tgt Ion:202 Resp: 8841
Ion Ratio Lower Upper
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101 10.5 0.0 31.9
203 17.3 0.0 37.5

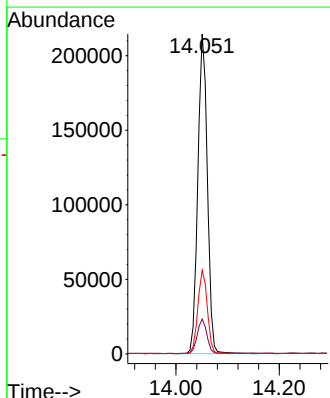
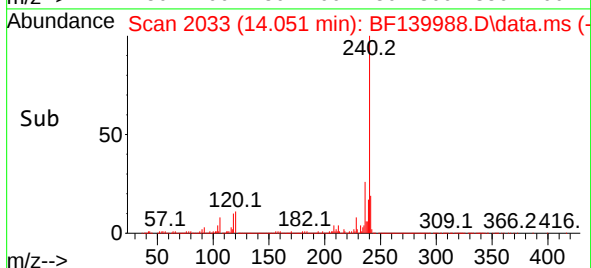
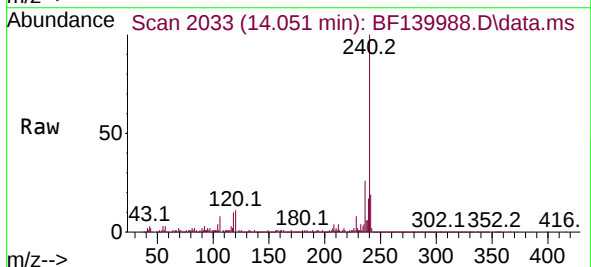
Manual Integrations
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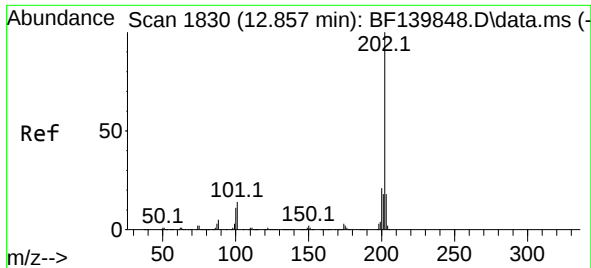
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:240 Resp: 273536
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.2 20.9 31.3





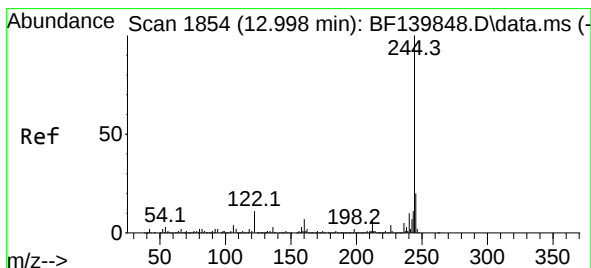
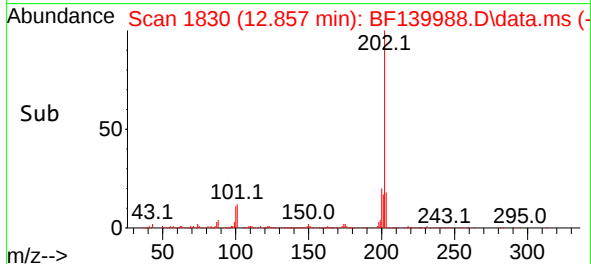
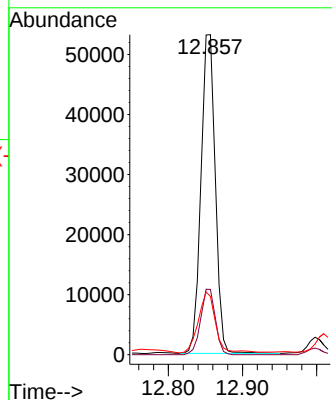
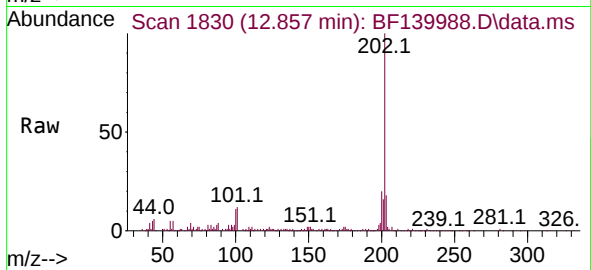
#78
Pyrene
Concen: 2.977 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion:202 Resp: 7127
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 18.2 14.2 21.4

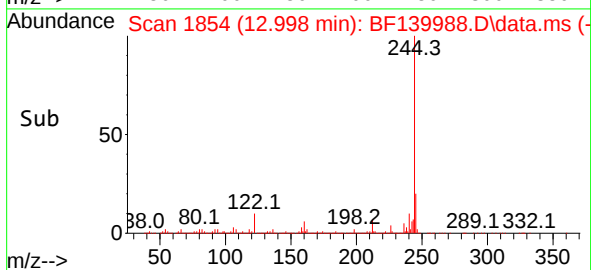
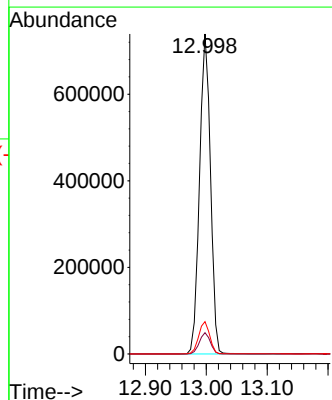
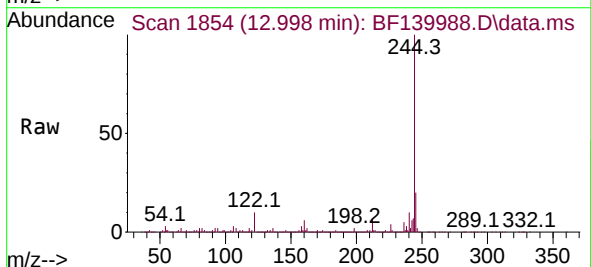
Manual Integrations
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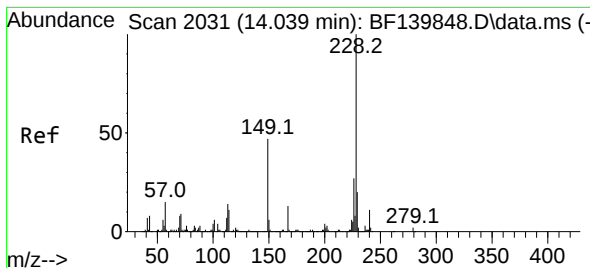
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#79
Terphenyl-d14
Concen: 54.931 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:244 Resp: 922106
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.1 8.6 13.0





#81

Benzo(a)anthracene

Concen: 2.071 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

Instrument :

BNA_F

ClientSampleId :

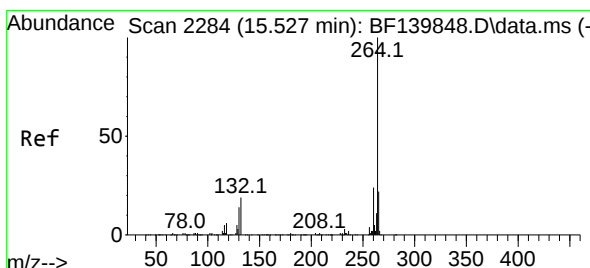
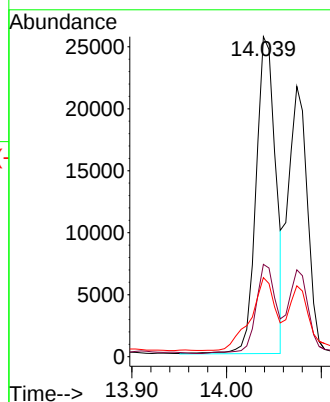
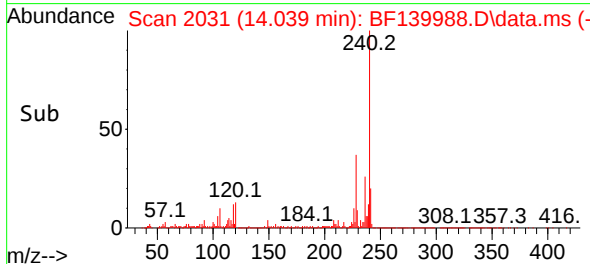
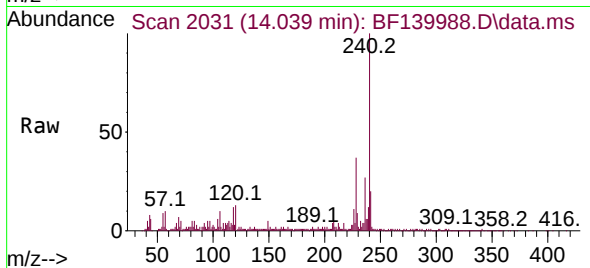
ETGI-329

Tgt Ion:	228	Resp:	3688
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.6	32.4
229	24.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#86

Perylene-d12

Concen: 20.000 ng

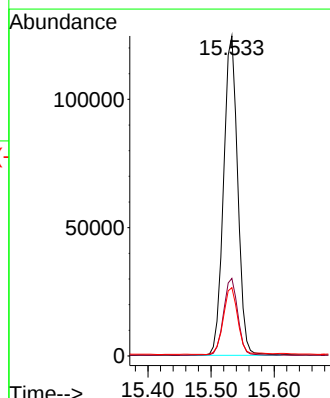
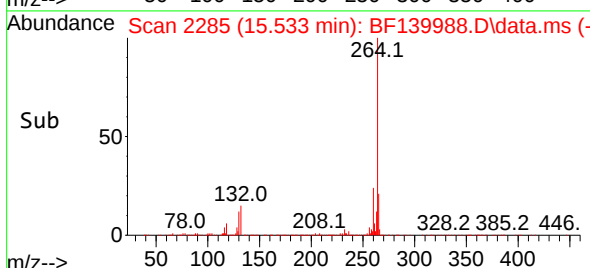
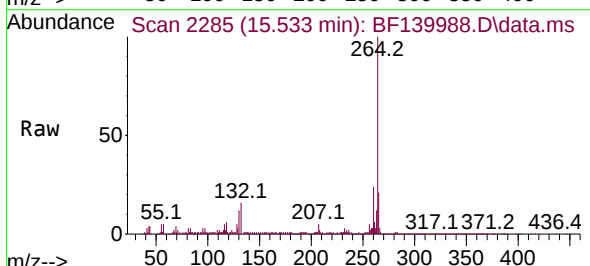
RT: 15.533 min Scan# 2285

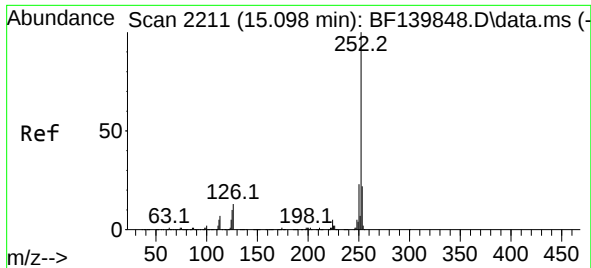
Delta R.T. 0.006 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

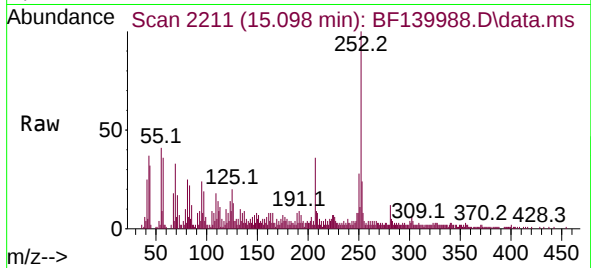
Tgt Ion:	264	Resp:	193675
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	21.4	17.4	26.0





#88
Benzo(b)fluoranthene
Concen: 2.215 ng m
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Instrument :
BNA_F
ClientSampleId :
ETGI-329



Tgt Ion:252 Resp: 26129
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 19.6 7.9 11.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

