

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136388.D
 Acq On : 04 Dec 2023 18:31
 Operator : CG\JU
 Sample : 05434-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 05 00:35:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122695	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	459547	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	207173	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	342277	20.000	ng	0.00
76) Chrysene-d12	13.980	240	292631	20.000	ng	0.00
86) Perylene-d12	15.462	264	230997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	741878	84.159	ng	0.00
7) Phenol-d6	6.440	99	903402	81.961	ng	0.00
23) Nitrobenzene-d5	7.363	82	543724	62.523	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	210846	83.244	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1079979	66.585	ng	0.00
79) Terphenyl-d14	12.927	244	1120646	44.173	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	49745	2.547	ng	91
87) Indeno(1,2,3-cd)pyrene	16.962	276	14012m	3.445	ng	
88) Benzo(b)fluoranthene	15.027	252	38165m	2.355	ng	
91) Dibenzo(a,h)anthracene	16.980	278	3763	2.970	ng	# 27
92) Benzo(g,h,i)perylene	17.415	276	13518	2.834	ng	# 89

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

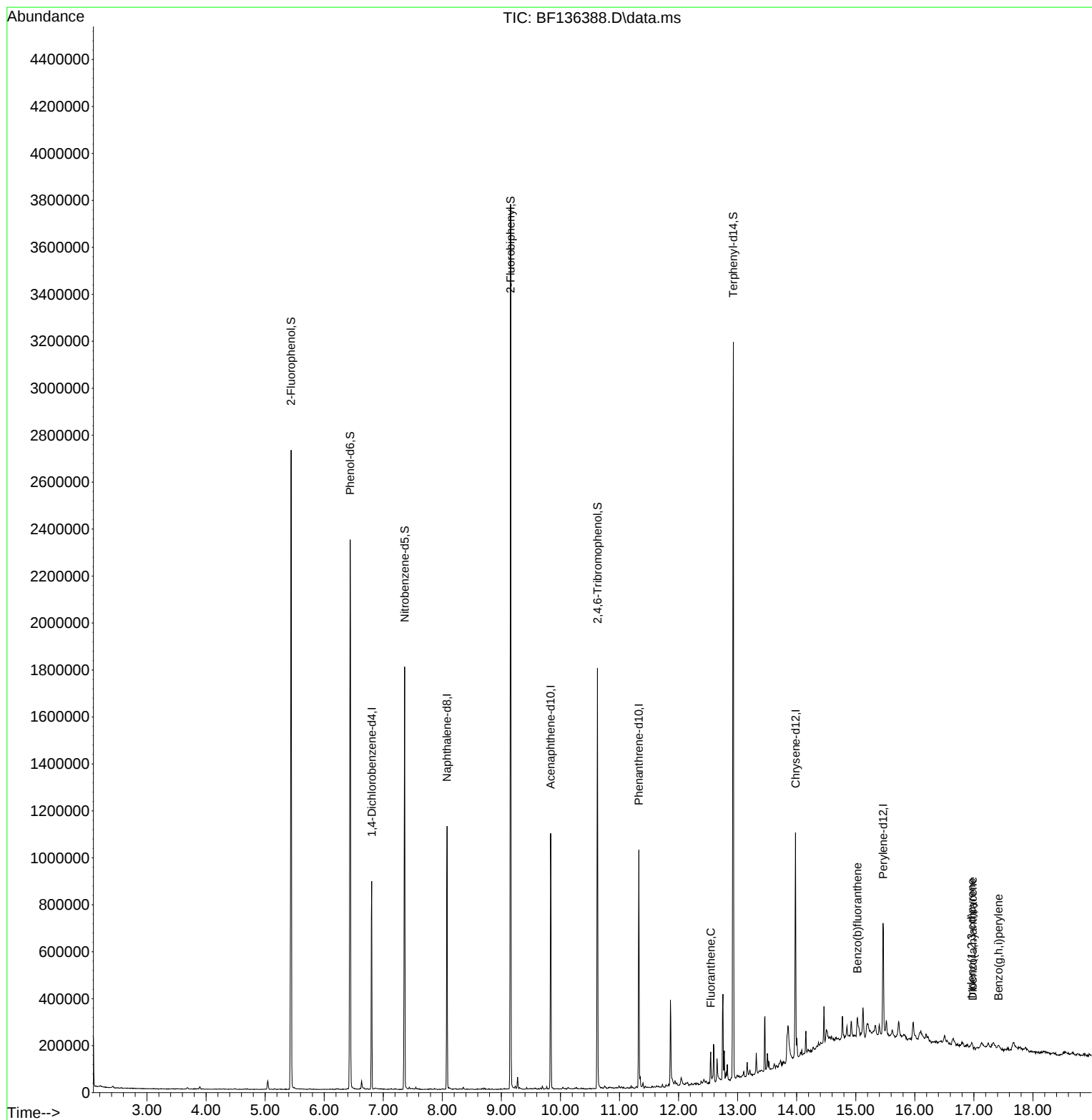
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136388.D
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Sample : 05434-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

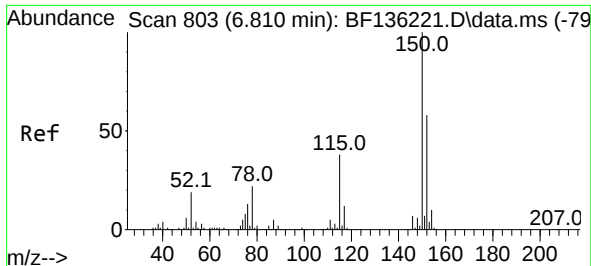
Instrument :
BNA_F
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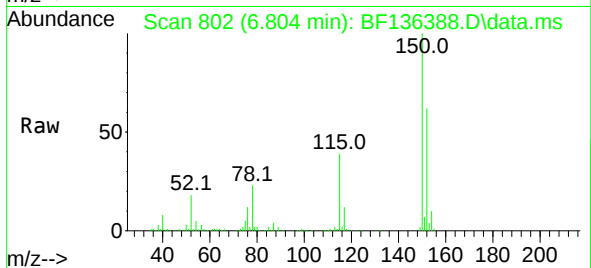
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

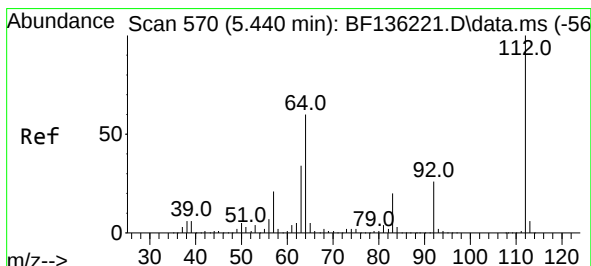
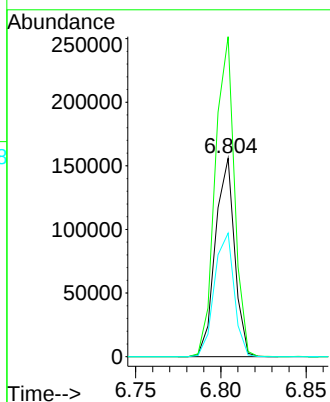
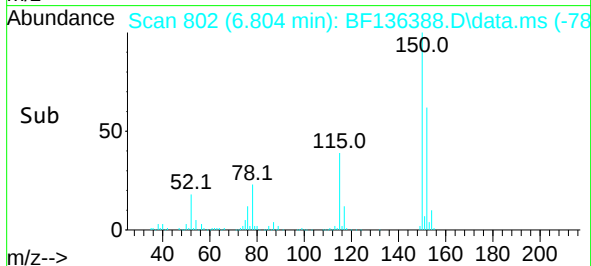
Instrument :
BNA_F
ClientSampleId :
COMP-6



Tgt Ion:152 Resp: 12269
Ion Ratio Lower Upper
152 100
150 161.3 137.8 206.8
115 62.3 52.7 79.1

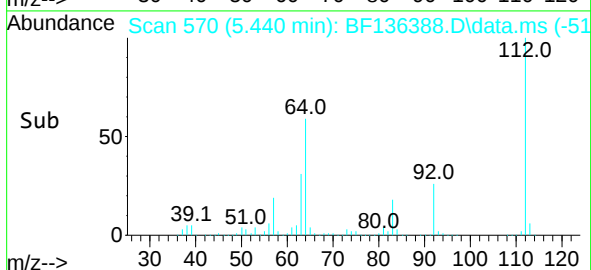
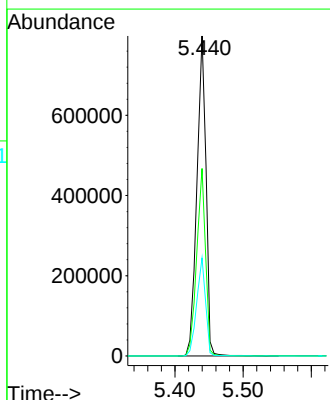
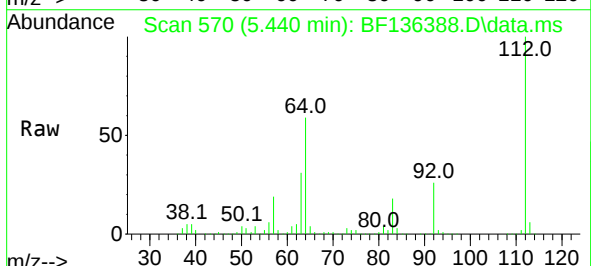
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#5
2-Fluorophenol
Concen: 84.159 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

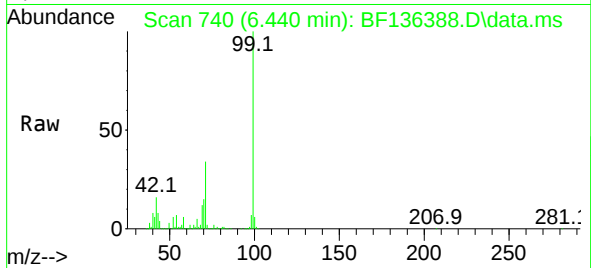
Tgt Ion:112 Resp: 741878
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.4
63 30.7 27.0 40.6





#7
Phenol-d6
Concen: 81.961 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

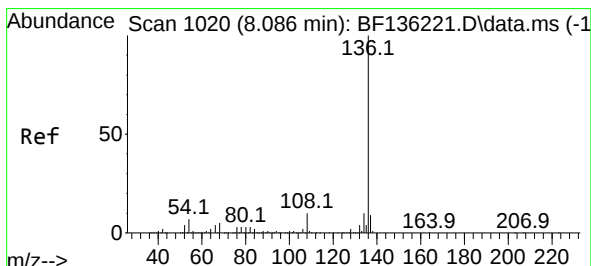
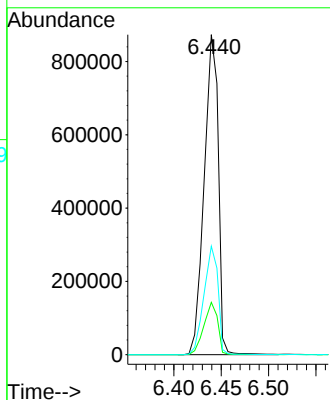
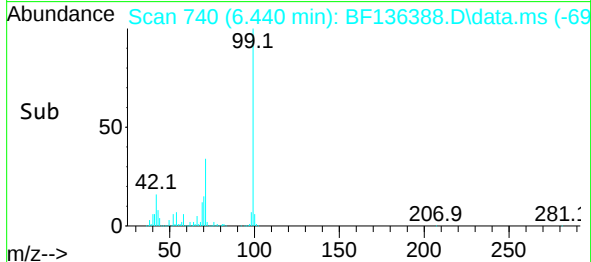
Instrument :
BNA_F
ClientSampleId :
COMP-6



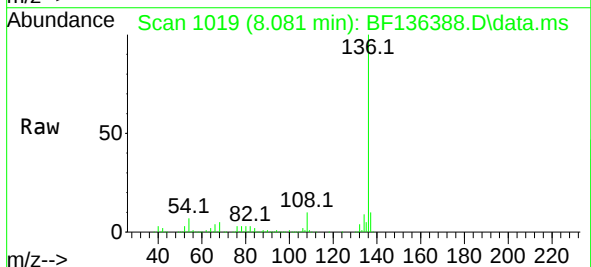
Tgt Ion: 99 Resp: 903402
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 33.9 28.9 43.3

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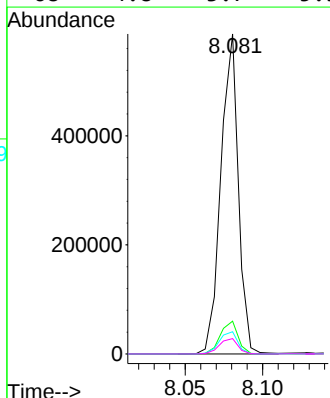
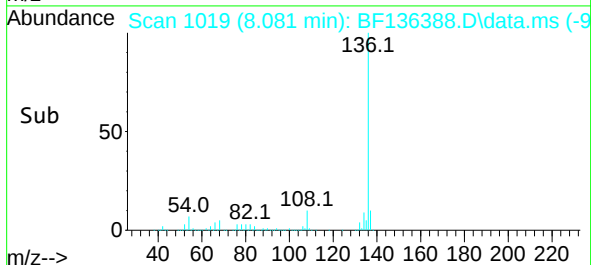
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31



Tgt Ion:136 Resp: 459547
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.9 5.5 8.3
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 62.523 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136388.D

Acq: 04 Dec 2023 18:31

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion: 82 Resp: 543724

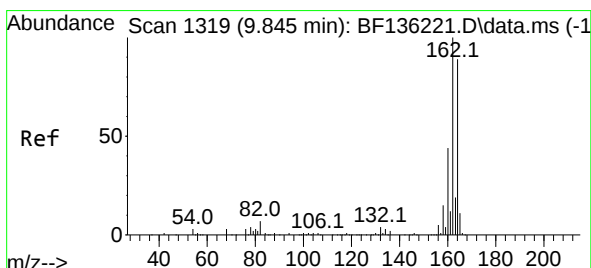
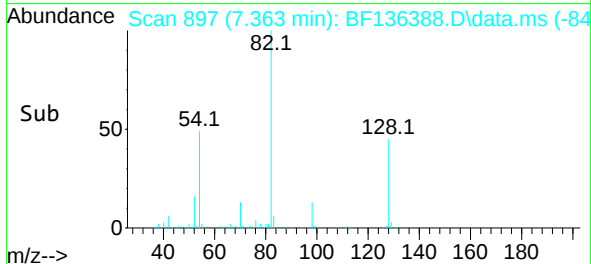
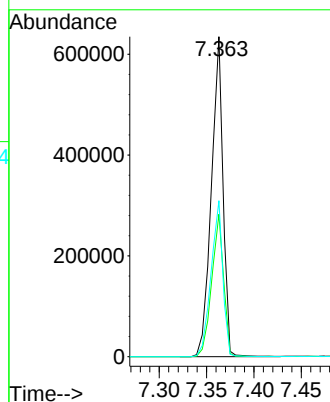
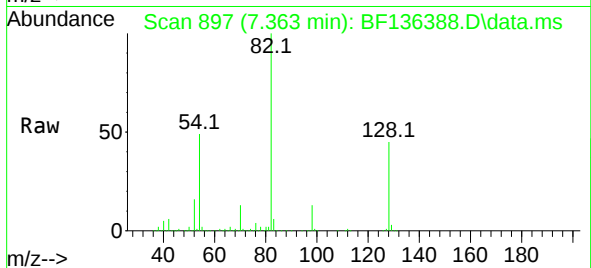
Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.4	50.2
54	48.8	41.7	62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

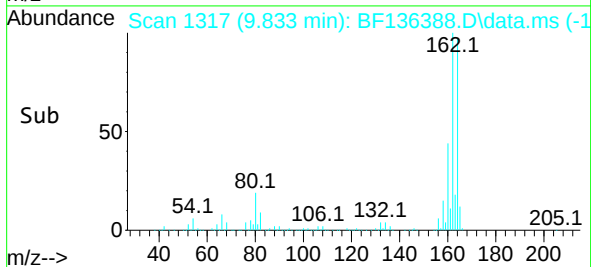
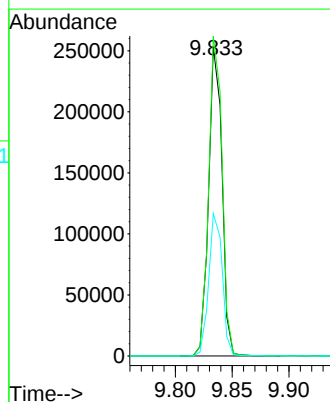
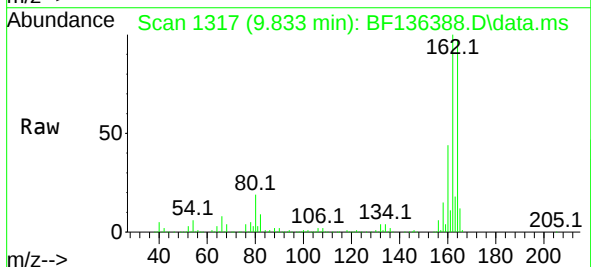
Delta R.T. -0.006 min

Lab File: BF136388.D

Acq: 04 Dec 2023 18:31

Tgt Ion:164 Resp: 207173

Ion	Ratio	Lower	Upper
164	100		
162	103.5	89.5	134.3
160	46.1	39.6	59.4





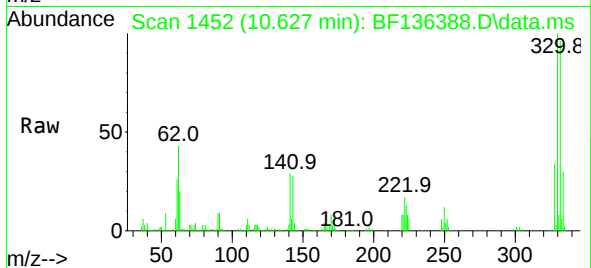
#42
2,4,6-Tribromophenol
Concen: 83.244 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

Instrument :

BNA_F

ClientSampleId :

COMP-6

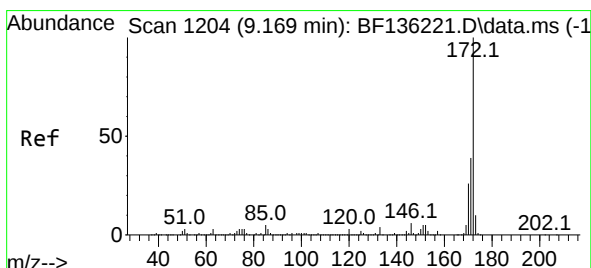
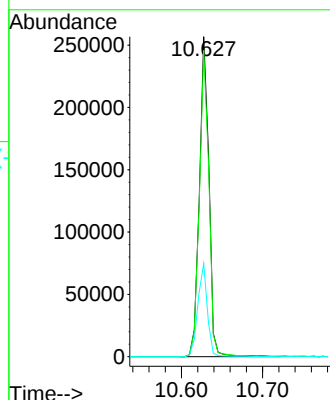
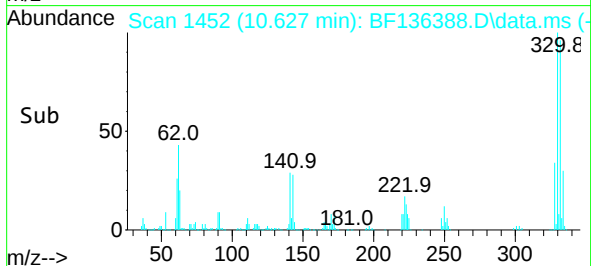


Tgt Ion:330 Resp: 210840
Ion Ratio Lower Upper
330 100
332 95.9 73.0 109.6
141 29.3 24.2 36.2

Manual Integrations

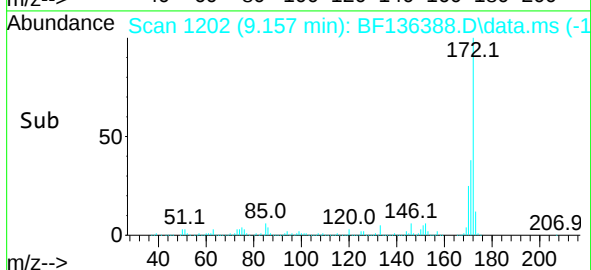
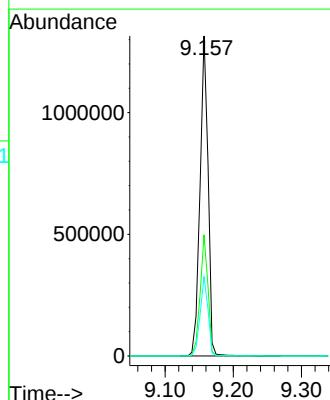
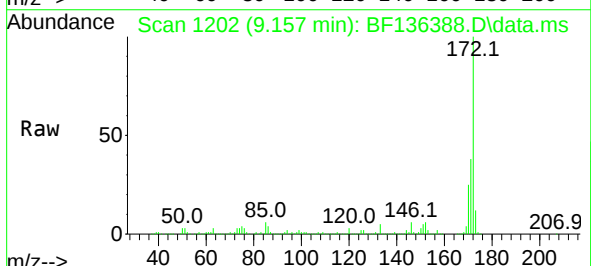
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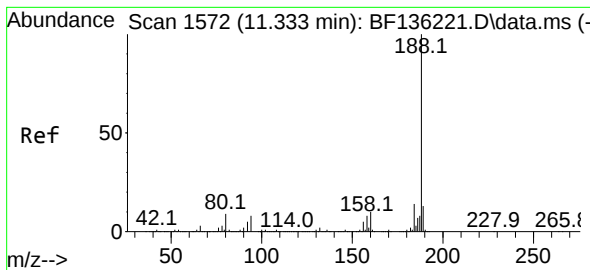
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#45
2-Fluorobiphenyl
Concen: 66.585 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

Tgt Ion:172 Resp: 1079979
Ion Ratio Lower Upper
172 100
171 37.8 31.5 47.3
170 24.7 20.8 31.2





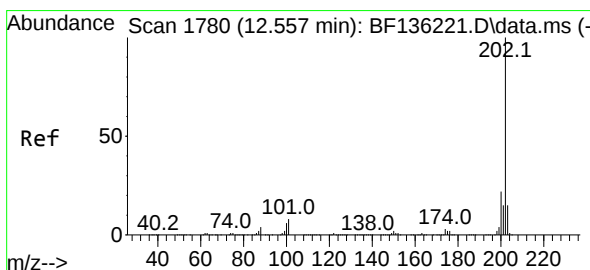
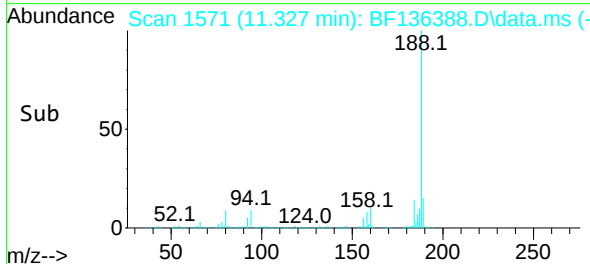
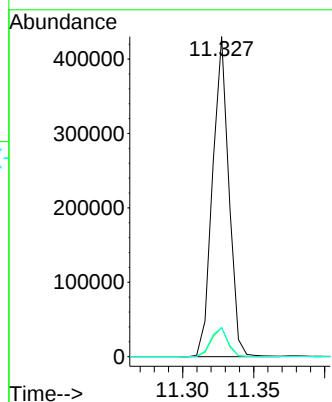
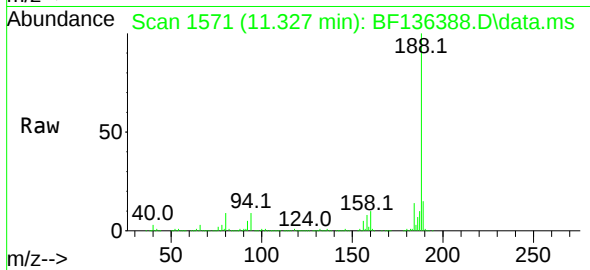
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion:188 Resp: 34227
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.1 7.2 10.8

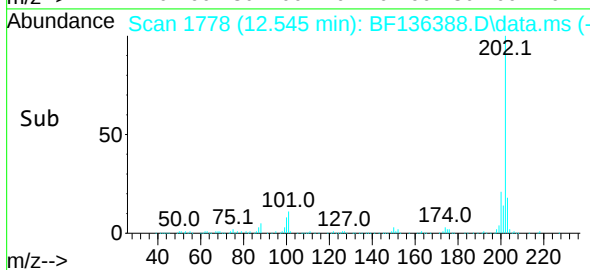
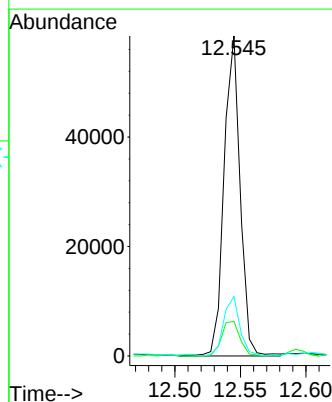
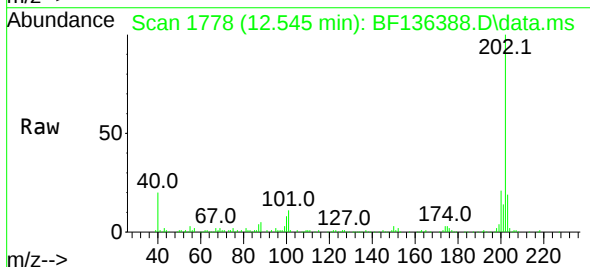
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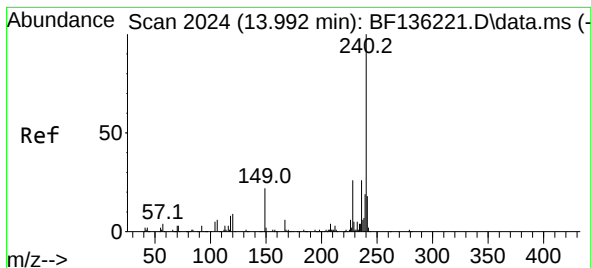
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#75
Fluoranthene
Concen: 2.547 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

Tgt Ion:202 Resp: 49745
Ion Ratio Lower Upper
202 100
101 10.8 0.0 27.8
203 18.6 0.0 34.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136388.D

Acq: 04 Dec 2023 18:31

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion:240 Resp: 29263

Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.2

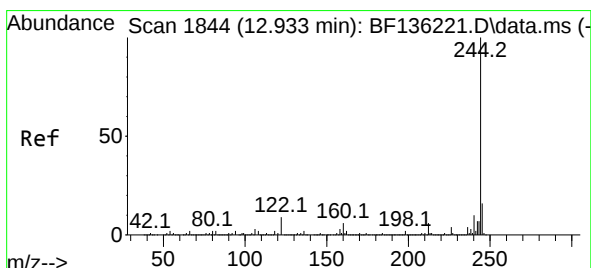
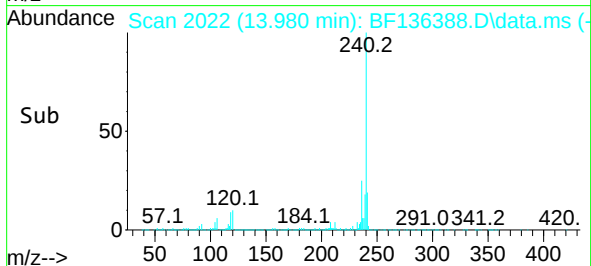
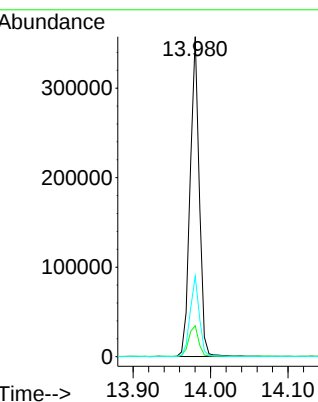
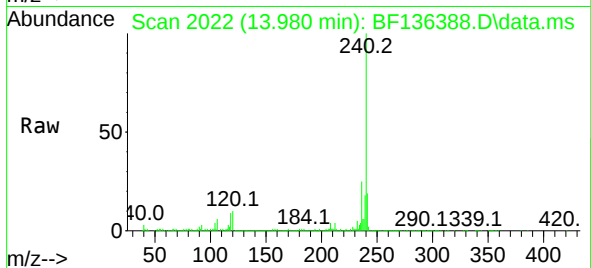
236 25.2 21.1 31.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/05/2023



#79

Terphenyl-d14

Concen: 44.173 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF136388.D

Acq: 04 Dec 2023 18:31

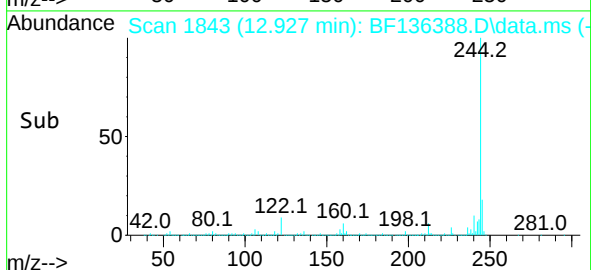
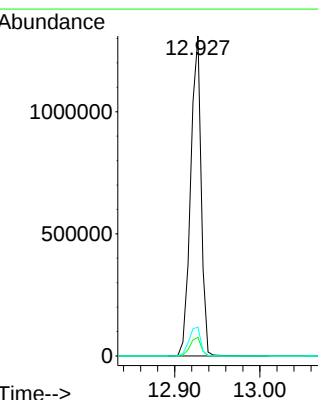
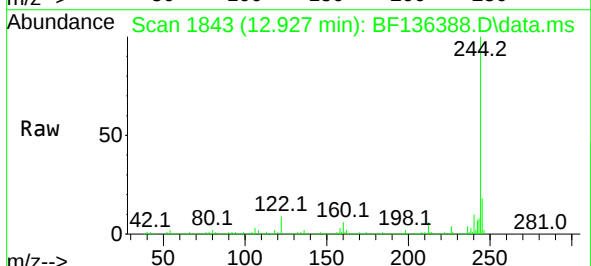
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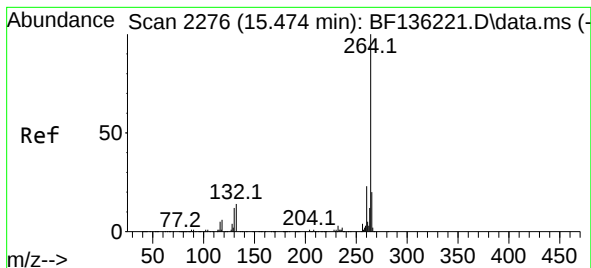
Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

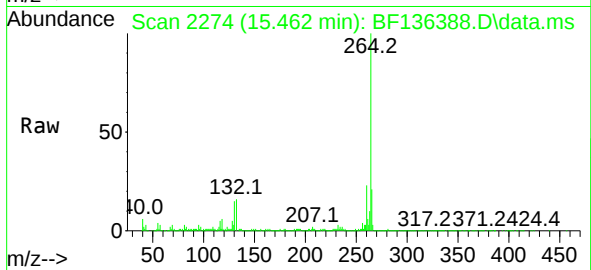
122 9.0 7.3 10.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

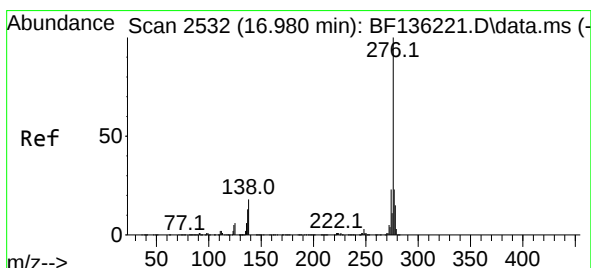
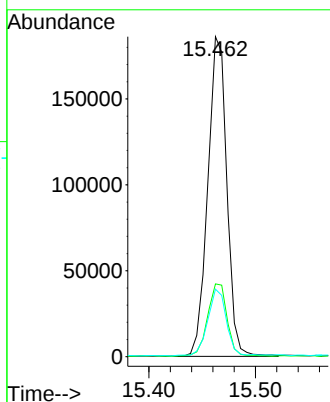
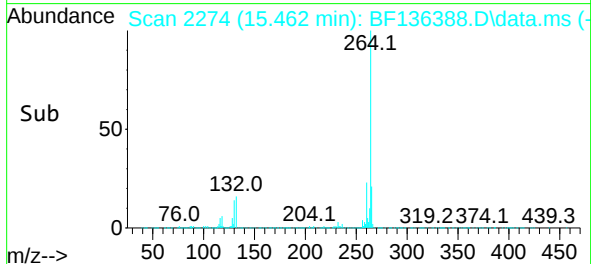
Instrument :
BNA_F
ClientSampleId :
COMP-6



Tgt Ion:264 Resp: 23099
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.1 15.7 23.5

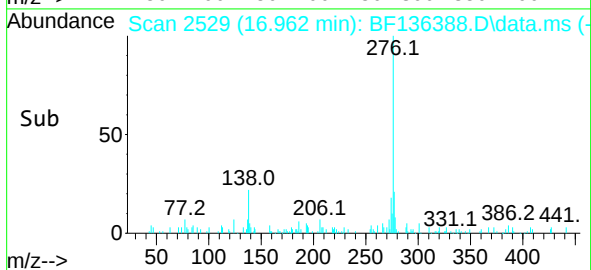
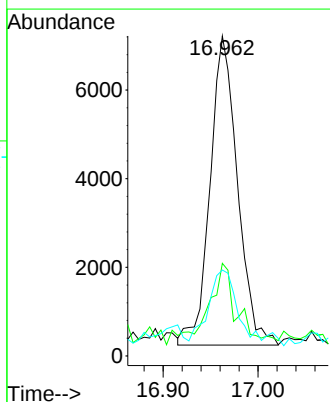
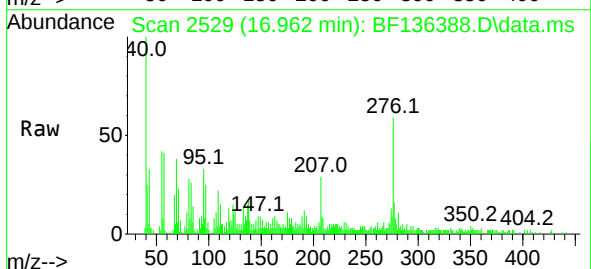
Manual Integrations
APPROVED

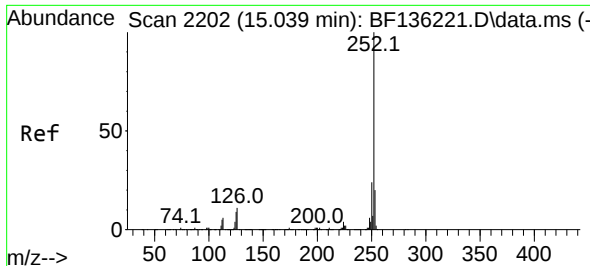
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.445 ng m
RT: 16.962 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

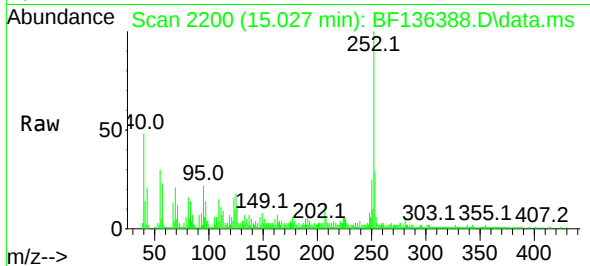
Tgt Ion:276 Resp: 14012
Ion Ratio Lower Upper
276 100
138 1.7 17.7 26.5#
277 1.9 19.6 29.4#





#88
Benzo(b)fluoranthene
Concen: 2.355 ng m
RT: 15.027 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

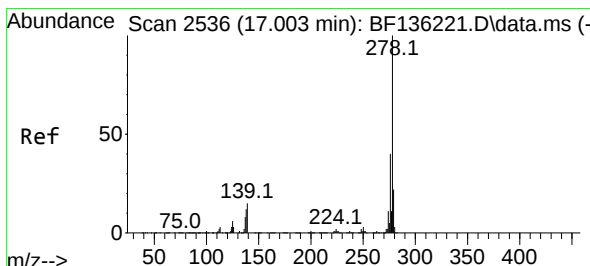
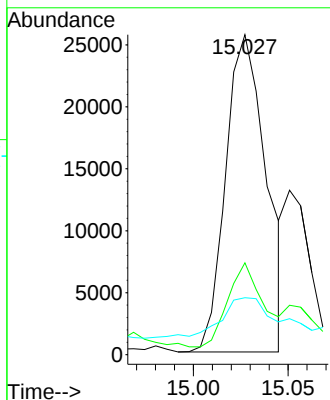
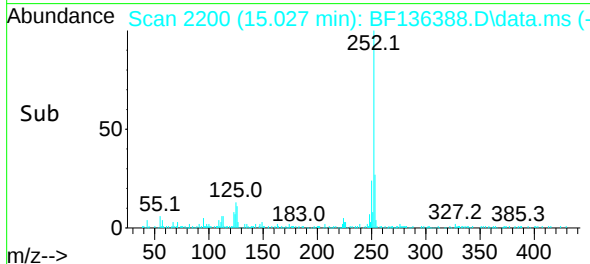
Instrument :
BNA_F
ClientSampleId :
COMP-6



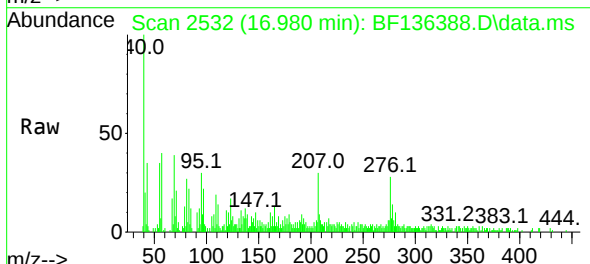
Tgt Ion:252 Resp: 3816
Ion Ratio Lower Upper
252 100
253 28.7 16.2 24.2
125 17.8 6.9 10.3

Manual Integrations
APPROVED

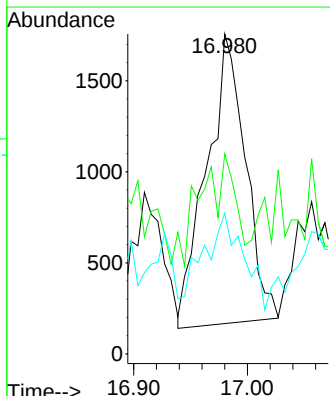
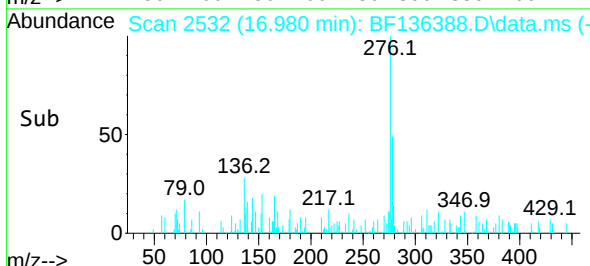
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

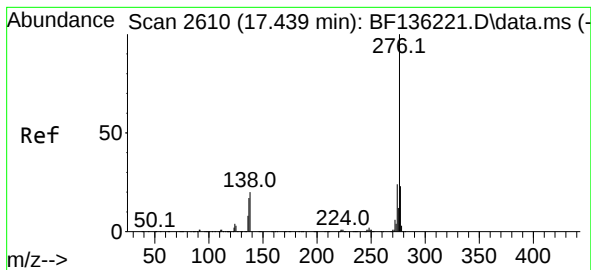


#91
Dibenzo(a,h)anthracene
Concen: 2.970 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31



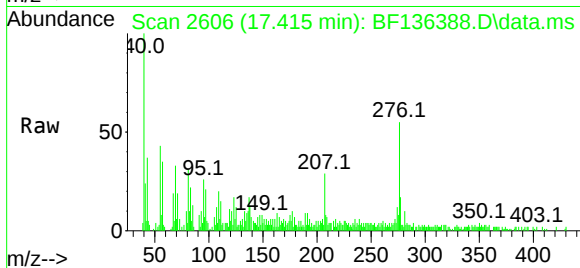
Tgt Ion:278 Resp: 3763
Ion Ratio Lower Upper
278 100
139 62.5 11.7 17.5#
279 44.0 17.8 26.8#





#92
Benzo(g,h,i)perylene
Concen: 2.834 ng
RT: 17.415 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136388.D
Acq: 04 Dec 2023 18:31

Instrument :
BNA_F
ClientSampleId :
COMP-6



Tgt Ion:276 Resp: 13518
Ion Ratio Lower Upper
276 100
277 30.8 18.6 27.8
138 21.9 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

