

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137492.D
 Acq On : 04 Mar 2024 20:47
 Operator : CG\JU
 Sample : P1669-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 23:19:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	215133	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	866032	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	487782	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	800178	20.000	ng	0.00
76) Chrysene-d12	14.039	240	427409	20.000	ng	-0.01
86) Perylene-d12	15.568	264	461246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	992228	69.853	ng	0.00
7) Phenol-d6	6.493	99	1352389	65.958	ng	-0.01
23) Nitrobenzene-d5	7.410	82	812882	43.613	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	161270	37.648	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1382877	44.378	ng	0.00
79) Terphenyl-d14	12.980	244	1224068	39.382	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.604	202	203572	4.782	ng	96
78) Pyrene	12.833	202	163028	3.887	ng	98
81) Benzo(a)anthracene	14.033	228	66638	2.224	ng	96
83) Chrysene	14.069	228	64594m	2.133	ng	
88) Benzo(b)fluoranthene	15.116	252	59103m	2.166	ng	

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

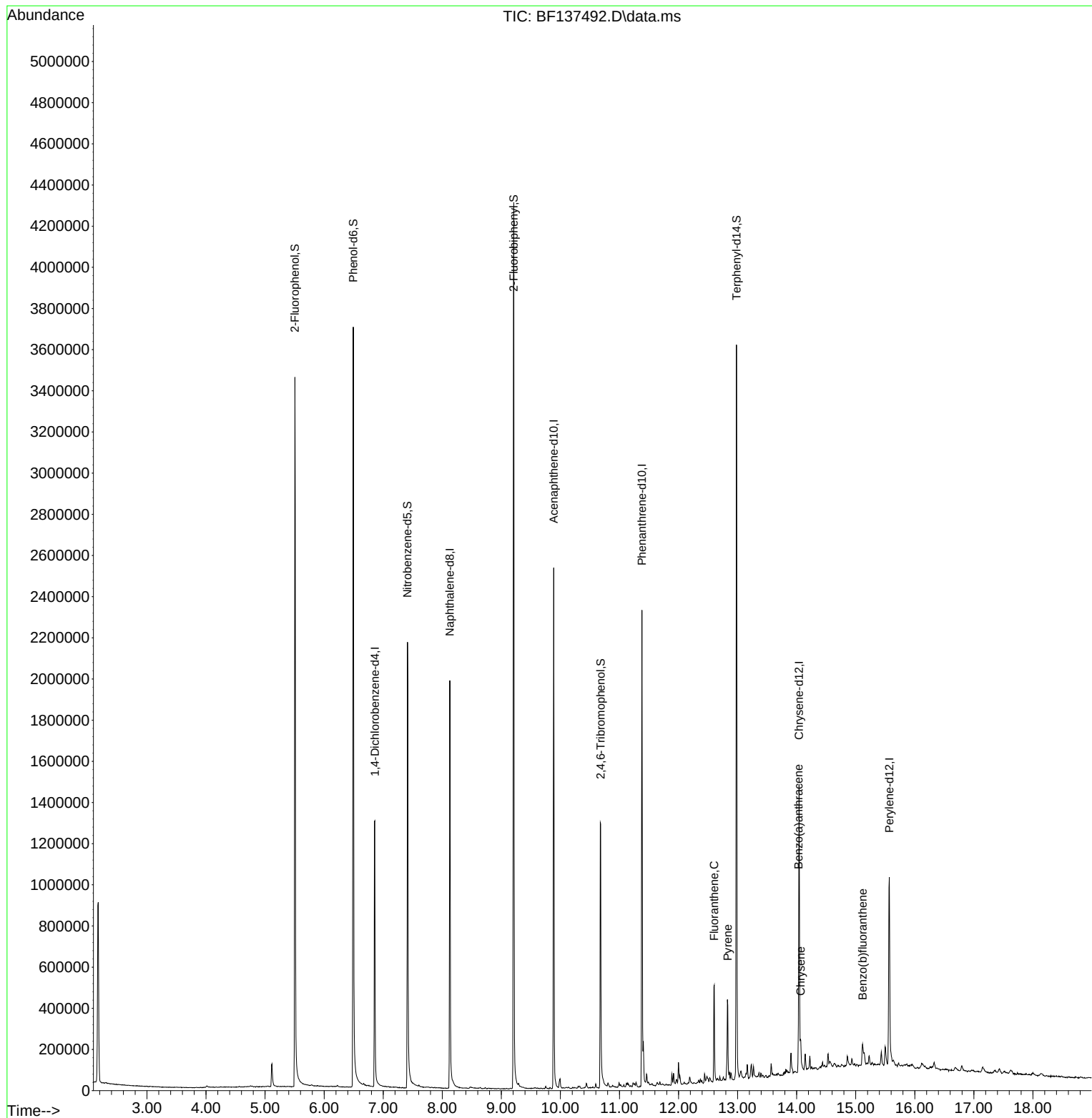
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137492.D
Acq On : 04 Mar 2024 20:47
Operator : CG\JU
Sample : P1669-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

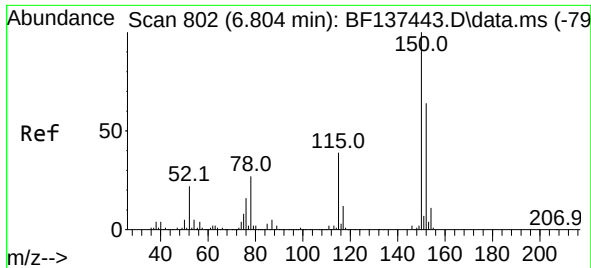
Instrument :
BNA_F
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TP-6

Quant Time: Mar 04 23:19:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

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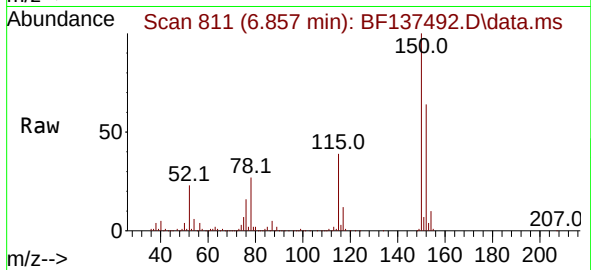
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

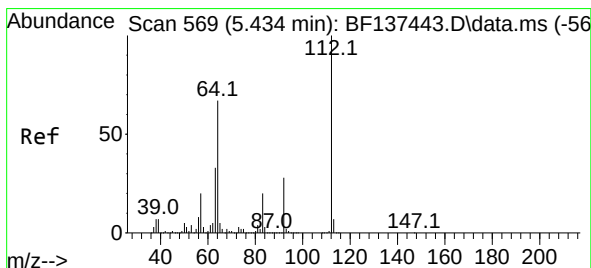
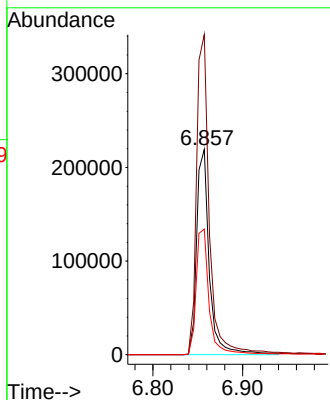
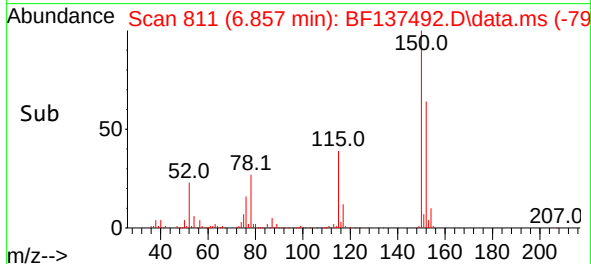
Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:152 Resp: 21513
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 61.2 48.8 73.2

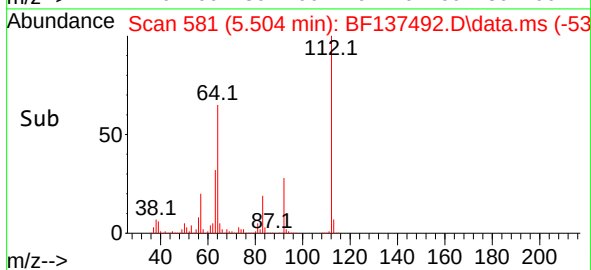
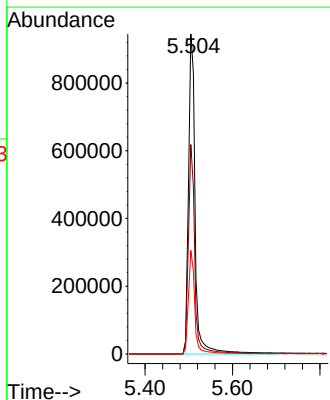
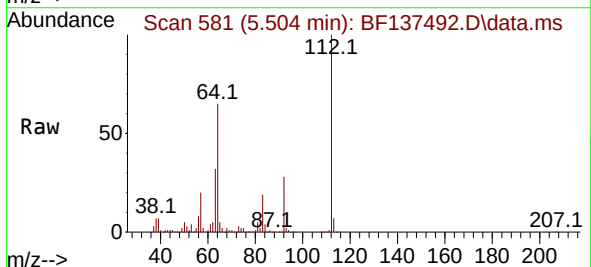
Manual Integrations
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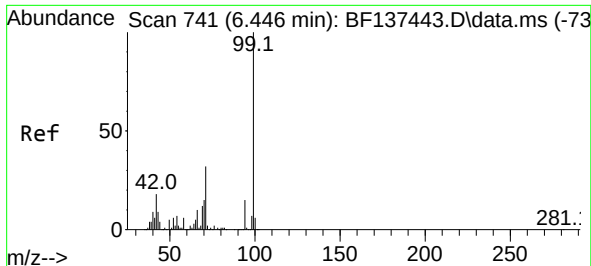
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#5
2-Fluorophenol
Concen: 69.853 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

Tgt Ion:112 Resp: 992228
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 32.3 26.2 39.2





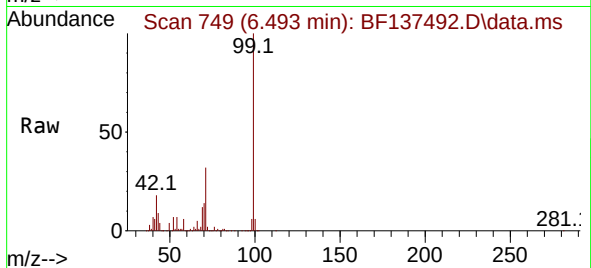
#7
Phenol-d6
Concen: 65.958 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

Instrument :

BNA_F

ClientSampleId :

TP-6

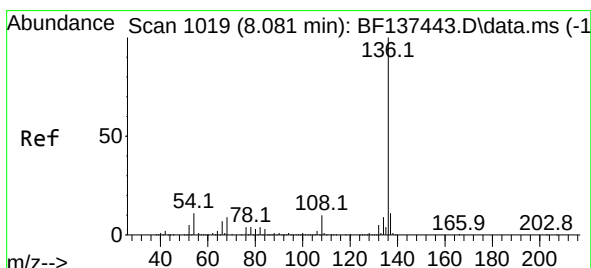
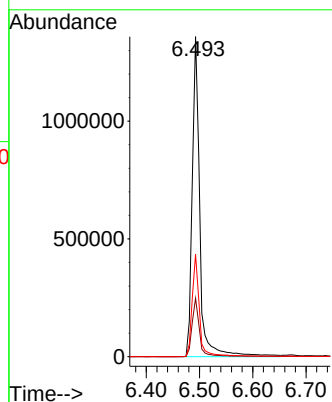
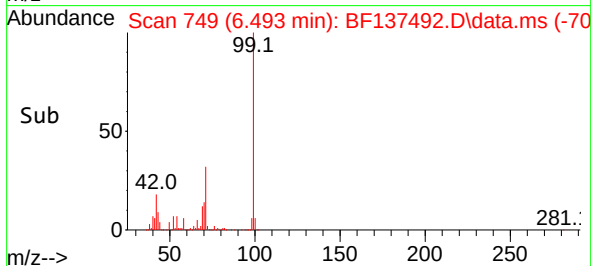


Tgt Ion: 99 Resp: 1352389
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 31.9 25.3 37.9

Manual Integrations

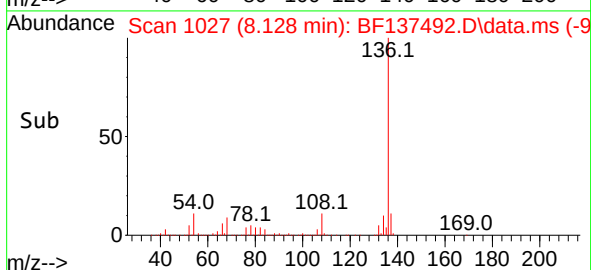
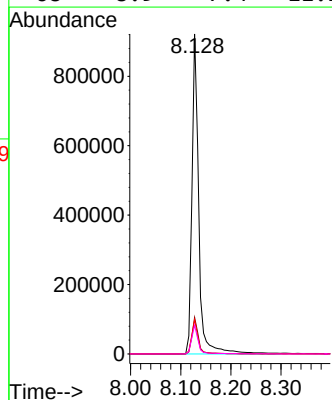
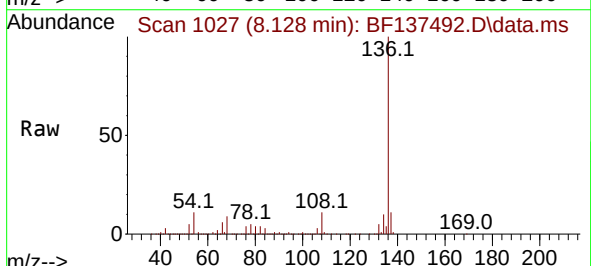
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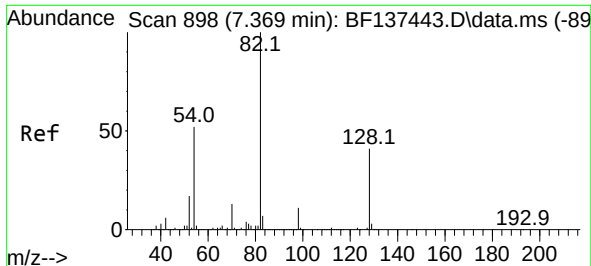
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

Tgt Ion:136 Resp: 866032
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.7 8.5 12.7
68 8.9 7.4 11.2





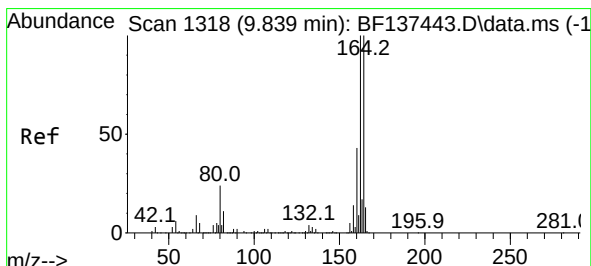
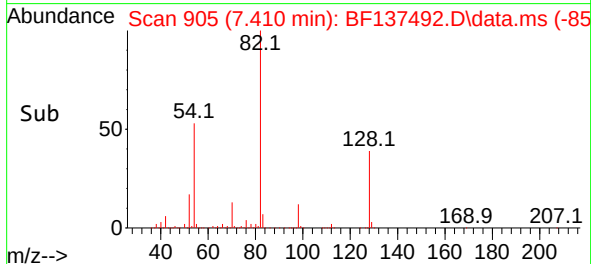
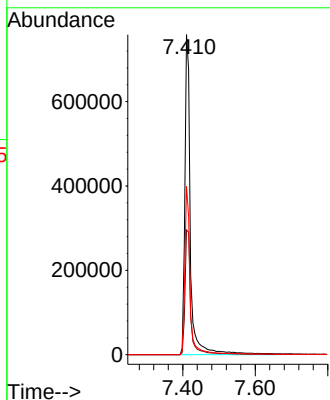
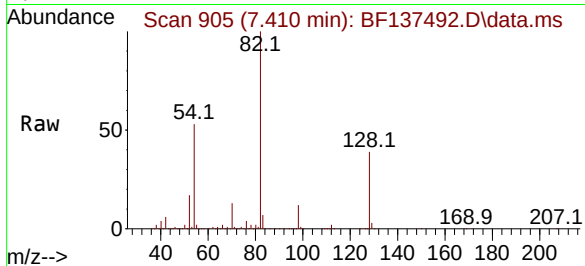
#23
Nitrobenzene-d5
Concen: 43.613 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 82 Resp: 81288
Ion Ratio Lower Upper
82 100
128 39.0 32.5 48.7
54 52.5 41.5 62.3

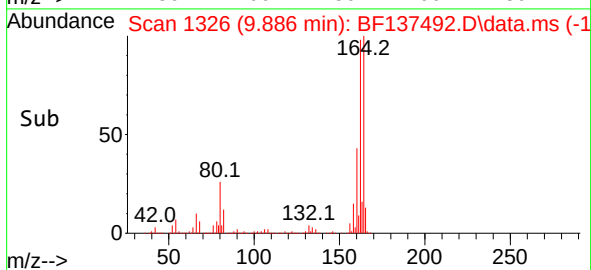
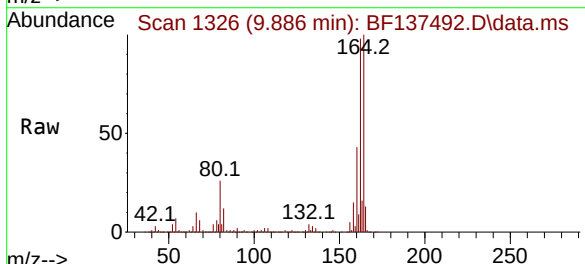
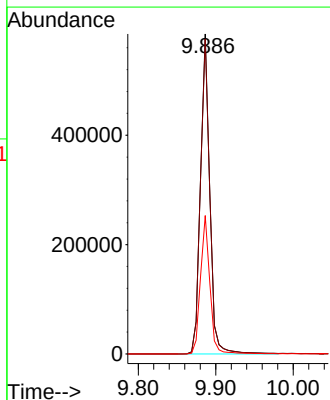
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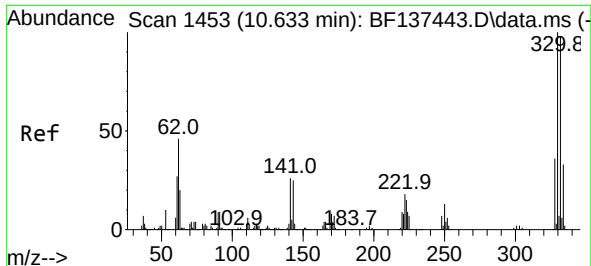
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

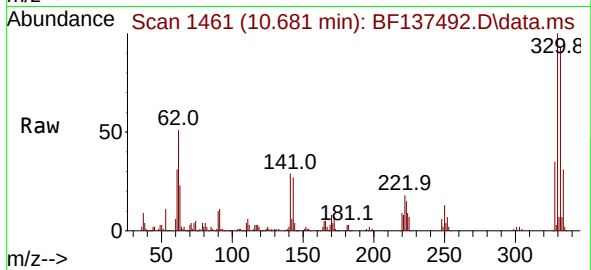
Tgt Ion:164 Resp: 487782
Ion Ratio Lower Upper
164 100
162 98.4 79.8 119.8
160 43.3 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 37.648 ng
RT: 10.681 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

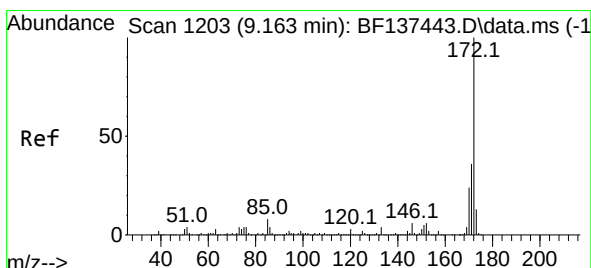
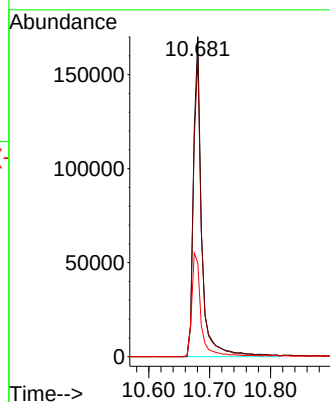
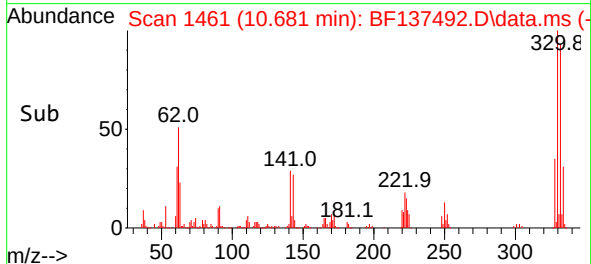
Instrument :
BNA_F
ClientSampleId :
TP-6



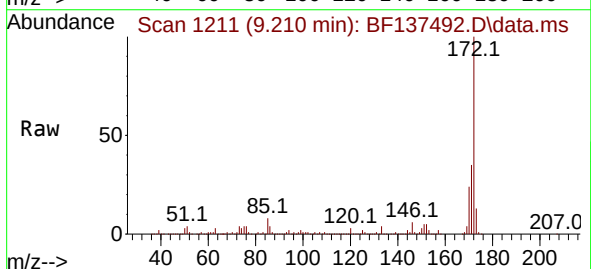
Tgt Ion:330 Resp: 161270
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 35.9 27.3 40.9

Manual Integrations
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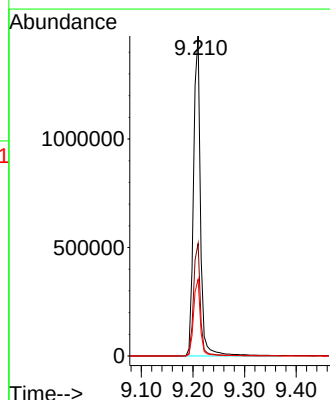
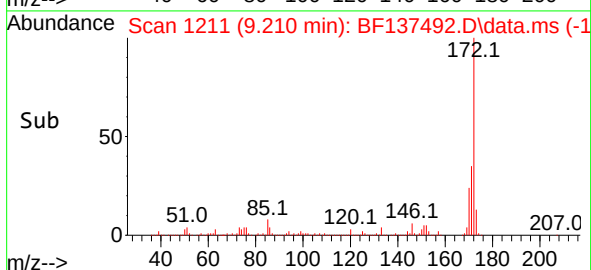
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

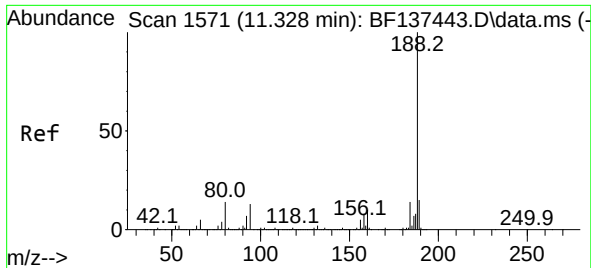


#45
2-Fluorobiphenyl
Concen: 44.378 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47



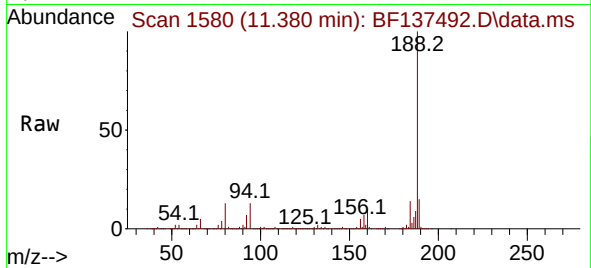
Tgt Ion:172 Resp: 1382877
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.0 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

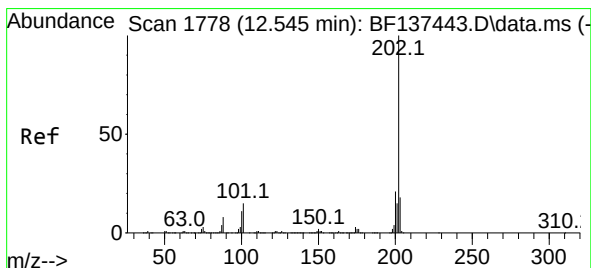
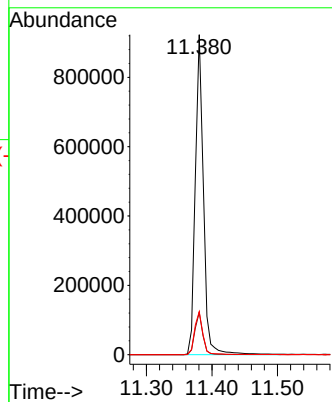
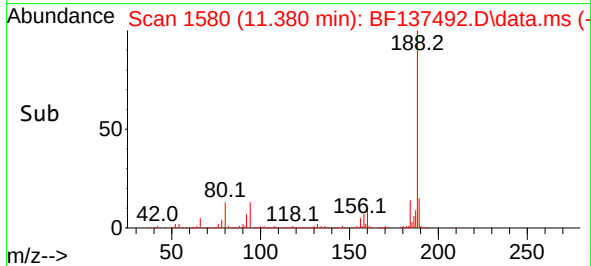
Instrument :
BNA_F
ClientSampleId :
TP-6



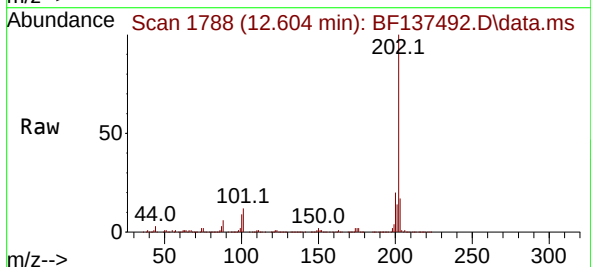
Tgt Ion:188 Resp: 800178
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 13.5 11.5 17.3

Manual Integrations
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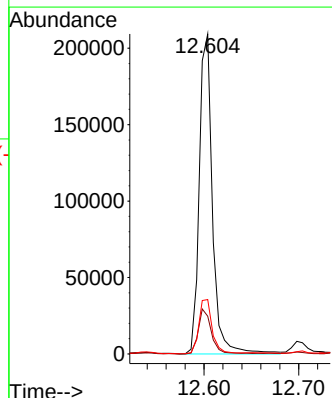
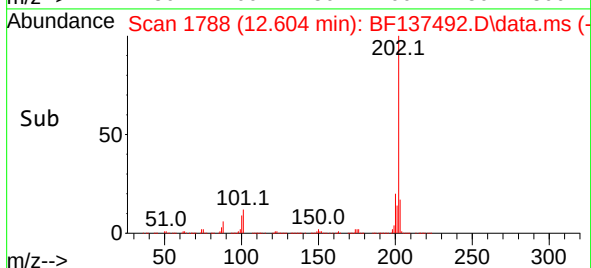
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

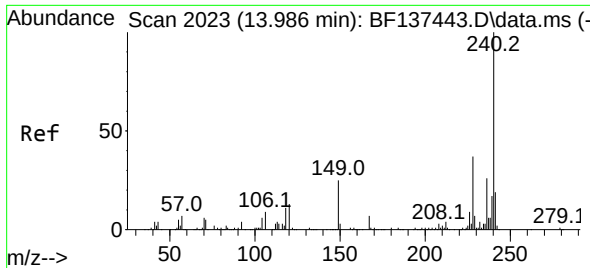


#75
Fluoranthene
Concen: 4.782 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47



Tgt Ion:202 Resp: 203572
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.0
203 17.0 0.0 37.7





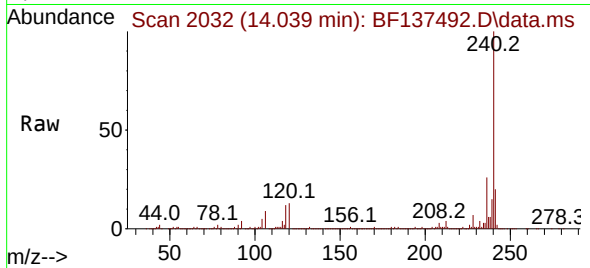
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

Instrument :

BNA_F

ClientSampleId :

TP-6



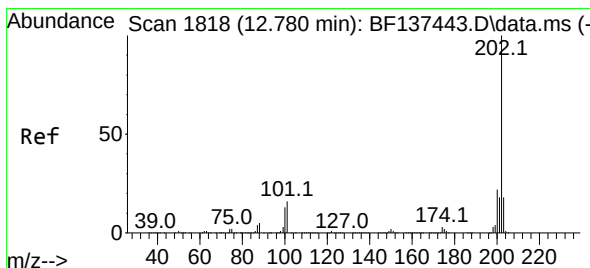
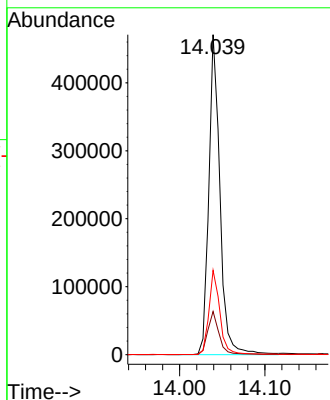
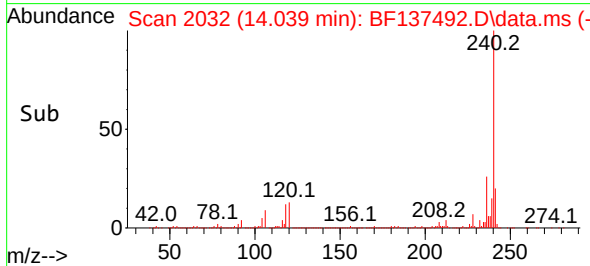
Tgt Ion:240 Resp: 427409
Ion Ratio Lower Upper
240 100
120 13.5 10.4 15.6
236 26.4 20.9 31.3

Manual Integrations

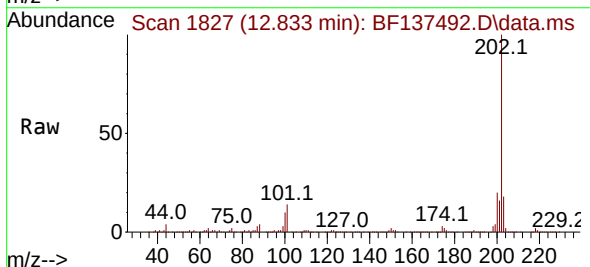
APPROVED

Reviewed By :Yogesh Patel 03/05/2024

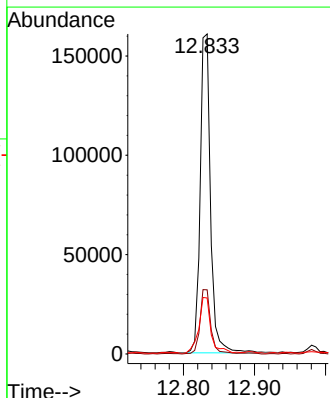
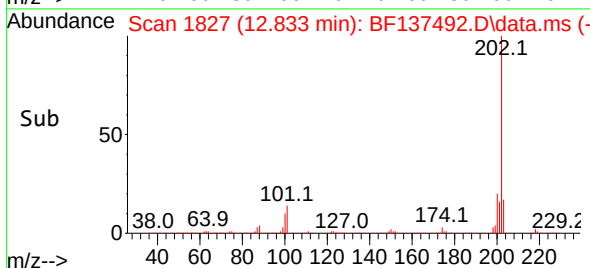
Supervised By :mohammad ahmed 03/05/2024

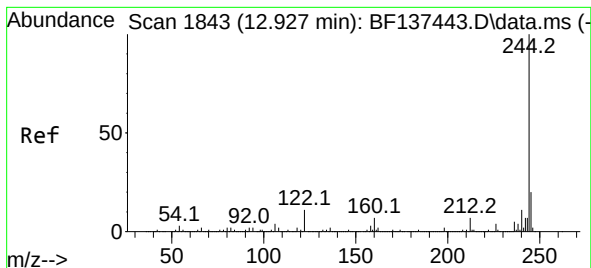


#78
Pyrene
Concen: 3.887 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47



Tgt Ion:202 Resp: 163028
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 39.382 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF137492.D

Acq: 04 Mar 2024 20:47

Instrument :

BNA_F

ClientSampleId :

TP-6

Tgt Ion:244 Resp: 1224068

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

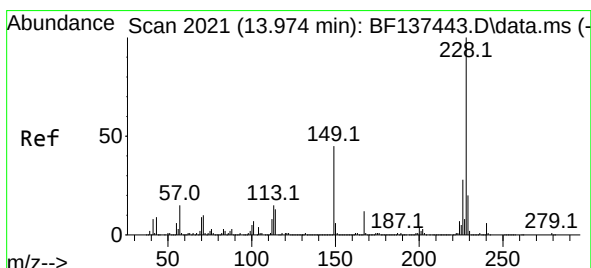
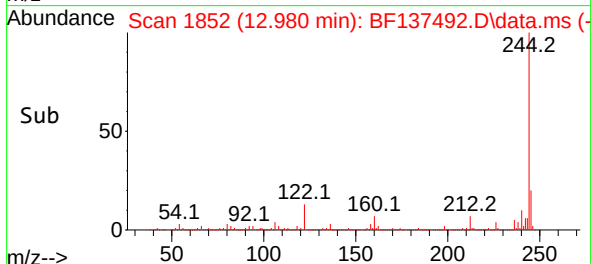
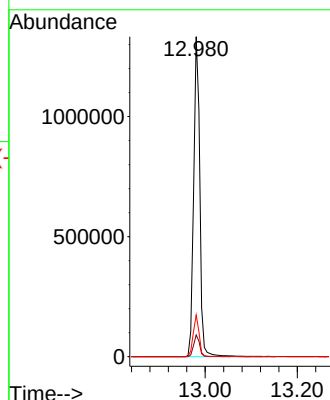
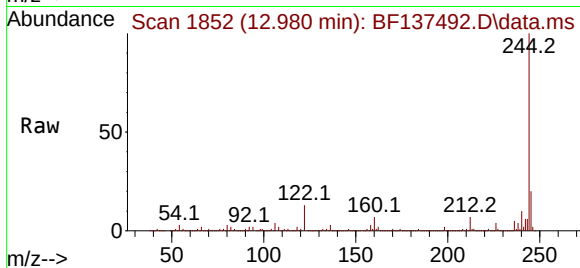
122 13.0 9.1 13.7

Manual Integrations

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Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#81

Benzo(a)anthracene

Concen: 2.224 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF137492.D

Acq: 04 Mar 2024 20:47

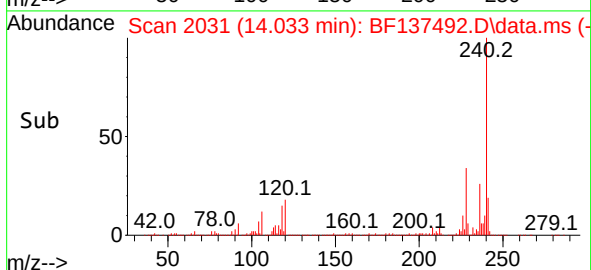
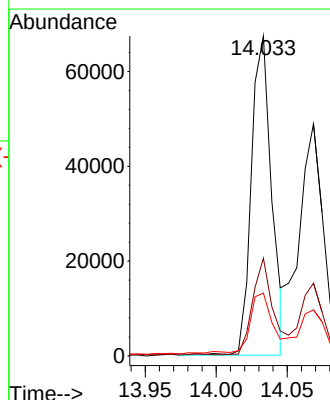
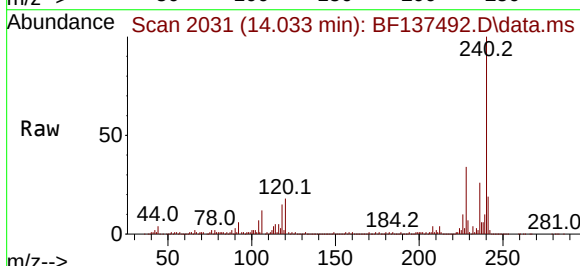
Tgt Ion:228 Resp: 66638

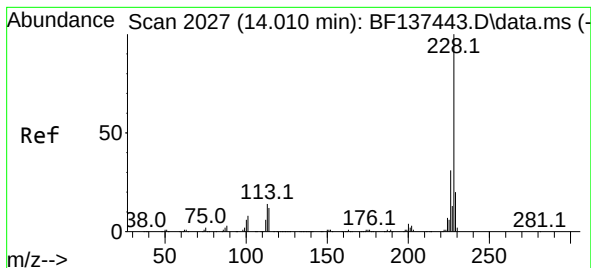
Ion Ratio Lower Upper

228 100

226 30.5 22.3 33.5

229 19.7 16.3 24.5





#83

Chrysene

Concen: 2.133 ng m

RT: 14.069 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF137492.D

Acq: 04 Mar 2024 20:47

Instrument :

BNA_F

ClientSampleId :

TP-6

Tgt Ion:228 Resp: 64594

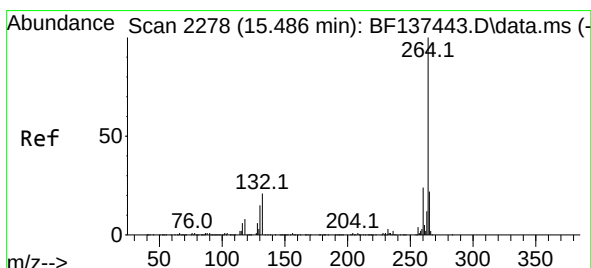
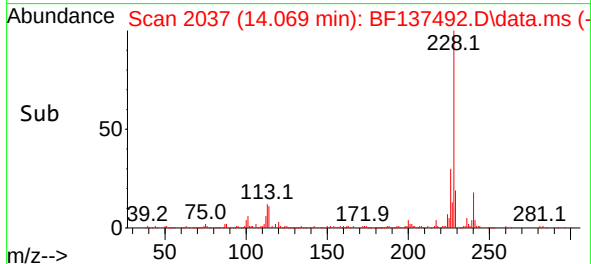
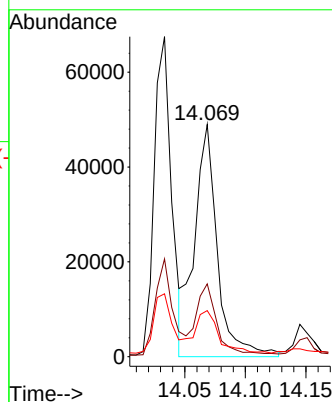
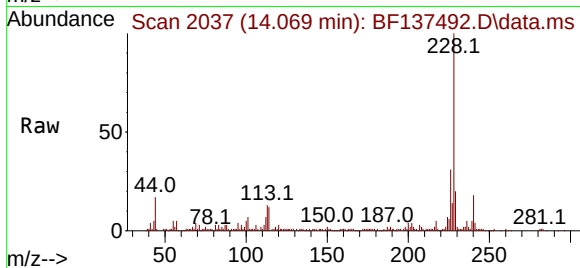
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	19.9	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

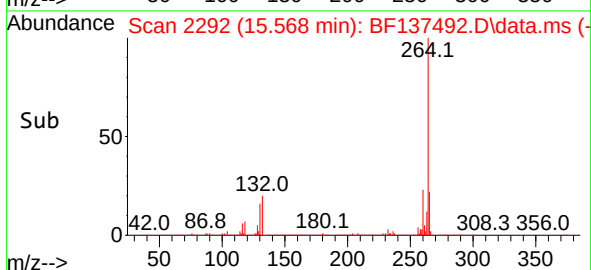
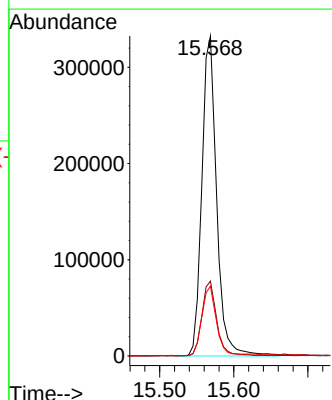
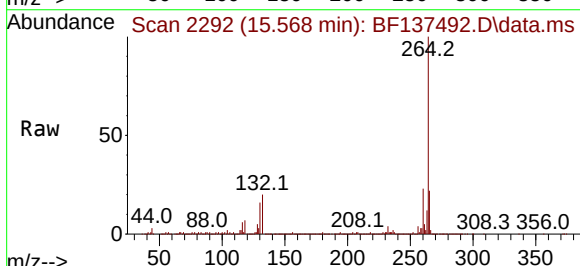
Delta R.T. 0.000 min

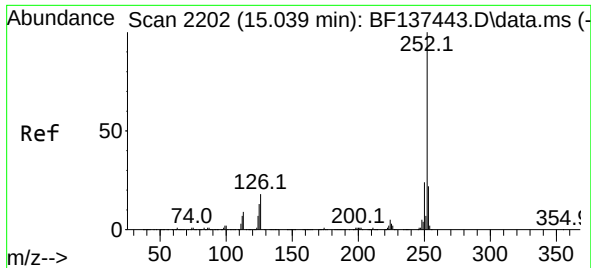
Lab File: BF137492.D

Acq: 04 Mar 2024 20:47

Tgt Ion:264 Resp: 461246

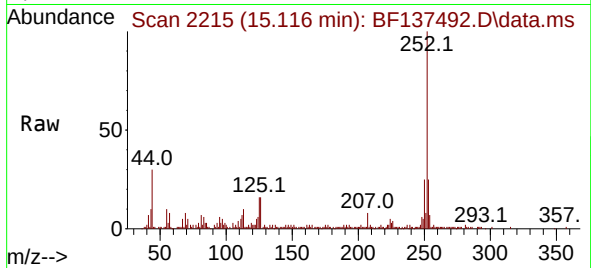
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.8	17.4	26.0





#88
Benzo(b)fluoranthene
Concen: 2.166 ng m
RT: 15.116 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137492.D
Acq: 04 Mar 2024 20:47

Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:252 Resp: 5910
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 16.0 10.1 15.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

