

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137019.D
 Acq On : 10 Jan 2024 14:43
 Operator : CG\JU
 Sample : P1085-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 15:27:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	52985	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	193442	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	90689	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	152422	20.000	ng	0.00
76) Chrysene-d12	13.969	240	108373	20.000	ng	0.00
86) Perylene-d12	15.463	264	133066	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	277676	81.769	ng	0.00
7) Phenol-d6	6.434	99	337924	76.797	ng	0.00
23) Nitrobenzene-d5	7.346	82	207257	54.826	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	80832	75.681	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	404546	59.997	ng	-0.01
79) Terphenyl-d14	12.904	244	328160	42.316	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	23690	3.029	ng	98
75) Fluoranthene	12.533	202	37552	4.489	ng	100
78) Pyrene	12.763	202	33611	3.159	ng	96
81) Benzo(a)anthracene	13.963	228	20477	2.721	ng	98
83) Chrysene	13.998	228	22519	3.060	ng	97
88) Benzo(b)fluoranthene	15.021	252	33404m	3.758	ng	
90) Benzo(a)pyrene	15.398	252	19731	2.630	ng	98

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

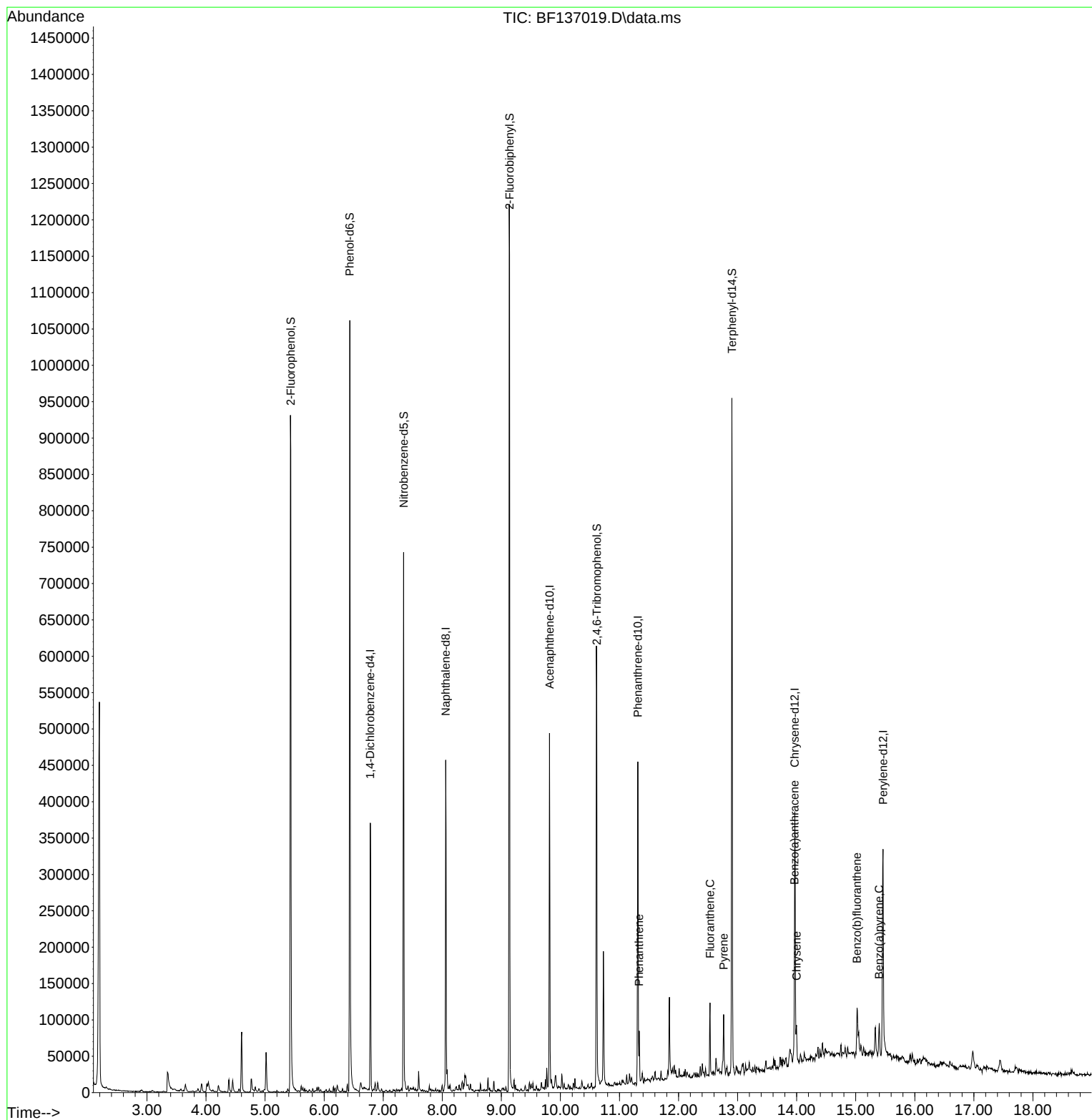
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137019.D
Acq On : 10 Jan 2024 14:43
Operator : CG\JU
Sample : P1085-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

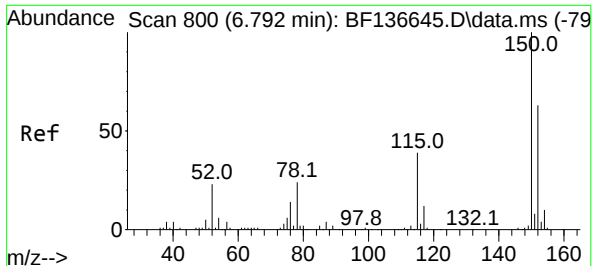
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Jan 10 15:27:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Manual Integrations
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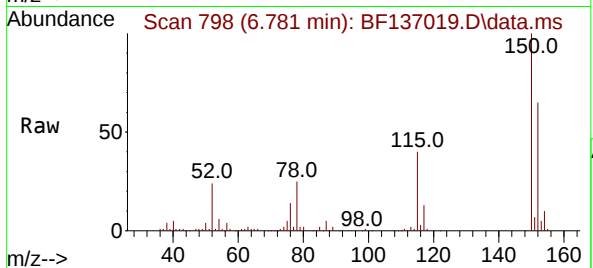
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

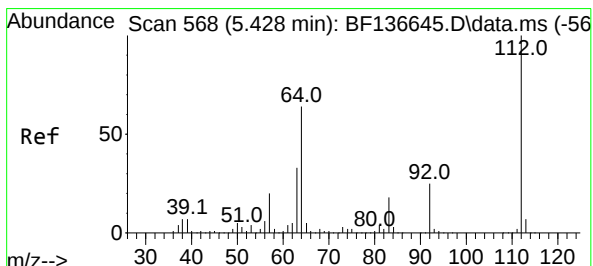
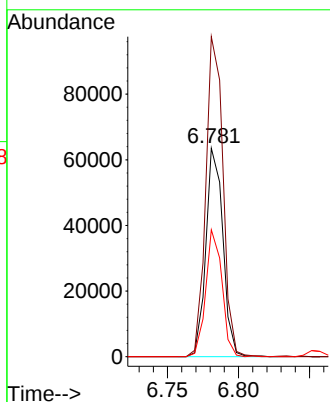
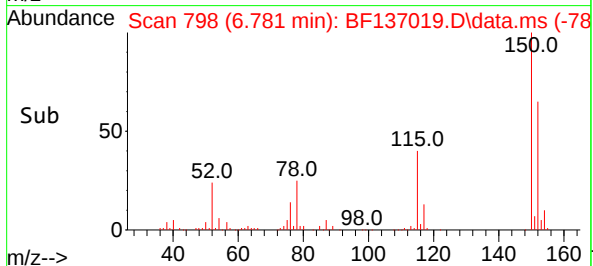
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion:152 Resp: 5298
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 60.9 49.0 73.4

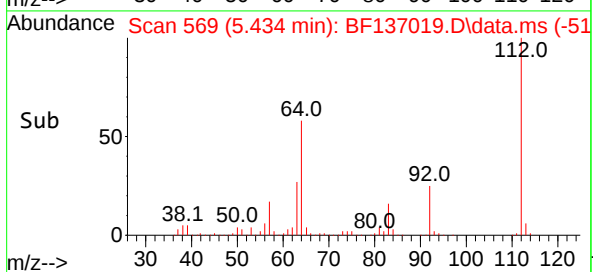
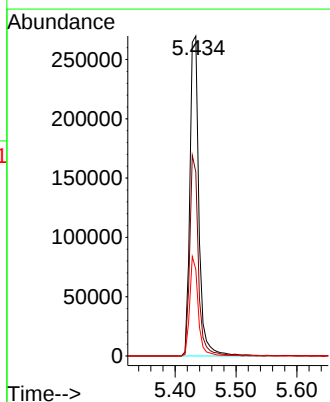
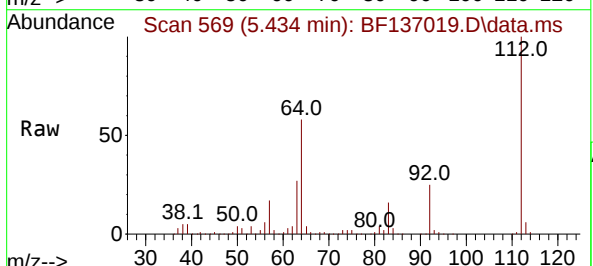
Manual Integrations
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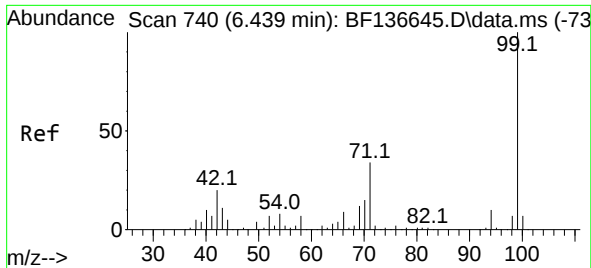
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#5
2-Fluorophenol
Concen: 81.769 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

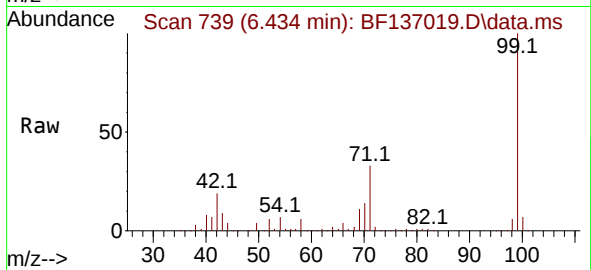
Tgt Ion:112 Resp: 277676
Ion Ratio Lower Upper
112 100
64 57.5 51.1 76.7
63 27.1 26.1 39.1





#7
Phenol-d6
Concen: 76.797 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

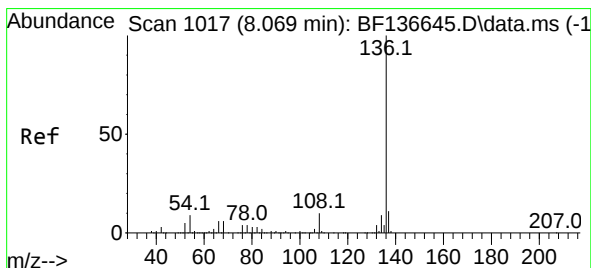
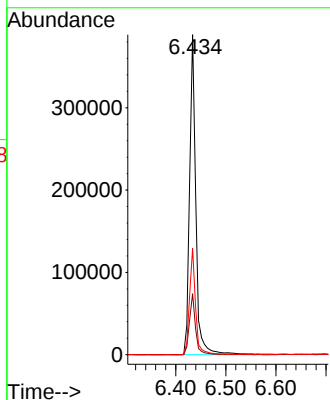
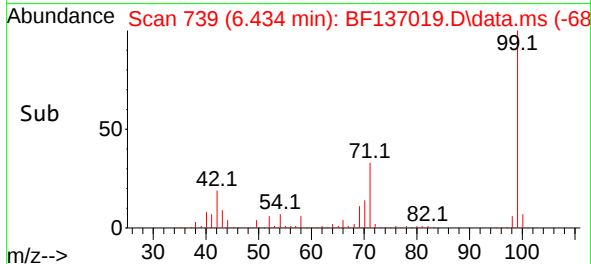
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion: 99 Resp: 337924
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 33.2 27.4 41.2

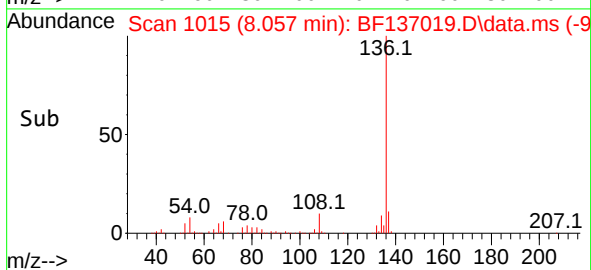
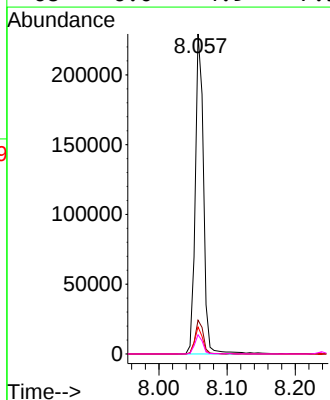
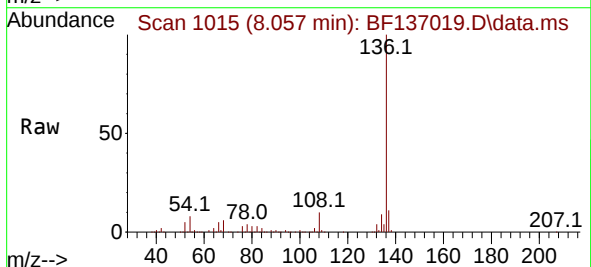
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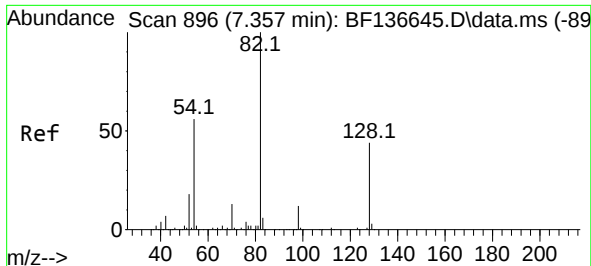
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

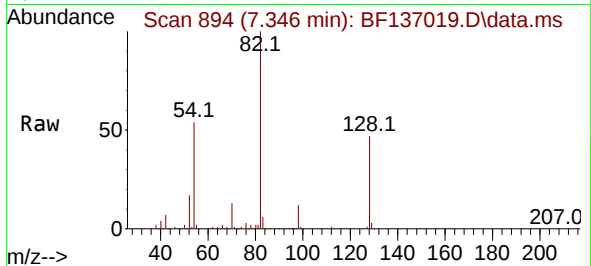
Tgt Ion:136 Resp: 193442
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.4 7.2 10.8
68 6.0 4.9 7.3





#23
Nitrobenzene-d5
Concen: 54.826 ng
RT: 7.346 min Scan# 896
Delta R.T. -0.011 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

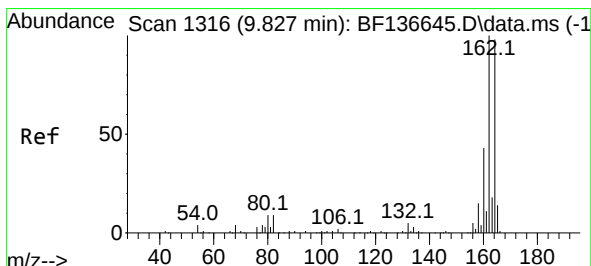
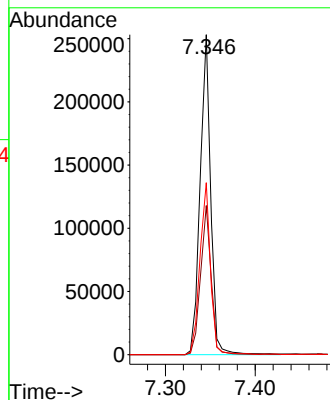
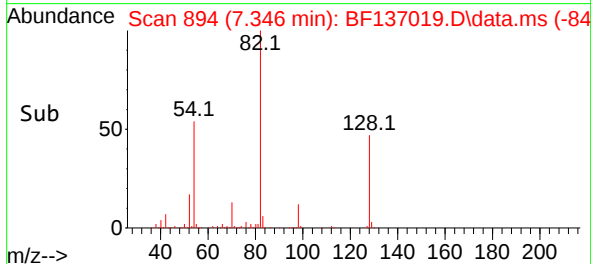
Instrument :
BNA_F
ClientSampleId :
TP-2



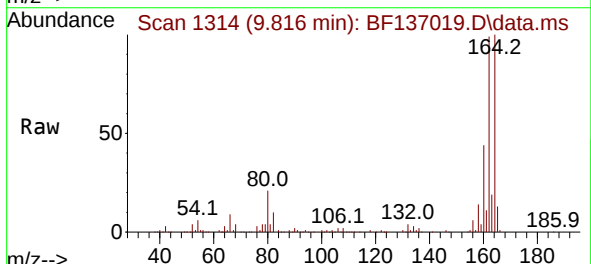
Tgt Ion: 82 Resp: 20725
Ion Ratio Lower Upper
82 100
128 46.6 35.3 52.9
54 53.8 44.5 66.7

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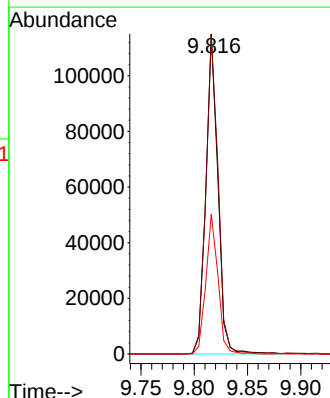
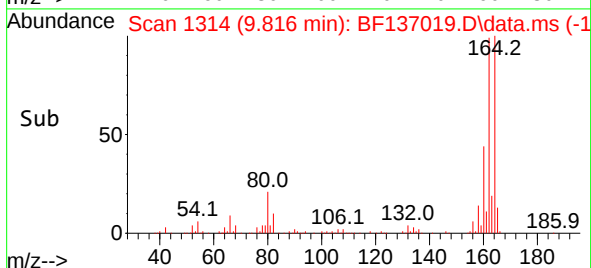
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

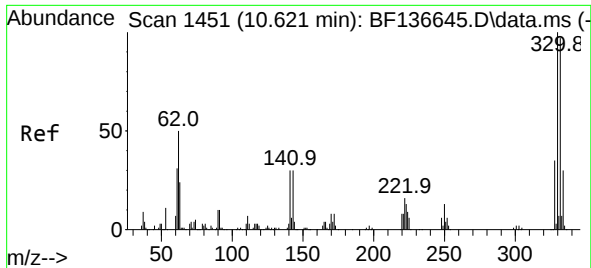


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43



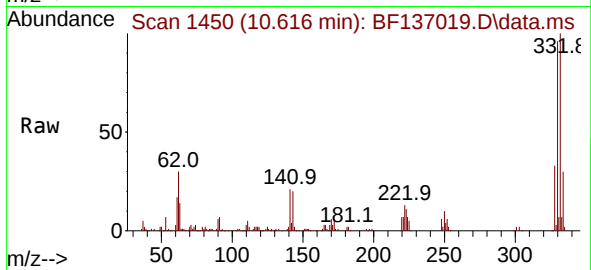
Tgt Ion:164 Resp: 90689
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 43.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 75.681 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

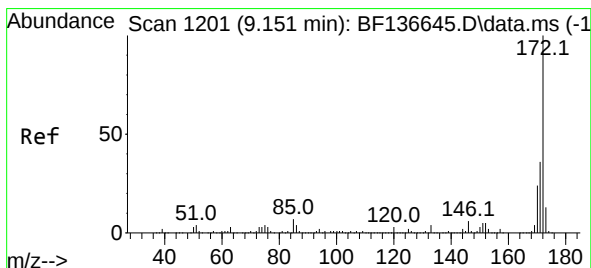
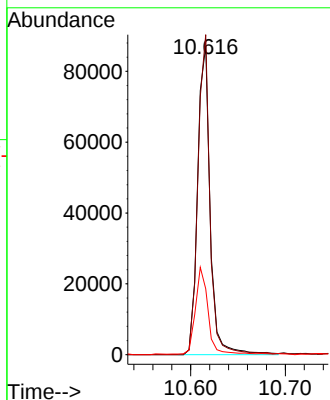
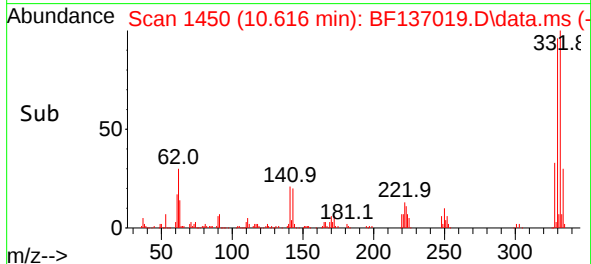
Instrument :
BNA_F
ClientSampleId :
TP-2



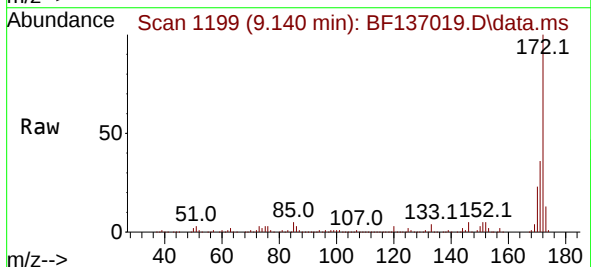
Tgt Ion: 330 Resp: 80832
Ion Ratio Lower Upper
330 100
332 99.2 77.4 116.0
141 29.4 23.4 35.2

Manual Integrations
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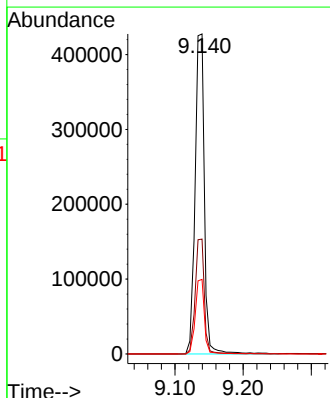
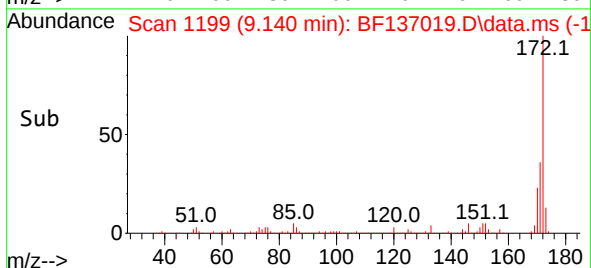
Reviewed By : Yogesh Patel 01/11/2024
Supervised By : mohammad ahmed 01/12/2024

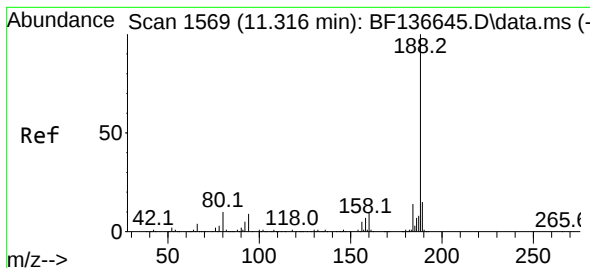


#45
2-Fluorobiphenyl
Concen: 59.997 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43



Tgt Ion: 172 Resp: 404546
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137019.D

Acq: 10 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion:188 Resp: 15242

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

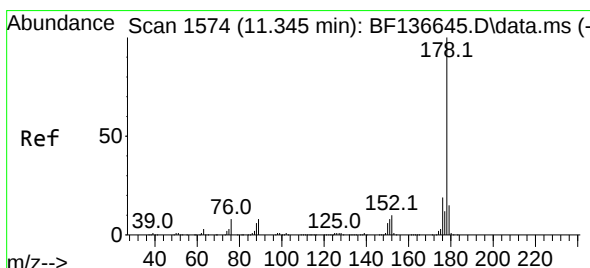
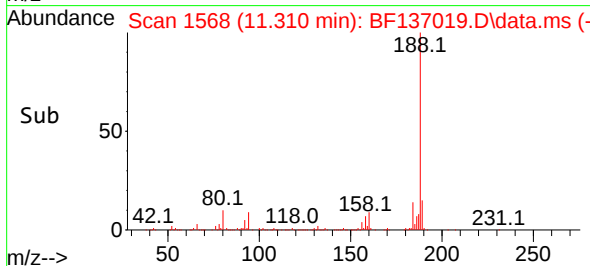
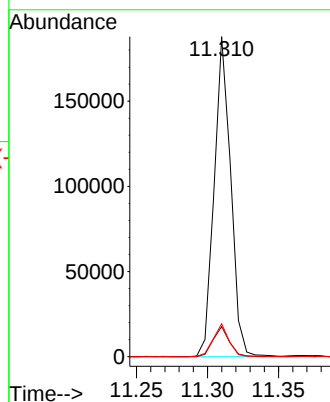
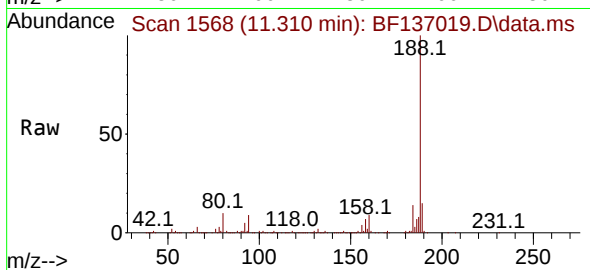
80 10.3 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#71

Phenanthrene

Concen: 3.029 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.011 min

Lab File: BF137019.D

Acq: 10 Jan 2024 14:43

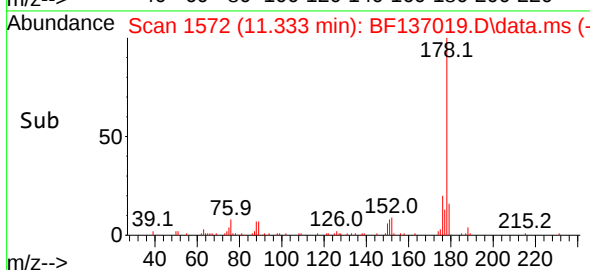
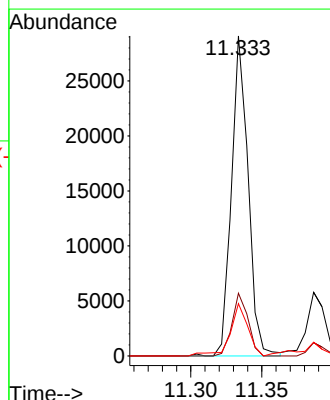
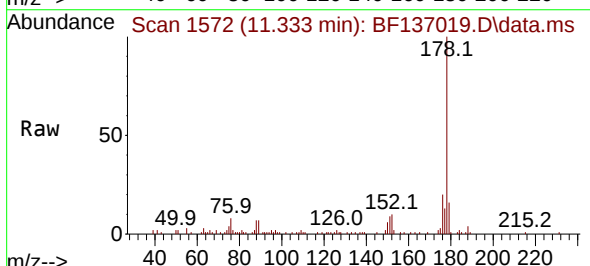
Tgt Ion:178 Resp: 23690

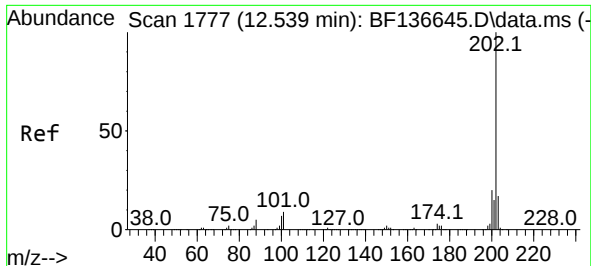
Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

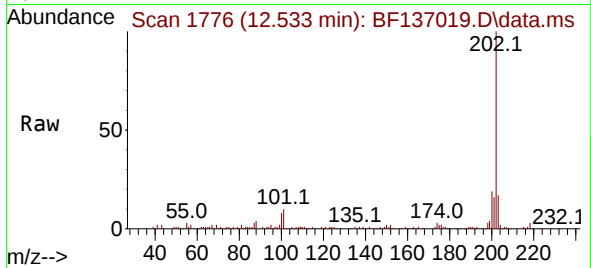
179 16.4 11.9 17.9





#75
Fluoranthene
Concen: 4.489 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

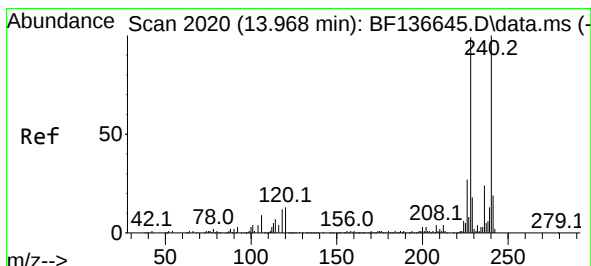
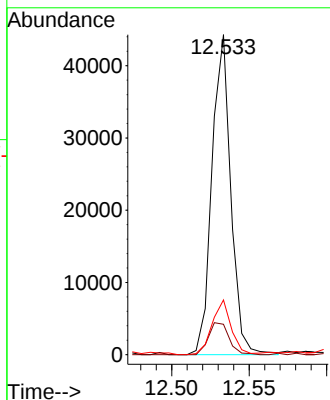
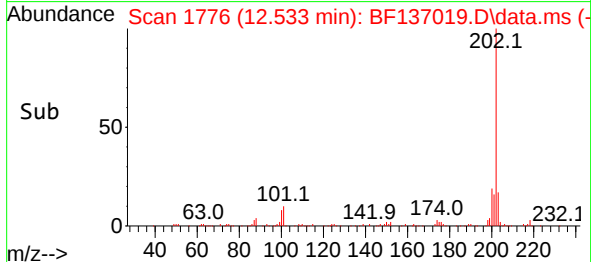
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion:202 Resp: 37552
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.1 0.0 37.1

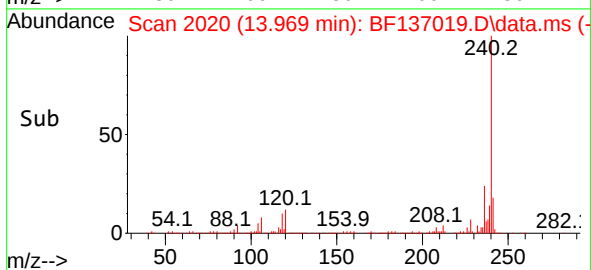
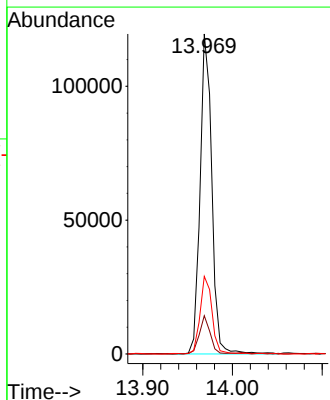
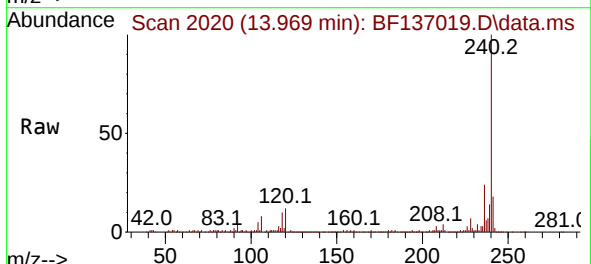
Manual Integrations
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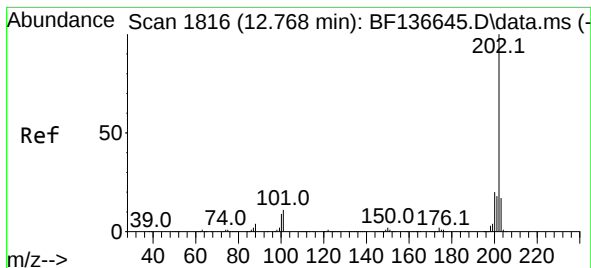
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

Tgt Ion:240 Resp: 108373
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 24.3 19.4 29.2





#78

Pyrene

Concen: 3.159 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137019.D

Acq: 10 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion:202 Resp: 3361

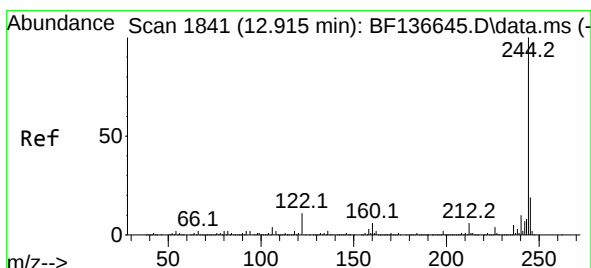
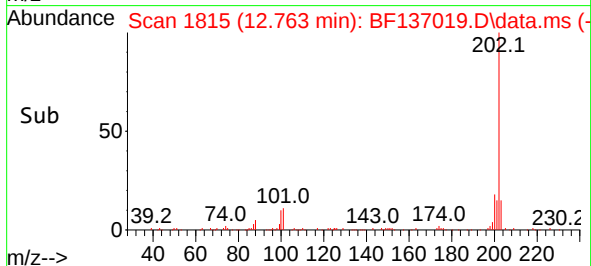
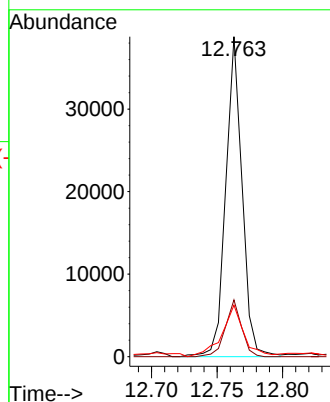
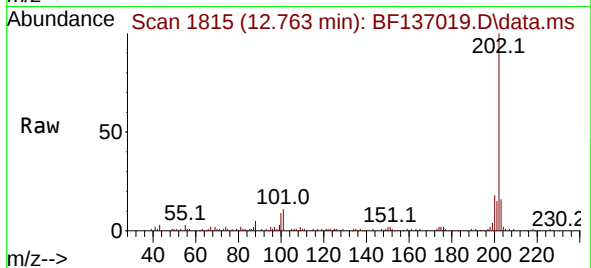
Ion	Ratio	Lower	Upper
202	100		
200	17.8	15.9	23.9
203	16.1	13.8	20.6

Manual Integrations

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#79

Terphenyl-d14

Concen: 42.316 ng

RT: 12.904 min Scan# 1839

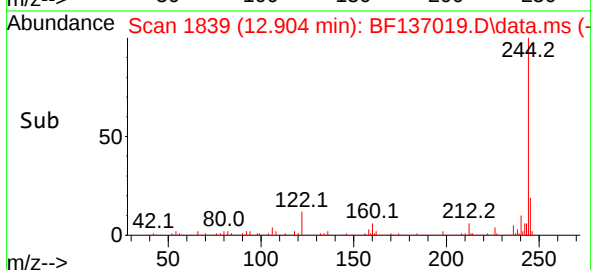
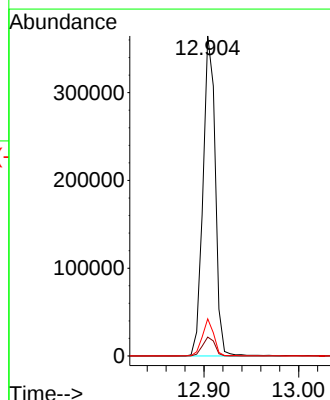
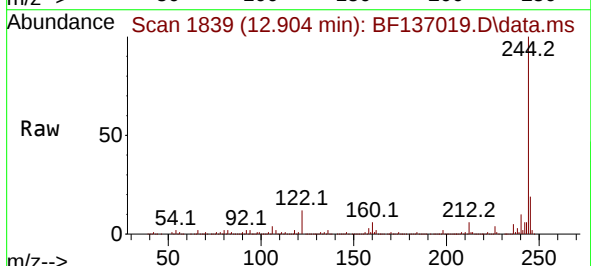
Delta R.T. -0.011 min

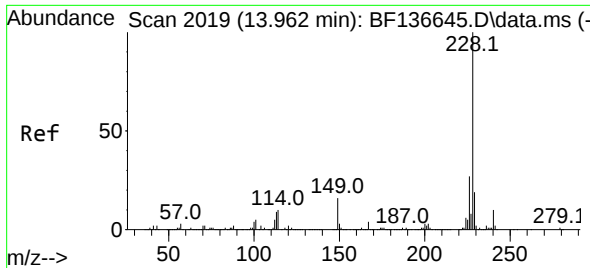
Lab File: BF137019.D

Acq: 10 Jan 2024 14:43

Tgt Ion:244 Resp: 328160

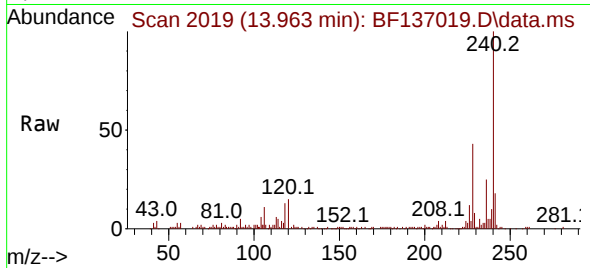
Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.0	7.4
122	11.6	9.0	13.4





#81
Benzo(a)anthracene
Concen: 2.721 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43

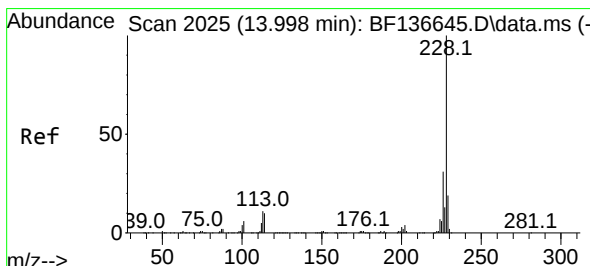
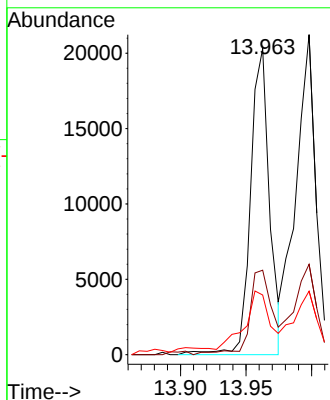
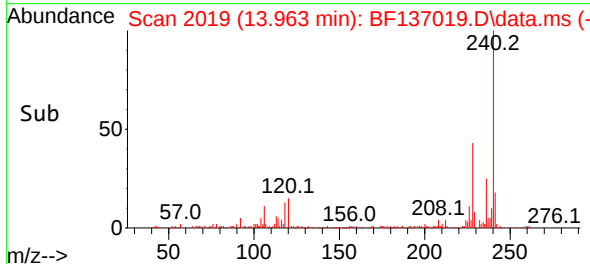
Instrument :
BNA_F
ClientSampleId :
TP-2



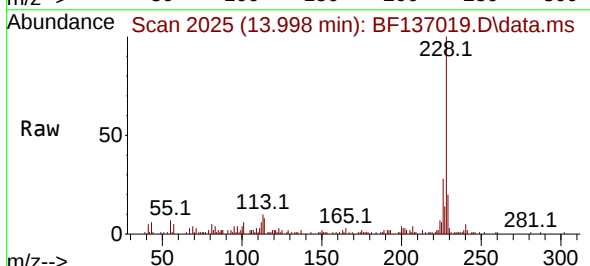
Tgt Ion:228 Resp: 2047
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.5 14.9 22.3

Manual Integrations
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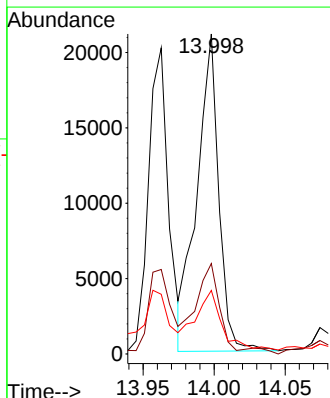
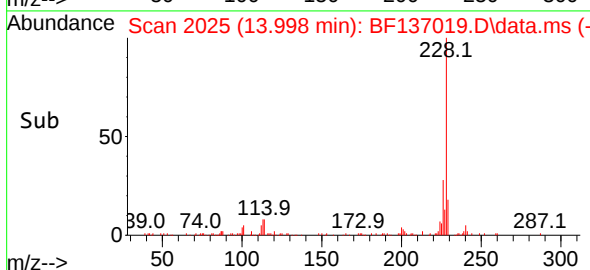
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

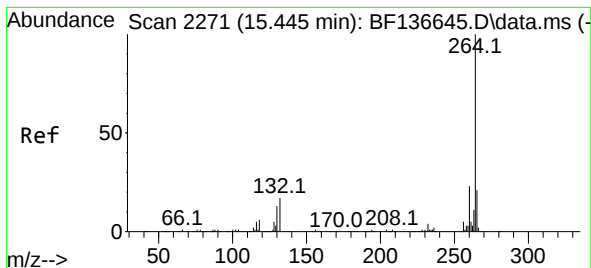


#83
Chrysene
Concen: 3.060 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF137019.D
Acq: 10 Jan 2024 14:43



Tgt Ion:228 Resp: 22519
Ion Ratio Lower Upper
228 100
226 28.3 24.7 37.1
229 19.8 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF137019.D

Acq: 10 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

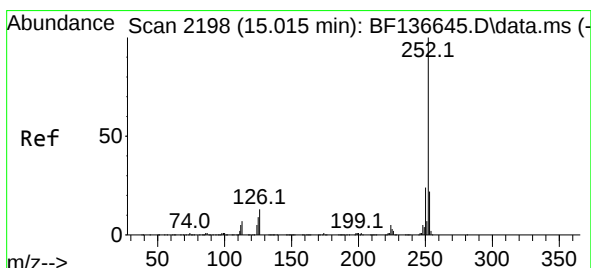
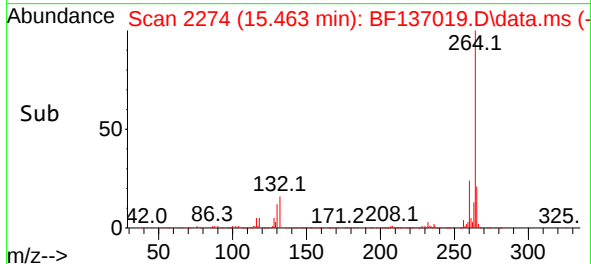
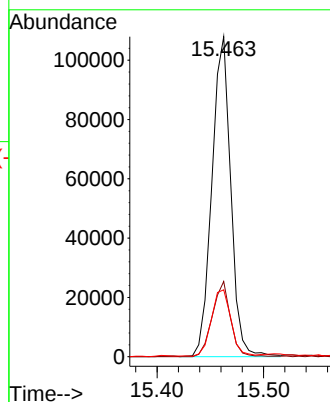
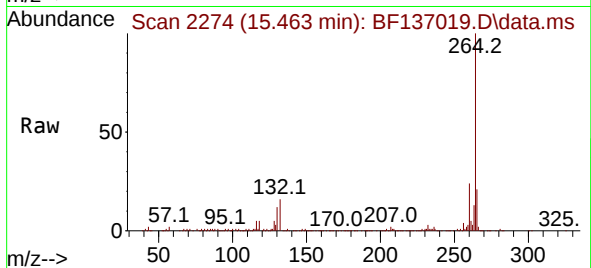
TP-2

Tgt Ion:264 Resp: 133060
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 20.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024



#88

Benzo(b)fluoranthene

Concen: 3.758 ng m

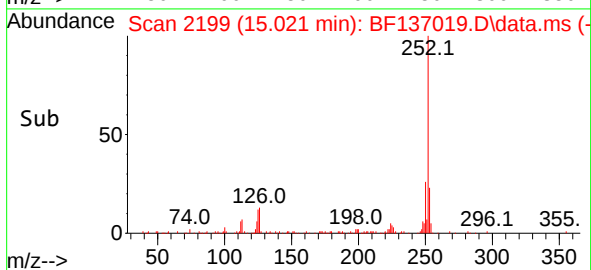
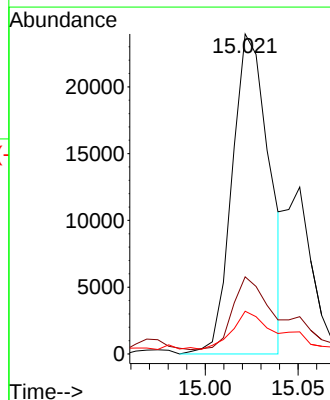
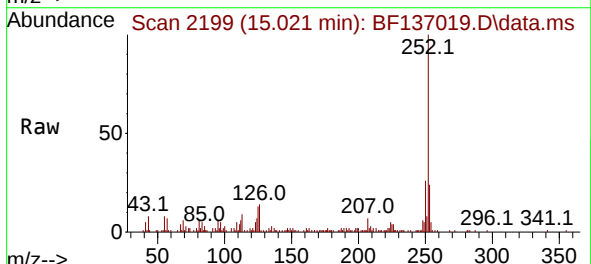
RT: 15.021 min Scan# 2199

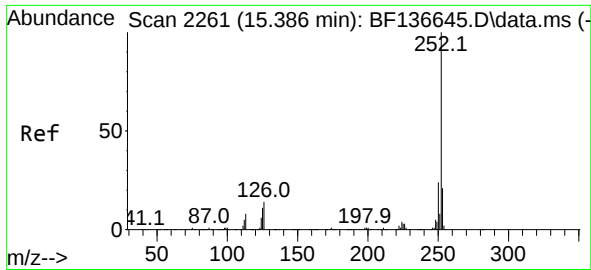
Delta R.T. 0.006 min

Lab File: BF137019.D

Acq: 10 Jan 2024 14:43

Tgt Ion:252 Resp: 33404
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.4 26.0
 125 13.4 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 2.630 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137019.D

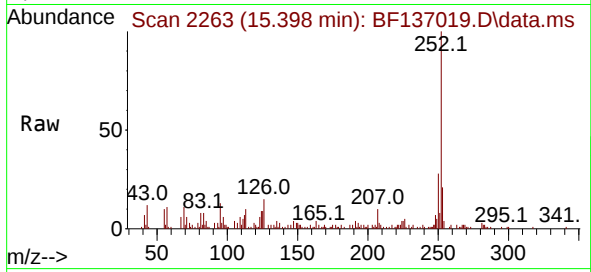
Acq: 10 Jan 2024 14:43

Instrument :

BNA_F

ClientSampleId :

TP-2



Tgt Ion:252 Resp: 1973

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 9.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024

