

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136960.D
 Acq On : 05 Jan 2024 01:28
 Operator : CG\JU
 Sample : P1004-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 03:54:35 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	45590	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	164142	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	76418	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	137669	20.000	ng	0.00
76) Chrysene-d12	13.969	240	116771	20.000	ng	0.00
86) Perylene-d12	15.457	264	95138	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	167862	57.450	ng	0.00
7) Phenol-d6	6.428	99	203334	53.706	ng	-0.01
23) Nitrobenzene-d5	7.340	82	119591	37.282	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	47194	52.438	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	243864	42.921	ng	-0.02
79) Terphenyl-d14	12.904	244	264612	31.668	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.527	202	47896	6.339	ng	97
78) Pyrene	12.757	202	42061	3.669	ng	100
81) Benzo(a)anthracene	13.957	228	26351	3.250	ng	93
83) Chrysene	13.992	228	27910	3.520	ng	96
88) Benzo(b)fluoranthene	15.021	252	29008m	4.565	ng	
90) Benzo(a)pyrene	15.392	252	14570	2.716	ng	# 77

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

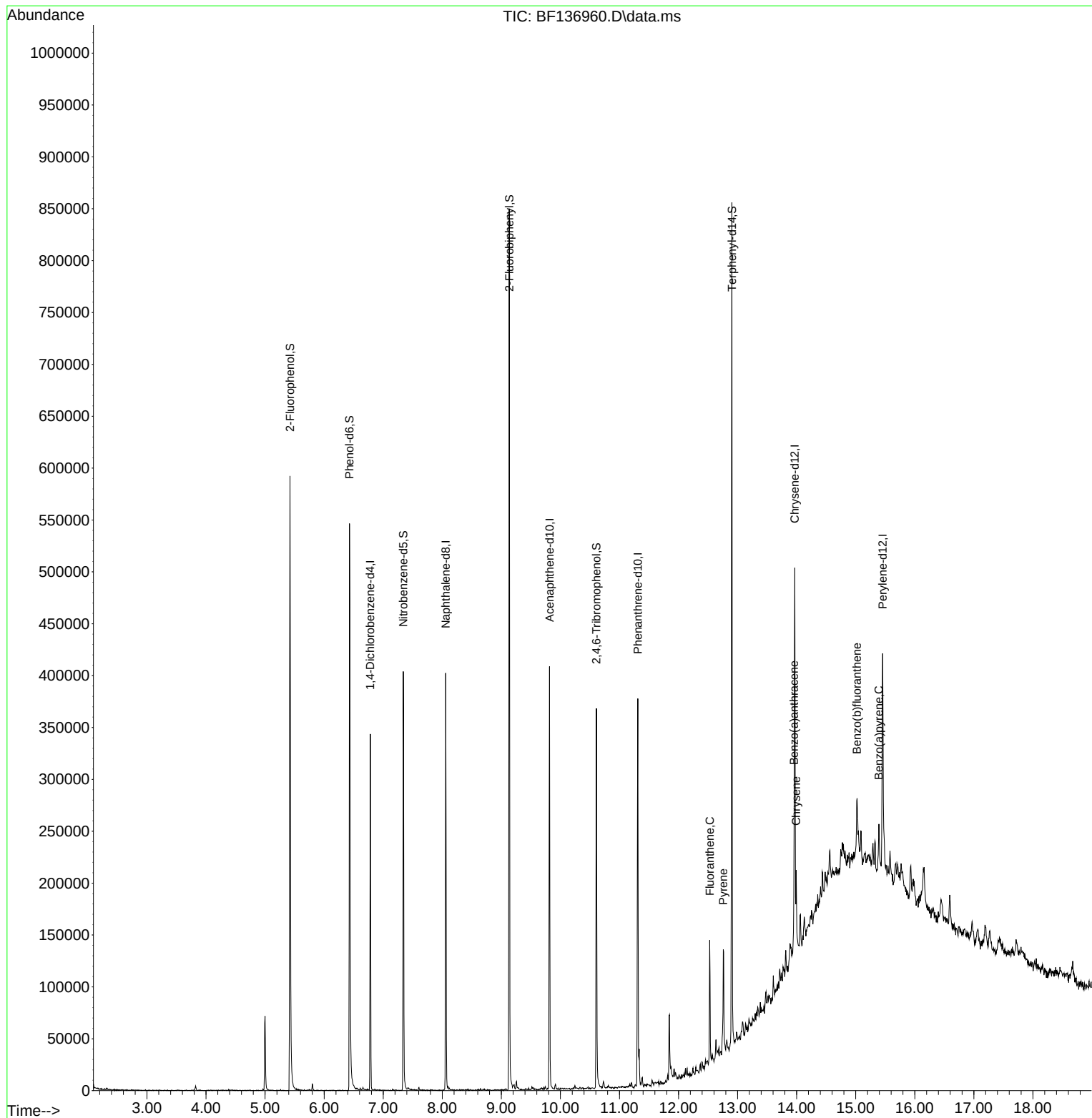
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136960.D
Acq On : 05 Jan 2024 01:28
Operator : CG\JU
Sample : P1004-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

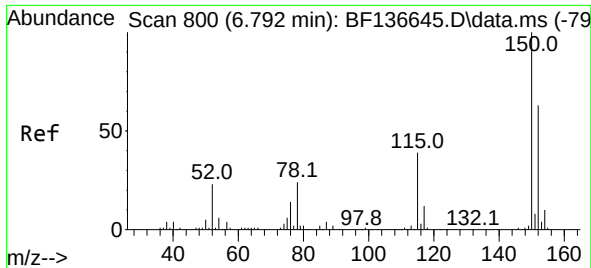
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024

Quant Time: Jan 05 03:54:35 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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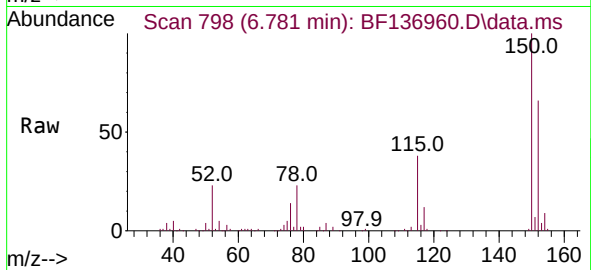
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

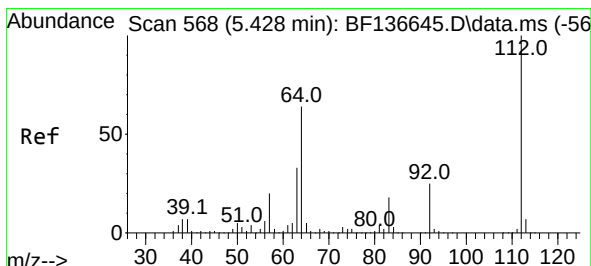
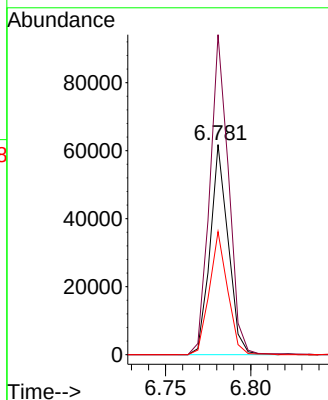
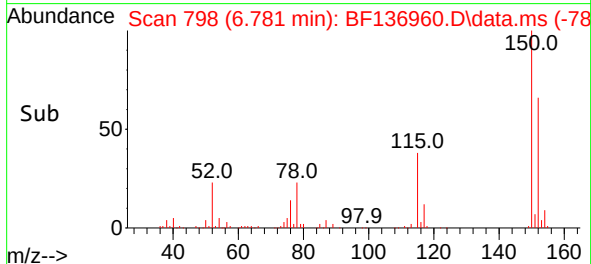
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



Tgt Ion:152 Resp: 45590
Ion Ratio Lower Upper
152 100
150 152.4 127.0 190.6
115 58.6 49.0 73.4

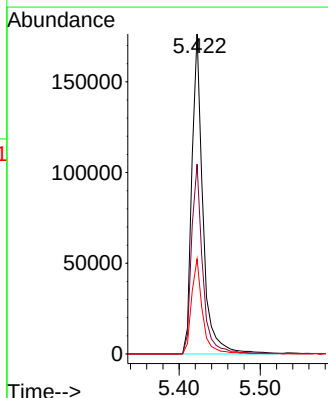
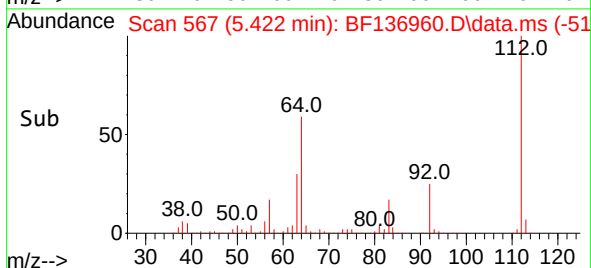
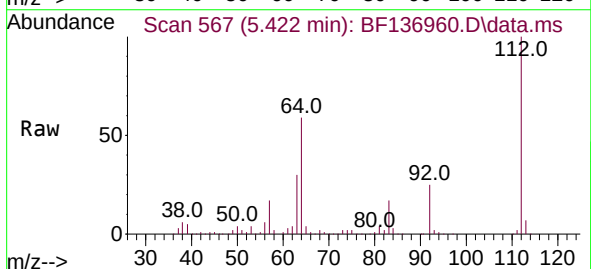
Manual Integrations
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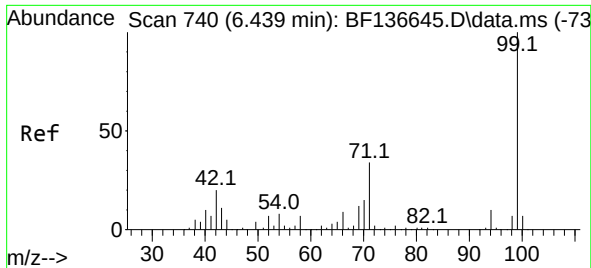
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#5
2-Fluorophenol
Concen: 57.450 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

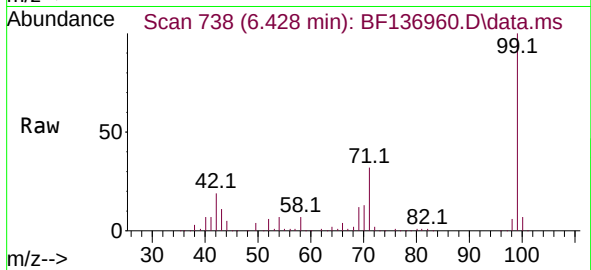
Tgt Ion:112 Resp: 167862
Ion Ratio Lower Upper
112 100
64 59.3 51.1 76.7
63 29.7 26.1 39.1





#7
Phenol-d6
Concen: 53.706 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

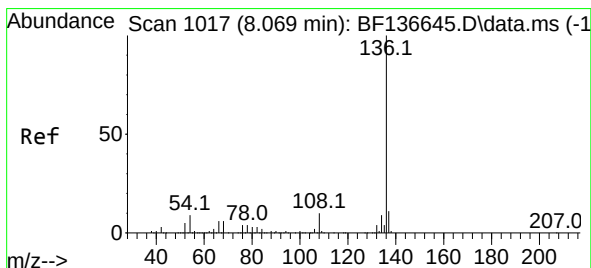
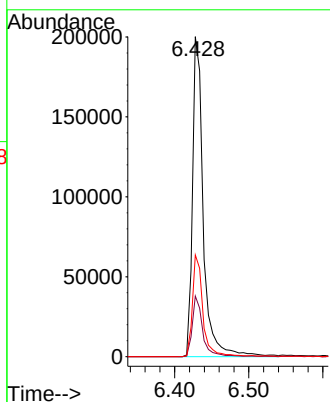
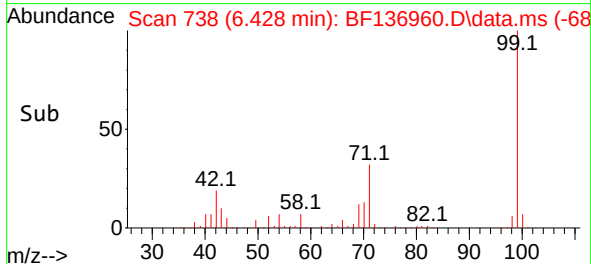
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



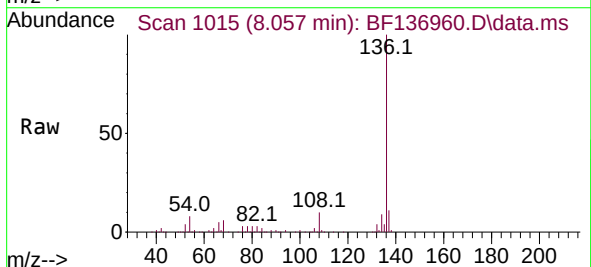
Tgt Ion: 99 Resp: 203334
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 31.8 27.4 41.2

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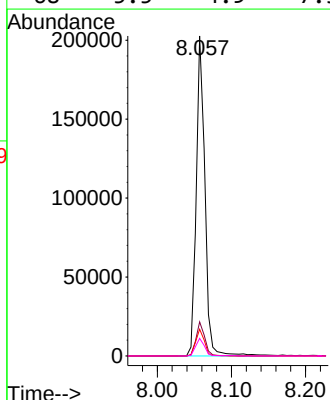
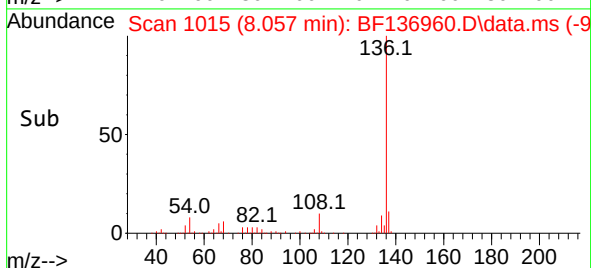
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

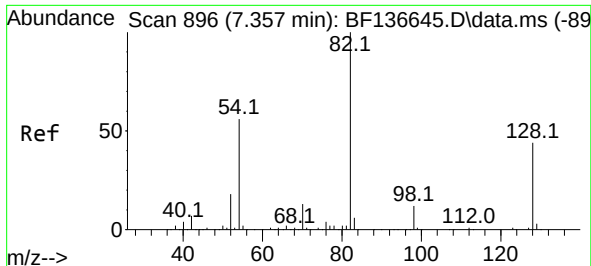


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28



Tgt Ion:136 Resp: 164142
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.3 7.2 10.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 37.282 ng

RT: 7.340 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024

Tgt Ion: 82 Resp: 11959

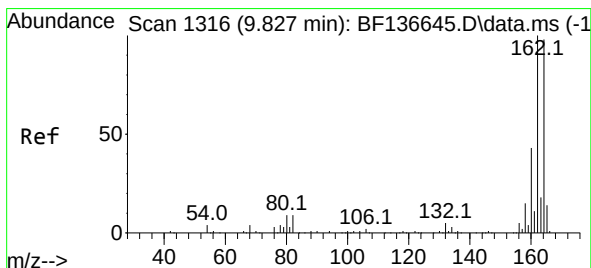
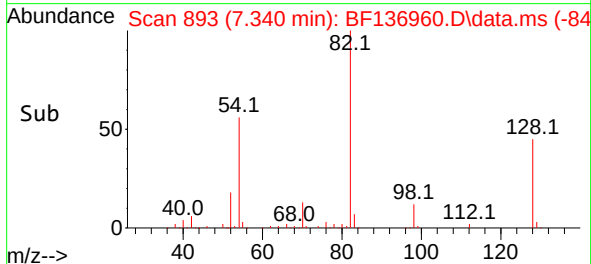
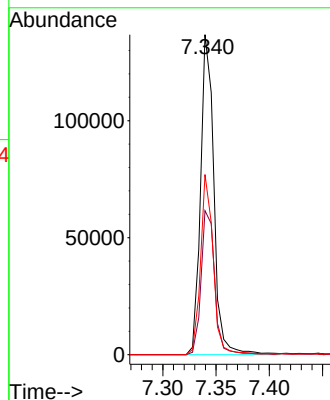
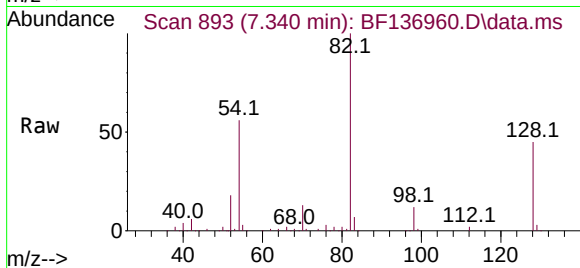
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.3	52.9
54	56.3	44.5	66.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

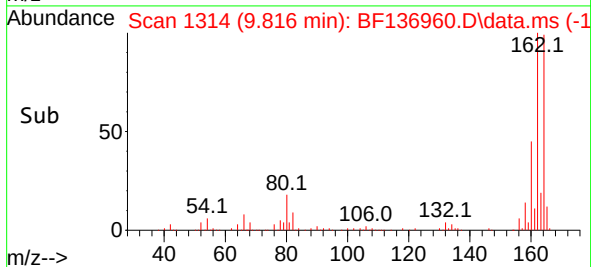
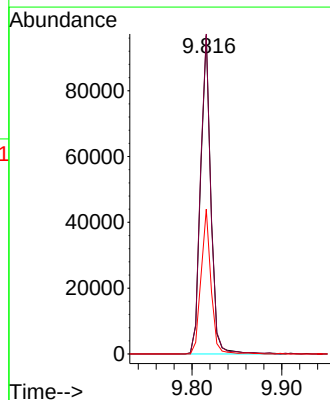
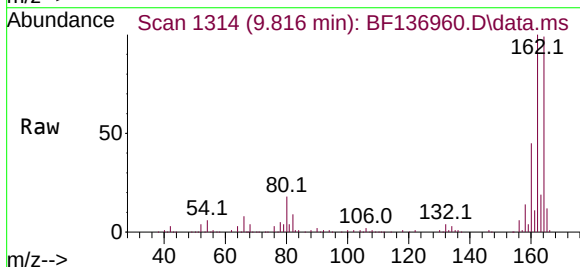
Delta R.T. -0.012 min

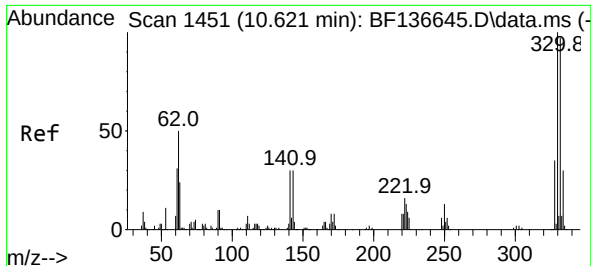
Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Tgt Ion:164 Resp: 76418

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.6	122.4
160	45.5	34.9	52.3





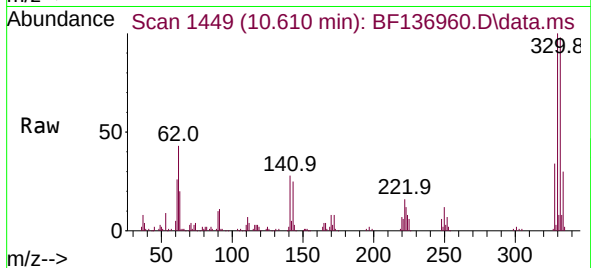
#42
2,4,6-Tribromophenol
Concen: 52.438 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024



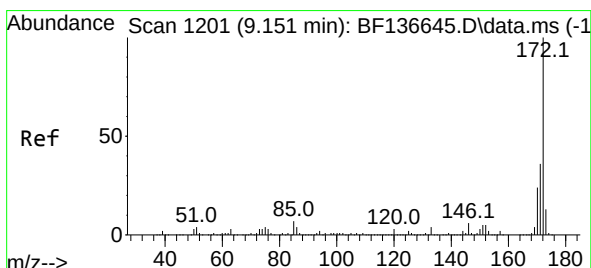
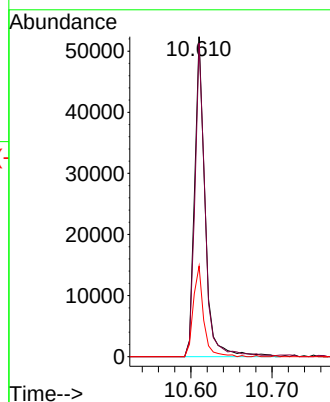
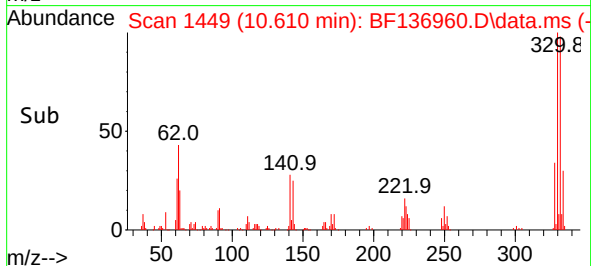
Tgt Ion:330 Resp: 47194
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.9 23.4 35.2

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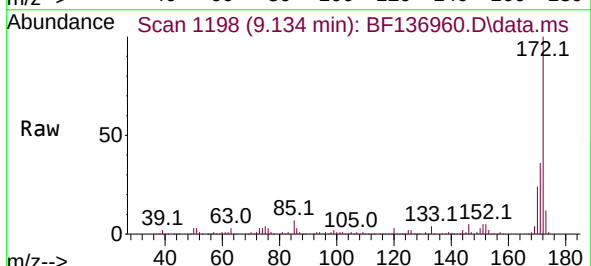
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

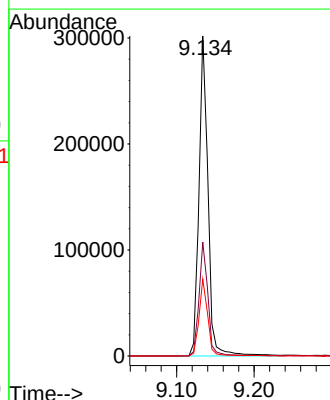
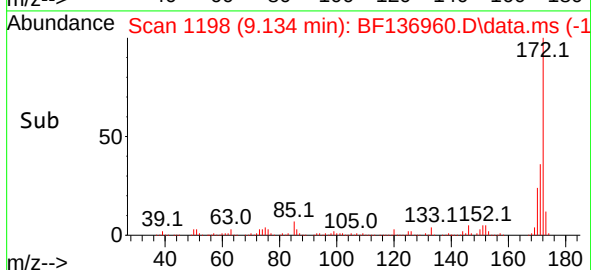
Supervised By :mohammad ahmed 01/05/2024

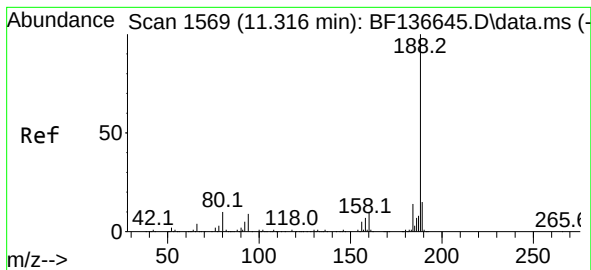


#45
2-Fluorobiphenyl
Concen: 42.921 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28



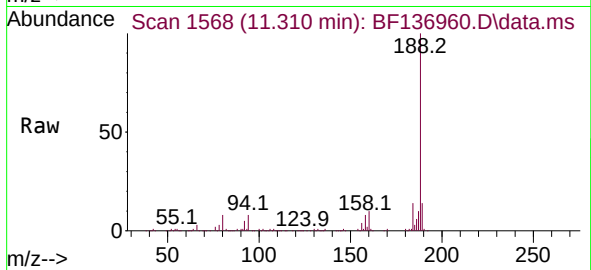
Tgt Ion:172 Resp: 243864
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.0 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

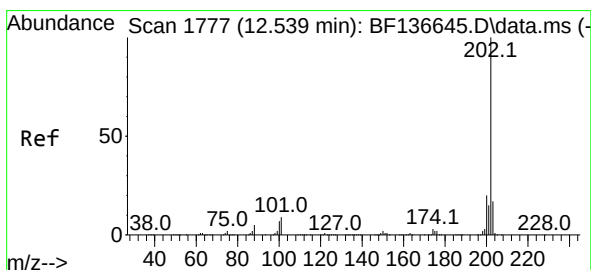
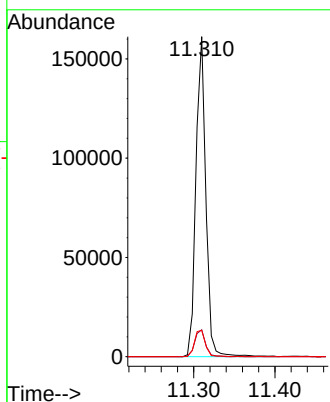
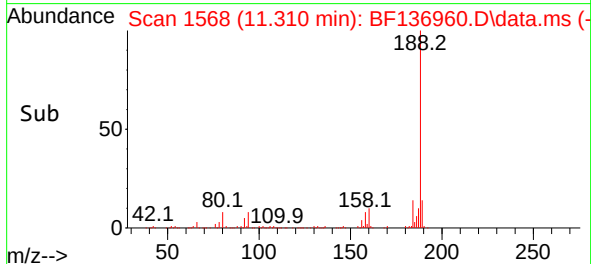
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



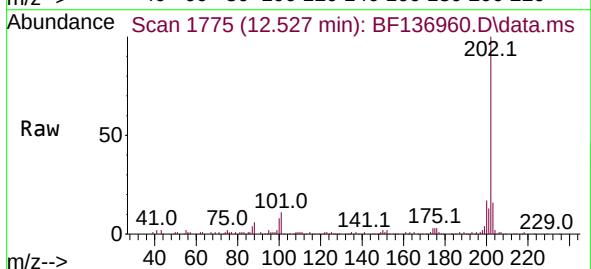
Tgt Ion:188 Resp: 137669
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.2 8.1 12.1

Manual Integrations
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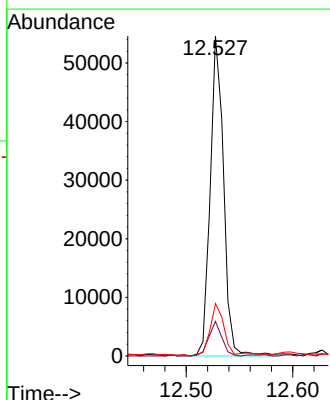
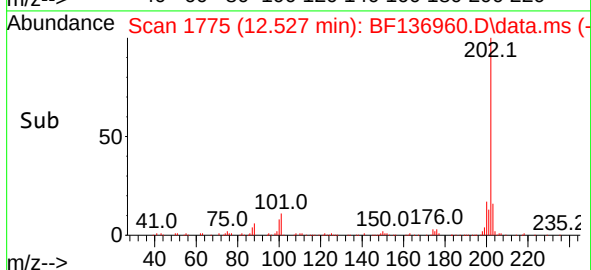
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

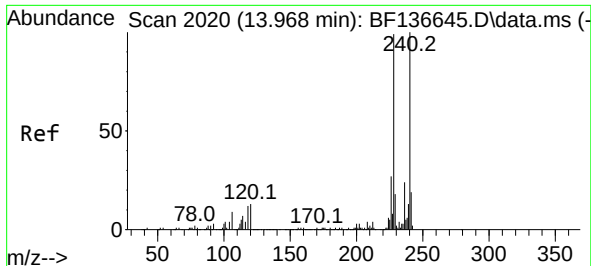


#75
Fluoranthene
Concen: 6.339 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28



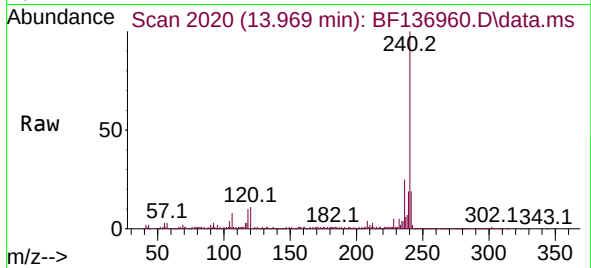
Tgt Ion:202 Resp: 47896
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
203 16.4 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

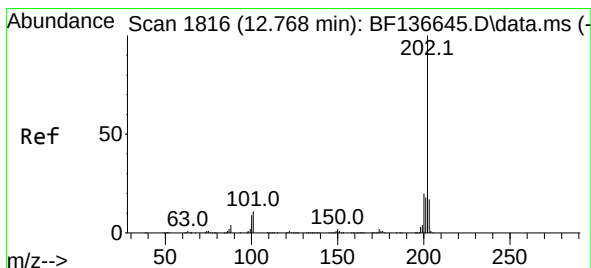
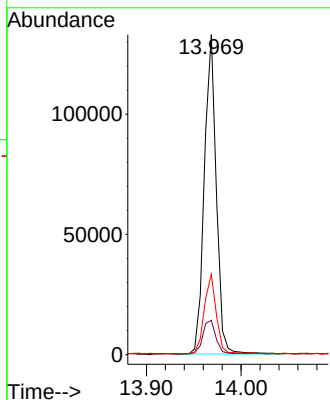
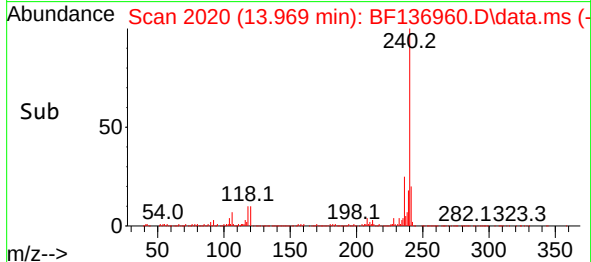
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



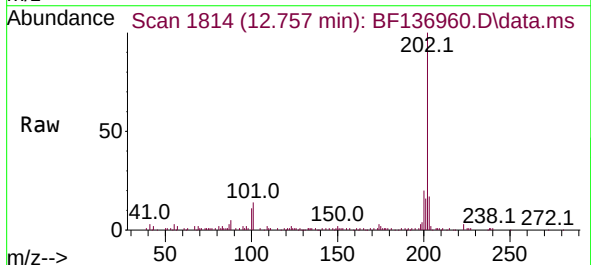
Tgt Ion:240 Resp: 11677
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 25.1 19.4 29.2

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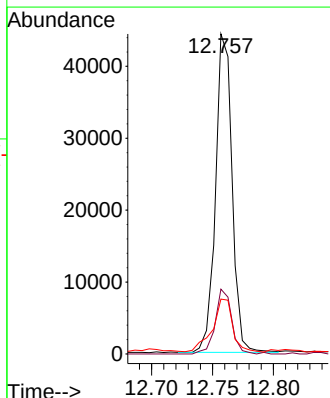
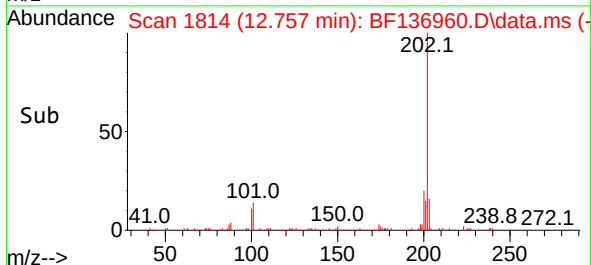
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

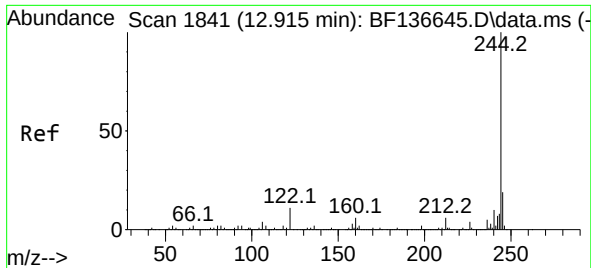


#78
Pyrene
Concen: 3.669 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28



Tgt Ion:202 Resp: 42061
Ion Ratio Lower Upper
202 100
200 20.3 15.9 23.9
203 17.2 13.8 20.6





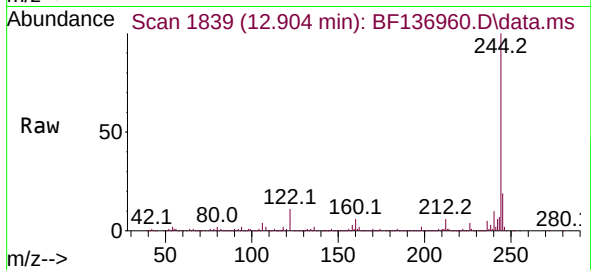
#79
 Terphenyl-d14
 Concen: 31.668 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136960.D
 Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024



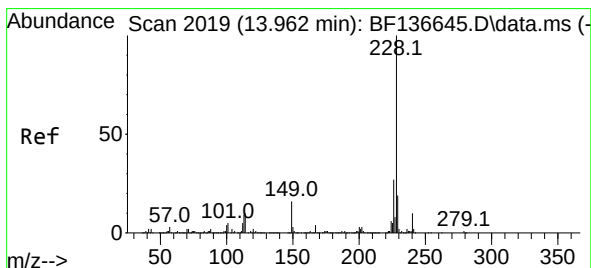
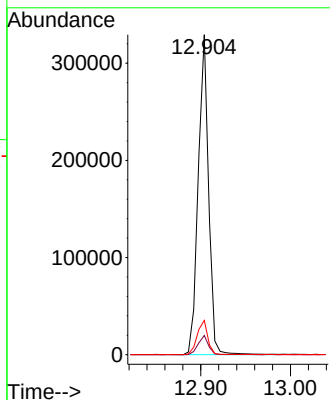
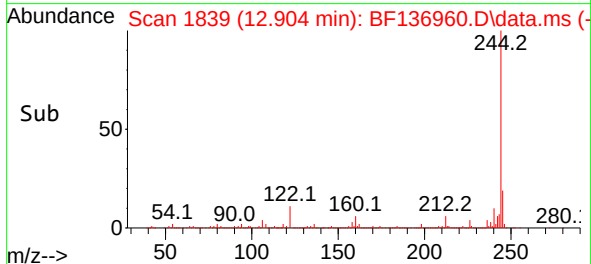
Tgt Ion:244 Resp: 26461
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 10.7 9.0 13.4

Manual Integrations

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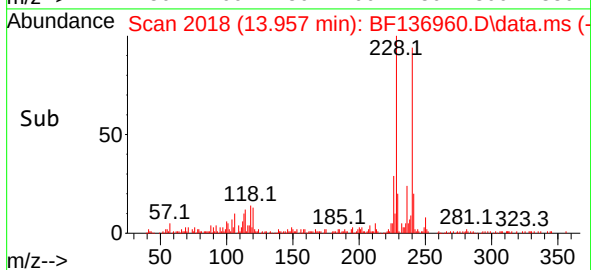
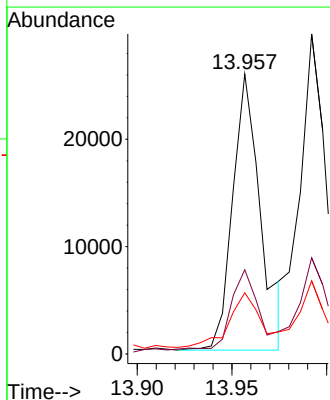
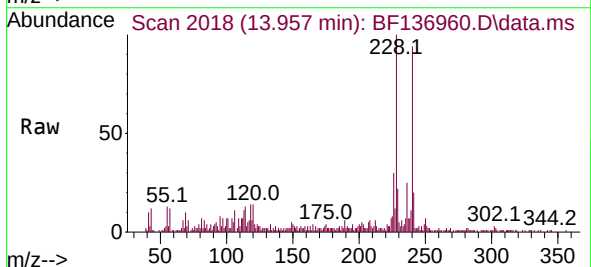
Reviewed By :Yogesh Patel 01/05/2024

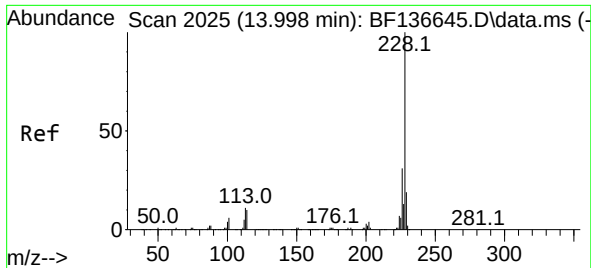
Supervised By :mohammad ahmed 01/05/2024



#81
 Benzo(a)anthracene
 Concen: 3.250 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF136960.D
 Acq: 05 Jan 2024 01:28

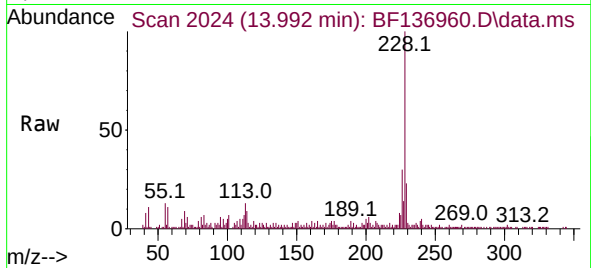
Tgt Ion:228 Resp: 26351
 Ion Ratio Lower Upper
 228 100
 226 30.1 21.4 32.0
 229 21.8 14.9 22.3





#83
Chrysene
Concen: 3.520 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

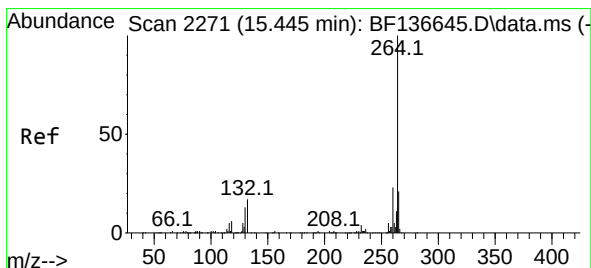
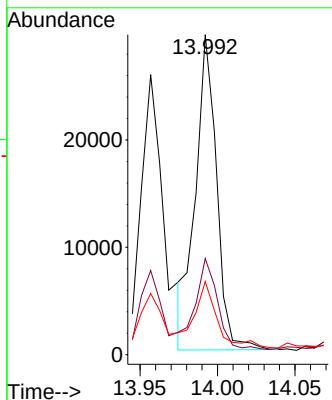
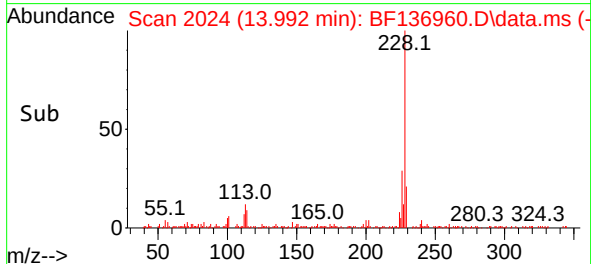
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024



Tgt Ion:228 Resp: 27910
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 22.8 15.4 23.0

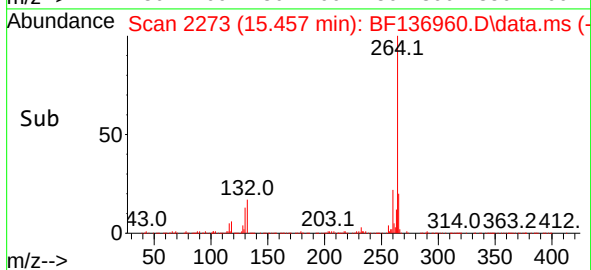
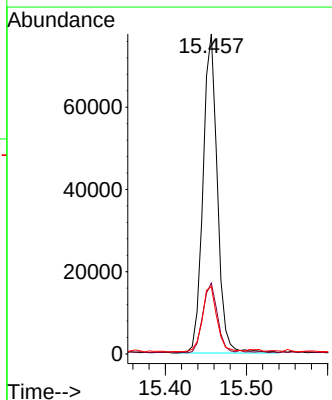
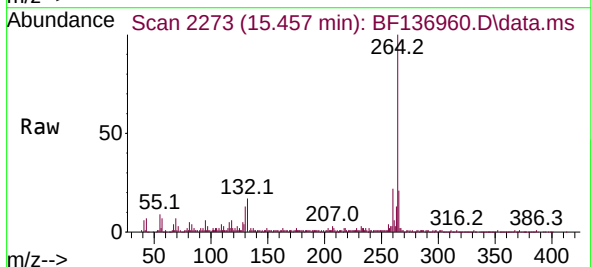
Manual Integrations
APPROVED

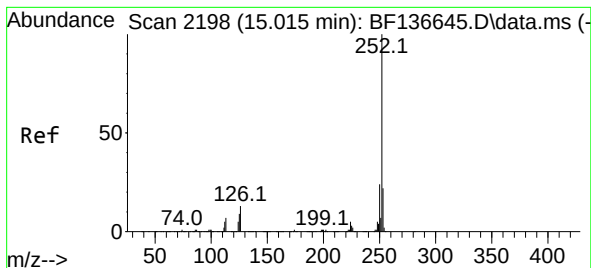
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136960.D
Acq: 05 Jan 2024 01:28

Tgt Ion:264 Resp: 95138
Ion Ratio Lower Upper
264 100
260 22.2 18.3 27.5
265 21.0 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 4.565 ng m

RT: 15.021 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024

Tgt Ion:252 Resp: 29000

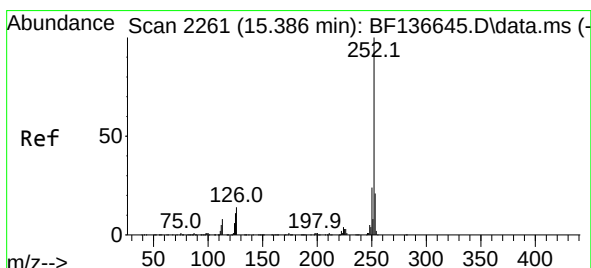
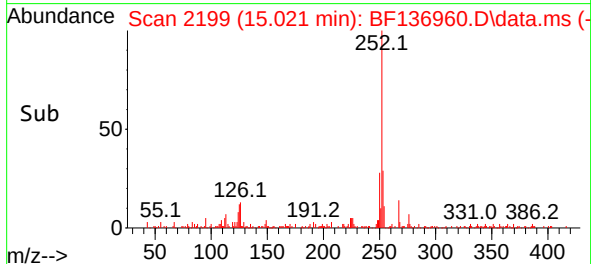
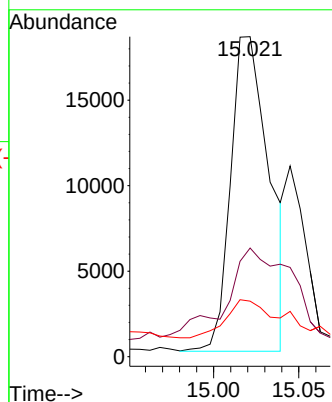
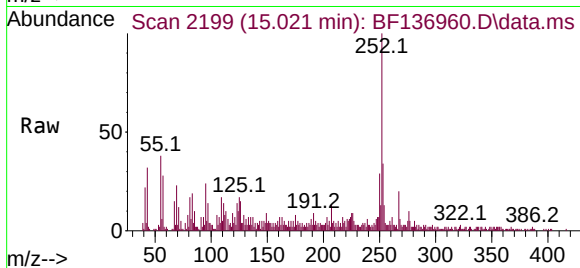
Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.4	26.0
125	17.4	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(a)pyrene

Concen: 2.716 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136960.D

Acq: 05 Jan 2024 01:28

Tgt Ion:252 Resp: 14570

Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.0	25.6
125	24.2	8.8	13.2

