

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134586.D
 Acq On : 02 Aug 2023 18:33
 Operator : CG\JU
 Sample : 03842-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 01:49:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	184044	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	701013	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	300983	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	474848	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	331244	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	267534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1115988	92.174	ng	0.00
7) Phenol-d6	6.428	99	1388340	89.704	ng	0.00
23) Nitrobenzene-d5	7.357	82	822718	73.342	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	281515	91.751	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1382254	76.359	ng	0.00
79) Terphenyl-d14	12.910	244	1303608	69.377	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	69595	2.759	ng	99
75) Fluoranthene	12.527	202	124689	4.680	ng	97
78) Pyrene	12.757	202	118091	4.120	ng	99
81) Benzo(a)anthracene	13.945	228	48234	2.036	ng	96
83) Chrysene	13.980	228	53435	2.316	ng	97
88) Benzo(b)fluoranthene	14.992	252	49572m	3.038	ng	

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

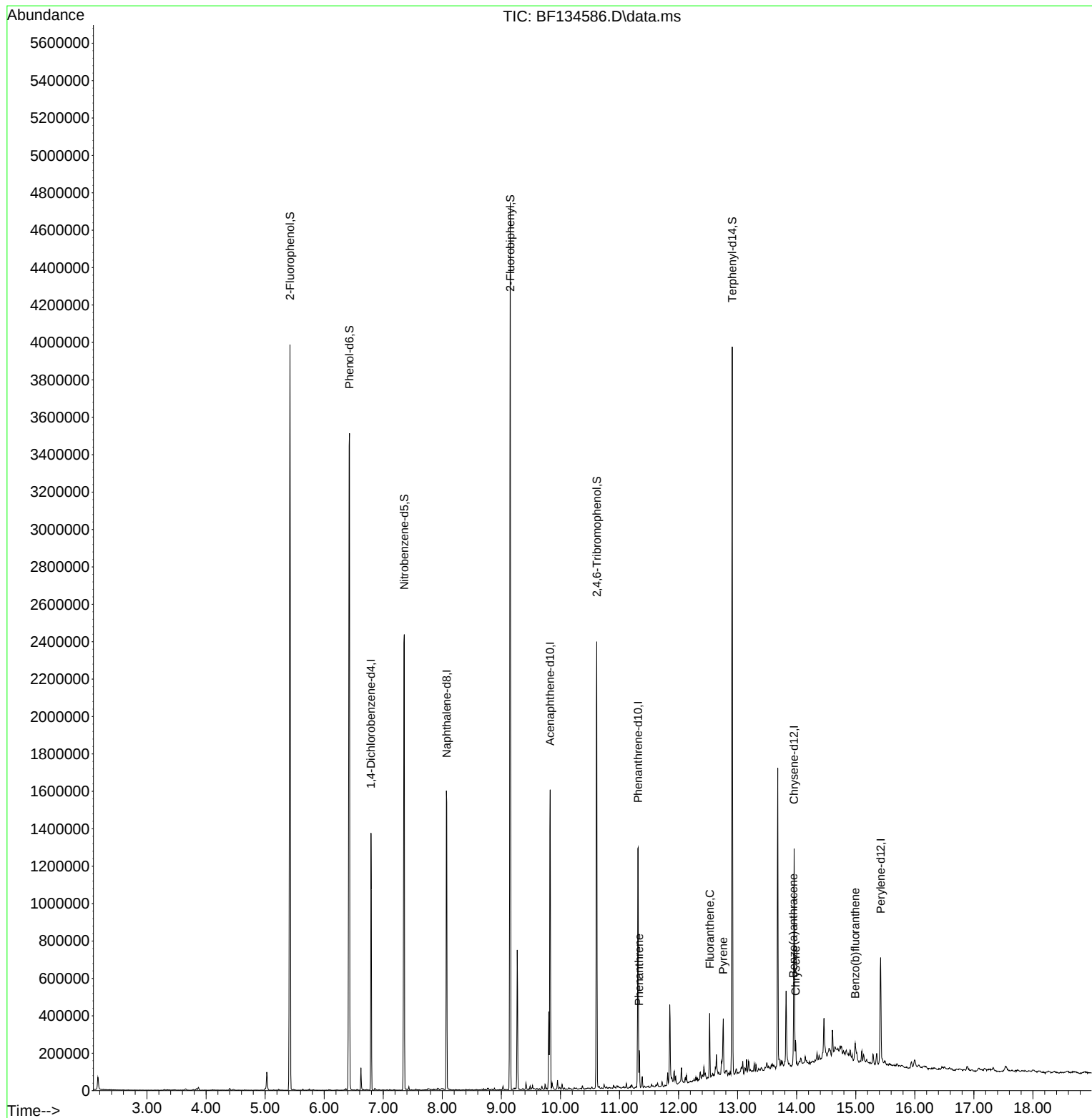
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134586.D
Acq On : 02 Aug 2023 18:33
Operator : CG\JU
Sample : 03842-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

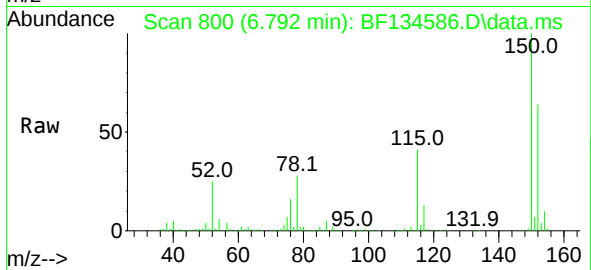
Quant Time: Aug 03 01:49:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

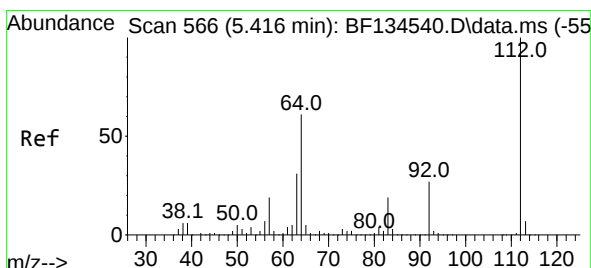
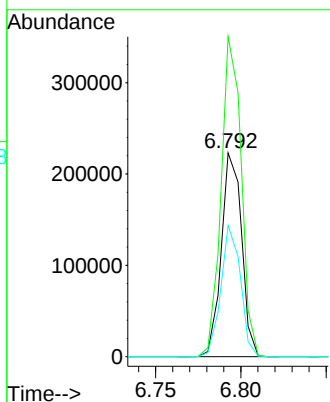
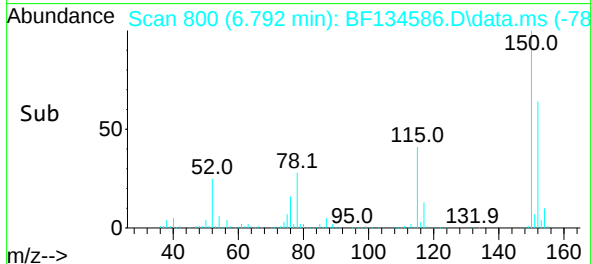
Instrument :
BNA_F
ClientSampleId :
342



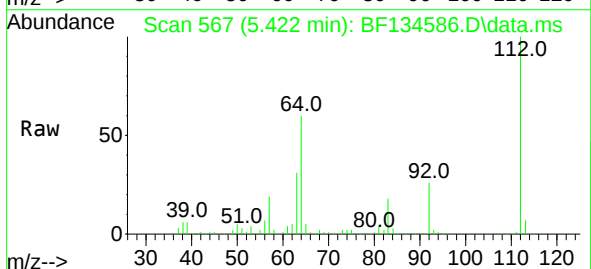
Tgt Ion:152 Resp: 184044
Ion Ratio Lower Upper
152 100
150 157.0 128.3 192.5
115 64.3 52.4 78.6

Manual Integrations
APPROVED

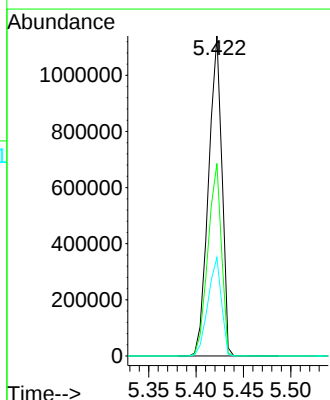
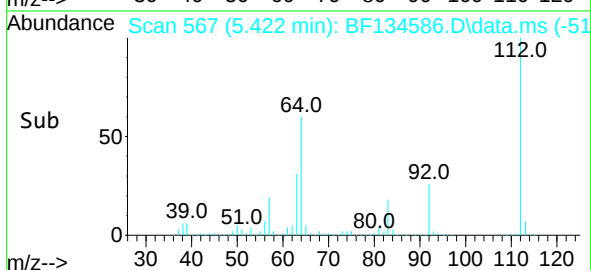
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#5
2-Fluorophenol
Concen: 92.174 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33



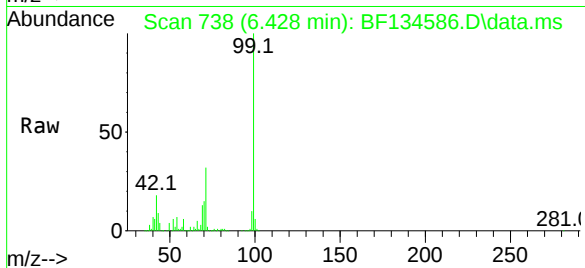
Tgt Ion:112 Resp: 1115988
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 30.8 25.4 38.0





#7
Phenol-d6
Concen: 89.704 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

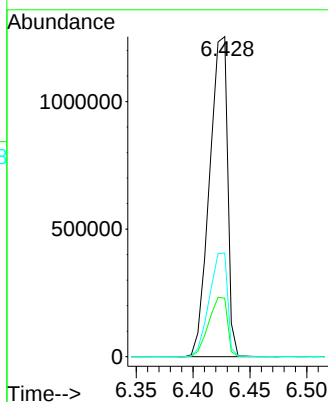
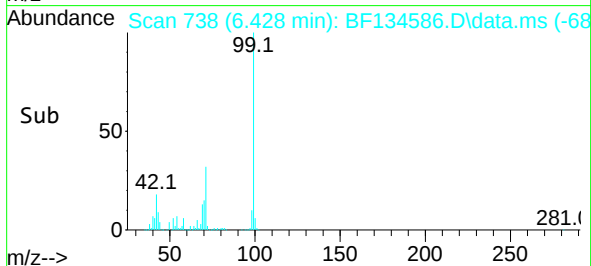
Instrument :
BNA_F
ClientSampleId :
342



Tgt Ion: 99 Resp: 1388340
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1
71 32.4 36.4 54.6

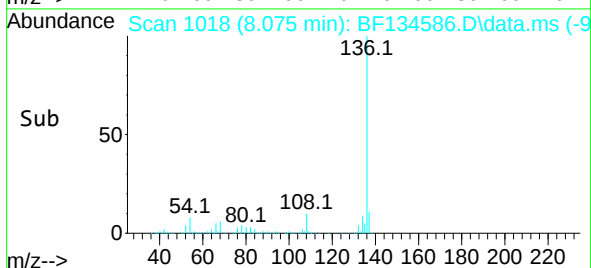
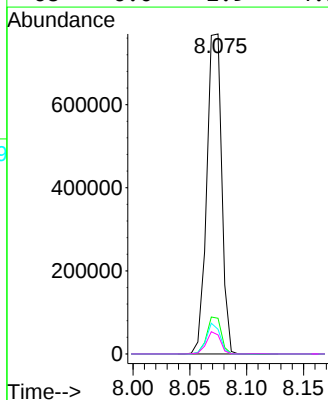
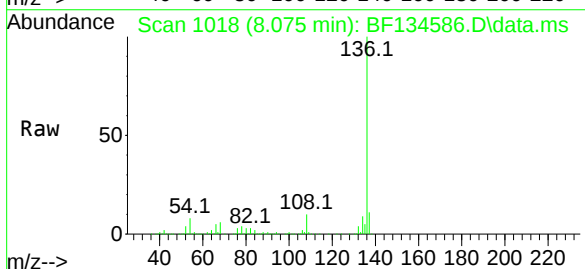
Manual Integrations
APPROVED

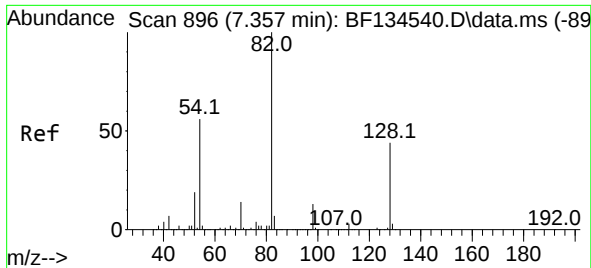
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

Tgt Ion:136 Resp: 701013
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 5.2 7.8
68 6.0 2.9 4.3





#23

Nitrobenzene-d5

Concen: 73.342 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134586.D

Acq: 02 Aug 2023 18:33

Instrument :

BNA_F

ClientSampleId :

342

Tgt Ion: 82 Resp: 822718

Ion Ratio Lower Upper

82 100

128 47.3 34.3 51.5

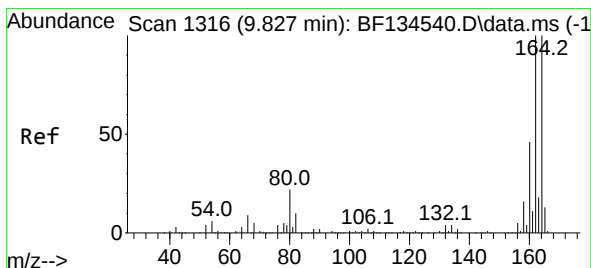
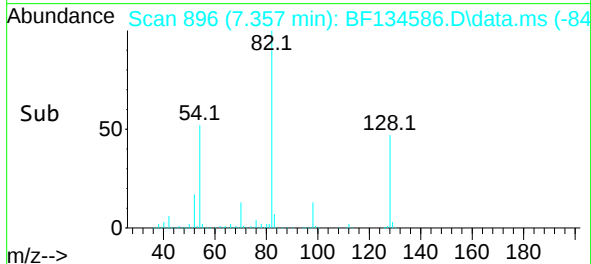
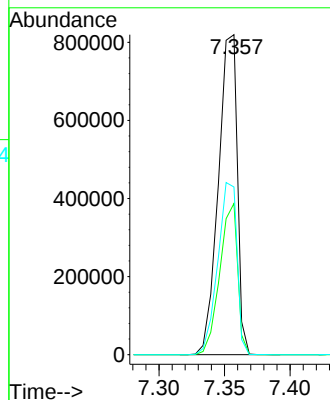
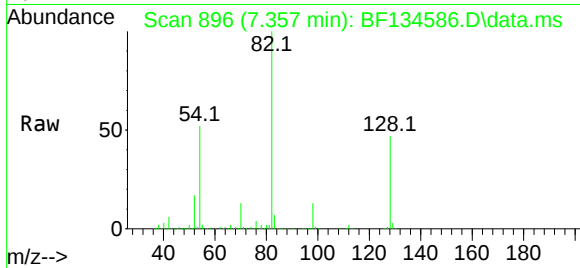
54 52.4 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134586.D

Acq: 02 Aug 2023 18:33

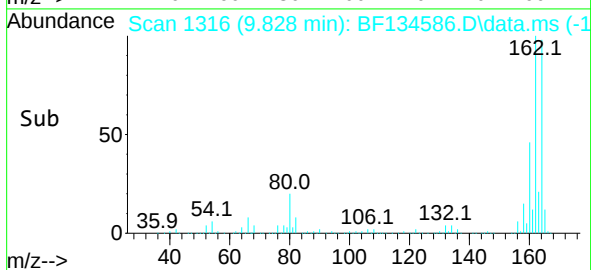
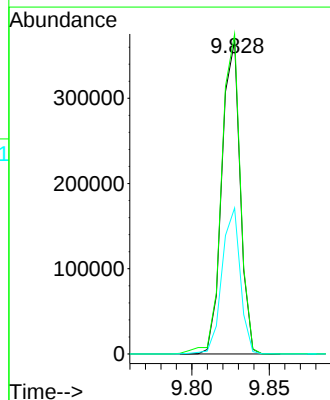
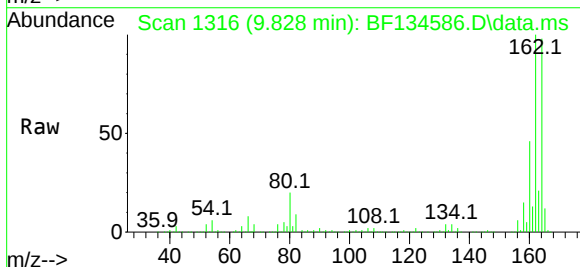
Tgt Ion:164 Resp: 300983

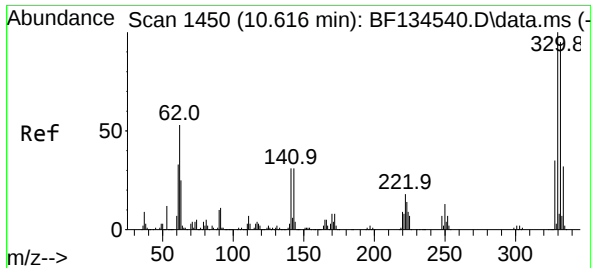
Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

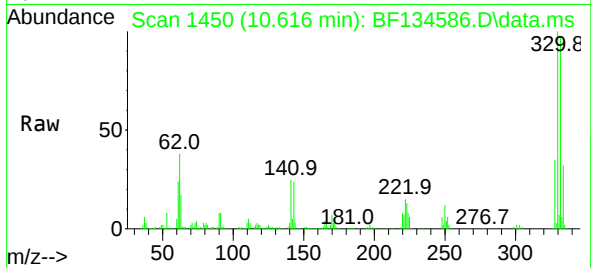
160 46.6 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 91.751 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

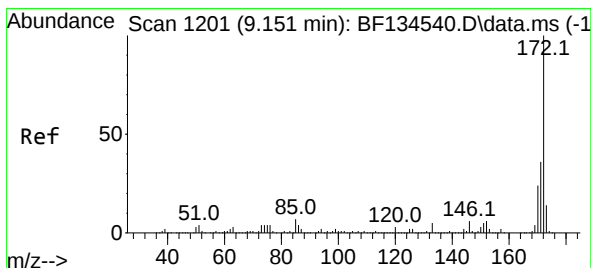
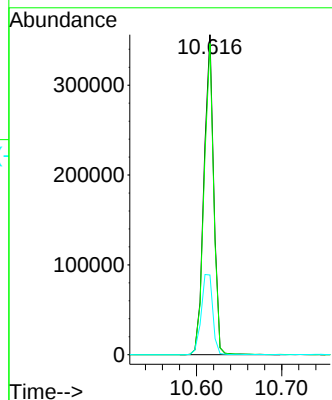
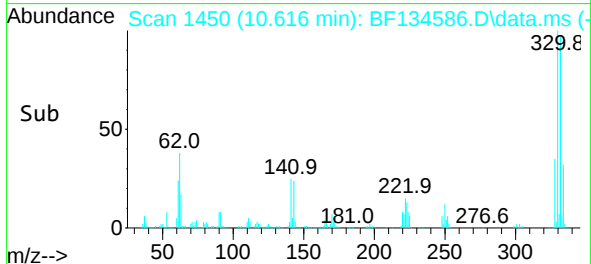
Instrument :
BNA_F
ClientSampleId :
342



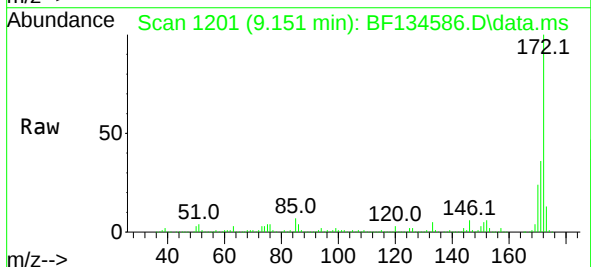
Tgt Ion: 330 Resp: 28151
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 29.8 25.4 38.2

Manual Integrations
APPROVED

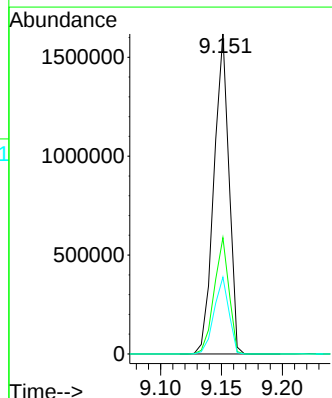
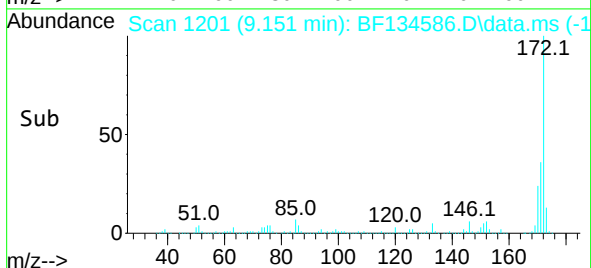
Reviewed By : Yogesh Patel 08/03/2023
Supervised By : mohammad ahmed 08/03/2023



#45
2-Fluorobiphenyl
Concen: 76.359 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33



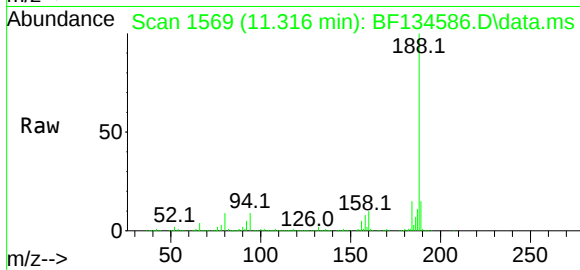
Tgt Ion: 172 Resp: 1382254
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.0 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

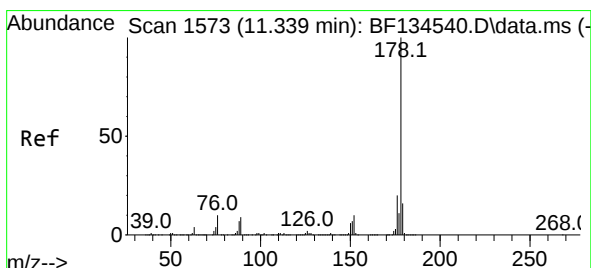
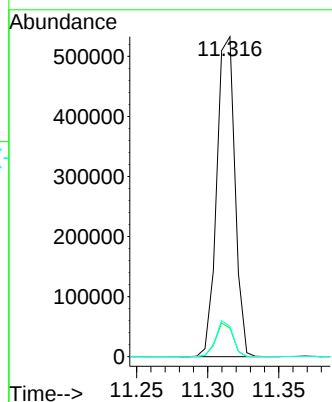
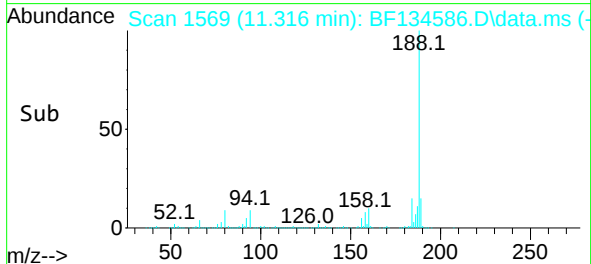
Instrument :
BNA_F
ClientSampleId :
342



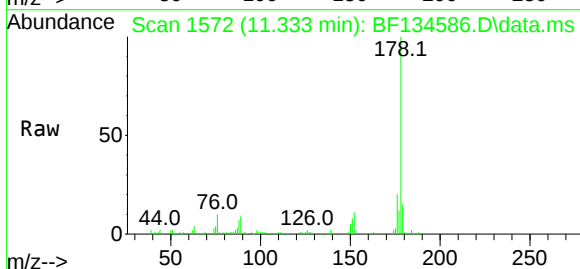
Tgt Ion:188 Resp: 47484
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7
80 9.4 6.6 9.8

Manual Integrations
APPROVED

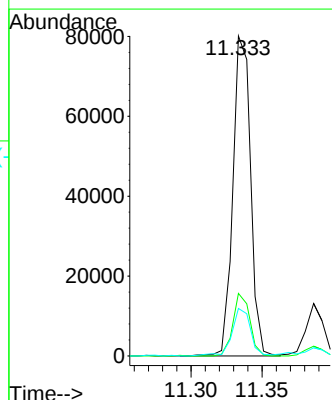
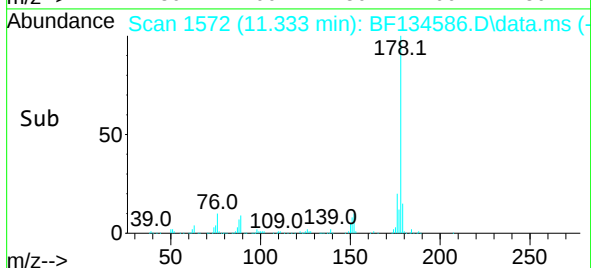
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

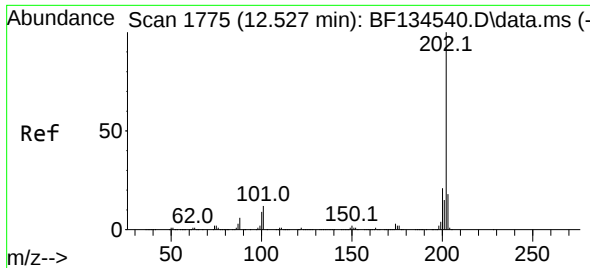


#71
Phenanthrene
Concen: 2.759 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33



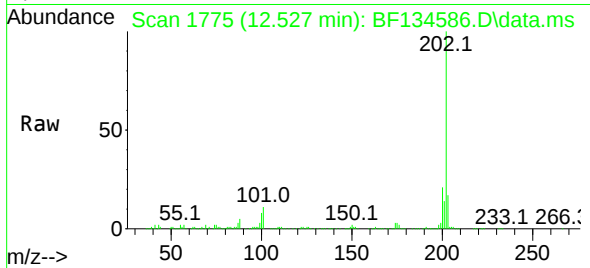
Tgt Ion:178 Resp: 69595
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 14.9 12.7 19.1





#75
Fluoranthene
Concen: 4.680 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

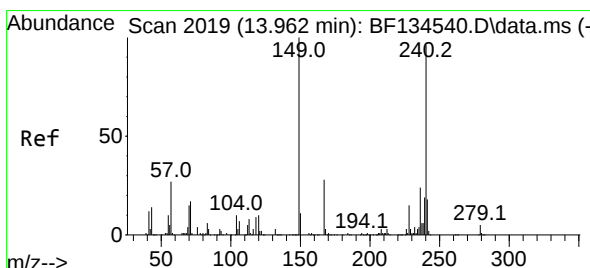
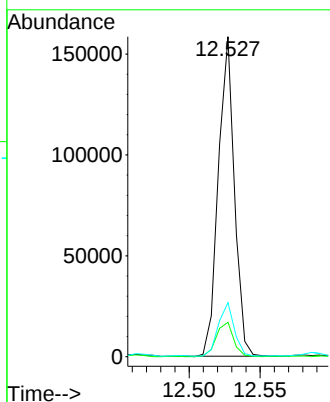
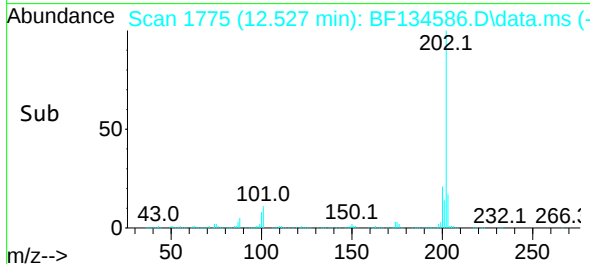
Instrument :
BNA_F
ClientSampleId :
342



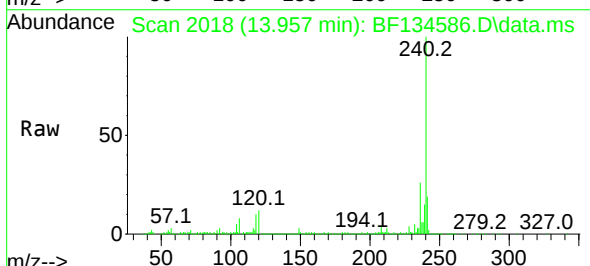
Tgt Ion:202 Resp: 124689
Ion Ratio Lower Upper
202 100
101 10.8 0.0 28.5
203 16.9 0.0 37.5

Manual Integrations
APPROVED

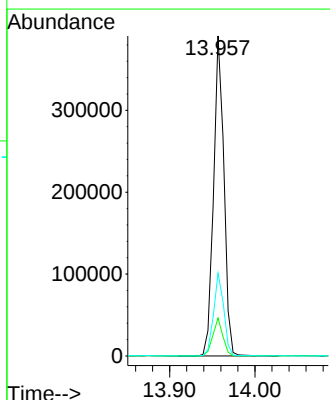
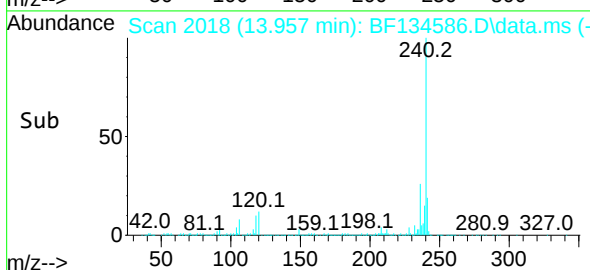
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

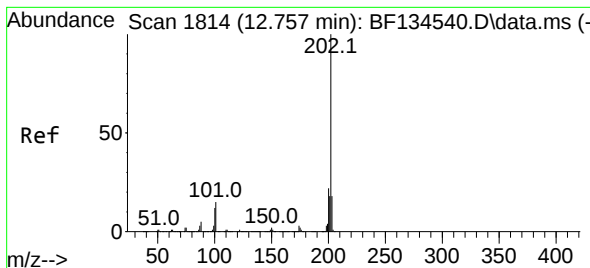


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33



Tgt Ion:240 Resp: 331244
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 25.8 20.2 30.2





#78

Pyrene

Concen: 4.120 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134586.D

Acq: 02 Aug 2023 18:33

Instrument :

BNA_F

ClientSampleId :

342

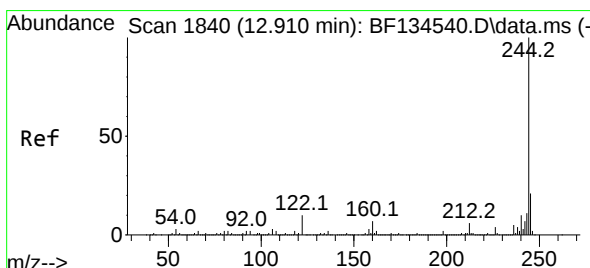
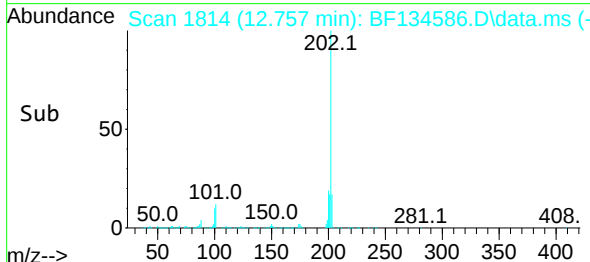
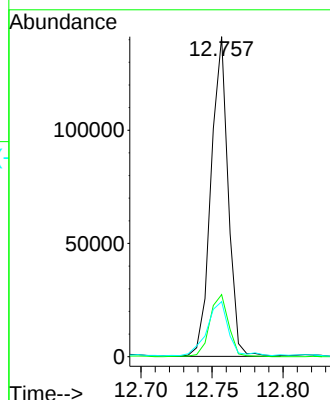
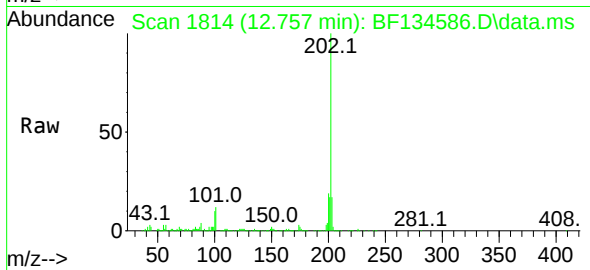
Tgt Ion:202 Resp: 11809
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.8 23.8
 203 17.2 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#79

Terphenyl-d14

Concen: 69.377 ng

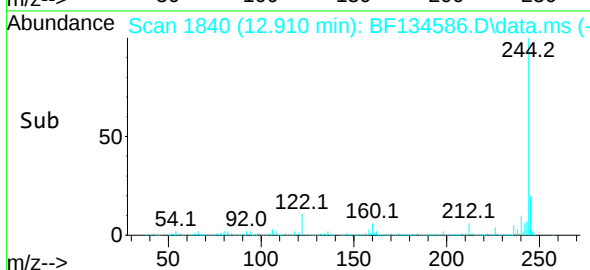
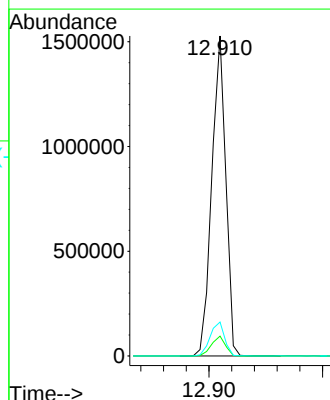
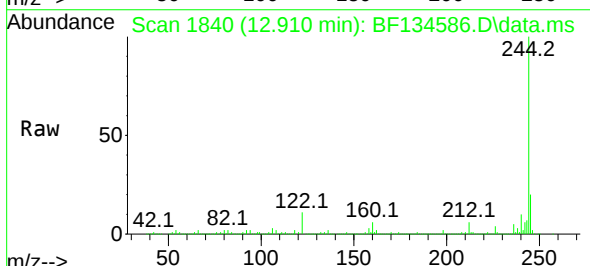
RT: 12.910 min Scan# 1840

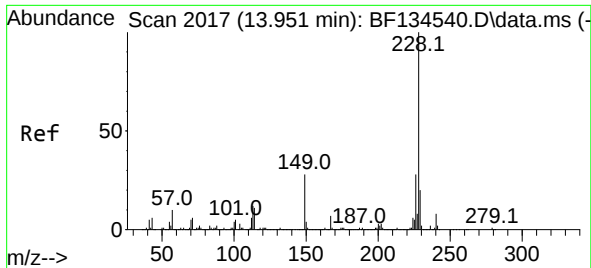
Delta R.T. 0.000 min

Lab File: BF134586.D

Acq: 02 Aug 2023 18:33

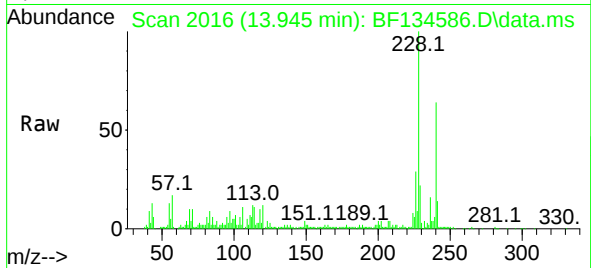
Tgt Ion:244 Resp: 1303608
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 10.6 8.0 12.0





#81
Benzo(a)anthracene
Concen: 2.036 ng
RT: 13.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

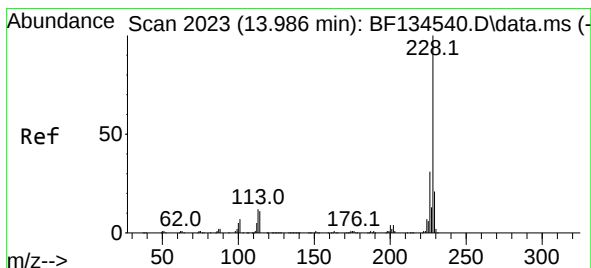
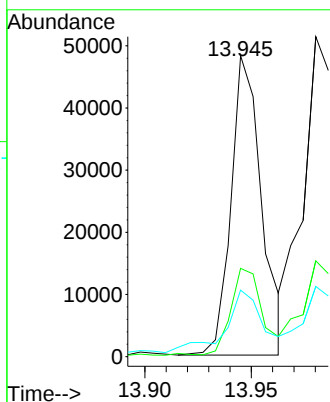
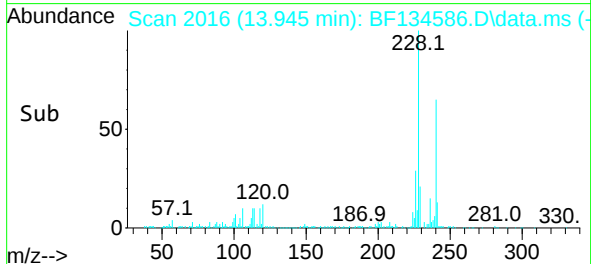
Instrument :
BNA_F
ClientSampleId :
342



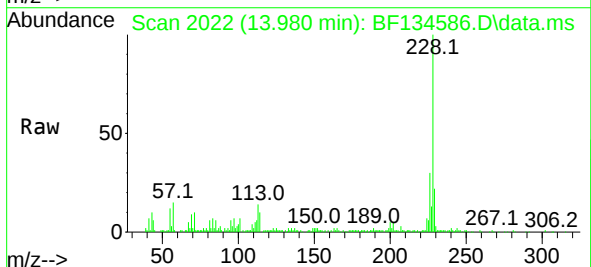
Tgt Ion:228 Resp: 48234
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 22.1 15.8 23.6

Manual Integrations
APPROVED

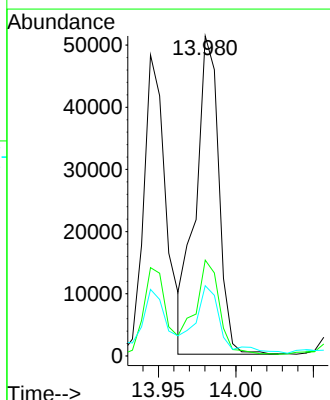
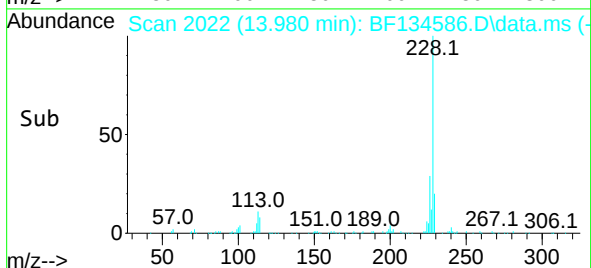
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

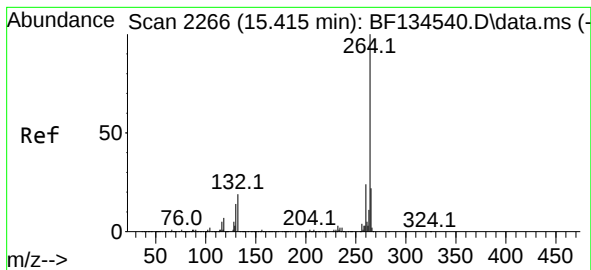


#83
Chrysene
Concen: 2.316 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33



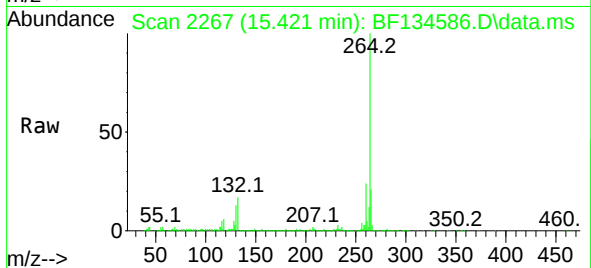
Tgt Ion:228 Resp: 53435
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 21.9 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

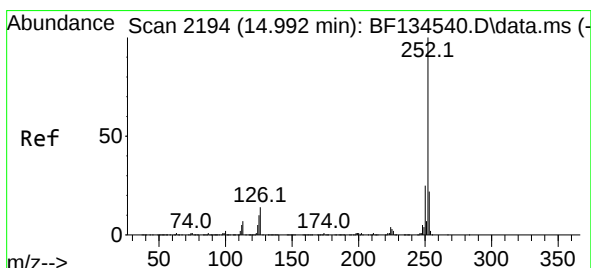
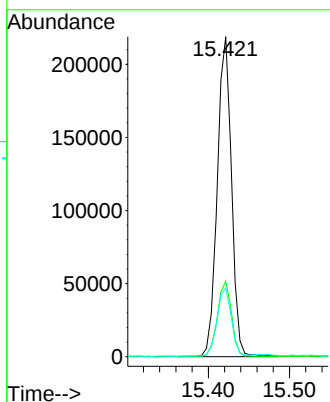
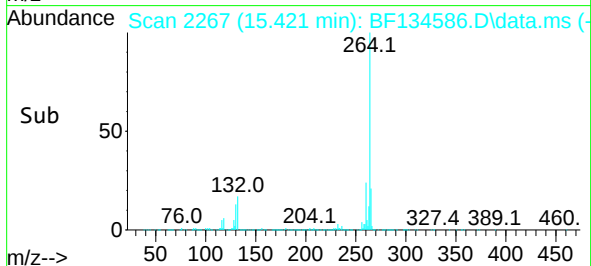
Instrument :
BNA_F
ClientSampleId :
342



Tgt Ion:264 Resp: 267534
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.5 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#88
Benzo(b)fluoranthene
Concen: 3.038 ng m
RT: 14.992 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF134586.D
Acq: 02 Aug 2023 18:33

Tgt Ion:252 Resp: 49572
Ion Ratio Lower Upper
252 100
253 24.8 17.3 25.9
125 13.4 6.0 9.0#

