

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134615.D
 Acq On : 03 Aug 2023 17:17
 Operator : CG\JU
 Sample : 03756-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-13-CS-13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:09:52 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	6.798	152	154261	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	544387	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	236511	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	442089	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	249458	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	211506	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	898230	88.512	ng	0.00
7) Phenol-d6	6.428	99	1123285	86.591	ng	0.00
23) Nitrobenzene-d5	7.357	82	610118	70.038	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	237299	98.423	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1057926	74.373	ng	0.00
79) Terphenyl-d14	12.916	244	1171022	82.754	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.339	178	106474	4.534	ng	98
75) Fluoranthene	12.533	202	183131	7.383	ng	98
78) Pyrene	12.763	202	157005	7.273	ng	99
81) Benzo(a)anthracene	13.957	228	36006	2.019	ng	# 89
88) Benzo(b)fluoranthene	15.004	252	28947m	2.244	ng	

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

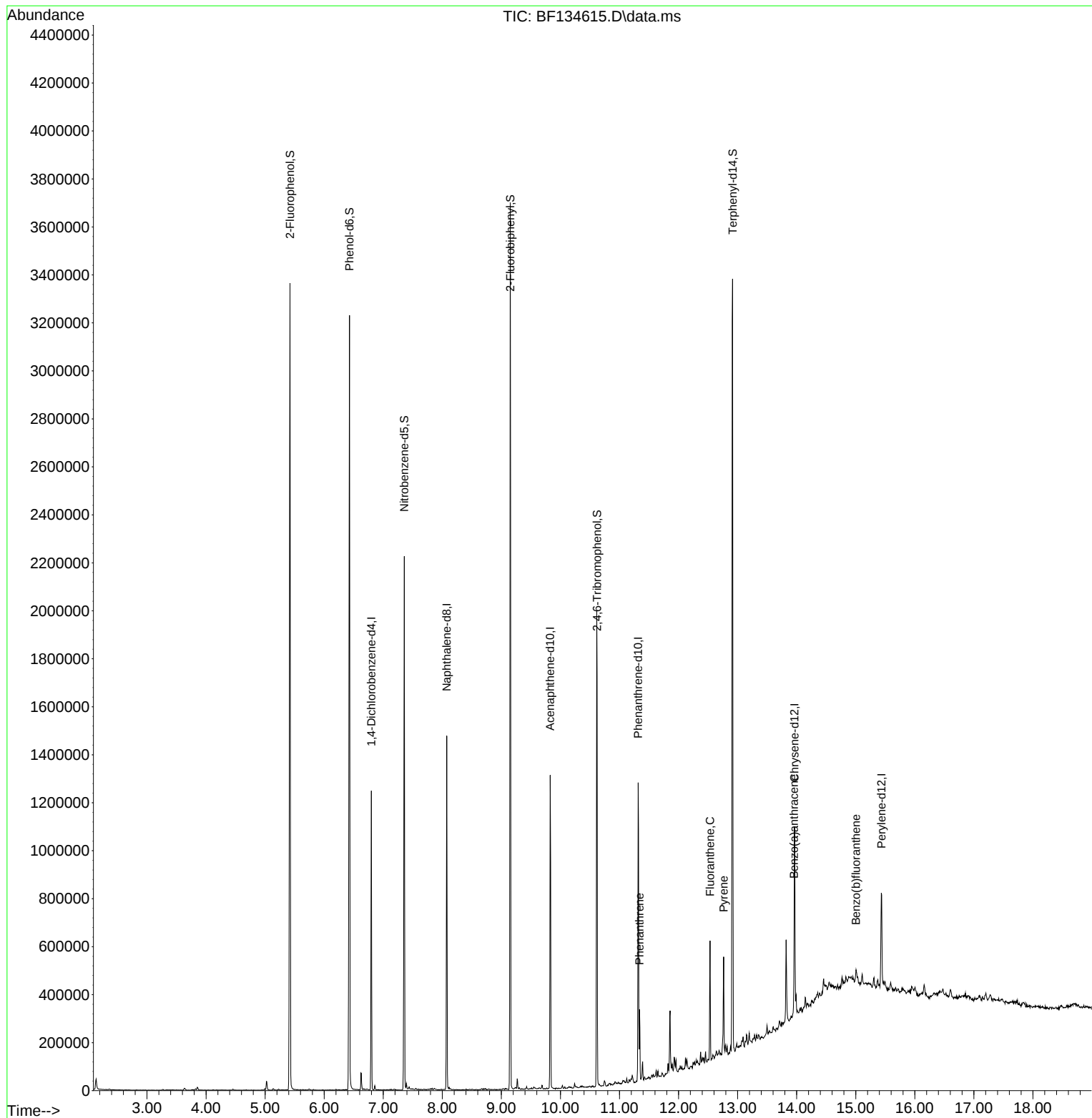
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134615.D
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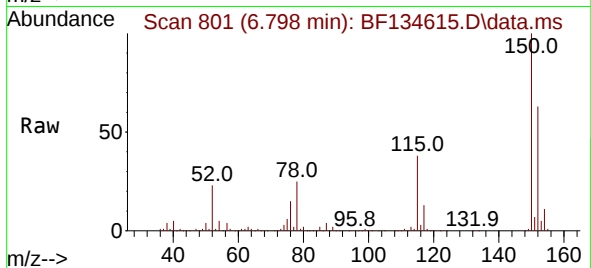
Quant Time: Aug 04 01:09:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

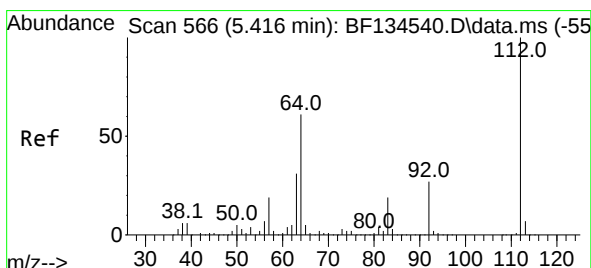
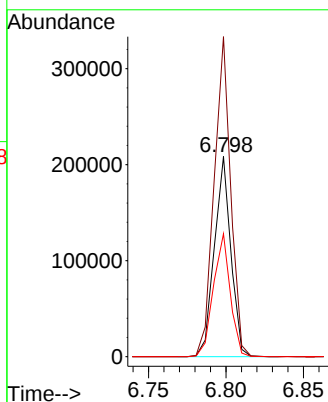
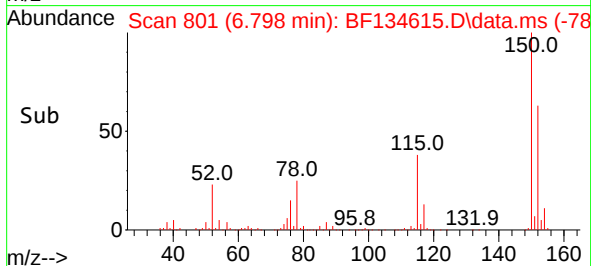
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:152 Resp: 15426
Ion Ratio Lower Upper
152 100
150 159.9 128.3 192.5
115 61.4 52.4 78.6

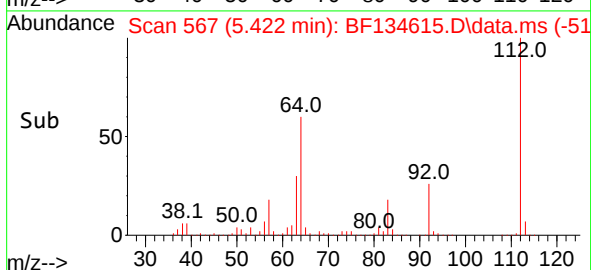
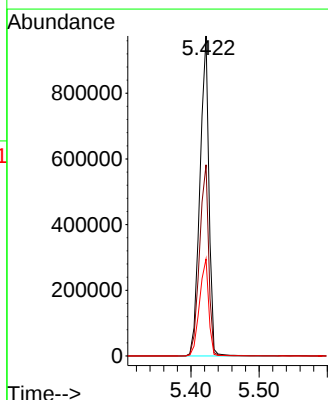
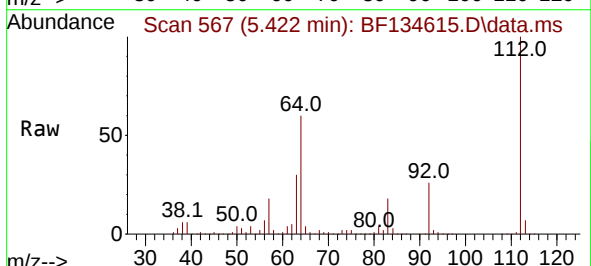
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#5
2-Fluorophenol
Concen: 88.512 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

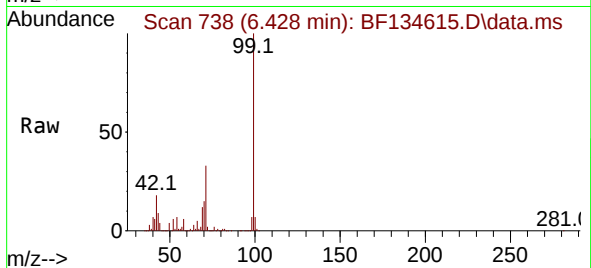
Tgt Ion:112 Resp: 898230
Ion Ratio Lower Upper
112 100
64 59.8 44.9 67.3
63 30.3 25.4 38.0





#7
Phenol-d6
Concen: 86.591 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

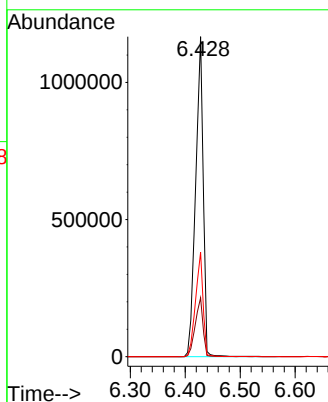
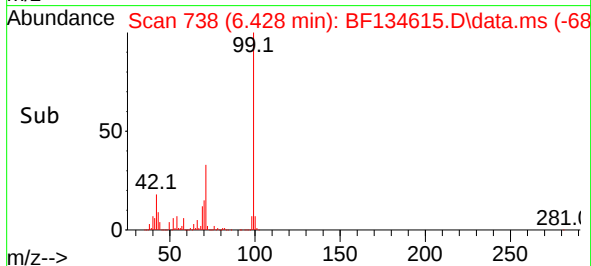
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion: 99 Resp: 112328
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 32.7 36.4 54.6#

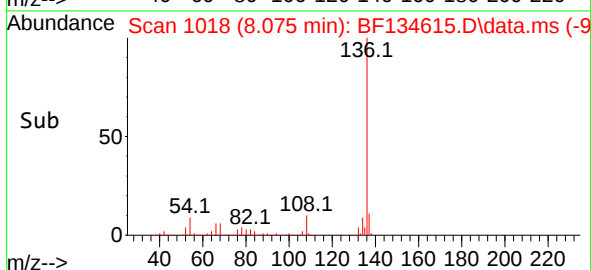
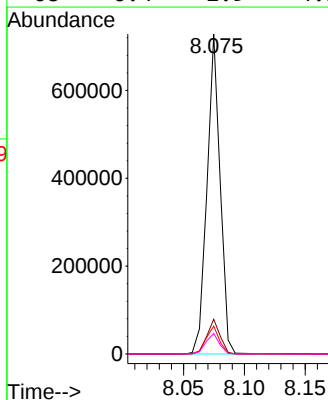
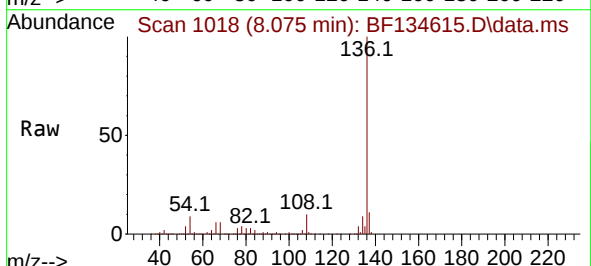
Manual Integrations
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Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

Tgt Ion:136 Resp: 544387
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 70.038 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134615.D

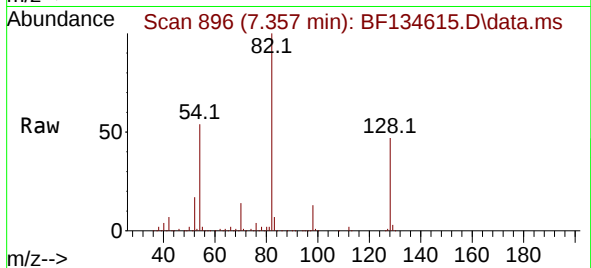
Acq: 03 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

RPTP-13-CS-13



Tgt Ion: 82 Resp: 610118

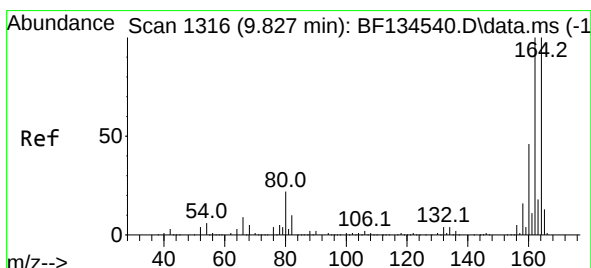
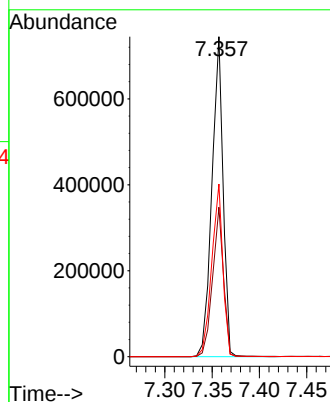
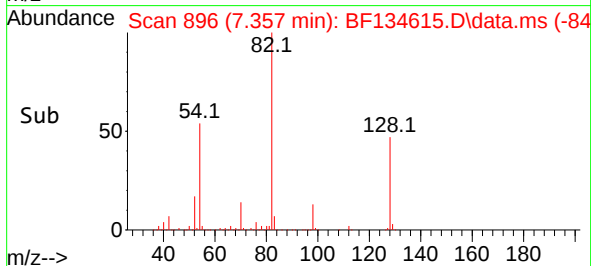
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.3	51.5
54	53.9	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/04/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

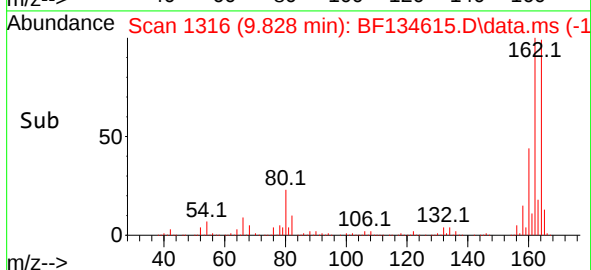
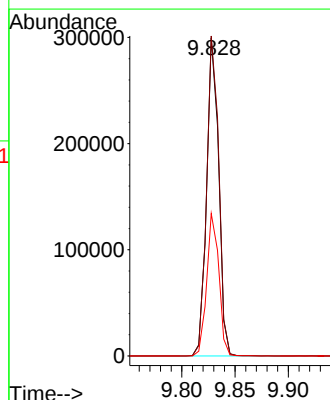
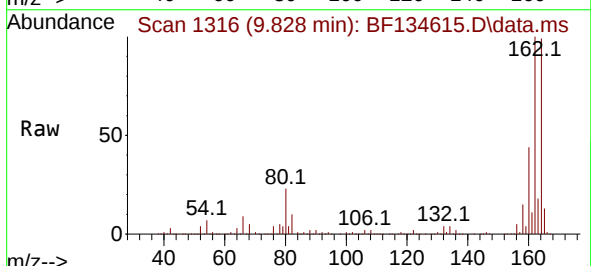
Delta R.T. 0.000 min

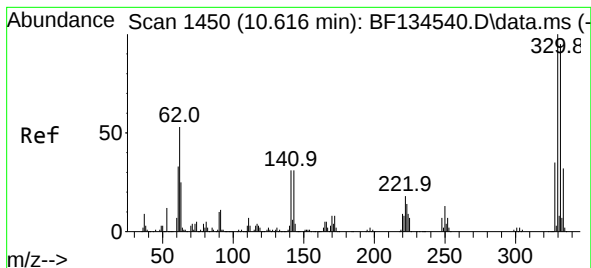
Lab File: BF134615.D

Acq: 03 Aug 2023 17:17

Tgt Ion:164 Resp: 236511

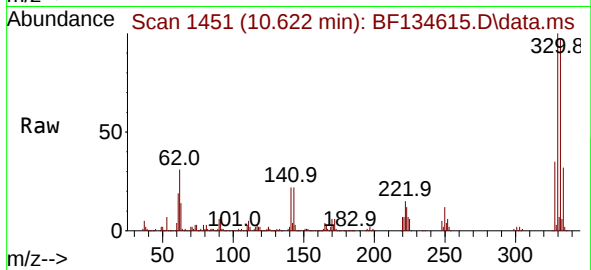
Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	44.8	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 98.423 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

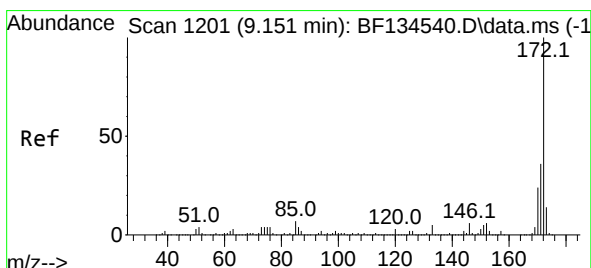
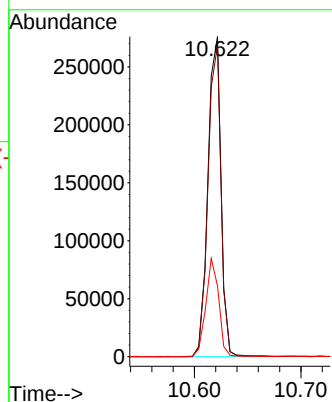
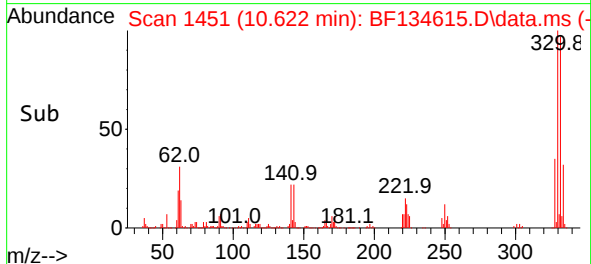
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



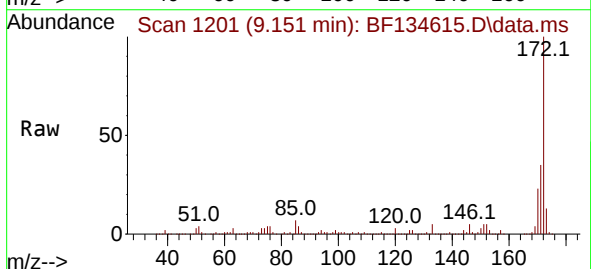
Tgt Ion: 330 Resp: 237299
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 30.6 25.4 38.2

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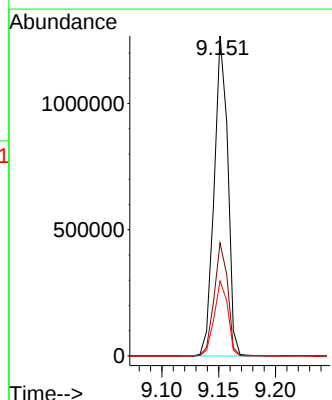
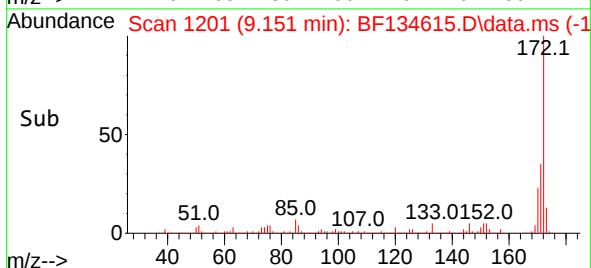
Reviewed By : Yogesh Patel 08/04/2023
Supervised By : mohammad ahmed 08/04/2023

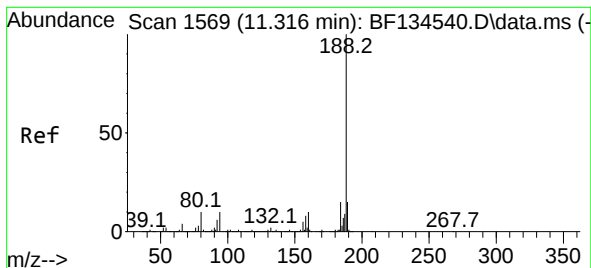


#45
2-Fluorobiphenyl
Concen: 74.373 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17



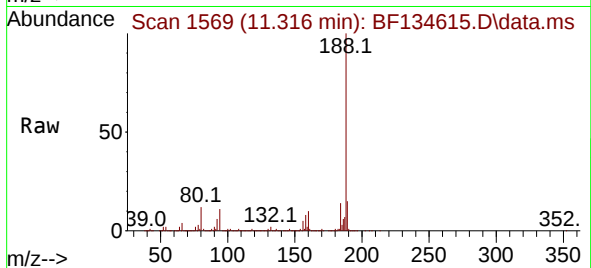
Tgt Ion: 172 Resp: 1057926
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

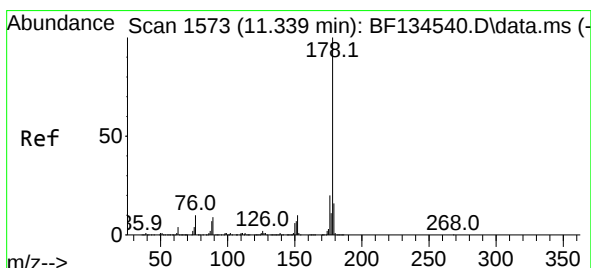
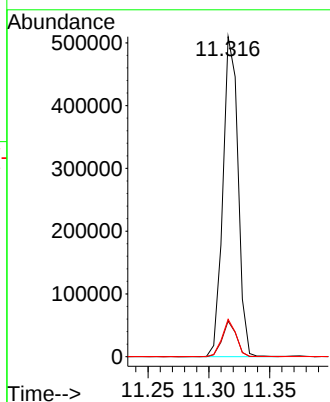
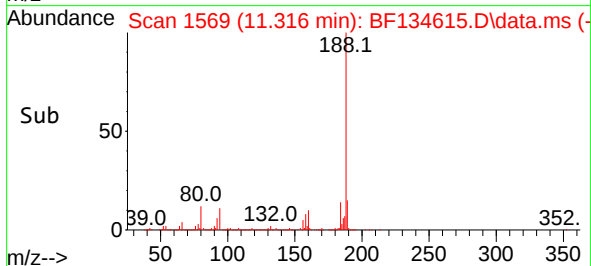
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:188 Resp: 442089
Ion Ratio Lower Upper
188 100
94 11.1 5.1 7.7
80 11.7 6.6 9.8

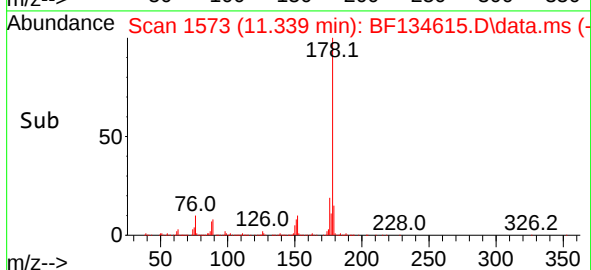
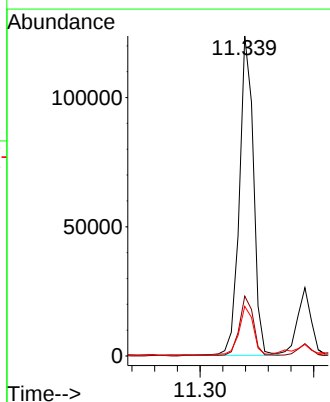
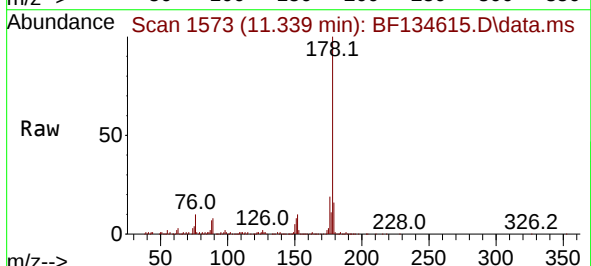
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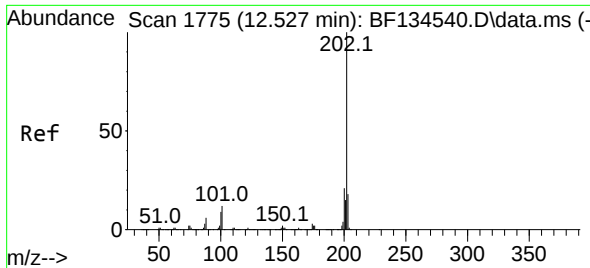
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#71
Phenanthrene
Concen: 4.534 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

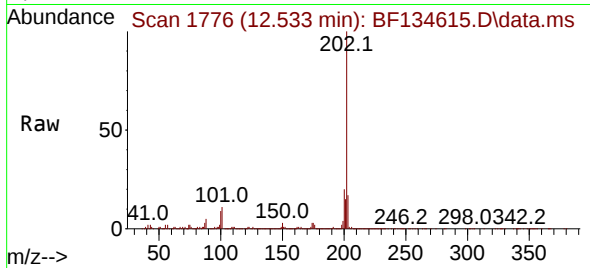
Tgt Ion:178 Resp: 106474
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.6
179 15.5 12.7 19.1





#75
Fluoranthene
Concen: 7.383 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

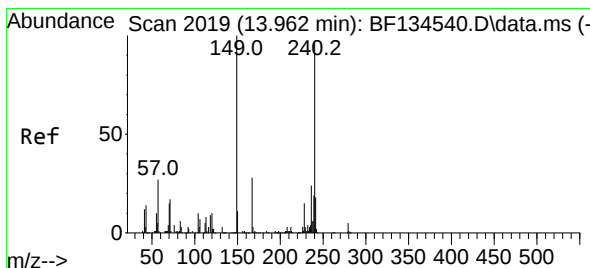
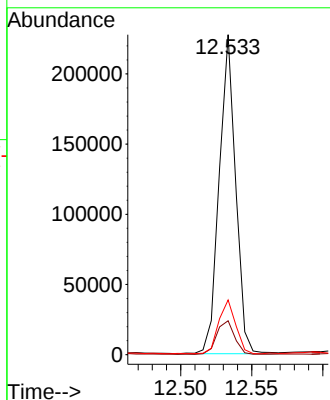
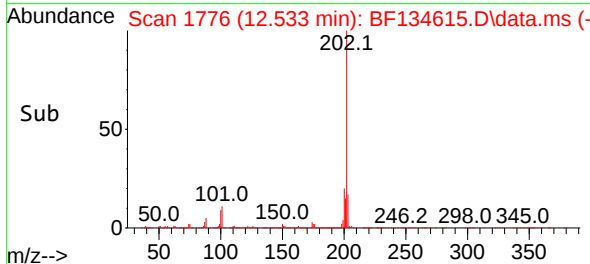
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:202 Resp: 18313
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.5
203 17.1 0.0 37.5

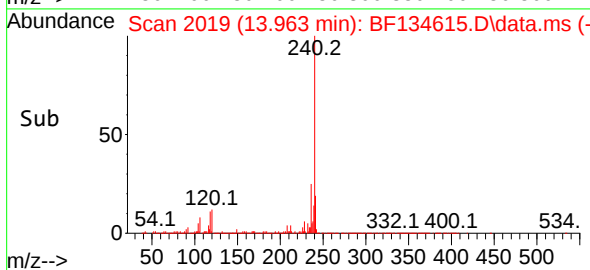
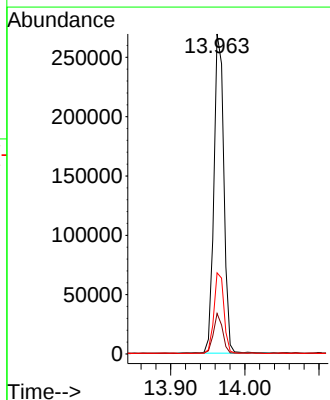
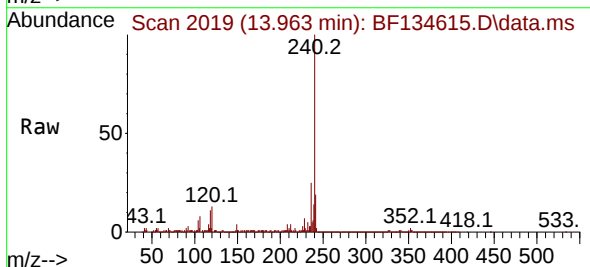
Manual Integrations
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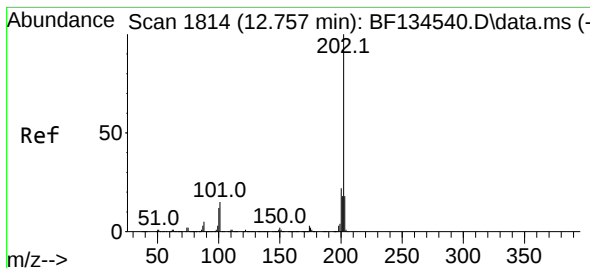
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

Tgt Ion:240 Resp: 249458
Ion Ratio Lower Upper
240 100
120 12.7 6.6 10.0#
236 25.4 20.2 30.2





#78

Pyrene

Concen: 7.273 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF134615.D

Acq: 03 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

RPTP-13-CS-13

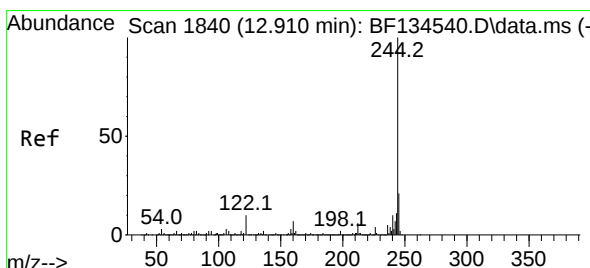
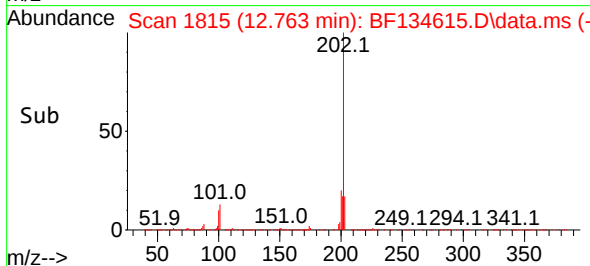
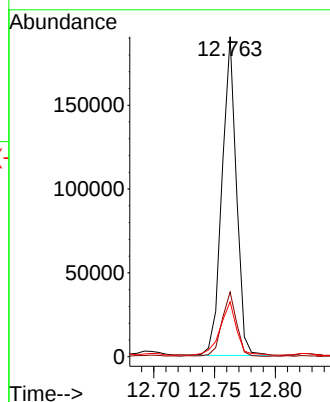
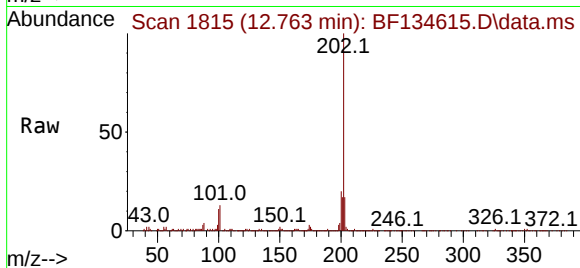
Tgt Ion:202 Resp: 157000
 Ion Ratio Lower Upper
 202 100
 200 20.2 15.8 23.8
 203 17.2 13.5 20.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#79

Terphenyl-d14

Concen: 82.754 ng

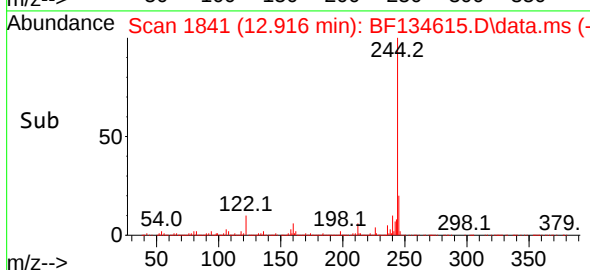
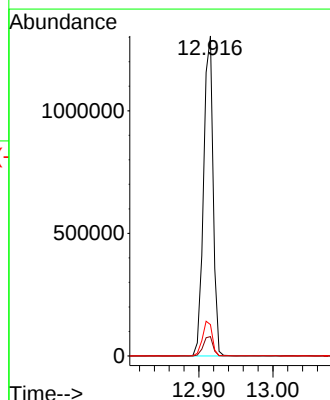
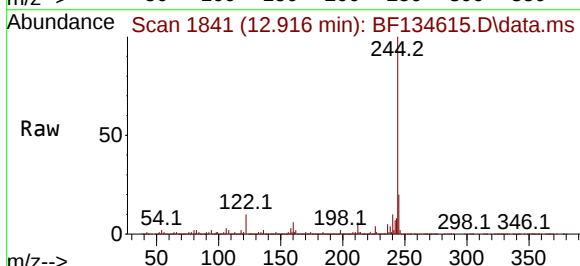
RT: 12.916 min Scan# 1841

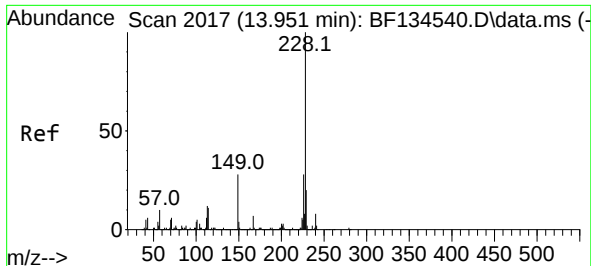
Delta R.T. 0.006 min

Lab File: BF134615.D

Acq: 03 Aug 2023 17:17

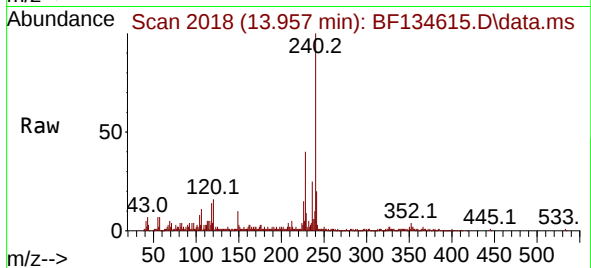
Tgt Ion:244 Resp: 1171022
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 9.8 8.0 12.0





#81
Benzo(a)anthracene
Concen: 2.019 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

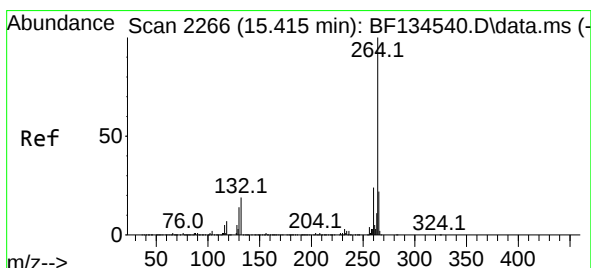
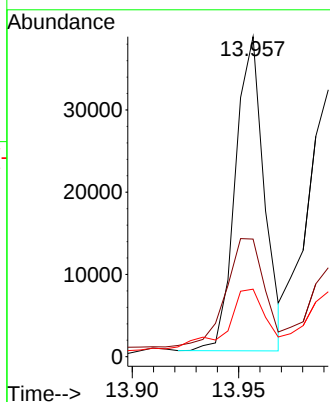
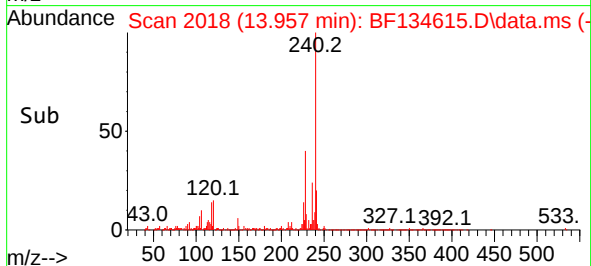
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13



Tgt Ion:228 Resp: 36000
Ion Ratio Lower Upper
228 100
226 36.8 22.3 33.5
229 21.1 15.8 23.6

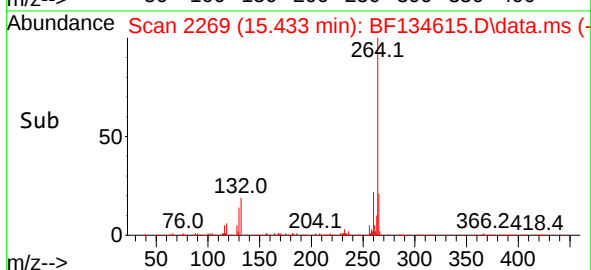
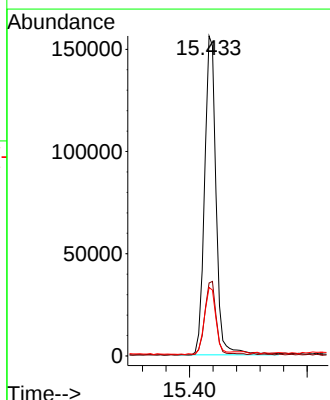
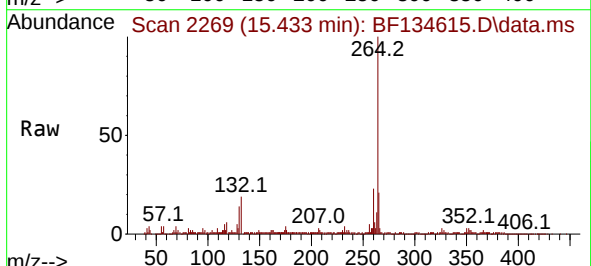
Manual Integrations
APPROVED

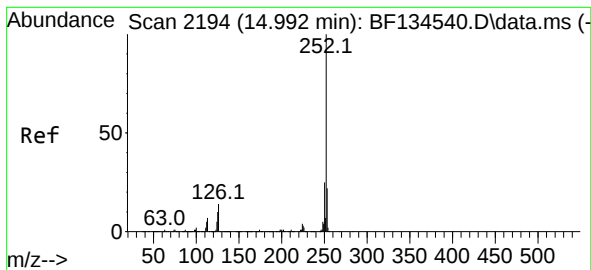
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.018 min
Lab File: BF134615.D
Acq: 03 Aug 2023 17:17

Tgt Ion:264 Resp: 211506
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.4 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.244 ng m

RT: 15.004 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134615.D

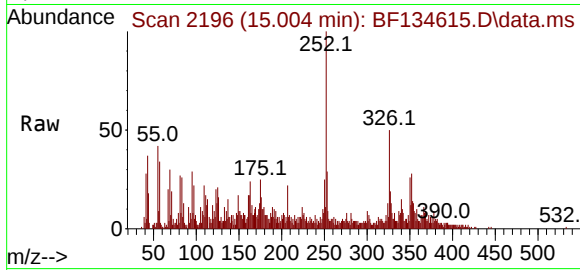
Acq: 03 Aug 2023 17:17

Instrument :

BNA_F

ClientSampleId :

RPTP-13-CS-13



Tgt Ion:252 Resp: 2894

Ion Ratio Lower Upper

252 100

253 29.1 17.3 25.9

125 21.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023

