

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135021.D
 Acq On : 31 Aug 2023 00:16
 Operator : CG\JU
 Sample : 04196-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-02

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 05:59:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	128435	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	523728	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	253692	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	413593	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	227103	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	256098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	702646	84.503	ng	0.00
7) Phenol-d6	6.410	99	854772	82.474	ng	0.00
23) Nitrobenzene-d5	7.334	82	518266	55.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	185069	68.770	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	859763	55.177	ng	-0.01
79) Terphenyl-d14	12.898	244	651176	46.792	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	50101	2.348	ng	97
75) Fluoranthene	12.516	202	107947	5.004	ng	99
78) Pyrene	12.745	202	93934	4.356	ng	99
81) Benzo(a)anthracene	13.945	228	49024	3.165	ng	96
83) Chrysene	13.980	228	55362	3.636	ng	98
88) Benzo(b)fluoranthene	14.992	252	76786m	4.819	ng	
90) Benzo(a)pyrene	15.357	252	53672	3.626	ng	97

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

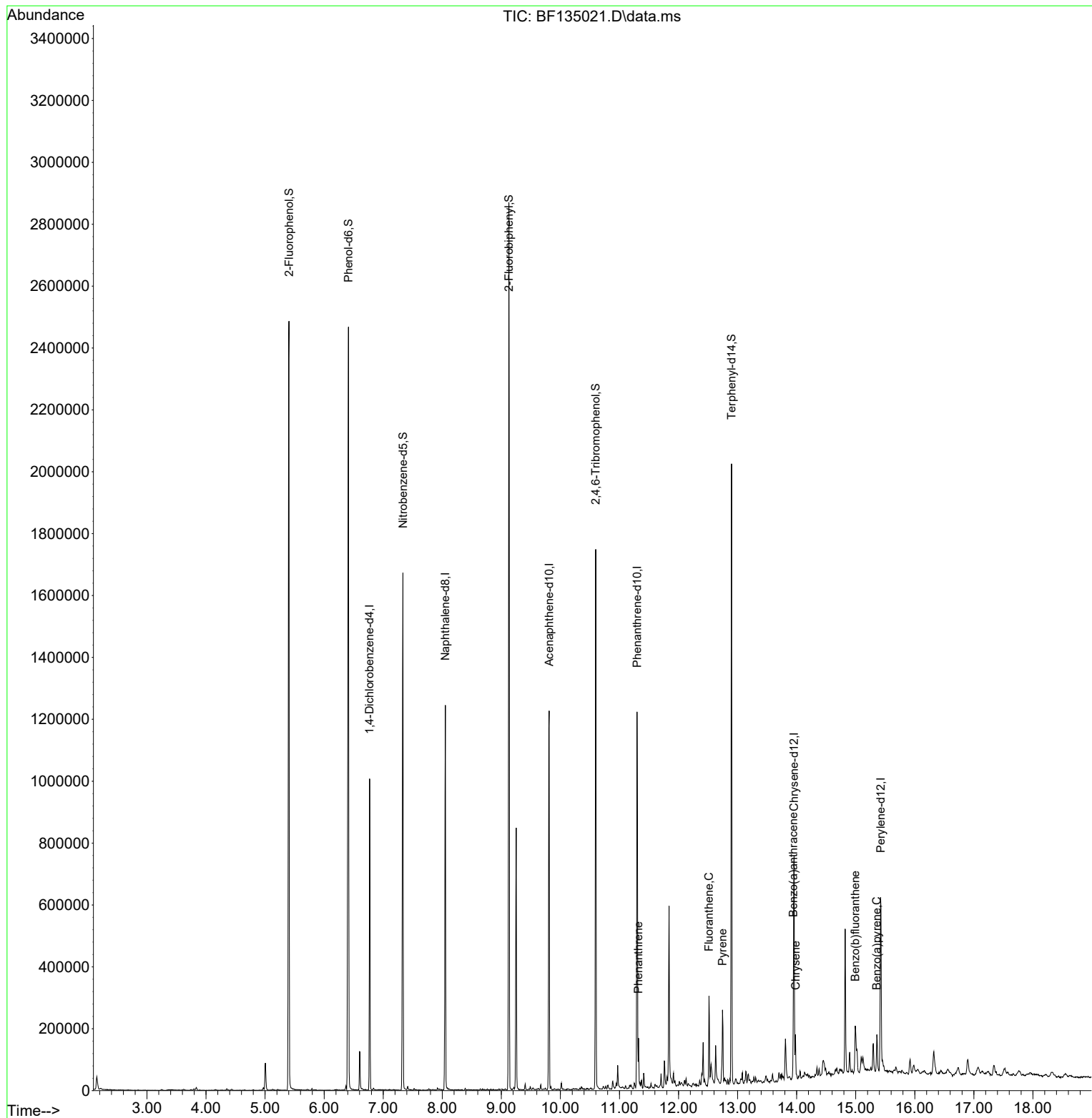
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135021.D
Acq On : 31 Aug 2023 00:16
Operator : CG\JU
Sample : 04196-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

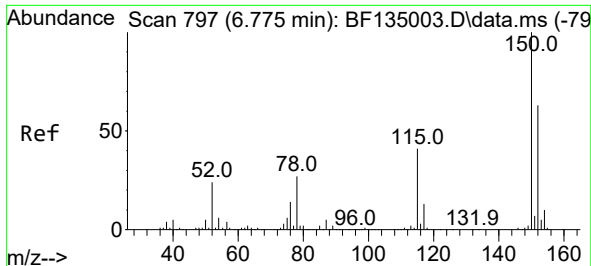
Instrument :
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OR-345-COMP-02

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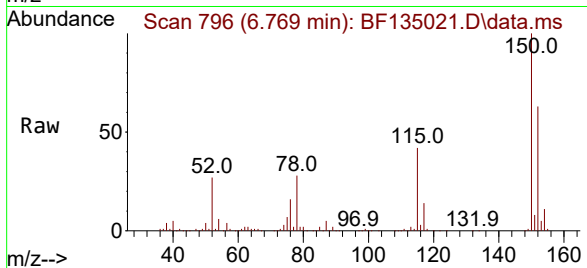
Quant Time: Aug 31 05:59:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

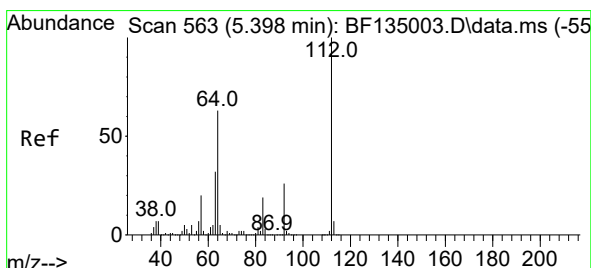
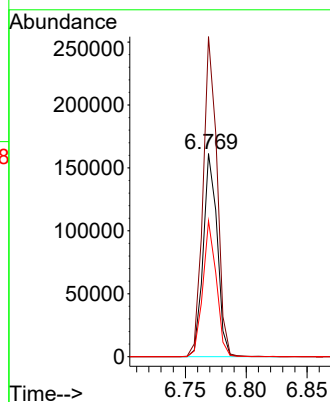
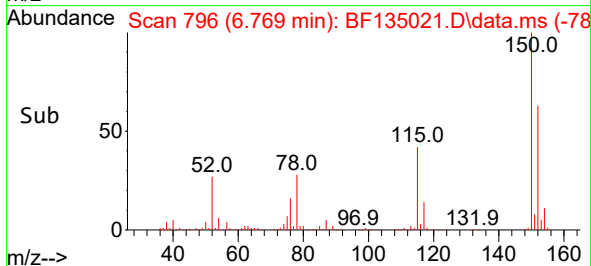
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



Tgt Ion:152 Resp: 128435
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.4
115 66.9 51.2 76.8

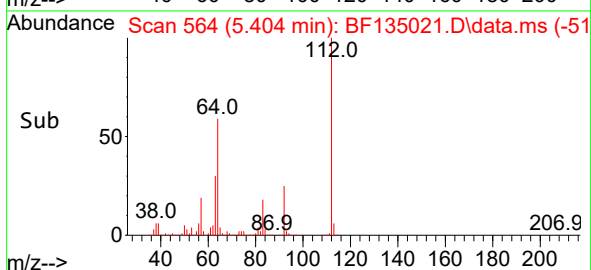
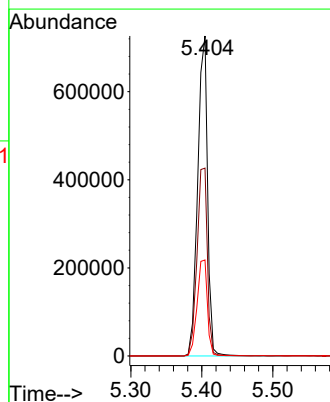
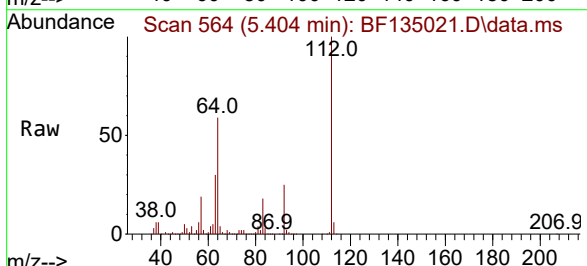
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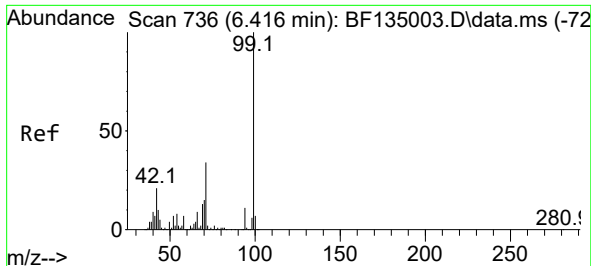
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#5
2-Fluorophenol
Concen: 84.503 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

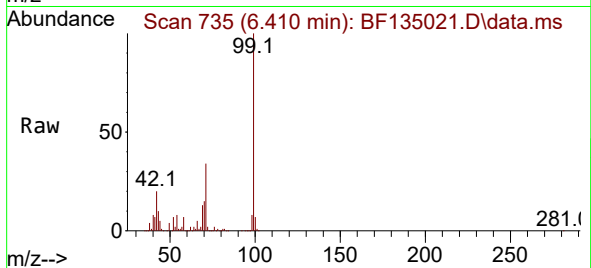
Tgt Ion:112 Resp: 702646
Ion Ratio Lower Upper
112 100
64 58.7 50.5 75.7
63 30.0 25.9 38.9





#7
Phenol-d6
Concen: 82.474 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

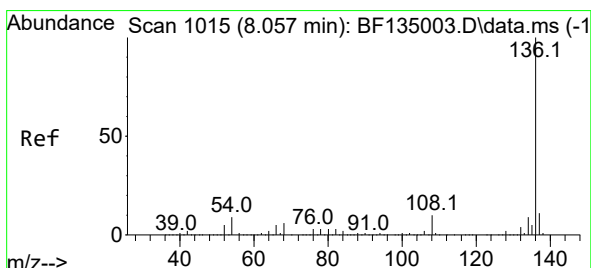
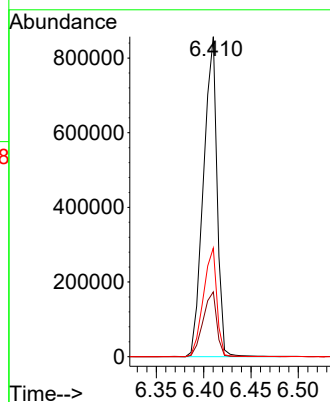
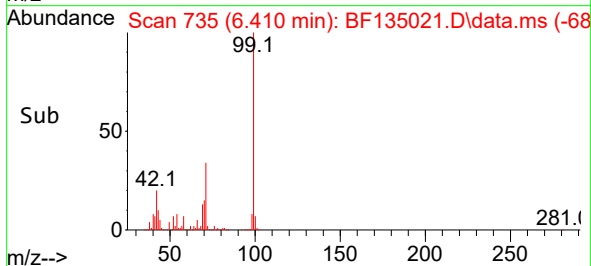
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



Tgt Ion: 99 Resp: 854772
Ion Ratio Lower Upper
99 100
42 20.2 16.6 25.0
71 33.9 27.0 40.6

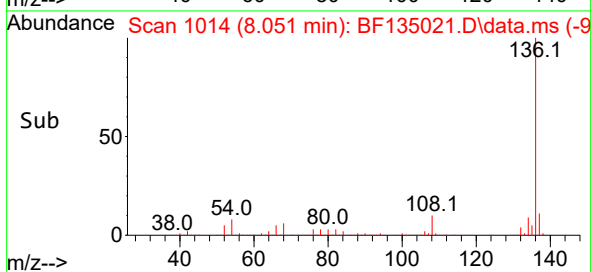
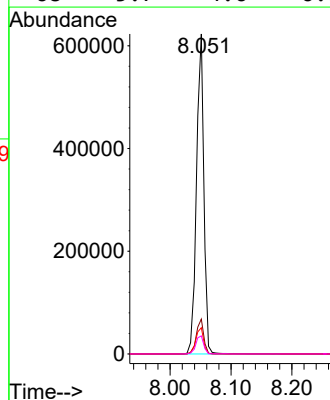
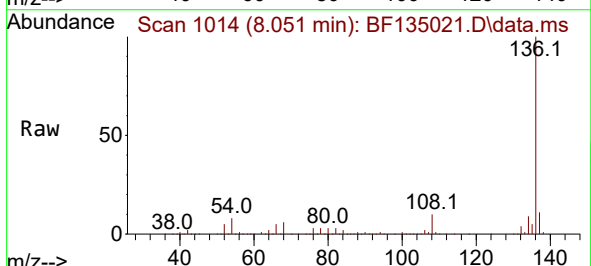
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Supervised By :mohammad ahmed 08/31/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

Tgt Ion:136 Resp: 523728
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.0 10.4
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.595 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135021.D

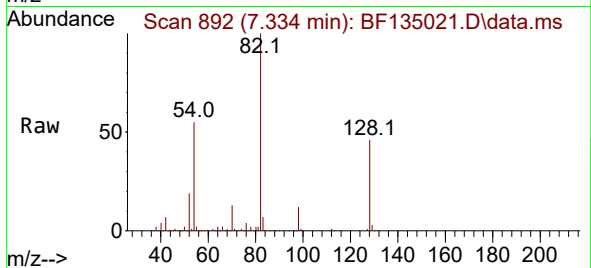
Acq: 31 Aug 2023 00:16

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-02



Tgt Ion: 82 Resp: 518260

Ion Ratio Lower Upper

82 100

128 45.9 37.8 56.8

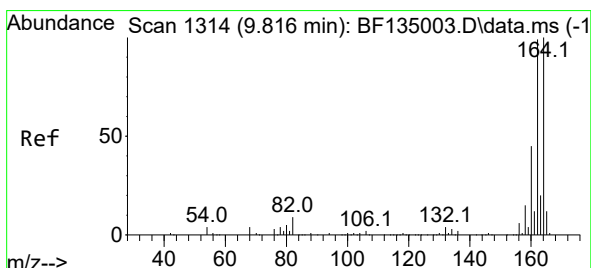
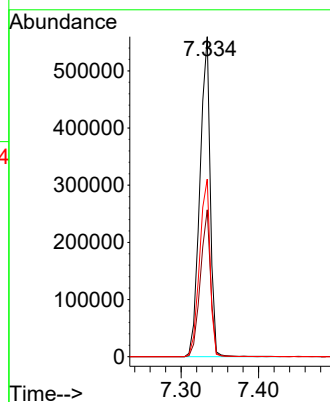
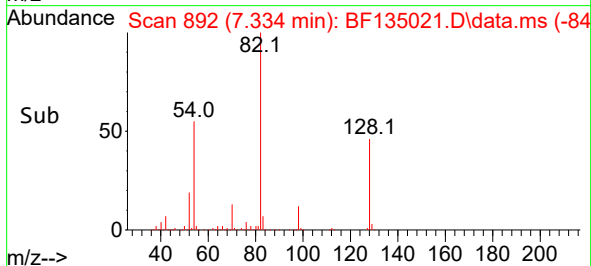
54 55.5 45.0 67.6

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135021.D

Acq: 31 Aug 2023 00:16

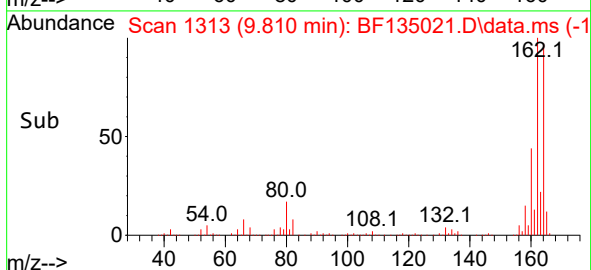
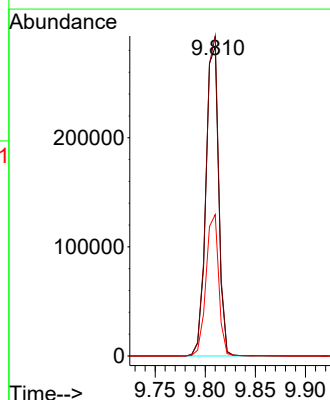
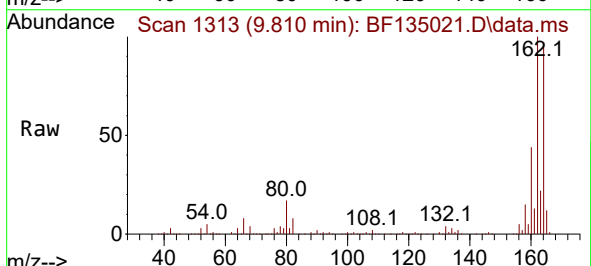
Tgt Ion:164 Resp: 253692

Ion Ratio Lower Upper

164 100

162 103.4 79.5 119.3

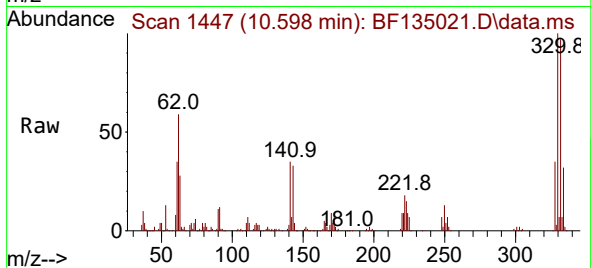
160 45.7 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 68.770 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

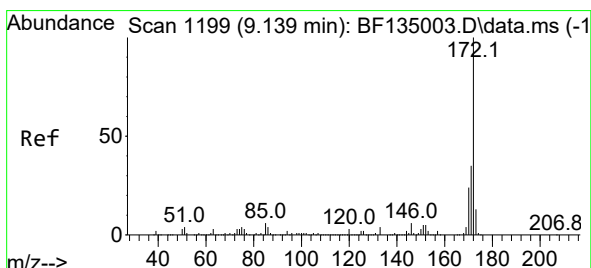
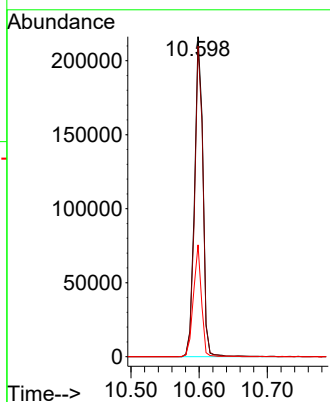
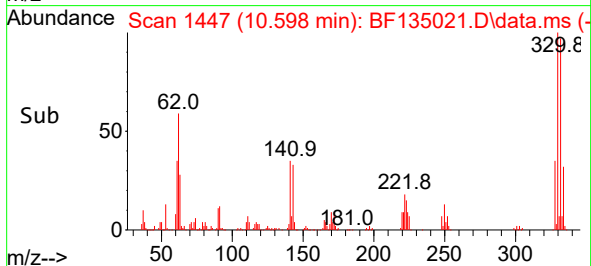
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



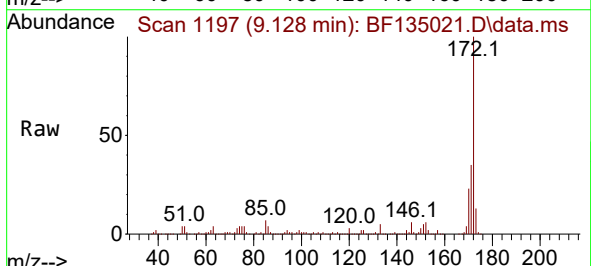
Tgt Ion:330 Resp: 185069
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 33.3 26.3 39.5

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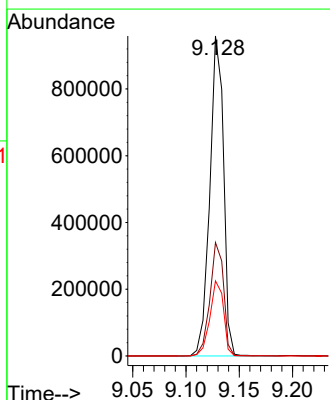
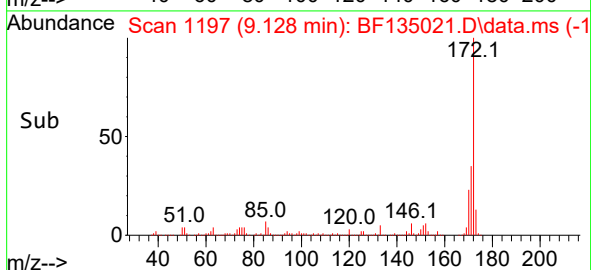
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

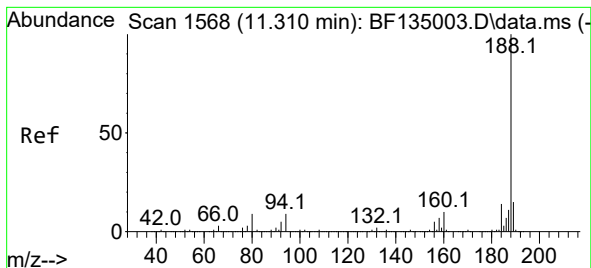


#45
2-Fluorobiphenyl
Concen: 55.177 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16



Tgt Ion:172 Resp: 859763
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135021.D

Acq: 31 Aug 2023 00:16

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-02

Tgt Ion:188 Resp: 41359

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.4

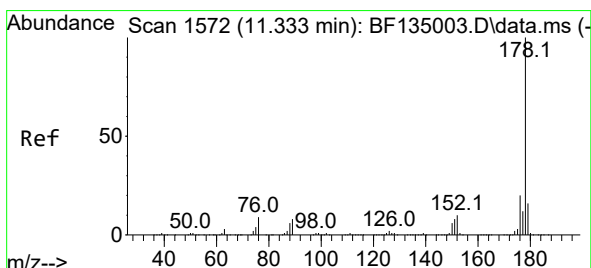
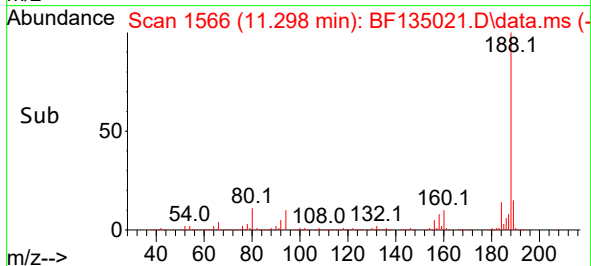
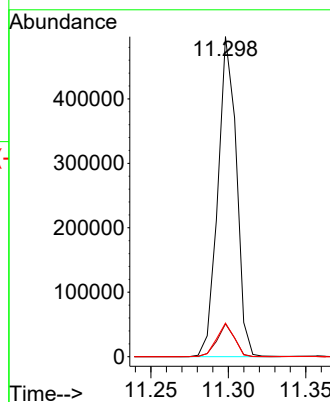
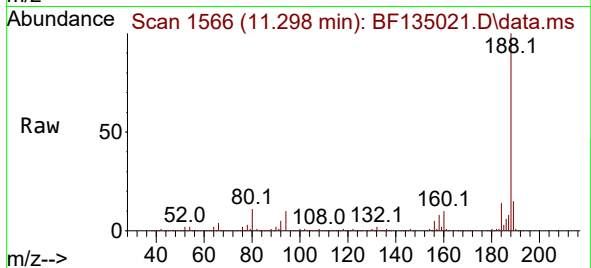
80 10.5 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#71

Phenanthrene

Concen: 2.348 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.012 min

Lab File: BF135021.D

Acq: 31 Aug 2023 00:16

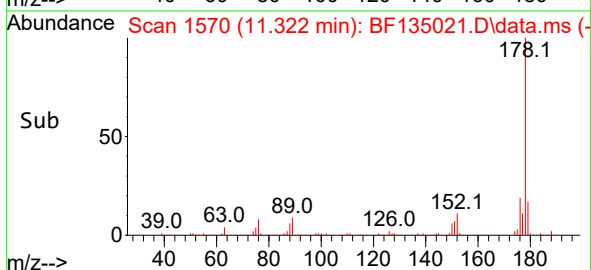
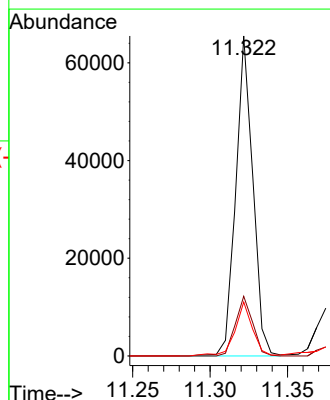
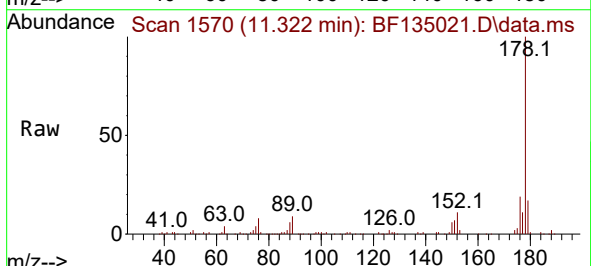
Tgt Ion:178 Resp: 50101

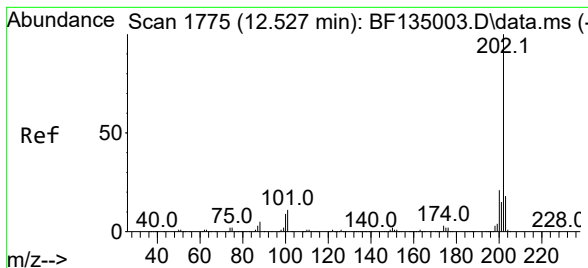
Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

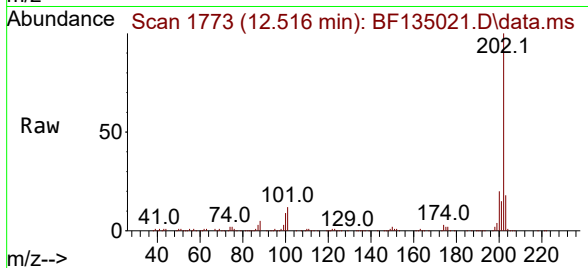
179 16.8 12.5 18.7





#75
Fluoranthene
Concen: 5.004 ng
RT: 12.516 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

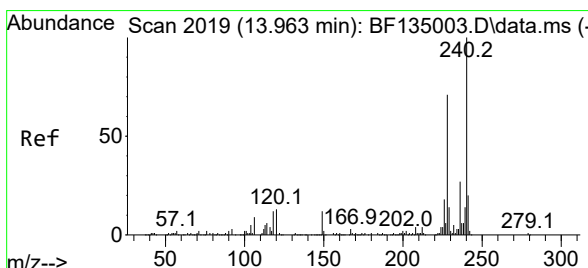
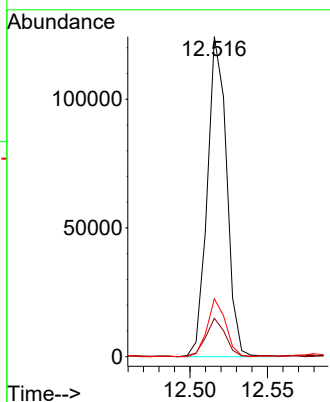
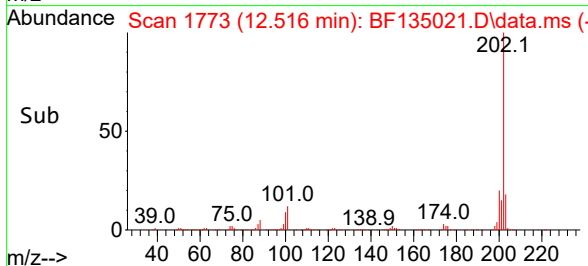
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



Tgt Ion:202 Resp: 10794
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.5
203 18.1 0.0 37.8

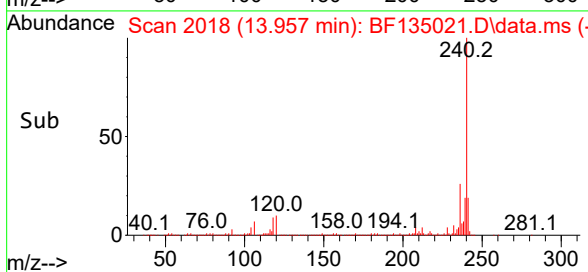
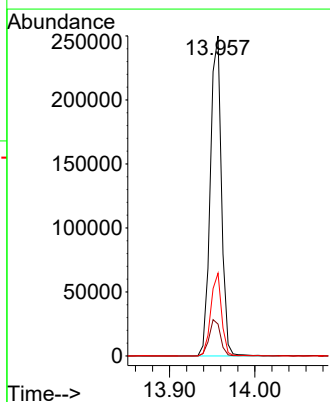
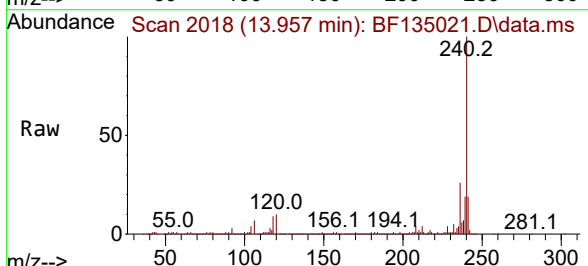
Manual Integrations
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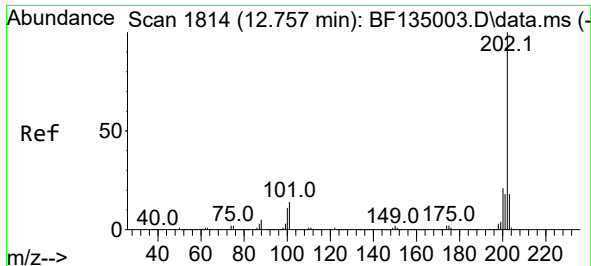
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

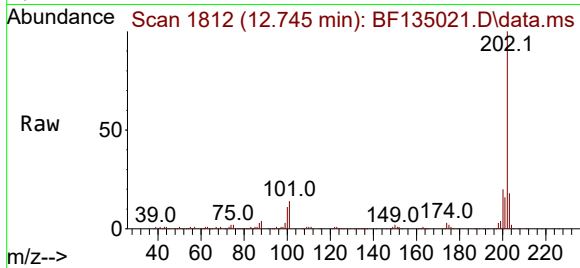
Tgt Ion:240 Resp: 227103
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.2#
236 25.9 21.3 31.9





#78
Pyrene
Concen: 4.356 ng
RT: 12.745 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

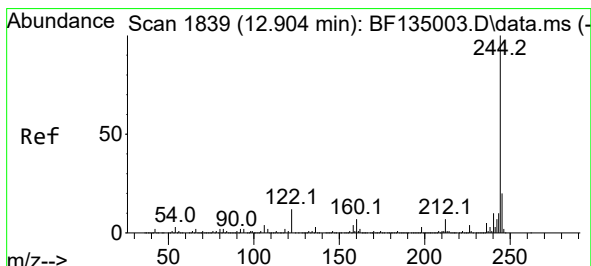
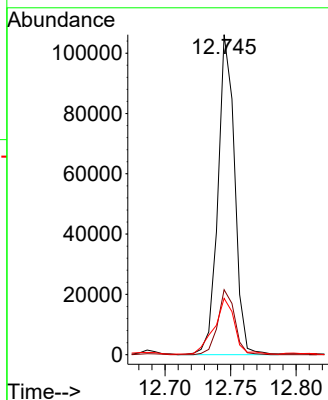
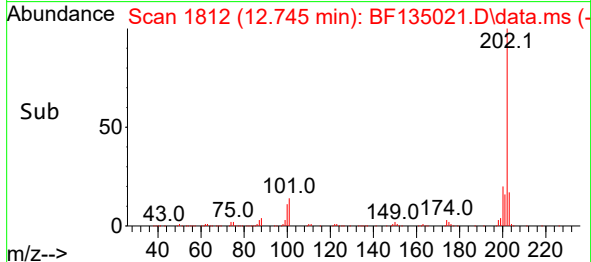
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



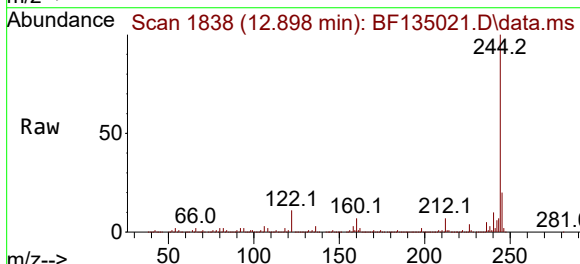
Tgt Ion:202 Resp: 93934
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.6
203 17.6 14.2 21.2

Manual Integrations
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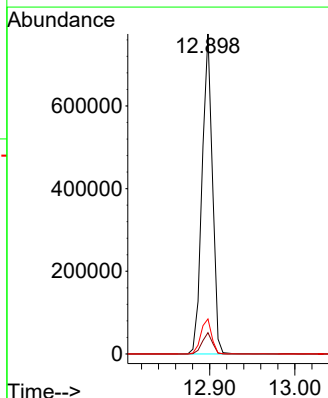
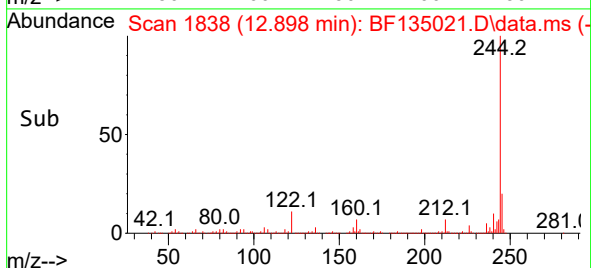
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

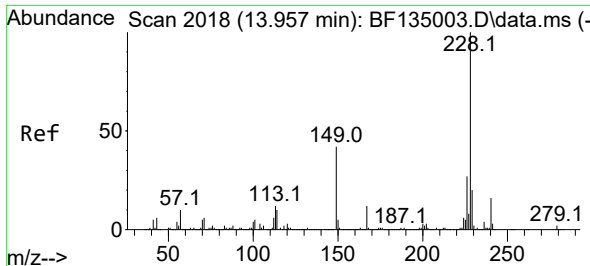


#79
Terphenyl-d14
Concen: 46.792 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16



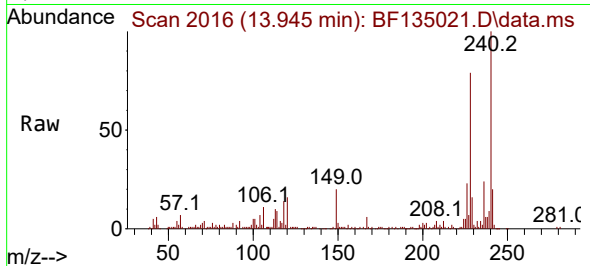
Tgt Ion:244 Resp: 651176
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.9 9.8 14.6





#81
Benzo(a)anthracene
Concen: 3.165 ng
RT: 13.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

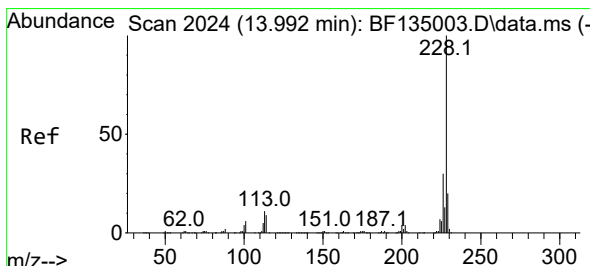
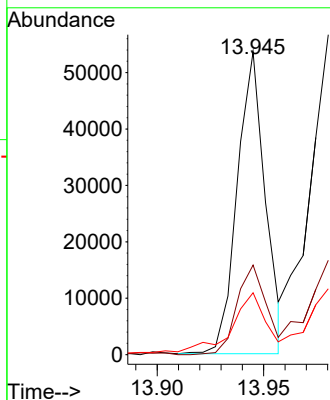
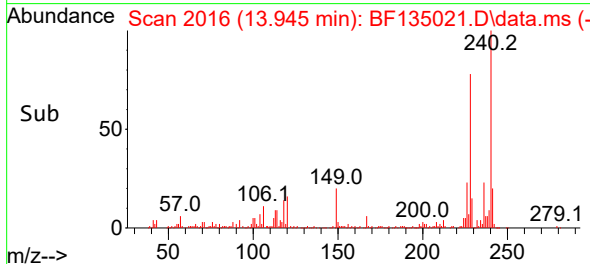
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



Tgt Ion:228 Resp: 49024
Ion Ratio Lower Upper
228 100
226 29.6 21.6 32.4
229 20.4 15.6 23.4

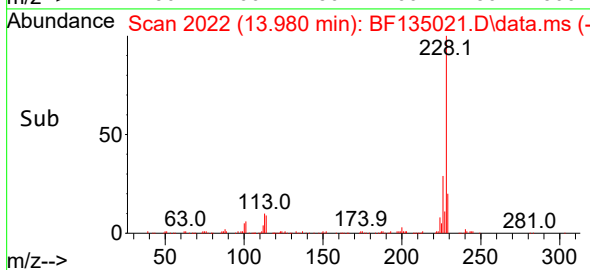
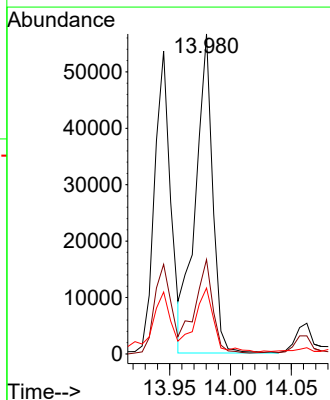
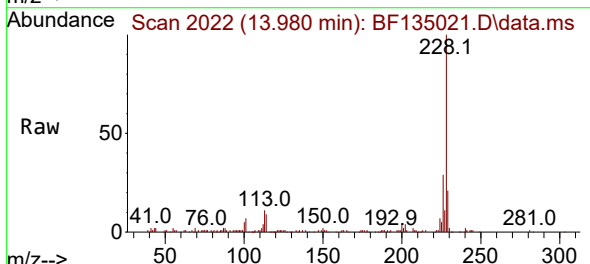
Manual Integrations
APPROVED

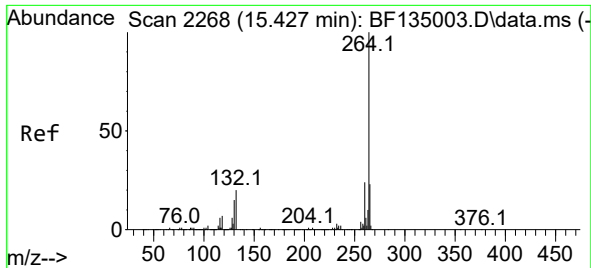
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#83
Chrysene
Concen: 3.636 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

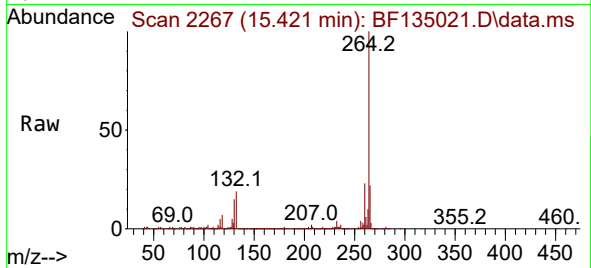
Tgt Ion:228 Resp: 55362
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.4
229 20.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

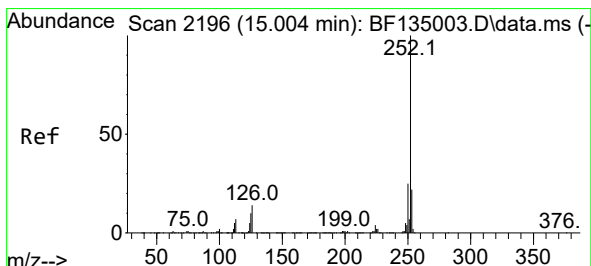
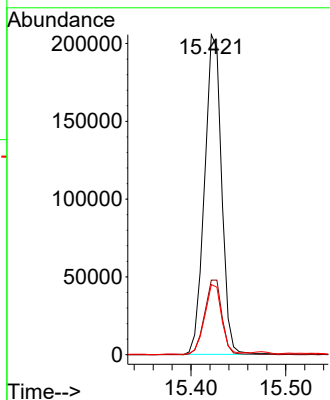
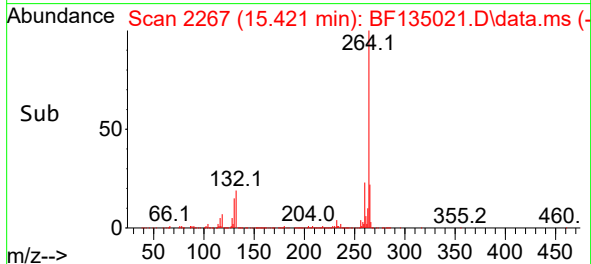
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



Tgt Ion:264 Resp: 256098
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.9 18.2 27.2

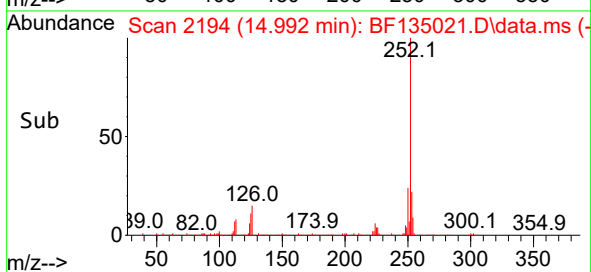
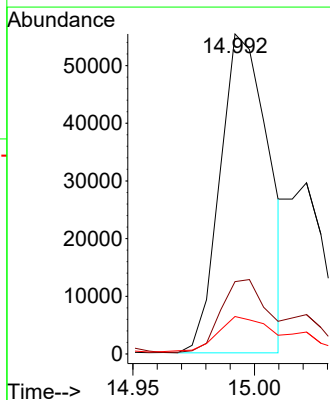
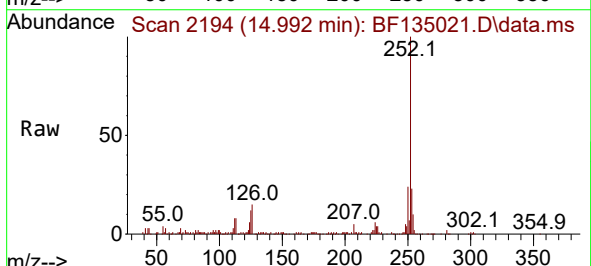
Manual Integrations
APPROVED

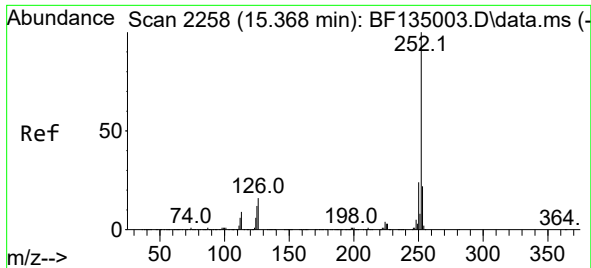
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#88
Benzo(b)fluoranthene
Concen: 4.819 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

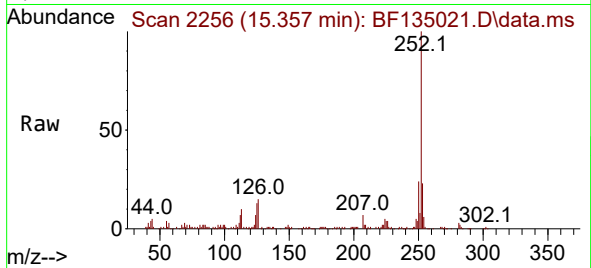
Tgt Ion:252 Resp: 76786
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.7 8.4 12.6





#90
Benzo(a)pyrene
Concen: 3.626 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135021.D
Acq: 31 Aug 2023 00:16

Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-02



Tgt Ion:252 Resp: 53672
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 13.3 9.5 14.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

