

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135033.D
 Acq On : 31 Aug 2023 06:36
 Operator : CG\JU
 Sample : 04183-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-082523

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 07:04:20 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	6.775	152	127605	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	480054	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	198048	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	310365	20.000	ng	0.00
76) Chrysene-d12	13.957	240	245870	20.000	ng	0.00
86) Perylene-d12	15.433	264	175734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	565308	68.429	ng	0.00
7) Phenol-d6	6.410	99	668373	64.909	ng	0.00
23) Nitrobenzene-d5	7.334	82	403041	47.168	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	121465	57.816	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	624445	51.334	ng	-0.01
79) Terphenyl-d14	12.898	244	513787	34.101	ng	0.00
Target Compounds						
71) Phenanthrene	11.327	178	40450	2.526	ng	99
75) Fluoranthene	12.522	202	72082	4.453	ng	99
78) Pyrene	12.751	202	71810	3.076	ng	96
83) Chrysene	13.986	228	33542	2.035	ng	96
88) Benzo(b)fluoranthene	14.998	252	24927m	2.280	ng	

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

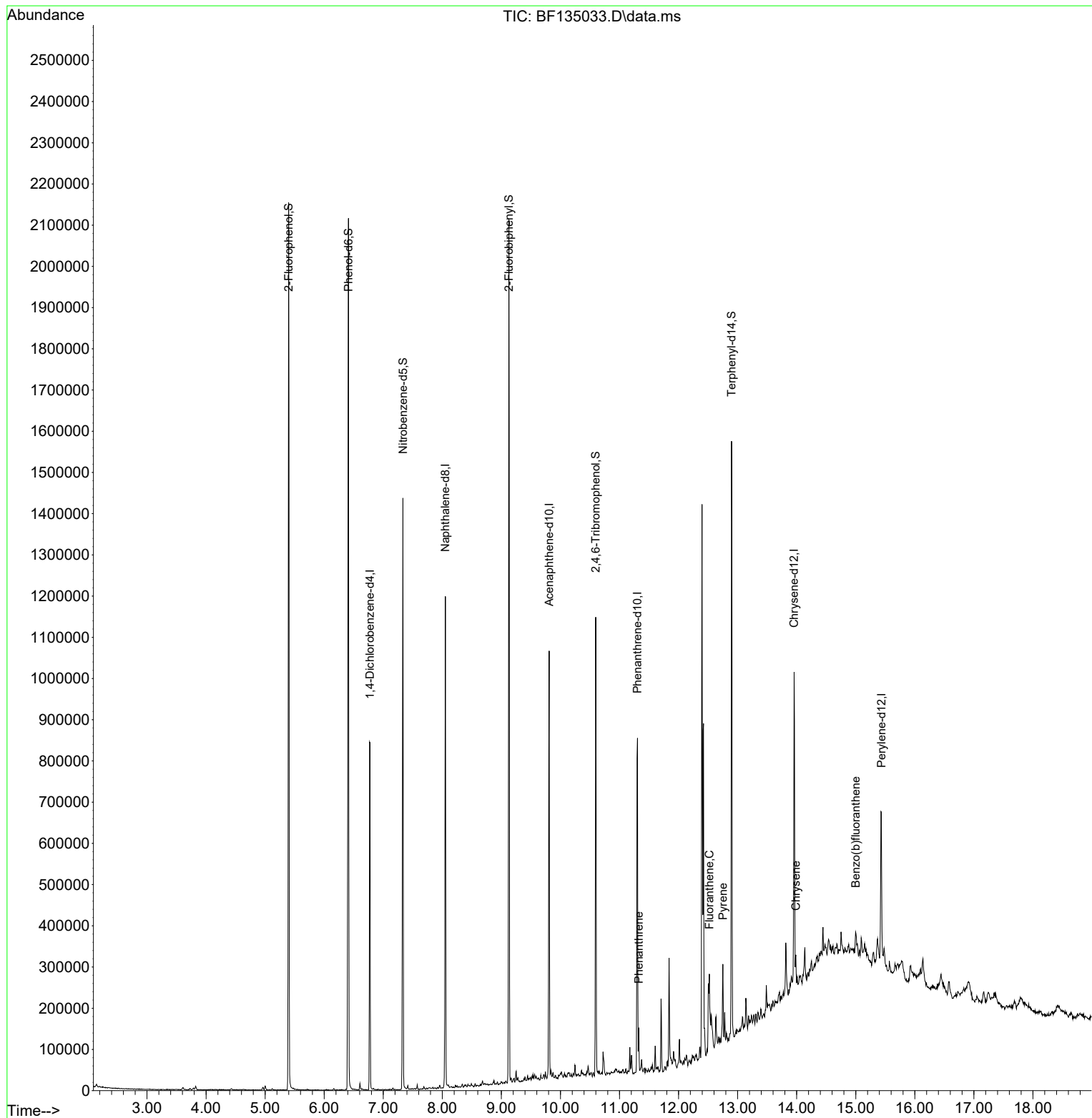
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135033.D
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ALS Vial : 21 Sample Multiplier: 1

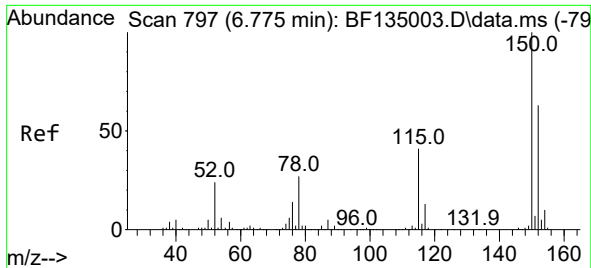
Instrument :
BNA_F
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HR-02-082523

Quant Time: Aug 31 07:04:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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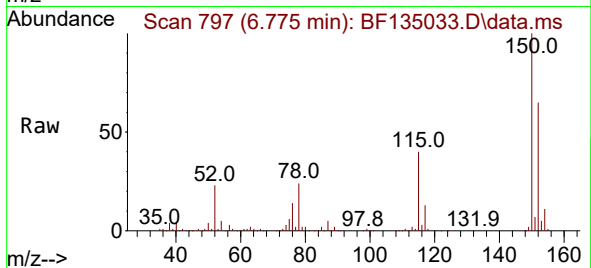
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

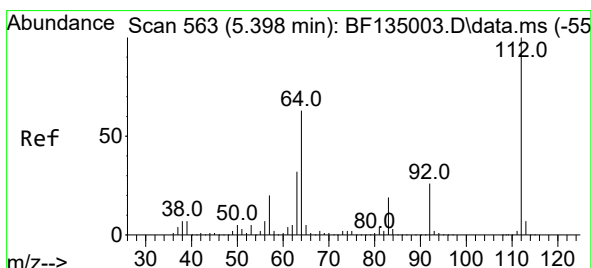
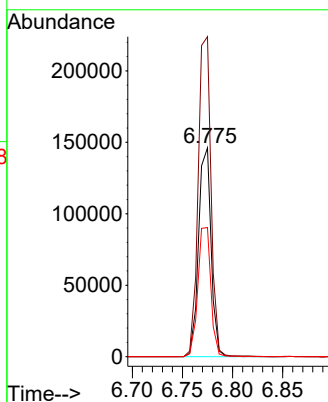
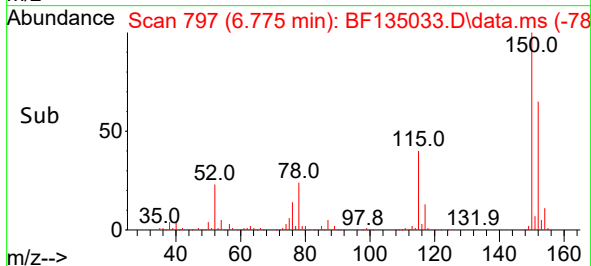
Instrument :
BNA_F
ClientSampleId :
HR-02-082523



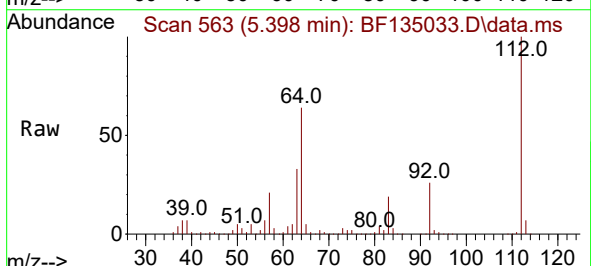
Tgt Ion:152 Resp: 127608
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.4
115 61.8 51.2 76.8

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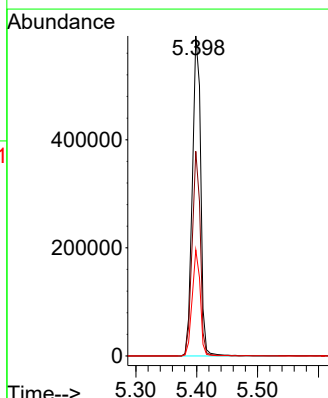
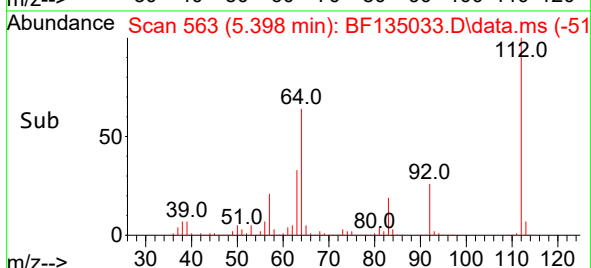
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

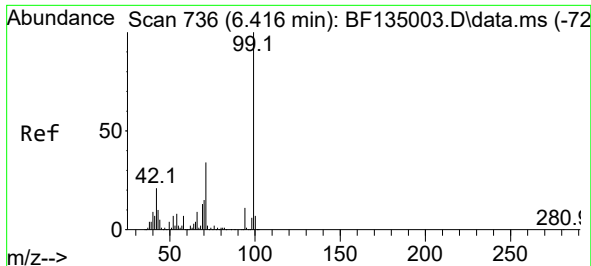


#5
2-Fluorophenol
Concen: 68.429 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36



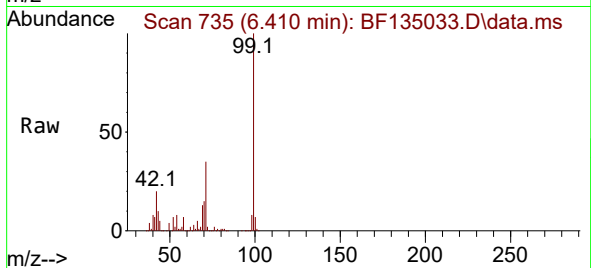
Tgt Ion:112 Resp: 565308
Ion Ratio Lower Upper
112 100
64 64.0 50.5 75.7
63 33.2 25.9 38.9





#7
Phenol-d6
Concen: 64.909 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

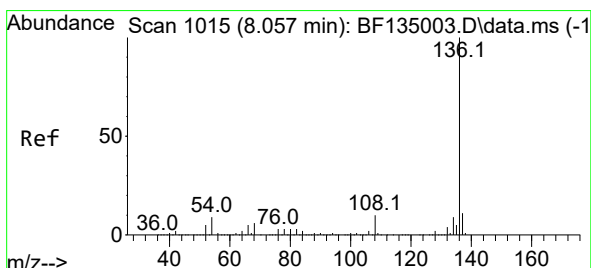
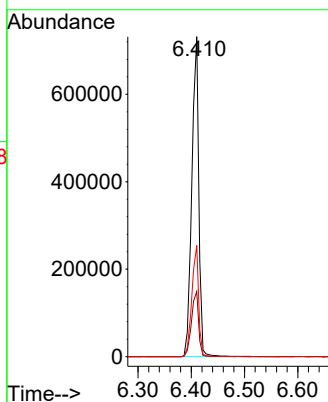
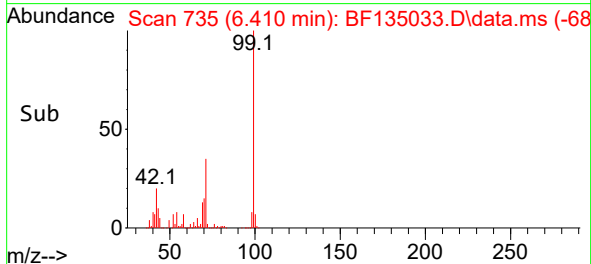
Instrument :
BNA_F
ClientSampleId :
HR-02-082523



Tgt Ion: 99 Resp: 66837
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 34.7 27.0 40.6

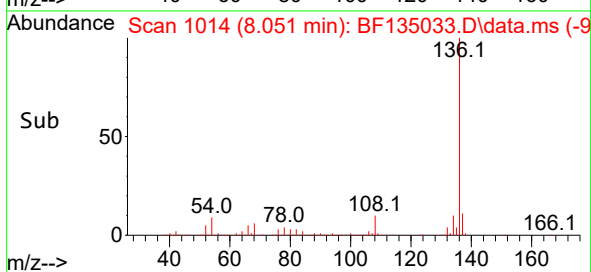
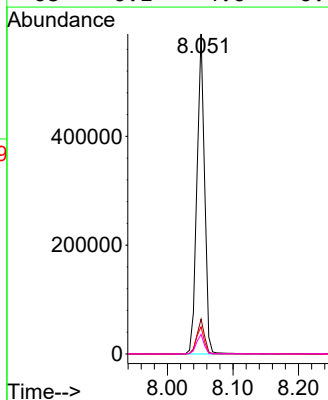
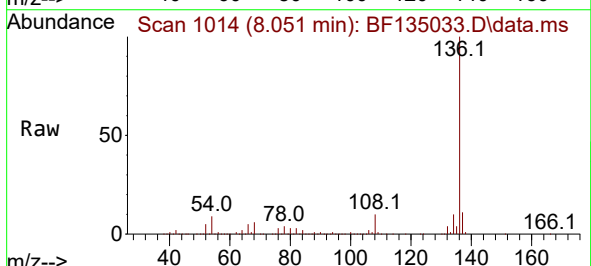
Manual Integrations
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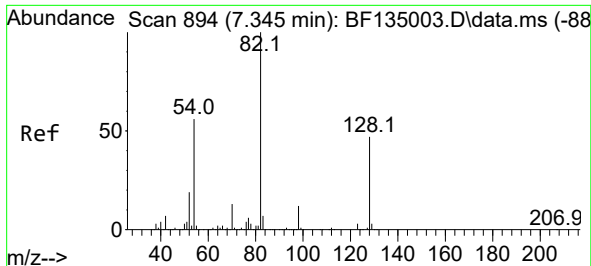
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

Tgt Ion:136 Resp: 480054
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 7.0 10.4
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 47.168 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135033.D

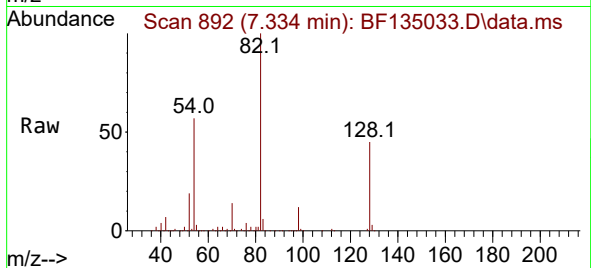
Acq: 31 Aug 2023 06:36

Instrument :

BNA_F

ClientSampleId :

HR-02-082523



Tgt Ion: 82 Resp: 40304

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

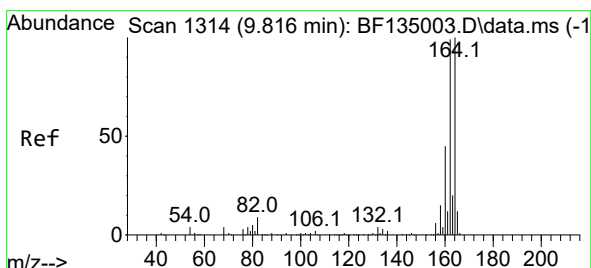
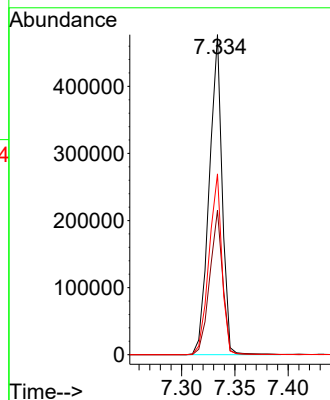
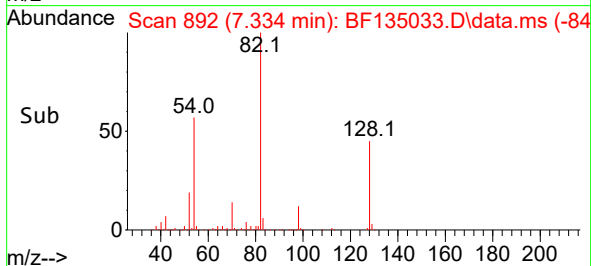
54 56.5 45.0 67.6

Manual Integrations

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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: BF135033.D

Acq: 31 Aug 2023 06:36

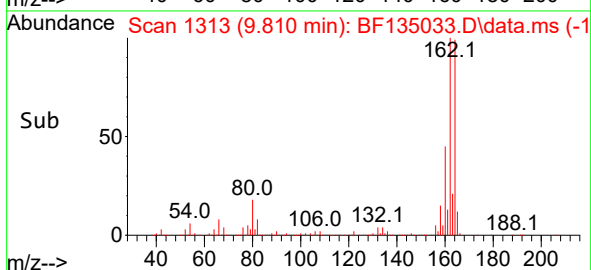
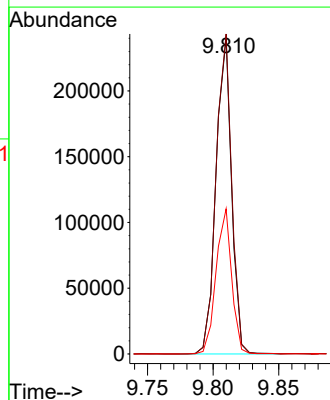
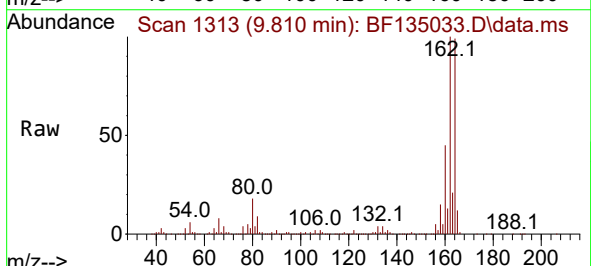
Tgt Ion:164 Resp: 198048

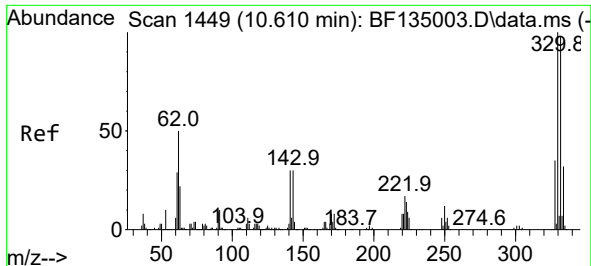
Ion Ratio Lower Upper

164 100

162 101.3 79.5 119.3

160 45.9 36.0 54.0





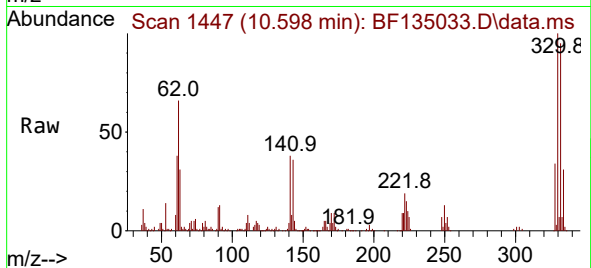
#42
2,4,6-Tribromophenol
Concen: 57.816 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

Instrument :

BNA_F

ClientSampleId :

HR-02-082523



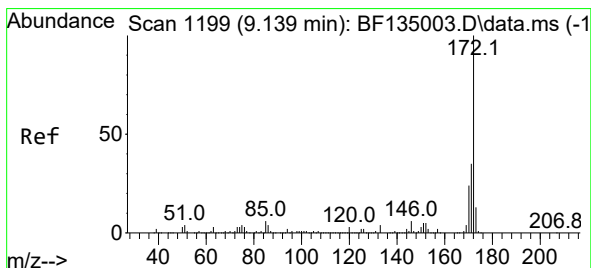
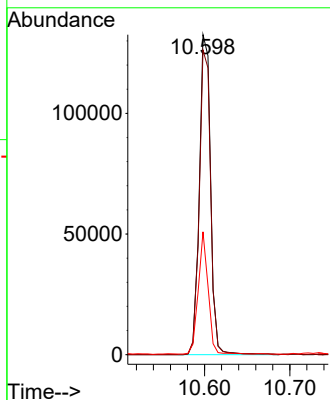
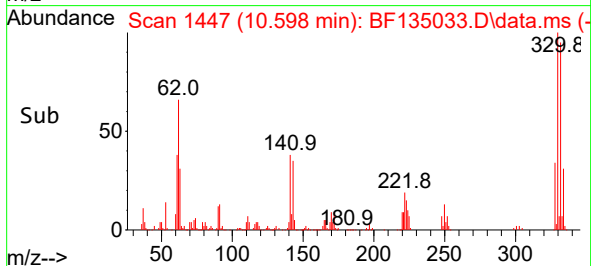
Tgt Ion:330 Resp: 121465
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 33.5 26.3 39.5

Manual Integrations

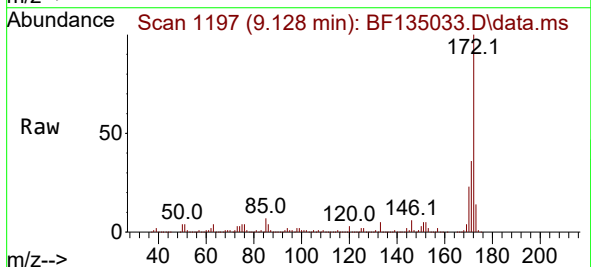
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Reviewed By :Yogesh Patel 08/31/2023

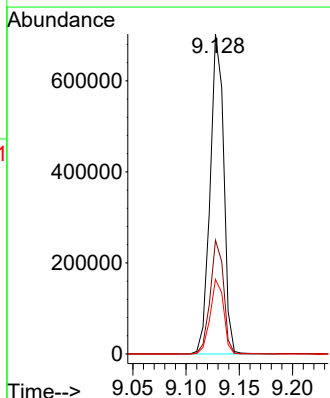
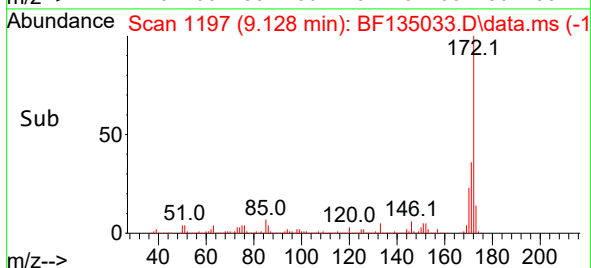
Supervised By :mohammad ahmed 08/31/2023

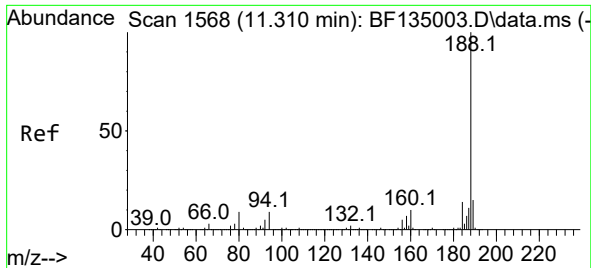


#45
2-Fluorobiphenyl
Concen: 51.334 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36



Tgt Ion:172 Resp: 624445
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.3 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

Instrument :

BNA_F

ClientSampleId :

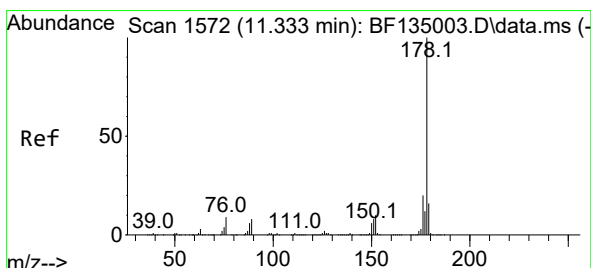
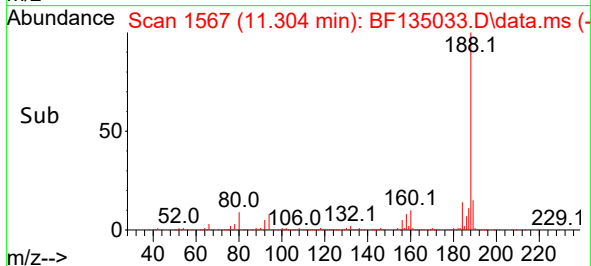
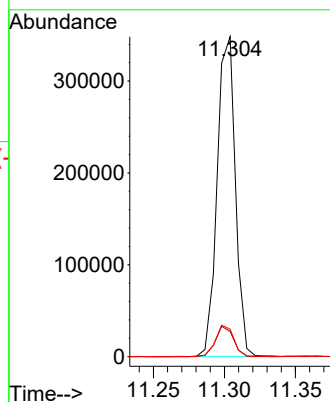
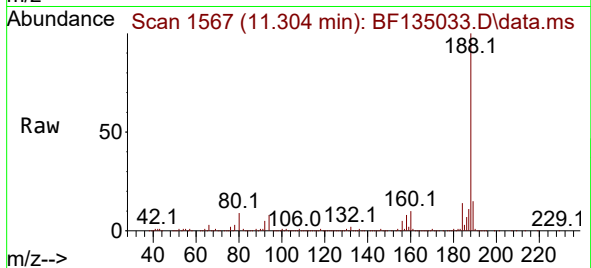
HR-02-082523

Tgt Ion:188 Resp: 31036
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 8.6 7.4 11.2

Manual Integrations

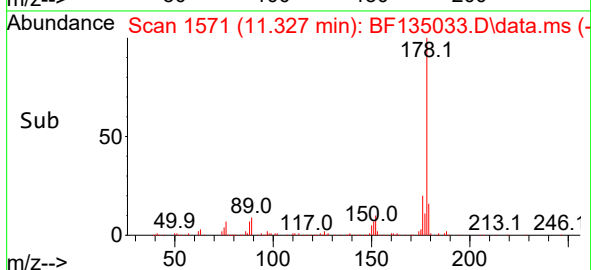
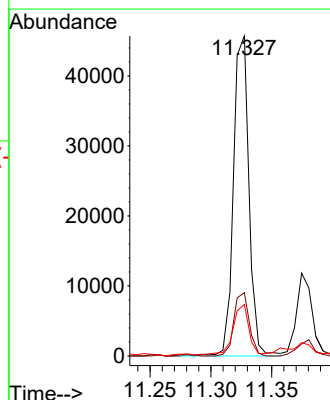
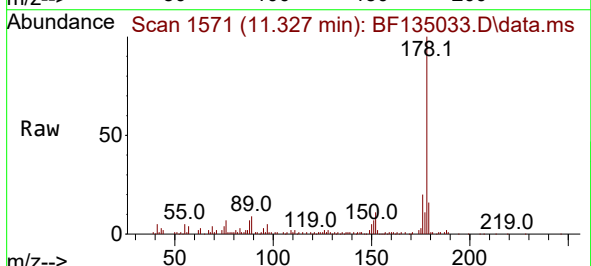
APPROVED

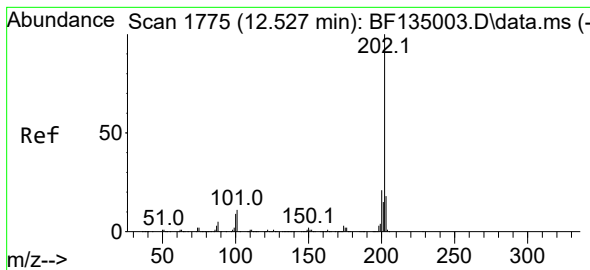
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#71
Phenanthrene
Concen: 2.526 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

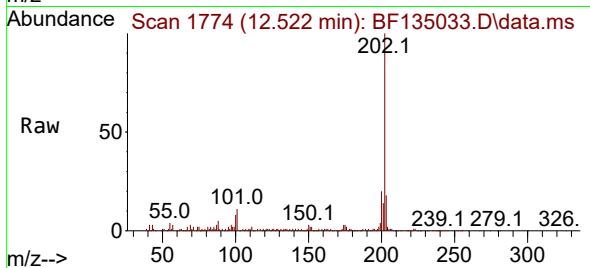
Tgt Ion:178 Resp: 40450
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.1 12.5 18.7





#75
Fluoranthene
Concen: 4.453 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

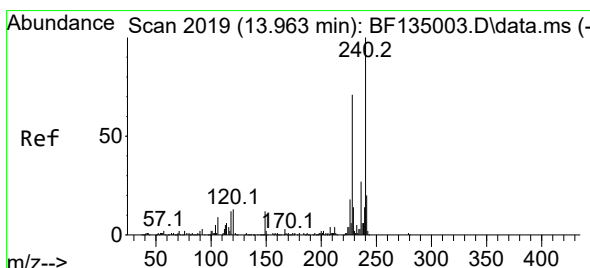
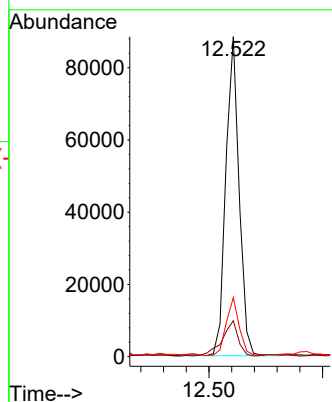
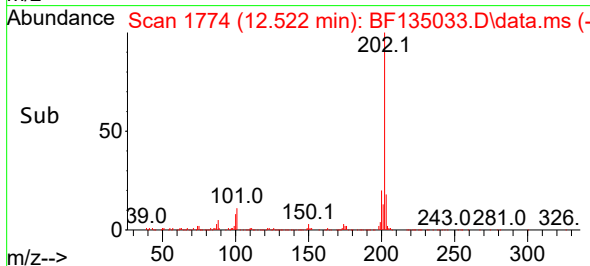
Instrument :
BNA_F
ClientSampleId :
HR-02-082523



Tgt Ion:202 Resp: 7208
Ion Ratio Lower Upper
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101 11.3 0.0 31.5
203 18.5 0.0 37.8

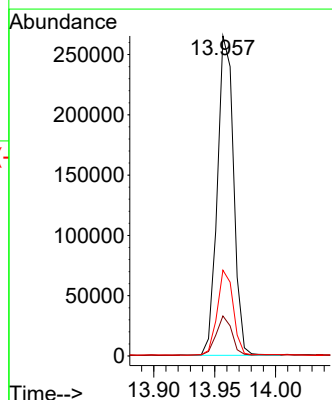
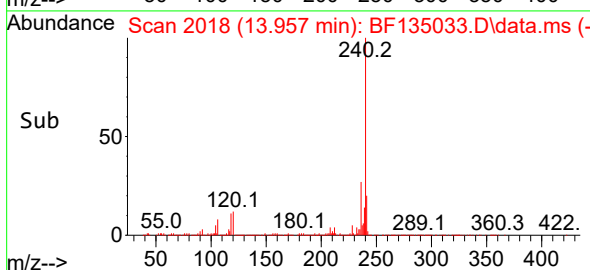
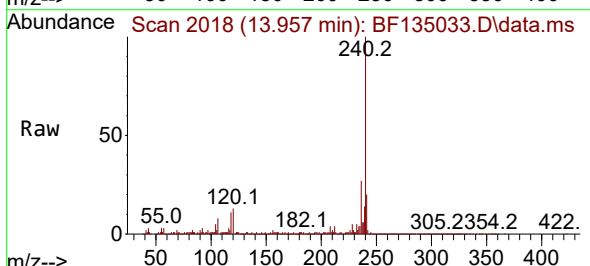
Manual Integrations
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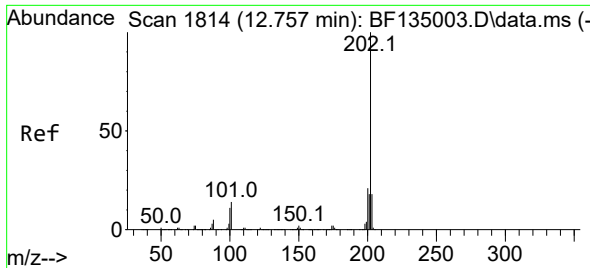
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

Tgt Ion:240 Resp: 245870
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.2
236 26.8 21.3 31.9





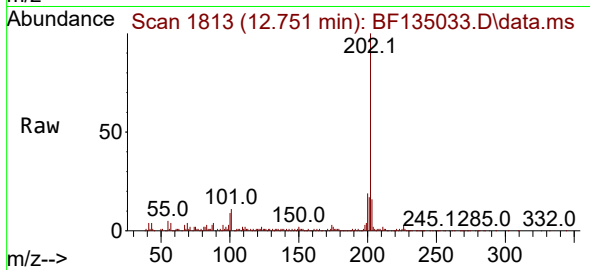
#78
Pyrene
Concen: 3.076 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

Instrument :

BNA_F

ClientSampleId :

HR-02-082523



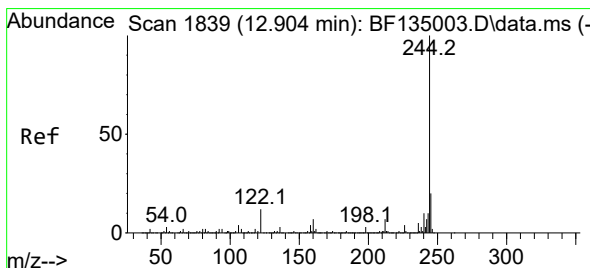
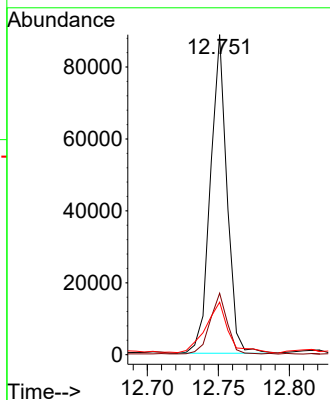
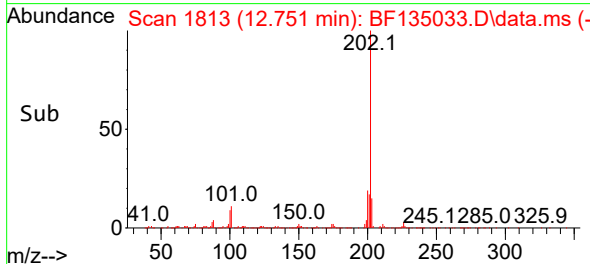
Tgt Ion:202 Resp: 71810
Ion Ratio Lower Upper
202 100
200 19.2 17.0 25.6
203 16.4 14.2 21.2

Manual Integrations

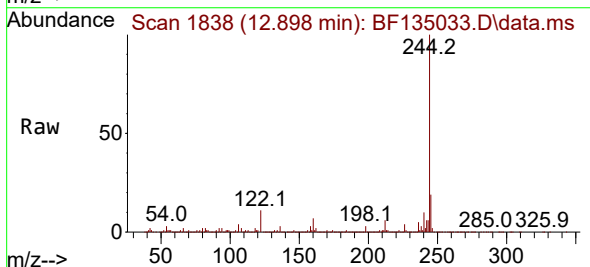
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Reviewed By :Yogesh Patel 08/31/2023

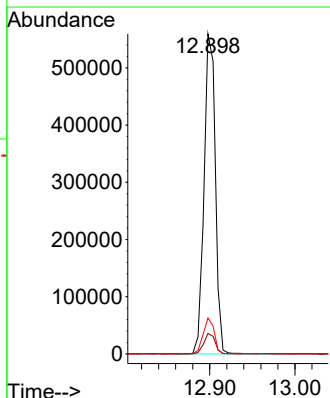
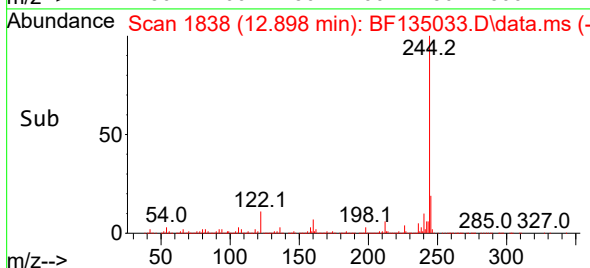
Supervised By :mohammad ahmed 08/31/2023

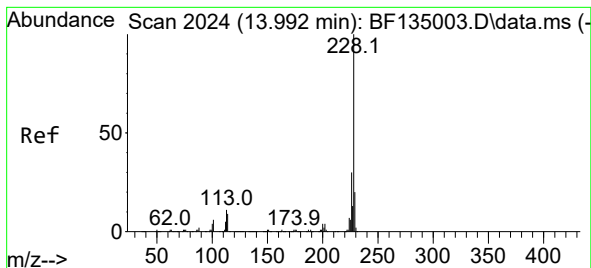


#79
Terphenyl-d14
Concen: 34.101 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36



Tgt Ion:244 Resp: 513787
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 11.2 9.8 14.6





#83

Chrysene

Concen: 2.035 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135033.D

Acq: 31 Aug 2023 06:36

Instrument :

BNA_F

ClientSampleId :

HR-02-082523

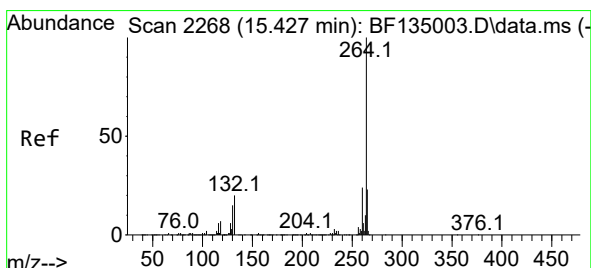
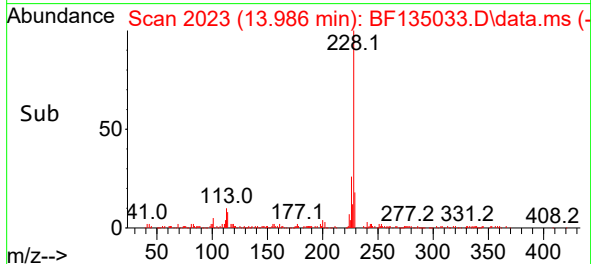
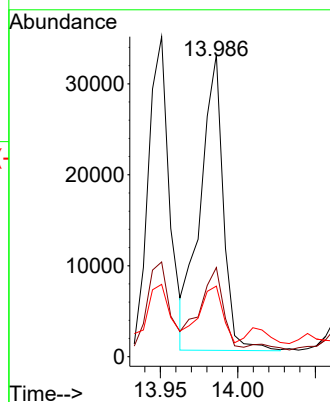
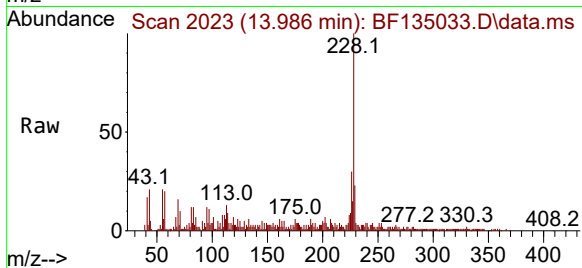
Tgt Ion:228	Resp:	3354
Ion Ratio	Lower	Upper
228	100	
226	29.5	24.2 36.4
229	23.4	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#86

Perylene-d12

Concen: 20.000 ng

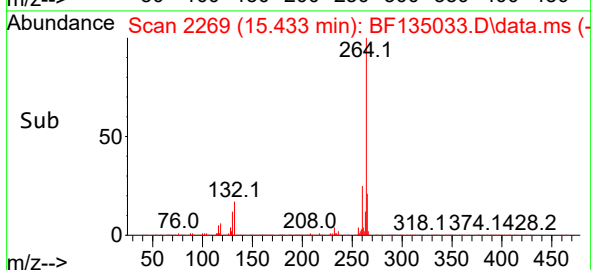
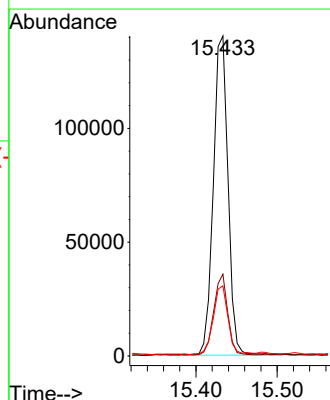
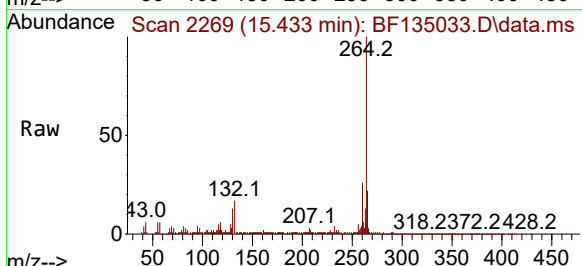
RT: 15.433 min Scan# 2269

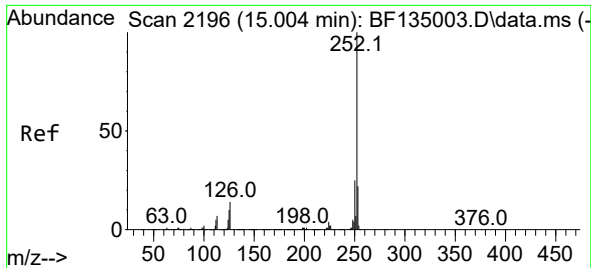
Delta R.T. 0.006 min

Lab File: BF135033.D

Acq: 31 Aug 2023 06:36

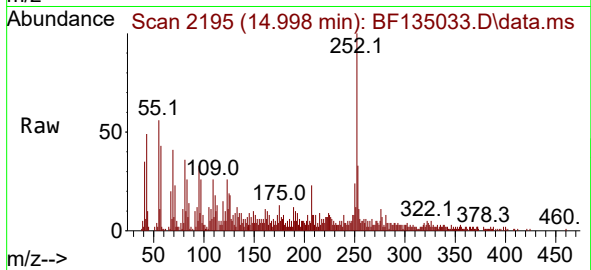
Tgt Ion:264	Resp:	175734
Ion Ratio	Lower	Upper
264	100	
260	25.5	19.0 28.6
265	21.9	18.2 27.2





#88
Benzo(b)fluoranthene
Concen: 2.280 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF135033.D
Acq: 31 Aug 2023 06:36

Instrument :
BNA_F
ClientSampleId :
HR-02-082523



Tgt Ion:252 Resp: 2492
Ion Ratio Lower Upper
252 100
253 33.3 17.8 26.8
125 19.5 8.4 12.6

Manual Integrations
APPROVED

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

