

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137435.D
 Acq On : 28 Feb 2024 21:19
 Operator : CG\JU
 Sample : P1538-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03

Quant Time: Feb 29 03:17:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	131239	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	541629	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	329974	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	626447	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	423879	20.000	ng	-0.01
86) Perylene-d12	15.457	264	395853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	524880	61.712	ng	-0.02
7) Phenol-d6	6.416	99	1211076	96.797	ng	-0.02
23) Nitrobenzene-d5	7.339	82	863848	79.625	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	141440	49.223	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1512631	71.367	ng	-0.02
79) Terphenyl-d14	12.915	244	1959107	64.645	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	77876	2.308	ng	99
78) Pyrene	12.763	202	104953	2.619	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	16228	2.440	ng	95
88) Benzo(b)fluoranthene	15.021	252	49493m	2.038	ng	
92) Benzo(g,h,i)perylene	17.415	276	17769	2.802	ng	95

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

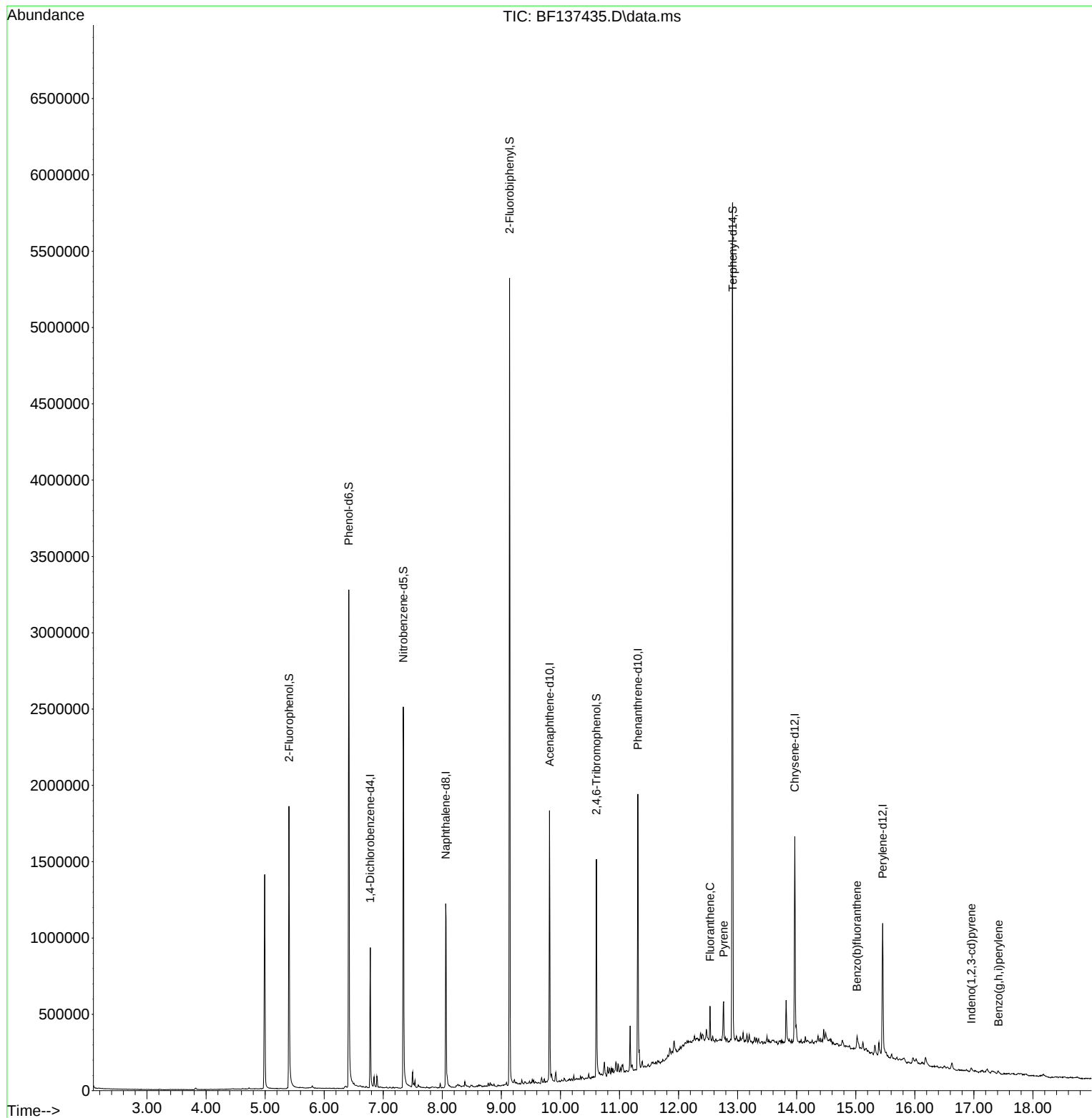
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137435.D
Acq On : 28 Feb 2024 21:19
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ALS Vial : 16 Sample Multiplier: 1

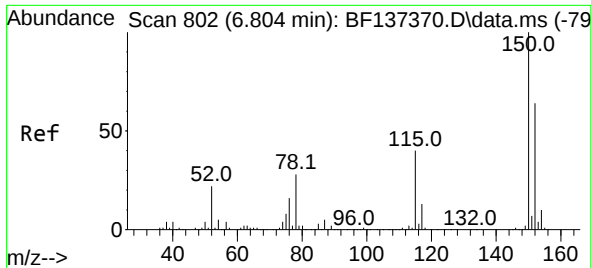
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20241104-AMENDED-COMPOSITE-35N-N-4-03

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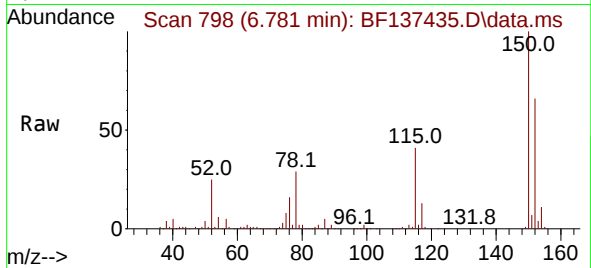
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

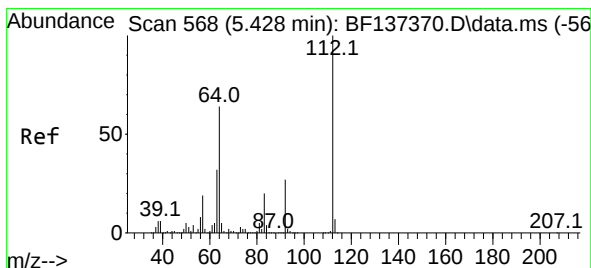
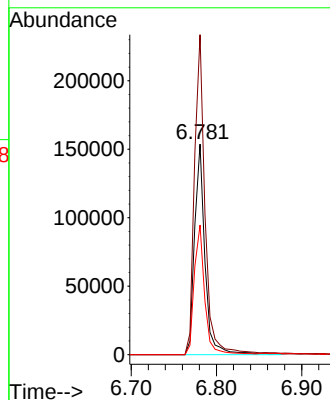
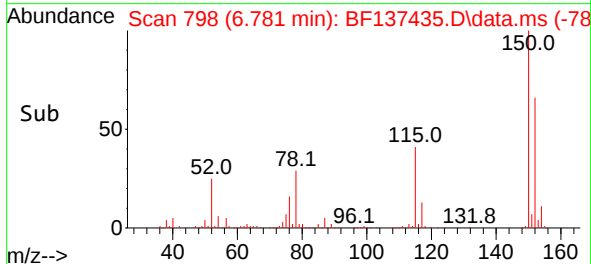


Tgt Ion:152 Resp: 131239
Ion Ratio Lower Upper
152 100
150 151.9 125.7 188.5
115 61.6 49.8 74.8

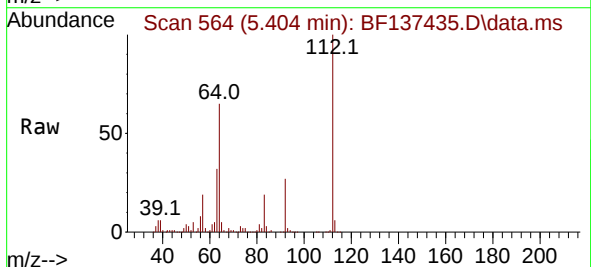
Manual Integrations

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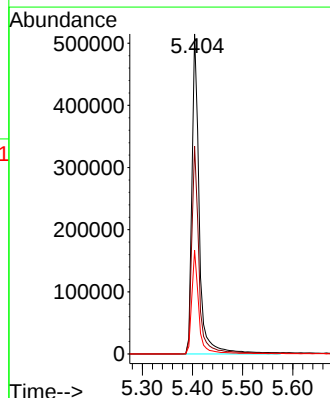
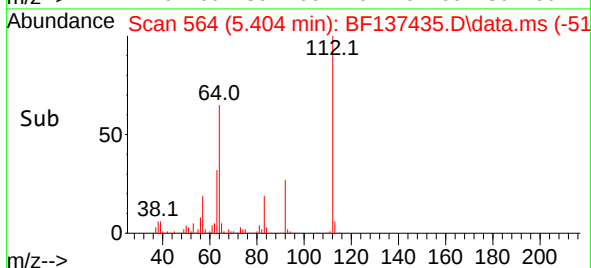
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

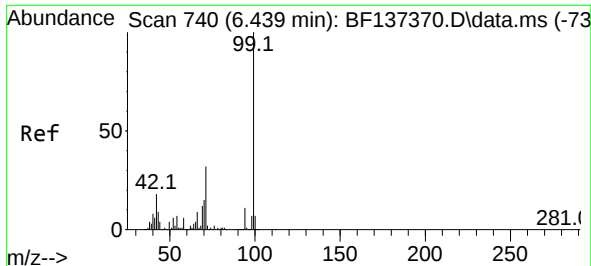


#5
2-Fluorophenol
Concen: 61.712 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.024 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19



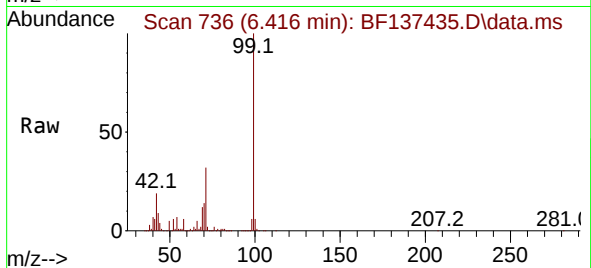
Tgt Ion:112 Resp: 524880
Ion Ratio Lower Upper
112 100
64 64.9 51.0 76.6
63 32.4 25.7 38.5





#7
Phenol-d6
Concen: 96.797 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

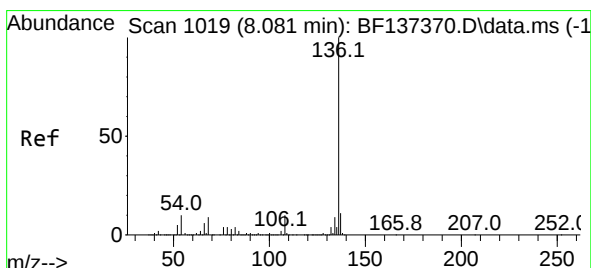
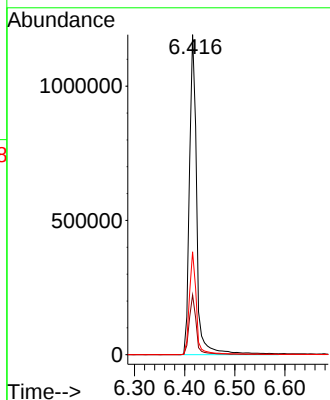
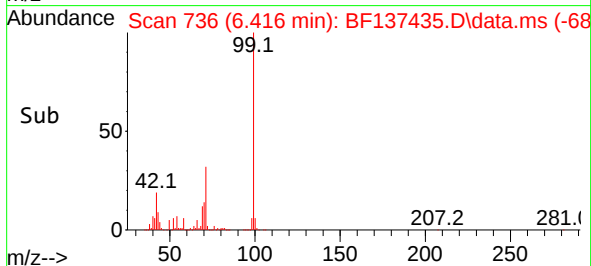
Instrument :
BNA_F
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03



Tgt Ion: 99 Resp: 1211070
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 32.2 25.2 37.8

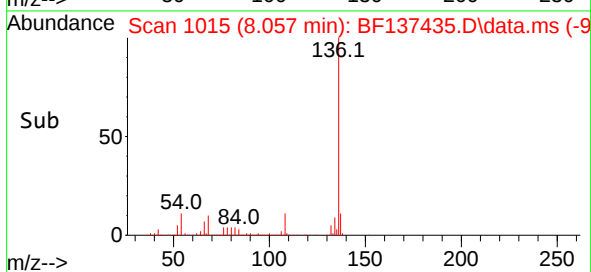
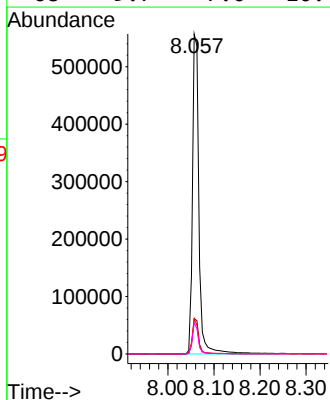
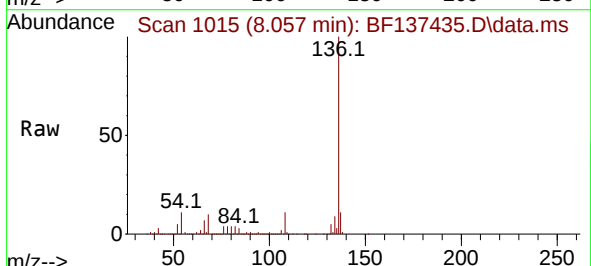
Manual Integrations
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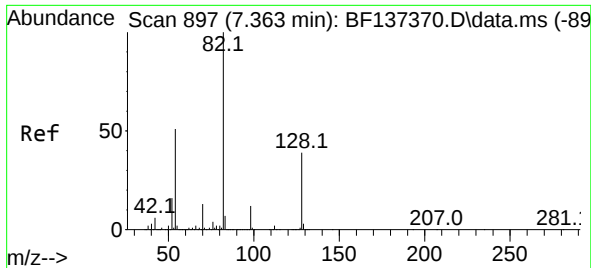
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Tgt Ion:136 Resp: 541629
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.1 7.8 11.6
68 9.7 7.0 10.4





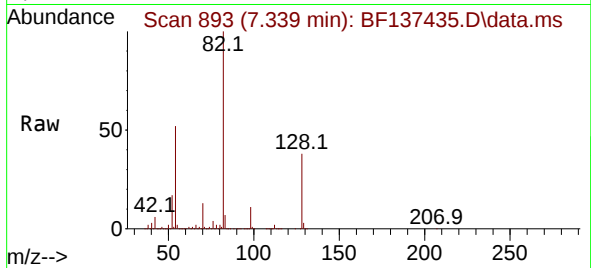
#23
Nitrobenzene-d5
Concen: 79.625 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.024 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

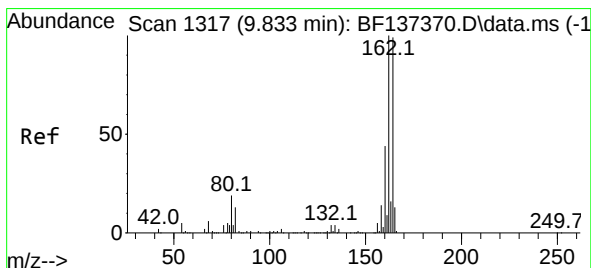
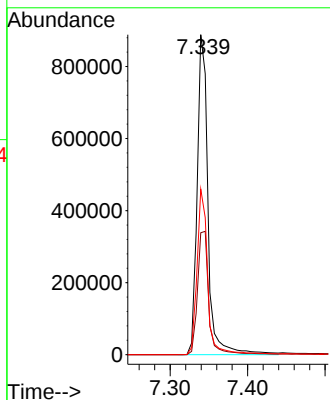
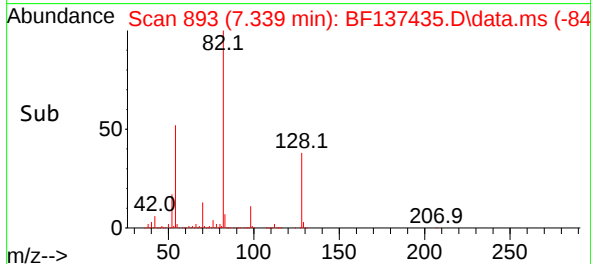


Tgt Ion: 82 Resp: 86384
Ion Ratio Lower Upper
82 100
128 38.1 30.8 46.2
54 51.7 40.8 61.2

Manual Integrations

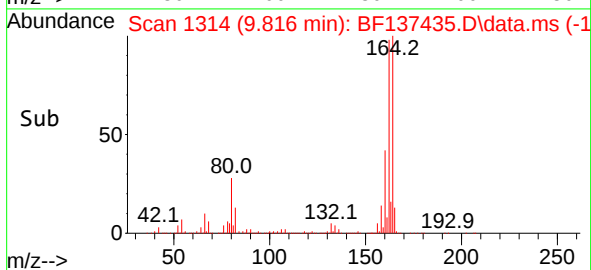
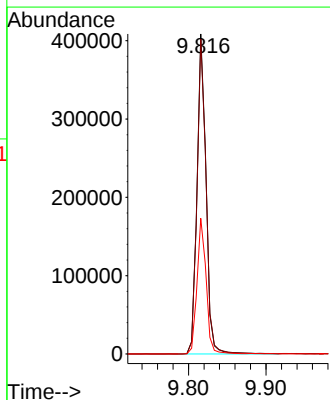
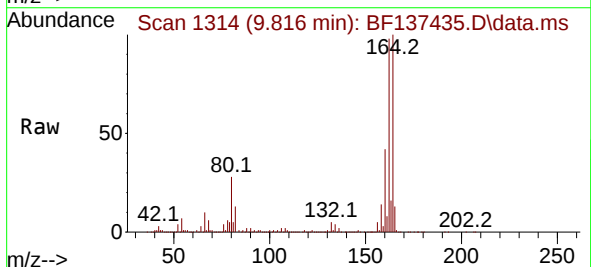
APPROVED

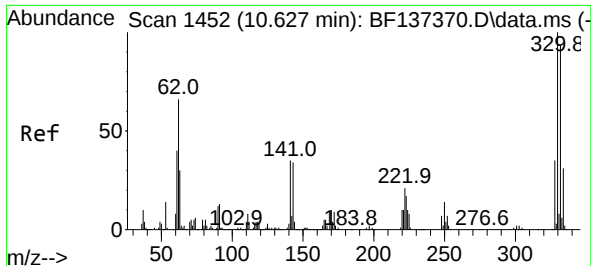
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Tgt Ion:164 Resp: 329974
Ion Ratio Lower Upper
164 100
162 98.4 81.2 121.8
160 42.4 35.7 53.5





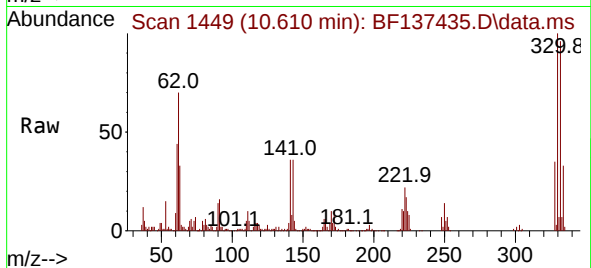
#42
2,4,6-Tribromophenol
Concen: 49.223 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

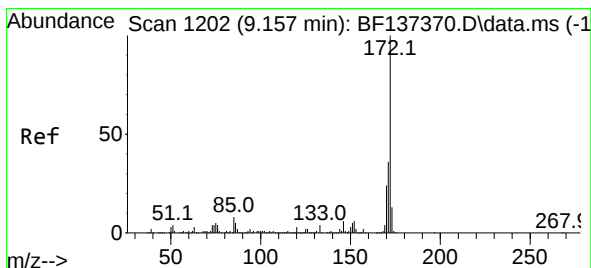
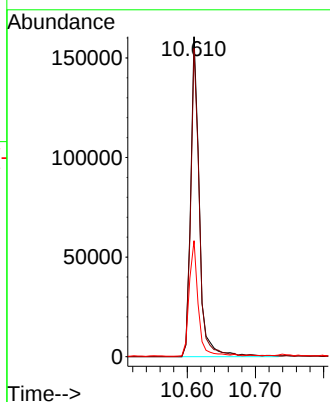
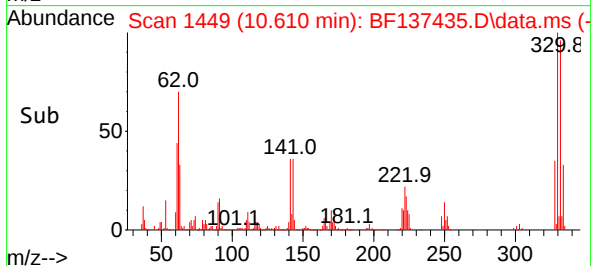


Tgt Ion:330 Resp: 141440
Ion Ratio Lower Upper
330 100
332 95.7 75.6 113.4
141 37.4 28.6 42.8

Manual Integrations

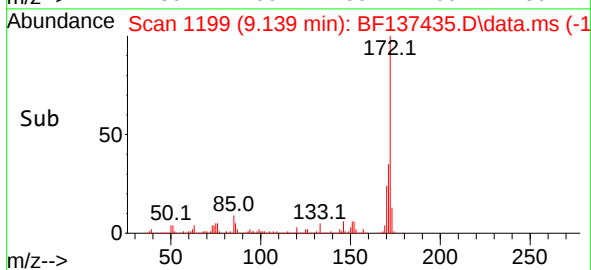
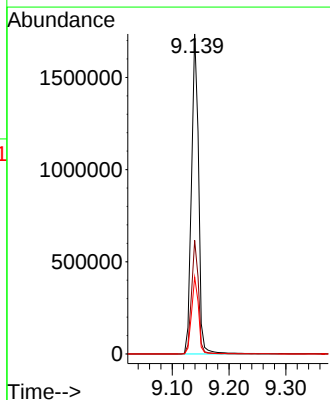
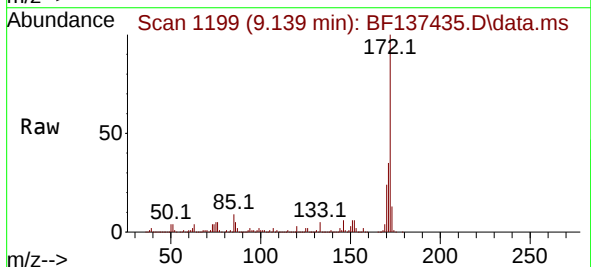
APPROVED

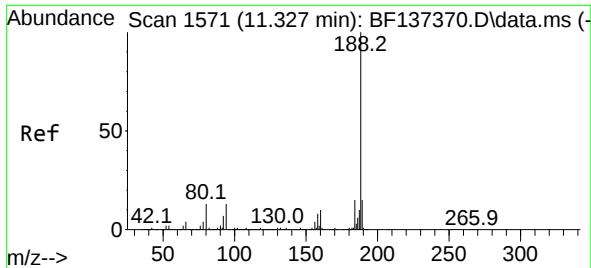
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#45
2-Fluorobiphenyl
Concen: 71.367 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Tgt Ion:172 Resp: 1512631
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.0 19.5 29.3





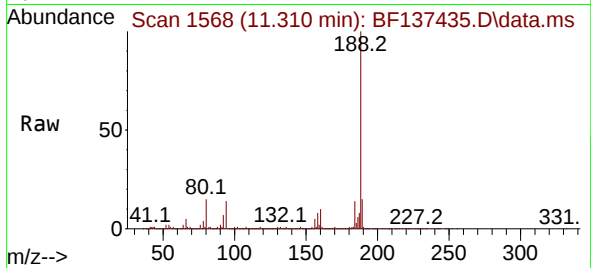
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

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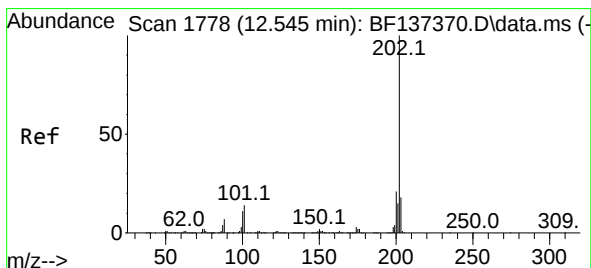
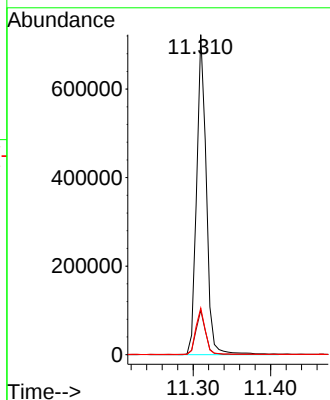
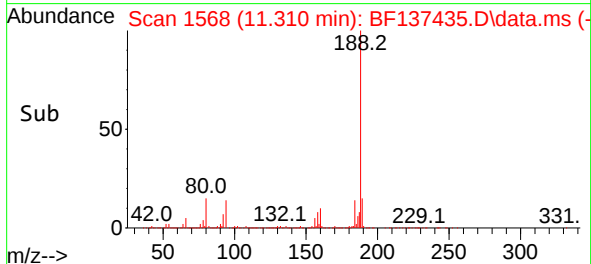


Tgt Ion:188 Resp: 62644
Ion Ratio Lower Upper
188 100
94 13.9 10.2 15.2
80 14.6 10.7 16.1

Manual Integrations

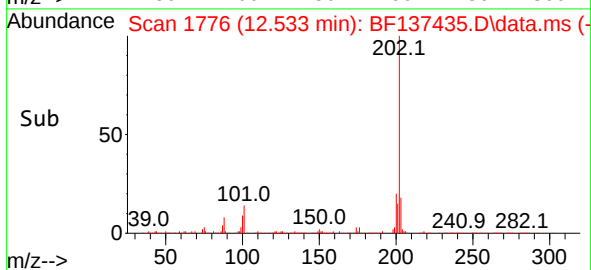
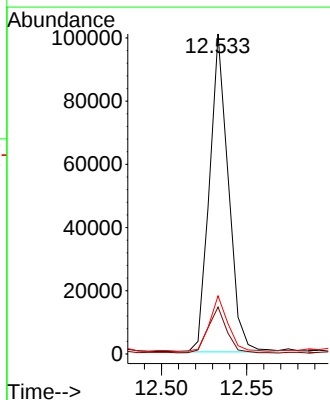
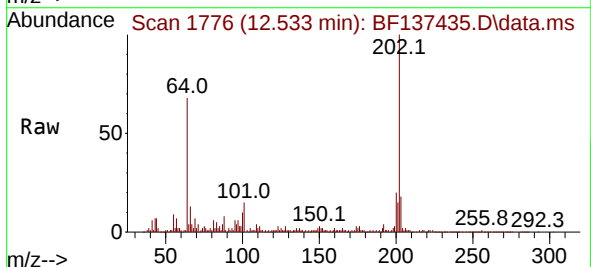
APPROVED

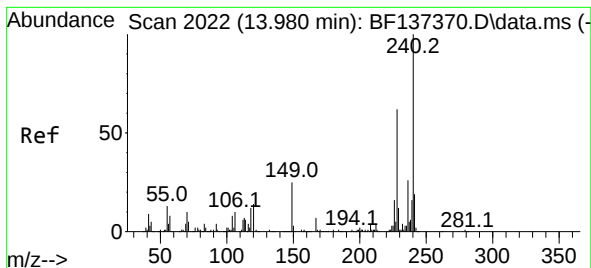
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Supervised By :mohammad ahmed 03/01/2024



#75
Fluoranthene
Concen: 2.308 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Tgt Ion:202 Resp: 77876
Ion Ratio Lower Upper
202 100
101 14.7 0.0 33.9
203 18.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137435.D

Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

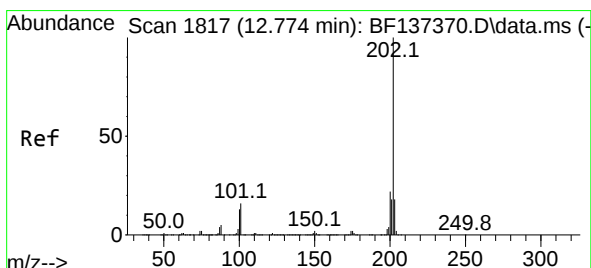
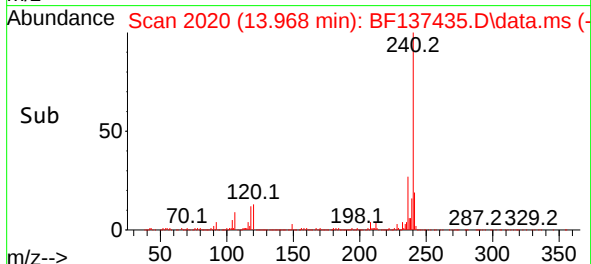
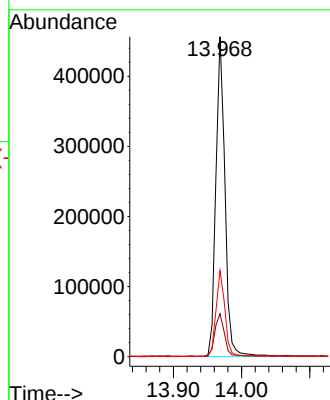
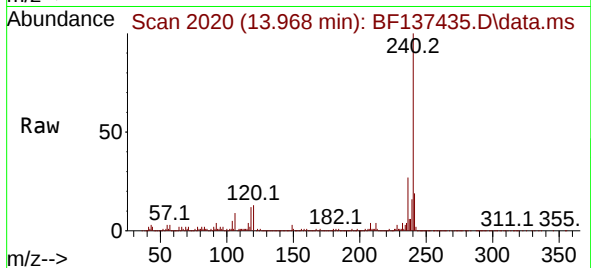
20241104-AMENDED-COMPOSITE-35N-N-4-03

Tgt Ion:240 Resp: 423879
 Ion Ratio Lower Upper
 240 100
 120 13.4 11.3 16.9
 236 26.9 20.5 30.7

Manual Integrations

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#78

Pyrene

Concen: 2.619 ng

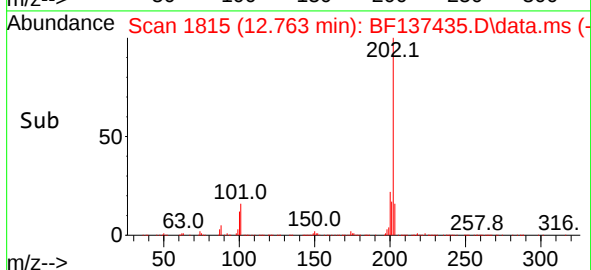
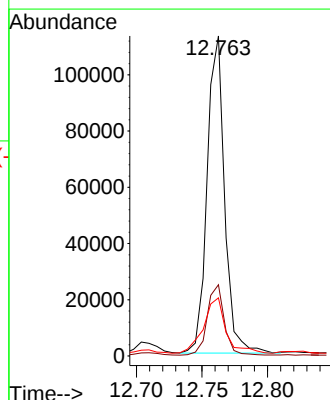
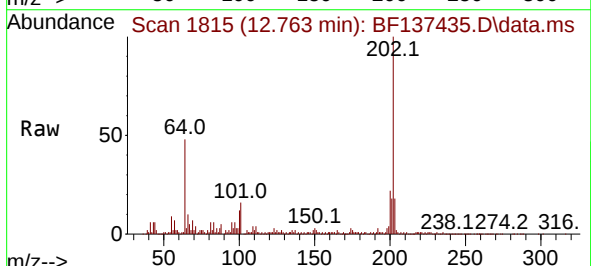
RT: 12.763 min Scan# 1815

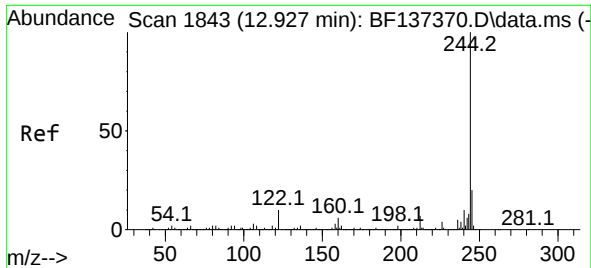
Delta R.T. -0.012 min

Lab File: BF137435.D

Acq: 28 Feb 2024 21:19

Tgt Ion:202 Resp: 104953
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 18.2 14.2 21.2





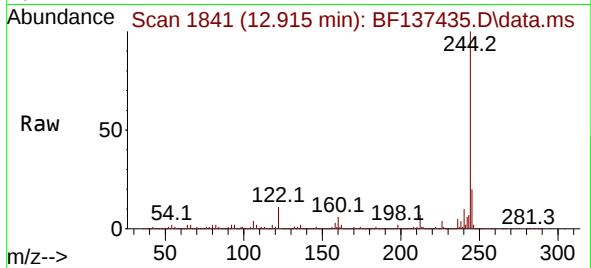
#79
 Terphenyl-d14
 Concen: 64.645 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137435.D
 Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

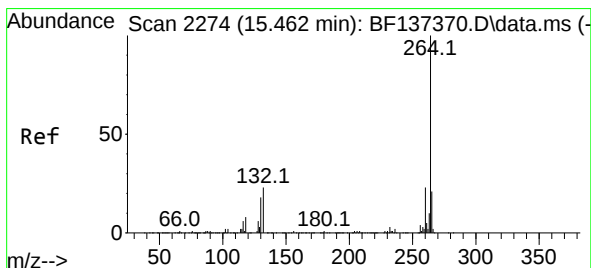
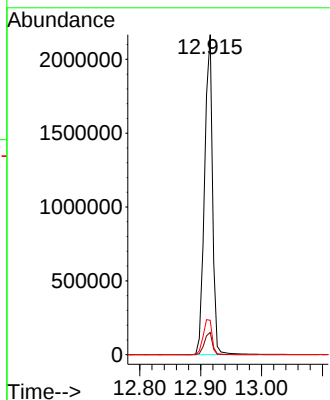
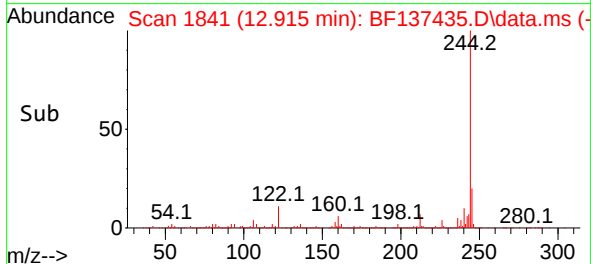


Tgt Ion:244 Resp: 195910
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 10.7 8.2 12.4

Manual Integrations

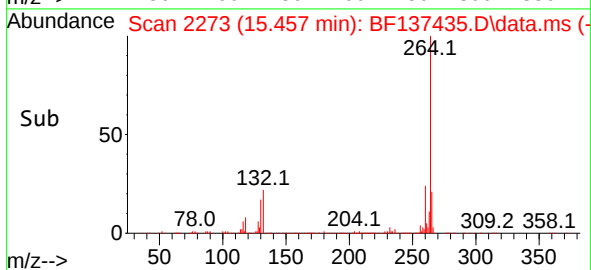
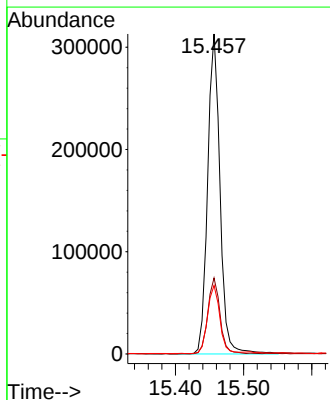
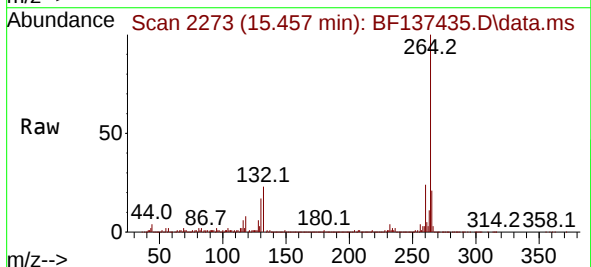
APPROVED

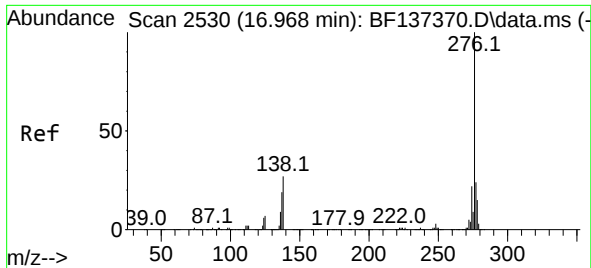
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137435.D
 Acq: 28 Feb 2024 21:19

Tgt Ion:264 Resp: 395853
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.4 16.9 25.3





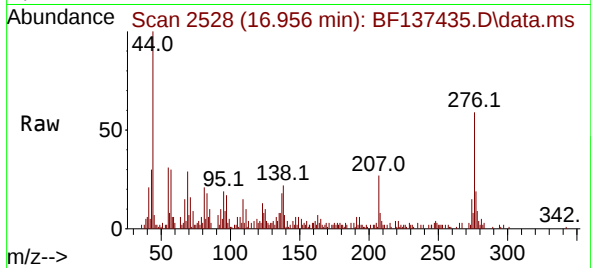
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.440 ng
RT: 16.956 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

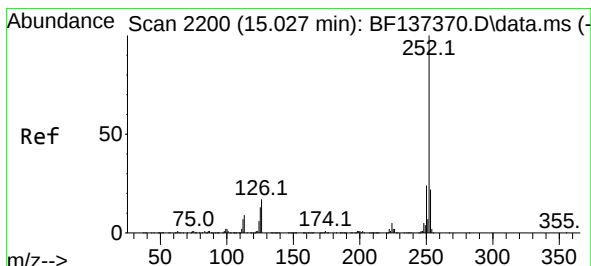
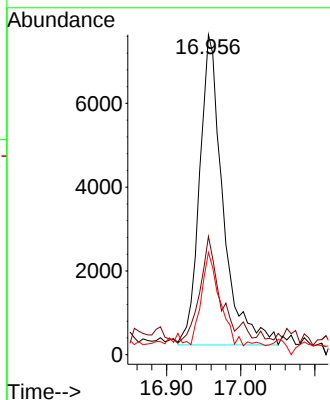
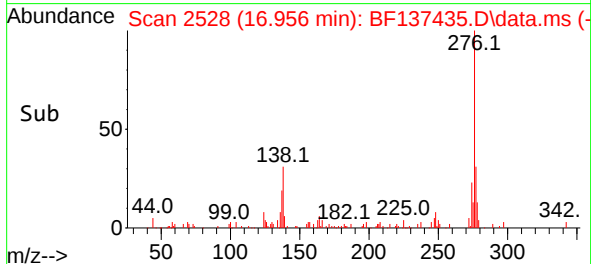


Tgt Ion: 276 Resp: 16228
Ion Ratio Lower Upper
276 100
138 28.4 25.8 38.8
277 22.8 19.6 29.4

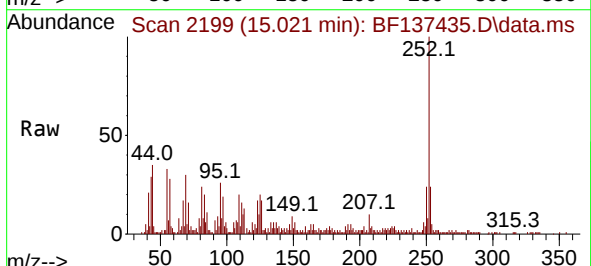
Manual Integrations

APPROVED

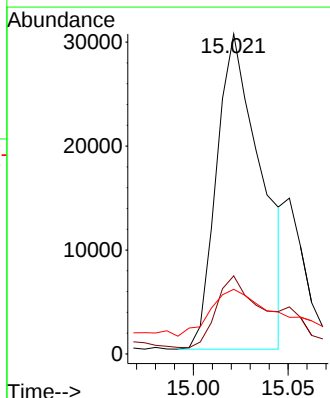
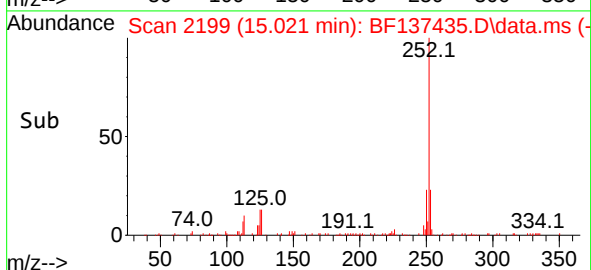
Reviewed By : Jagrut Upadhyay 02/29/2024
Supervised By : mohammad ahmed 03/01/2024

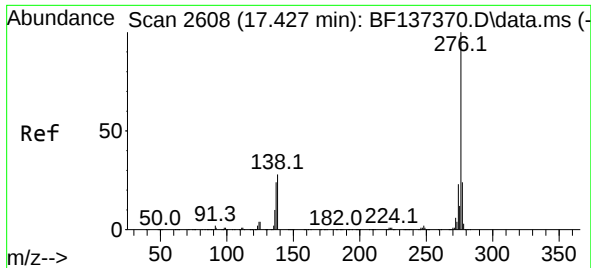


#88
Benzo(b)fluoranthene
Concen: 2.038 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137435.D
Acq: 28 Feb 2024 21:19



Tgt Ion: 252 Resp: 49493
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 20.2 10.2 15.2#





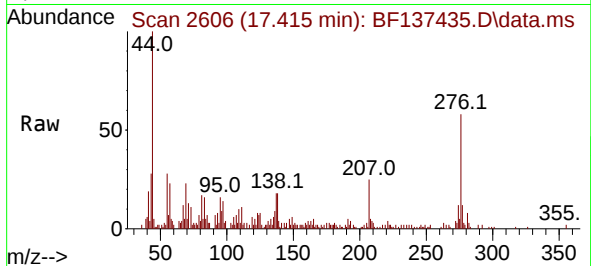
#92
 Benzo(g,h,i)perylene
 Concen: 2.802 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF137435.D
 Acq: 28 Feb 2024 21:19

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



Tgt Ion:276 Resp: 17769
 Ion Ratio Lower Upper
 276 100
 277 21.2 19.0 28.4
 138 30.7 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

