

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137393.D
 Acq On : 26 Feb 2024 19:03
 Operator : CG\JU
 Sample : P1538-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 27 00:40:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	201353	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	771633	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	390322	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	552894	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	366385	20.000	ng	-0.02
86) Perylene-d12	15.439	264	435994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	790730	60.596	ng	0.00
7) Phenol-d6	6.416	99	1507904	78.554	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1211676	78.395	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	107856	31.732	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1845703	73.618	ng	-0.02
79) Terphenyl-d14	12.910	244	1461698	55.801	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	61085	2.052	ng	97
78) Pyrene	12.757	202	81628	2.356	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	6995	5.322	ng	# 85
87) Indeno(1,2,3-cd)pyrene	16.933	276	19561	2.493	ng	# 85
88) Benzo(b)fluoranthene	15.009	252	57439m	2.148	ng	
92) Benzo(g,h,i)perylene	17.380	276	20950	2.853	ng	93

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

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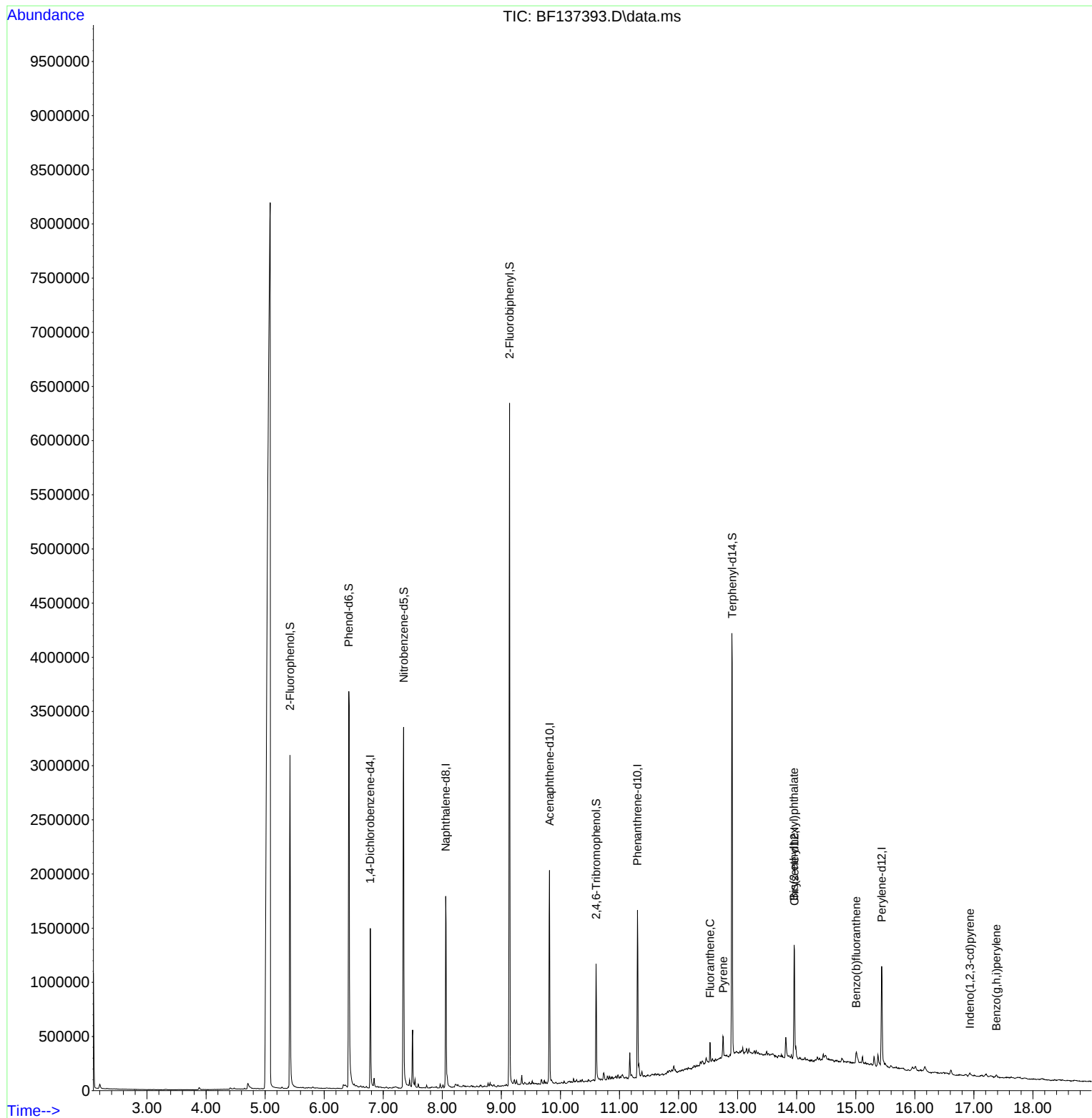
Manual Integrations

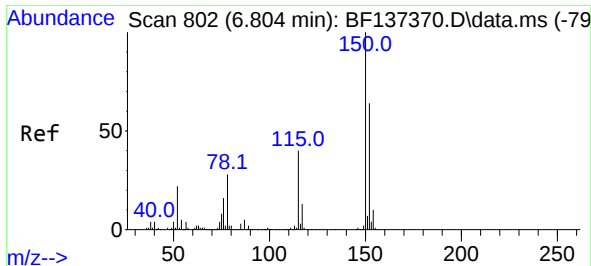
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024

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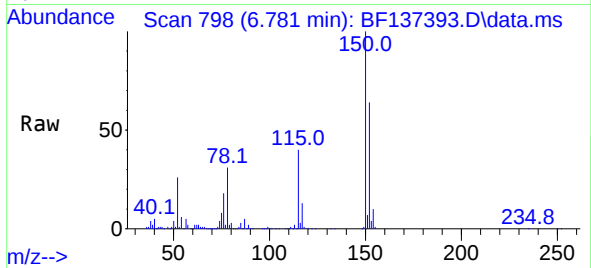
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Instrument :

BNA_F

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



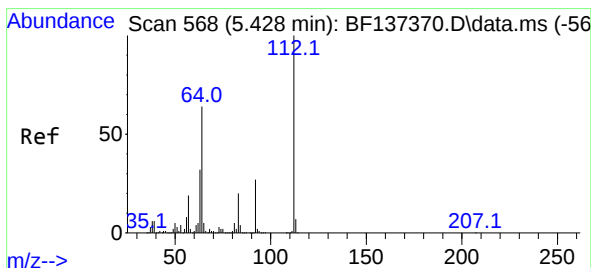
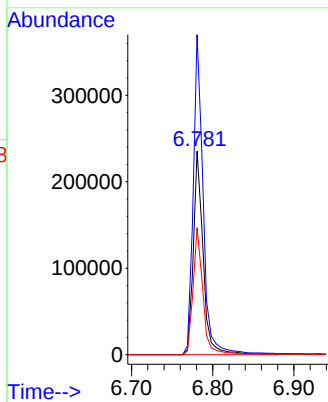
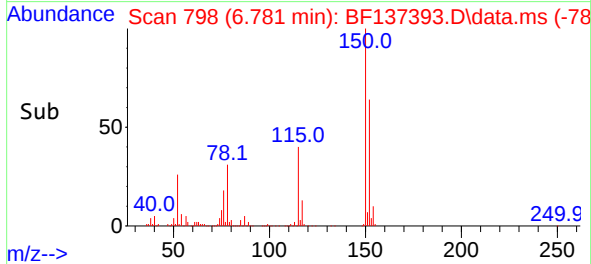
Tgt Ion:152 Resp: 20135
Ion Ratio Lower Upper
152 100
150 157.3 125.7 188.5
115 62.5 49.8 74.8

Manual Integrations

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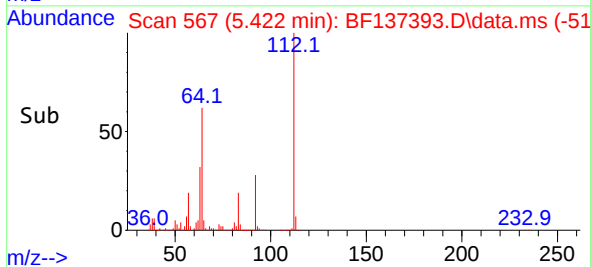
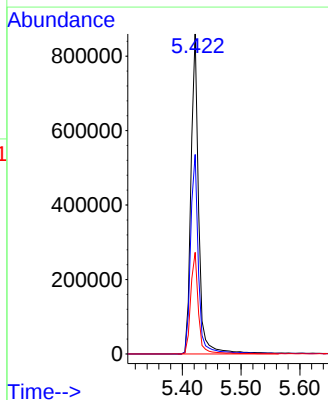
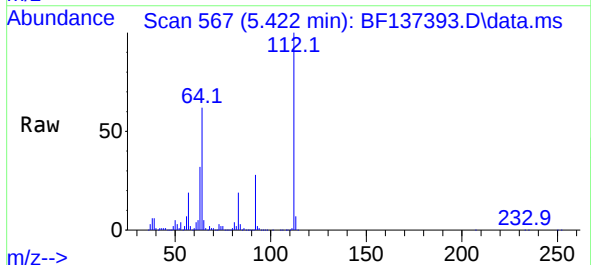
Reviewed By :Yogesh Patel 02/27/2024

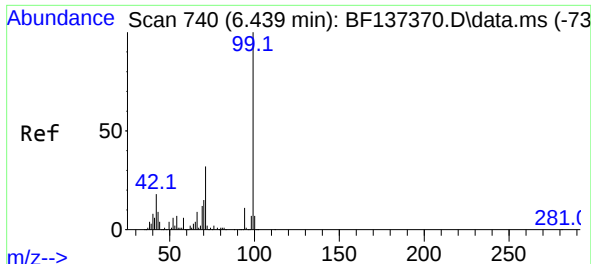
Supervised By :mohammad ahmed 02/27/2024



#5
2-Fluorophenol
Concen: 60.596 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

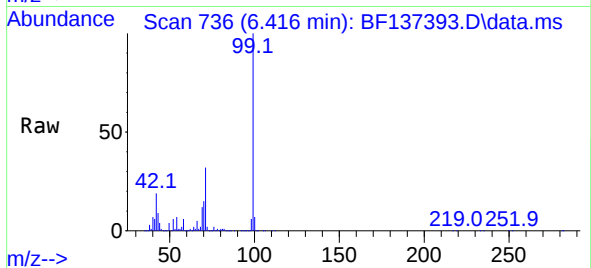
Tgt Ion:112 Resp: 790730
Ion Ratio Lower Upper
112 100
64 62.4 51.0 76.6
63 31.8 25.7 38.5





#7
Phenol-d6
Concen: 78.554 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

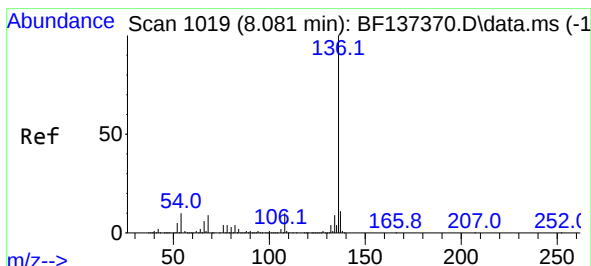
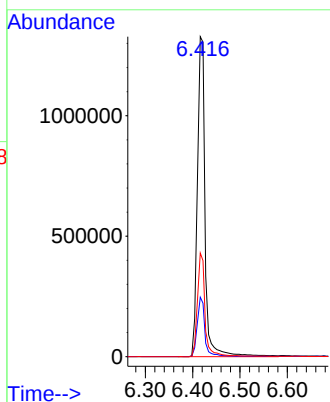
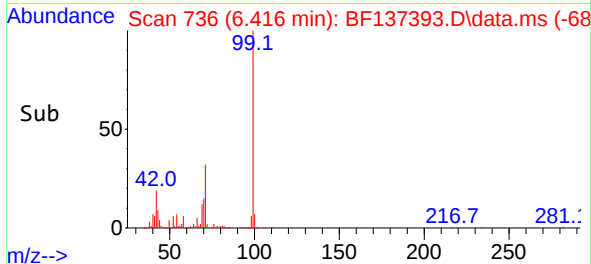
Instrument :
BNA_F
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05



Tgt Ion: 99 Resp: 1507904
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 32.4 25.2 37.8

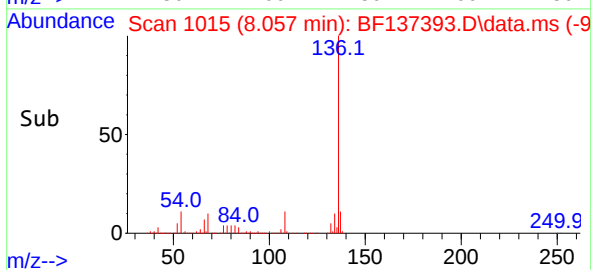
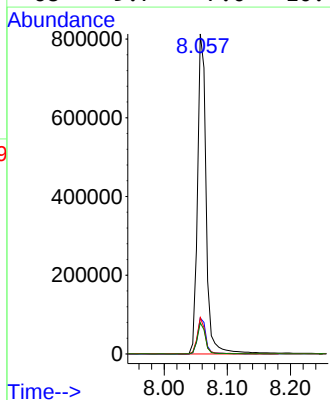
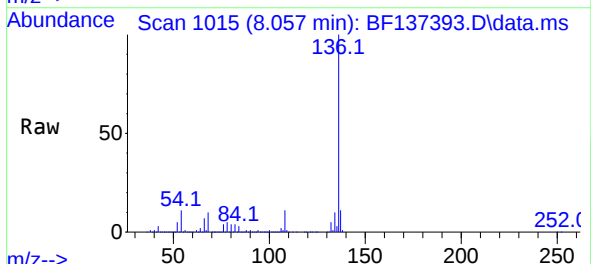
Manual Integrations
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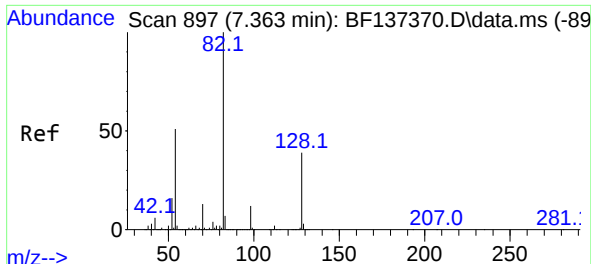
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Tgt Ion:136 Resp: 771633
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 11.3 7.8 11.6
68 9.7 7.0 10.4





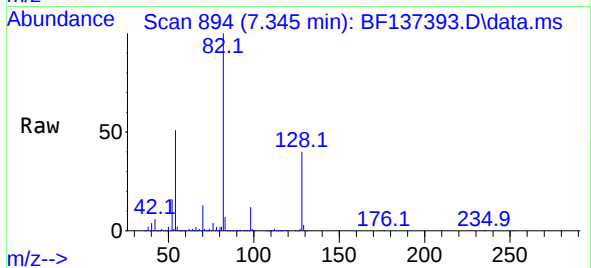
#23
Nitrobenzene-d5
Concen: 78.395 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Instrument :

BNA_F

ClientSampleId :

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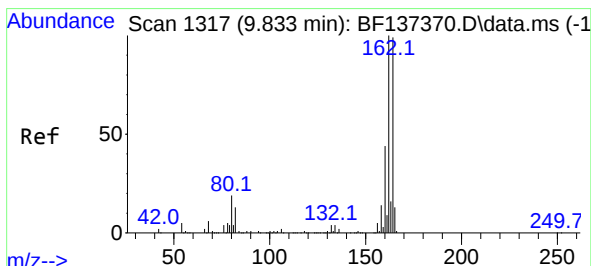
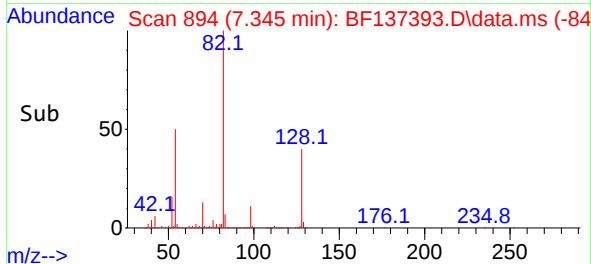
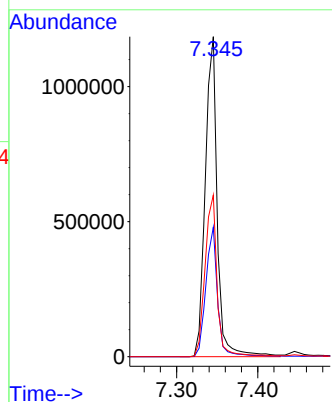
Tgt Ion: 82 Resp: 1211670
Ion Ratio Lower Upper
82 100
128 40.5 30.8 46.2
54 50.5 40.8 61.2

Manual Integrations

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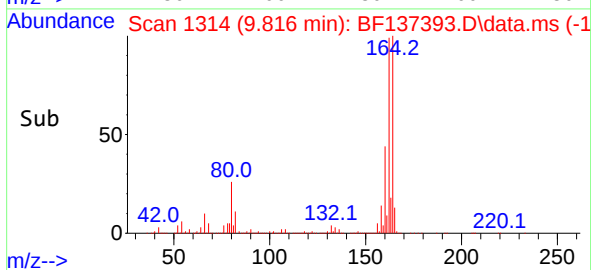
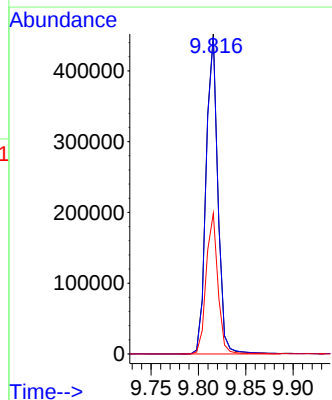
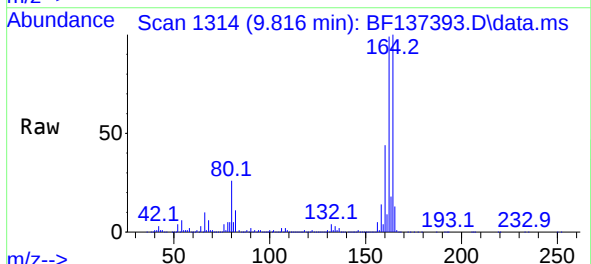
Reviewed By :Yogesh Patel 02/27/2024

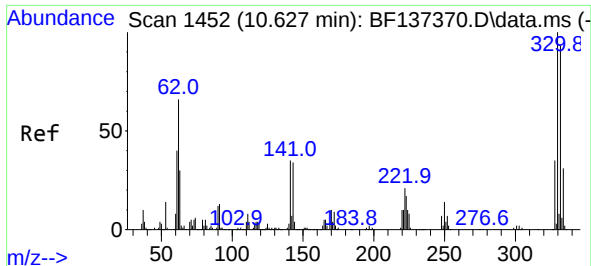
Supervised By :mohammad ahmed 02/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Tgt Ion:164 Resp: 390322
Ion Ratio Lower Upper
164 100
162 99.1 81.2 121.8
160 43.9 35.7 53.5





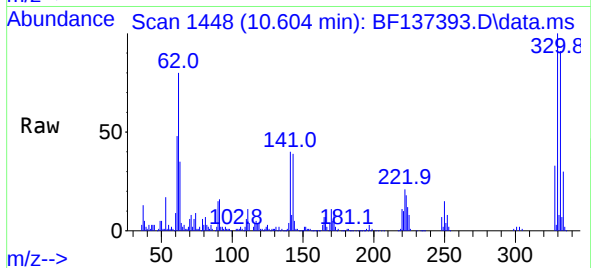
#42
2,4,6-Tribromophenol
Concen: 31.732 ng
RT: 10.604 min Scan# 1452
Delta R.T. -0.024 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

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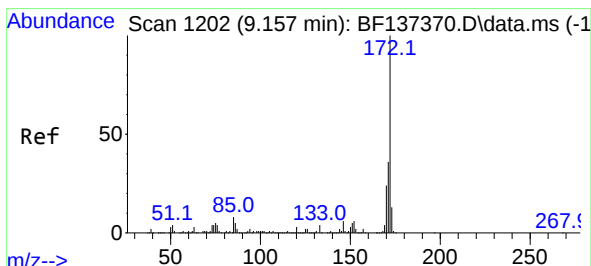
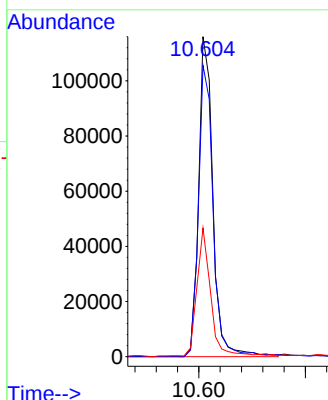
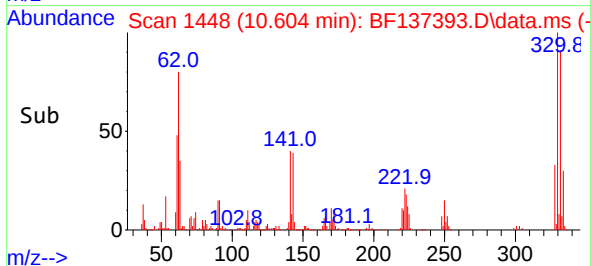
Tgt Ion:330 Resp: 107850
Ion Ratio Lower Upper
330 100
332 94.7 75.6 113.4
141 40.6 28.6 42.8

Manual Integrations

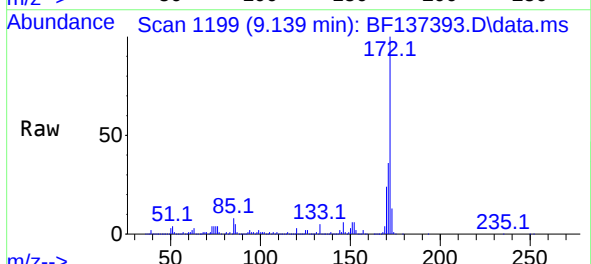
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

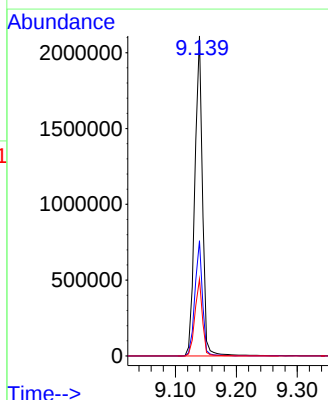
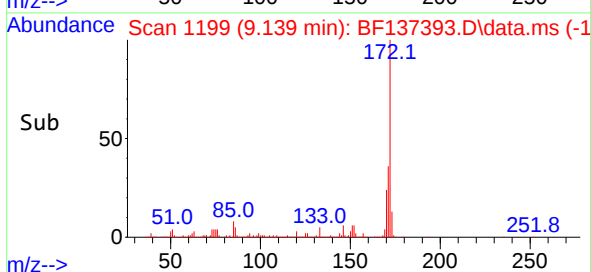
Supervised By :mohammad ahmed 02/27/2024

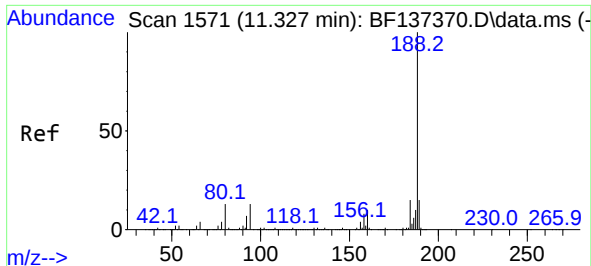


#45
2-Fluorobiphenyl
Concen: 73.618 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03



Tgt Ion:172 Resp: 1845703
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.0 19.5 29.3





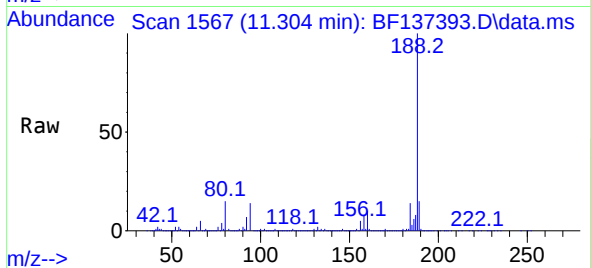
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Instrument :

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20241106-AMENDED-COMPOSITE-35N-N-4-05



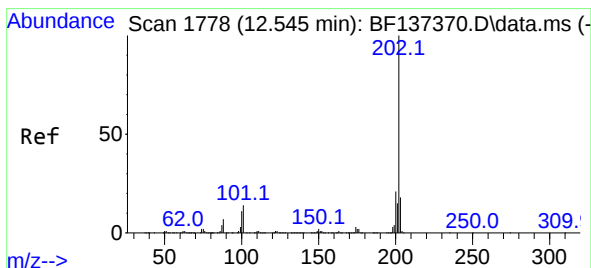
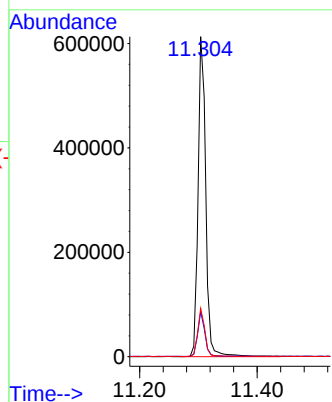
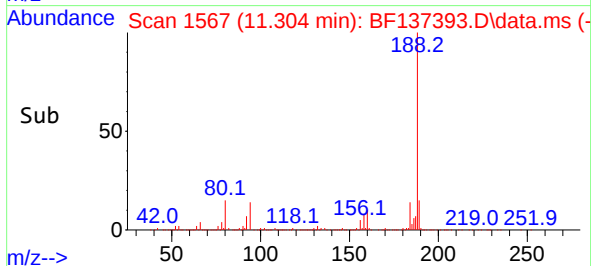
Tgt Ion:188 Resp: 552894
Ion Ratio Lower Upper
188 100
94 14.1 10.2 15.2
80 15.1 10.7 16.1

Manual Integrations

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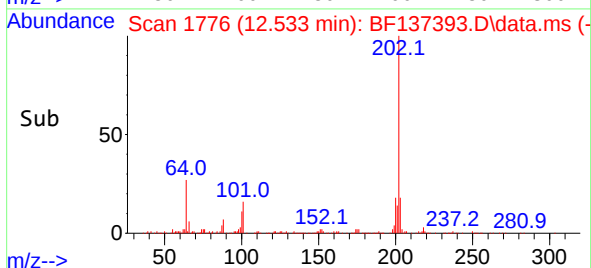
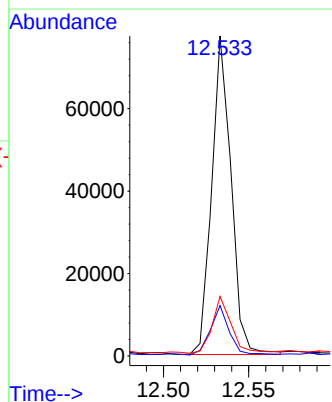
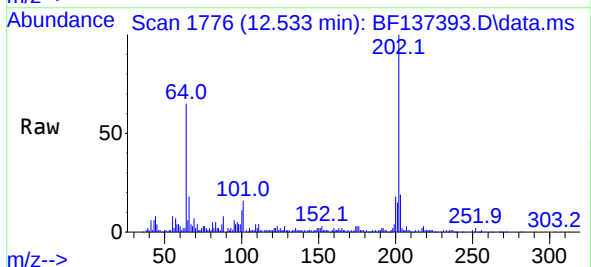
Reviewed By :Yogesh Patel 02/27/2024

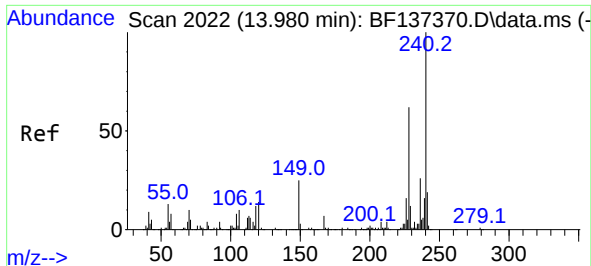
Supervised By :mohammad ahmed 02/27/2024



#75
Fluoranthene
Concen: 2.052 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Tgt Ion:202 Resp: 61085
Ion Ratio Lower Upper
202 100
101 15.7 0.0 33.9
203 18.6 0.0 37.8





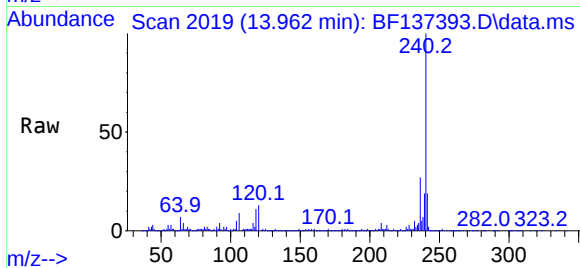
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

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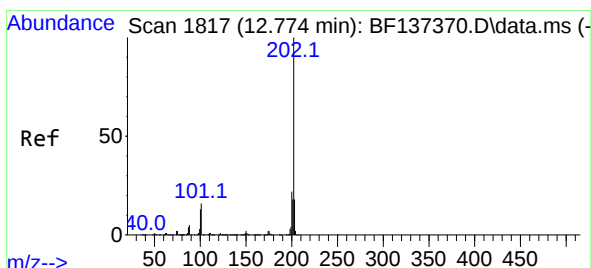
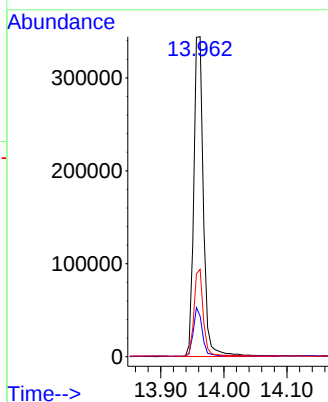
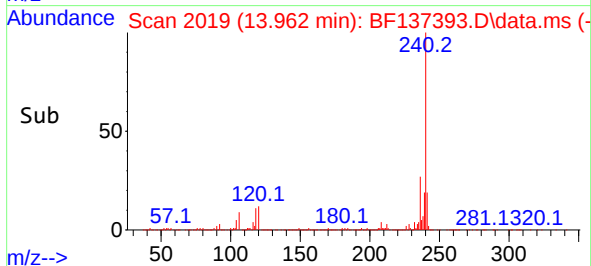
Tgt Ion:240 Resp: 36638
Ion Ratio Lower Upper
240 100
120 12.7 11.3 16.9
236 27.3 20.5 30.7

Manual Integrations

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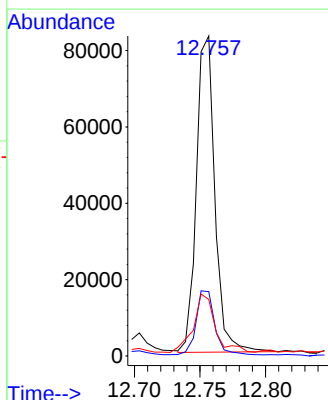
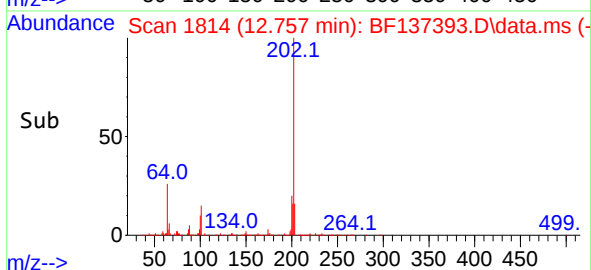
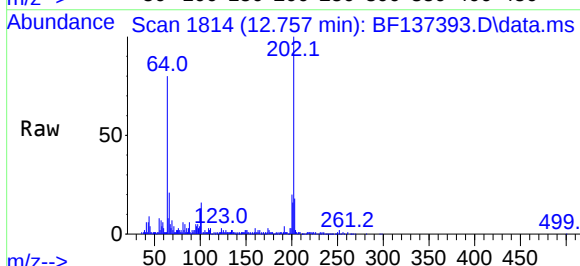
Reviewed By :Yogesh Patel 02/27/2024

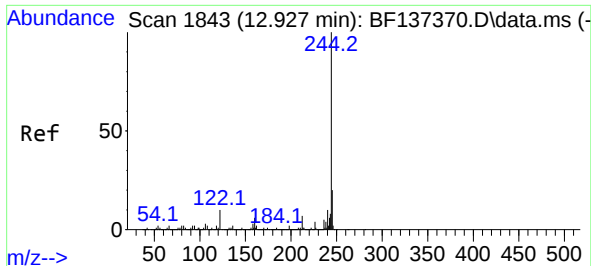
Supervised By :mohammad ahmed 02/27/2024



#78
Pyrene
Concen: 2.356 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.018 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Tgt Ion:202 Resp: 81628
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 17.7 14.2 21.2





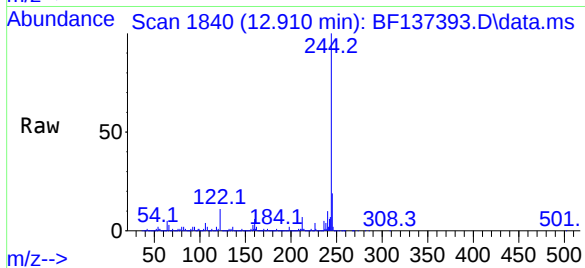
#79
 Terphenyl-d14
 Concen: 55.801 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF137393.D
 Acq: 26 Feb 2024 19:03

Instrument :

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20241106-AMENDED-COMPOSITE-35N-N-4-05



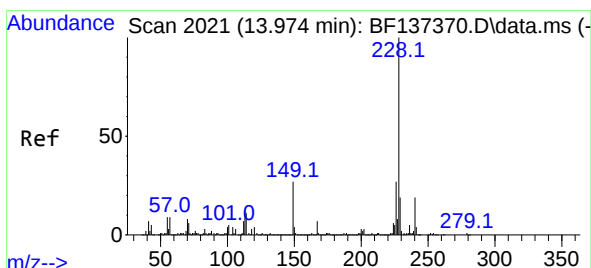
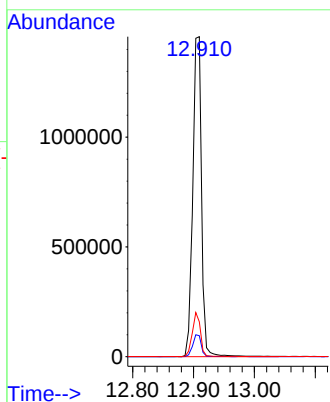
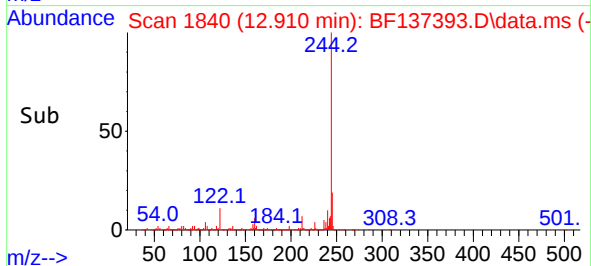
Tgt Ion:244 Resp: 1461698
 Ion Ratio Lower Upper
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 212 6.5 5.3 7.9
 122 10.9 8.2 12.4

Manual Integrations

APPROVED

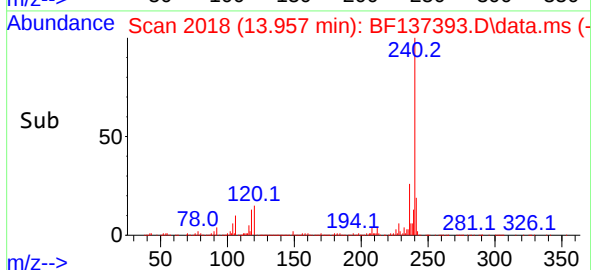
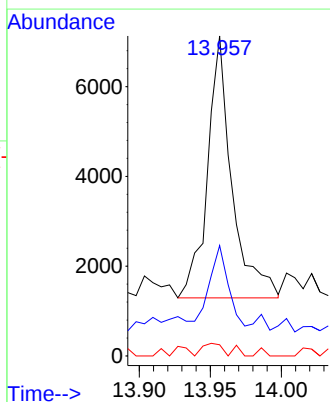
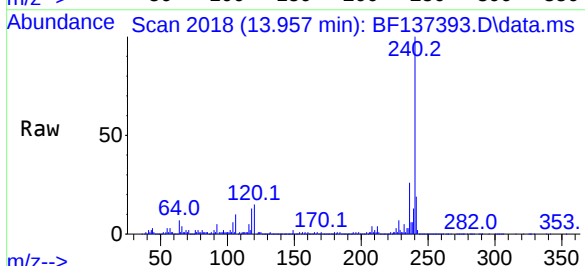
Reviewed By :Yogesh Patel 02/27/2024

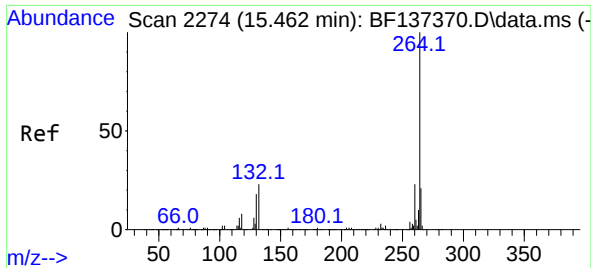
Supervised By :mohammad ahmed 02/27/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.322 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.017 min
 Lab File: BF137393.D
 Acq: 26 Feb 2024 19:03

Tgt Ion:149 Resp: 6995
 Ion Ratio Lower Upper
 149 100
 167 34.5 20.6 31.0#
 279 3.5 2.7 4.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Instrument :

BNA_F

ClientSampleId :

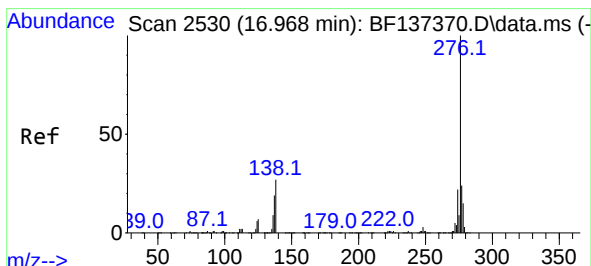
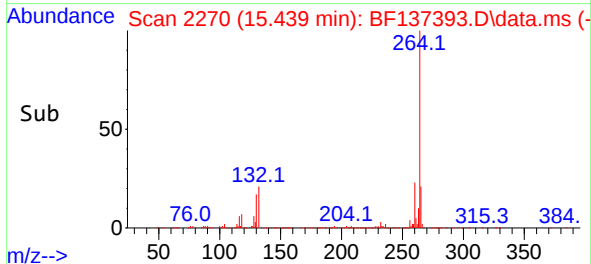
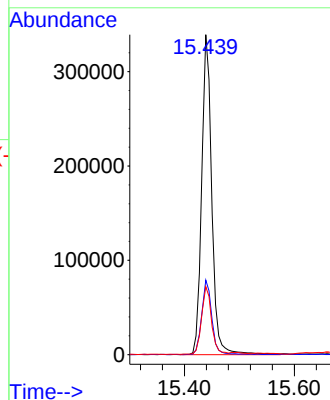
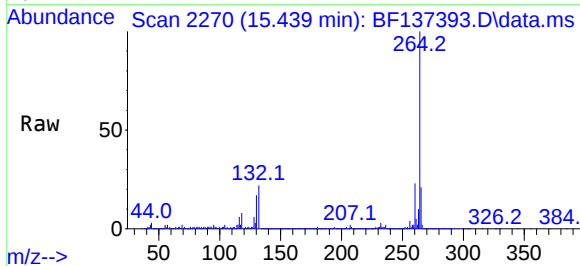
20241106-AMENDED-COMPOSITE-35N-N-4-05

Tgt Ion:264 Resp: 435994
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.2 16.9 25.3

Manual Integrations

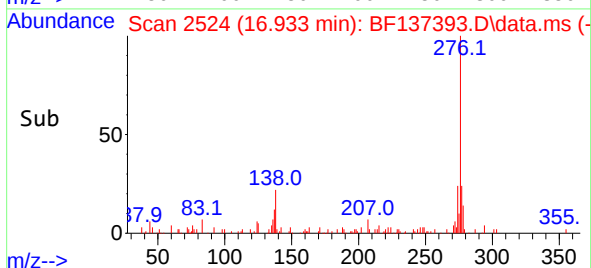
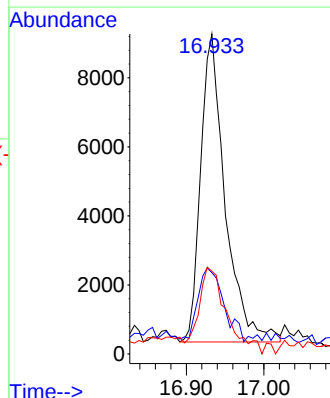
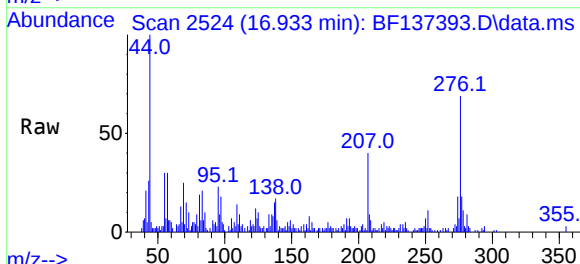
APPROVED

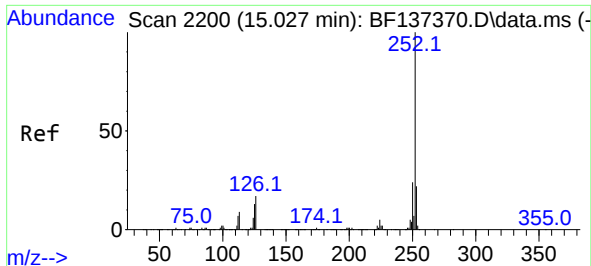
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.493 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.035 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Tgt Ion:276 Resp: 19561
Ion Ratio Lower Upper
276 100
138 24.0 25.8 38.8#
277 32.3 19.6 29.4#





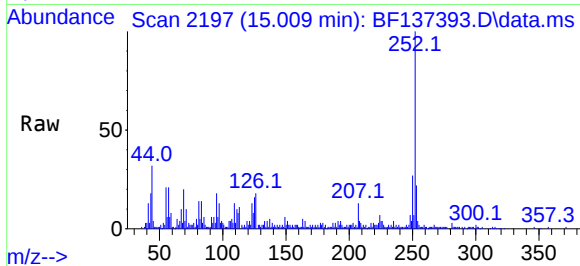
#88
Benzo(b)fluoranthene
Concen: 2.148 ng m
RT: 15.009 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03

Instrument :

BNA_F

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



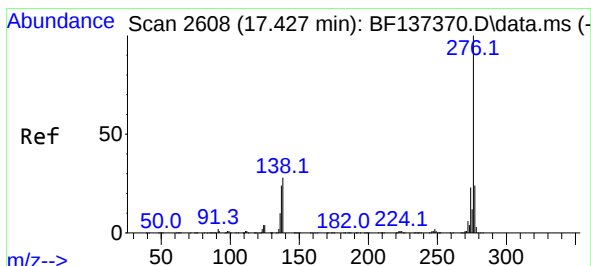
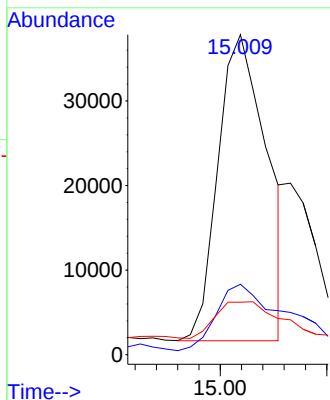
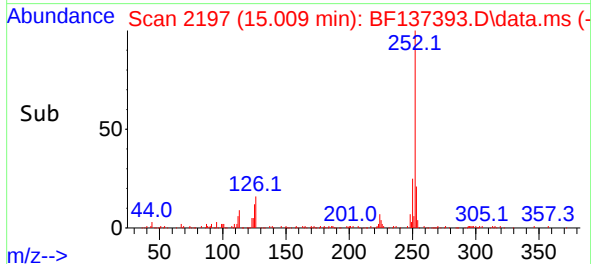
Tgt Ion:252 Resp: 57439
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 16.4 10.2 15.2

Manual Integrations

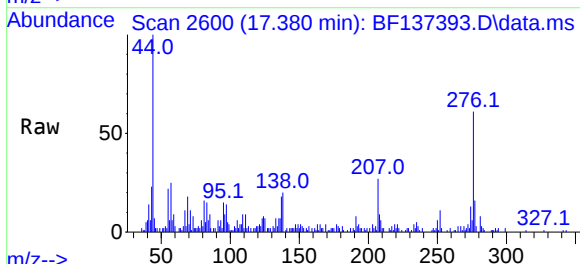
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#92
Benzo(g,h,i)perylene
Concen: 2.853 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.047 min
Lab File: BF137393.D
Acq: 26 Feb 2024 19:03



Tgt Ion:276 Resp: 20950
Ion Ratio Lower Upper
276 100
277 26.7 19.0 28.4
138 32.1 22.6 33.8

