

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135064.D
 Acq On : 01 Sep 2023 03:16
 Operator : CG\JU
 Sample : 04224-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-8292023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 03:55:05 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	129153	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	493450	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	216603	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	289604	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	224320	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	178328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	408001	48.795	ng	0.00
7) Phenol-d6	6.404	99	487561	46.782	ng	-0.01
23) Nitrobenzene-d5	7.334	82	295452	33.638	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	84863	36.934	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	524137	39.397	ng	-0.01
79) Terphenyl-d14	12.898	244	382759	27.845	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.516	202	68664	4.546	ng	99
78) Pyrene	12.745	202	68887	3.234	ng	99
81) Benzo(a)anthracene	13.945	228	39835	2.603	ng	93
83) Chrysene	13.980	228	41029m	2.728	ng	
88) Benzo(b)fluoranthene	14.998	252	41927m	3.779	ng	
90) Benzo(a)pyrene	15.363	252	27081	2.627	ng	# 84

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

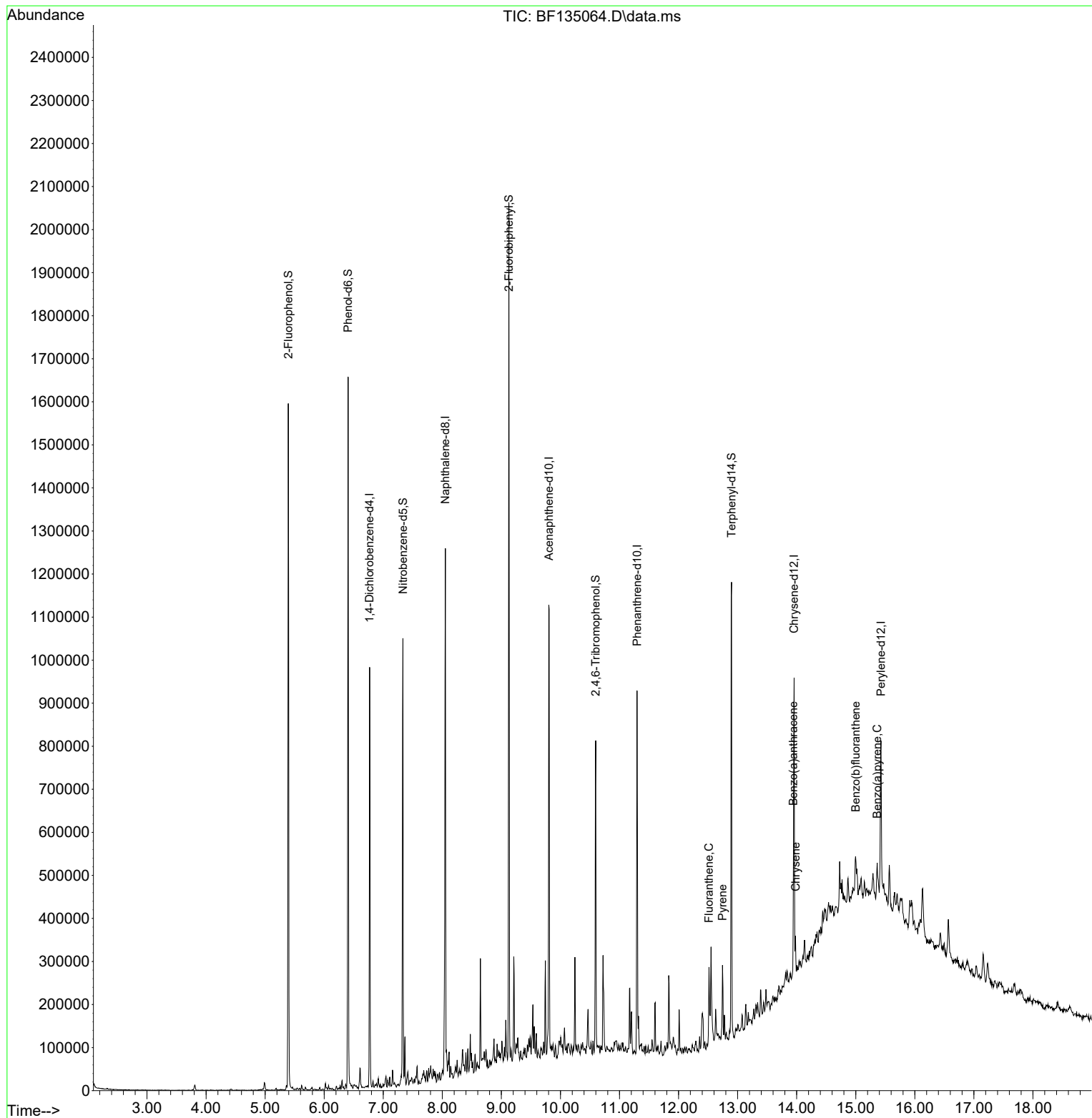
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135064.D
Acq On : 01 Sep 2023 03:16
Operator : CG\JU
Sample : 04224-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

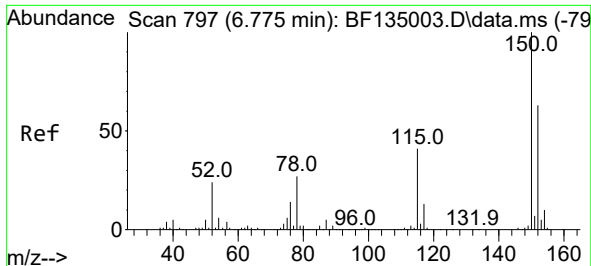
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

Quant Time: Sep 01 03:55:05 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

Manual Integrations
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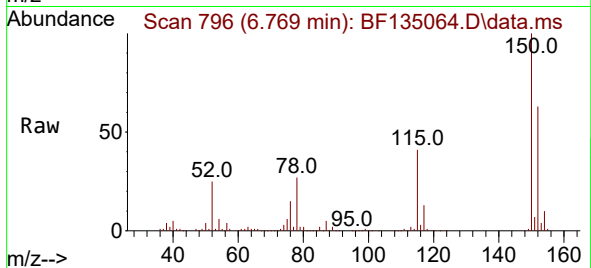
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

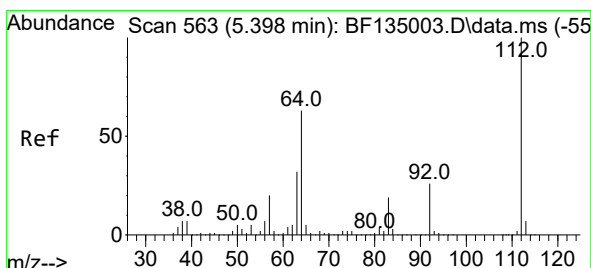
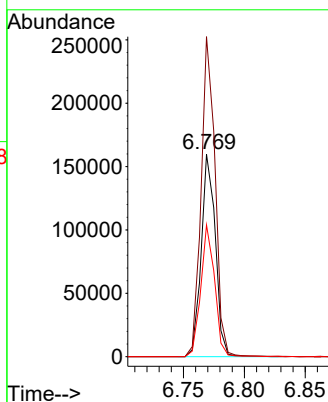
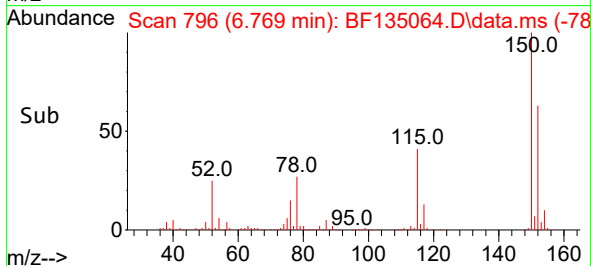
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023



Tgt Ion:152 Resp: 12915
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.4
115 65.0 51.2 76.8

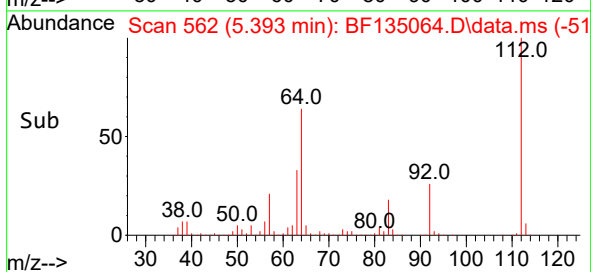
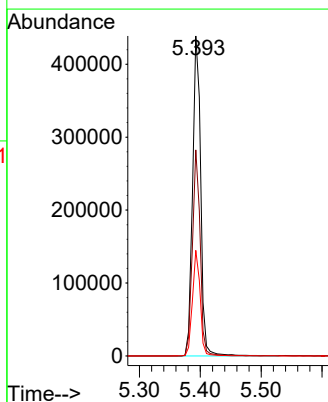
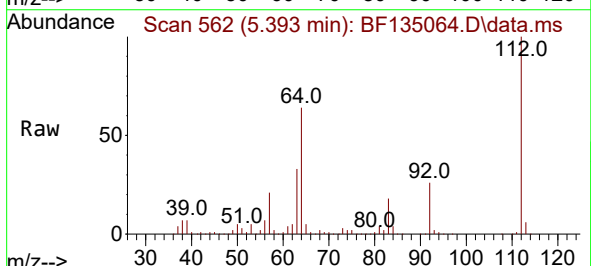
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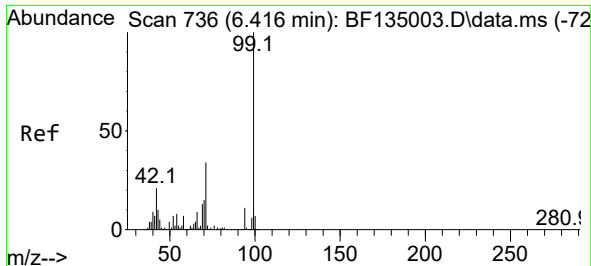
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#5
2-Fluorophenol
Concen: 48.795 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

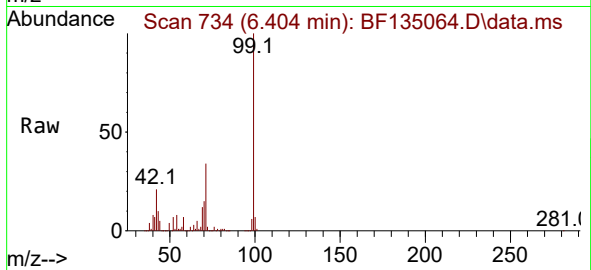
Tgt Ion:112 Resp: 408001
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.0 25.9 38.9





#7
Phenol-d6
Concen: 46.782 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

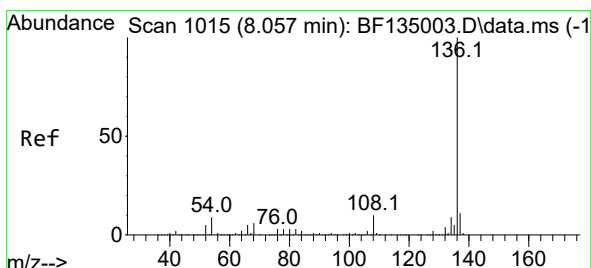
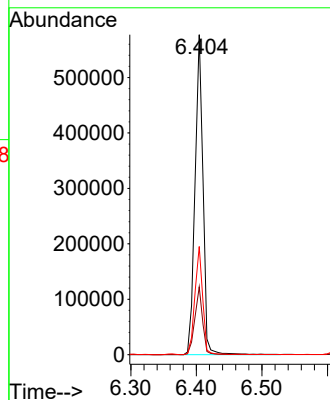
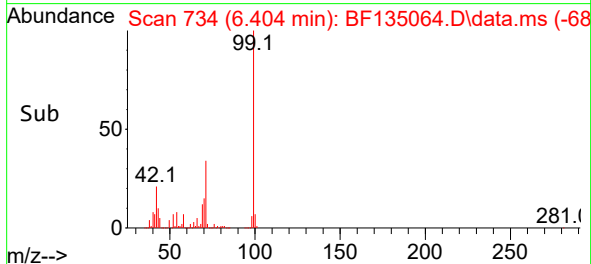
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023



Tgt Ion: 99 Resp: 48756
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 33.8 27.0 40.6

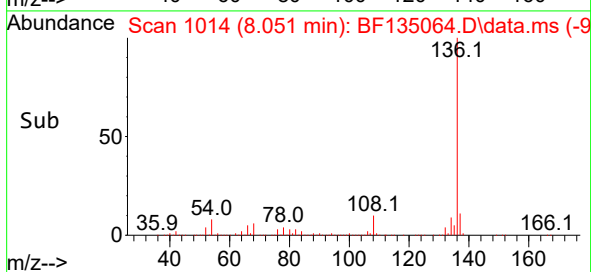
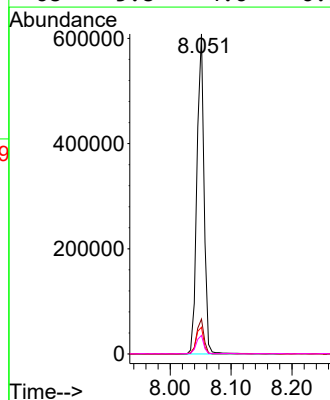
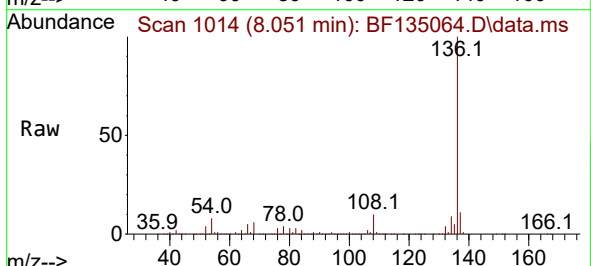
Manual Integrations
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Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:136 Resp: 493450
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 7.0 10.4
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 33.638 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135064.D

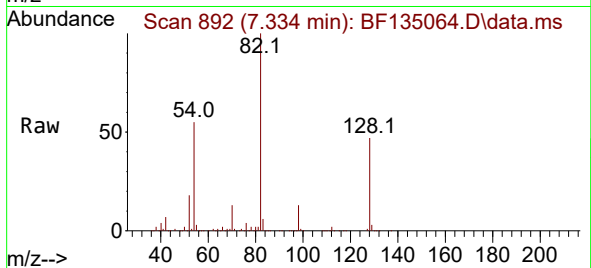
Acq: 01 Sep 2023 03:16

Instrument :

BNA_F

ClientSampleId :

EO-03-8292023



Tgt Ion: 82 Resp: 295452

Ion Ratio Lower Upper

82 100

128 46.6 37.8 56.8

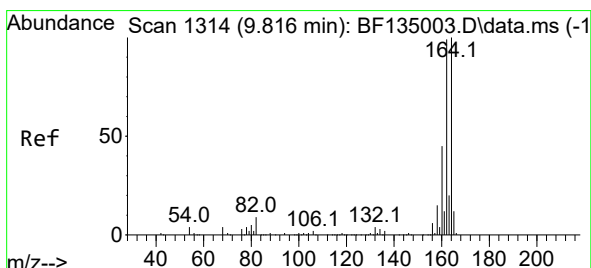
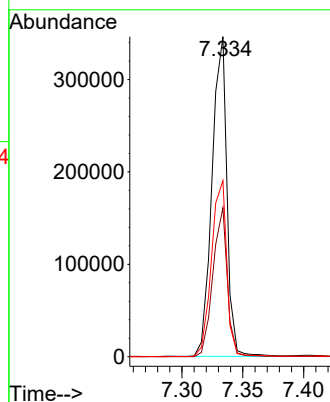
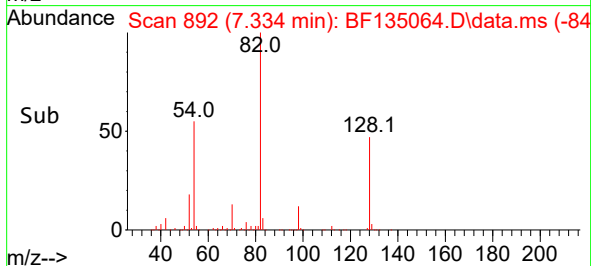
54 55.0 45.0 67.6

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Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

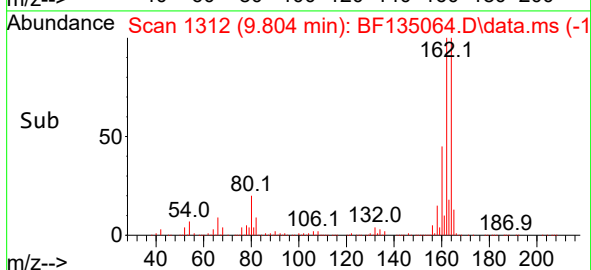
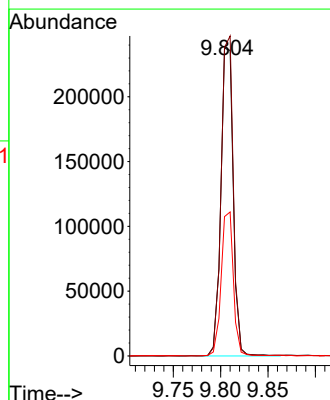
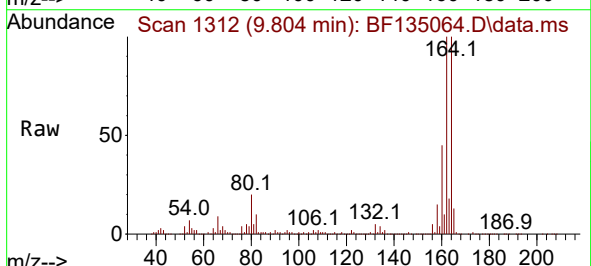
Tgt Ion:164 Resp: 216603

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

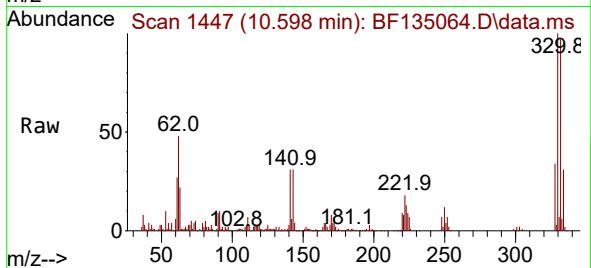
160 45.3 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 36.934 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

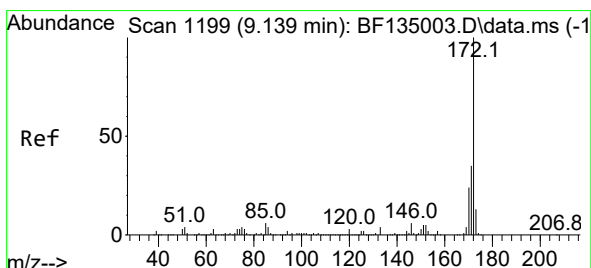
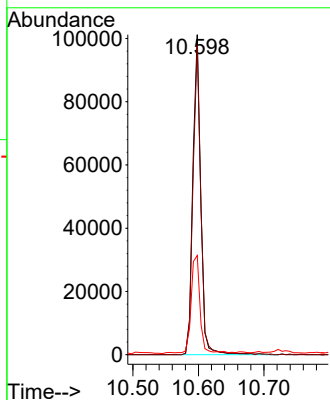
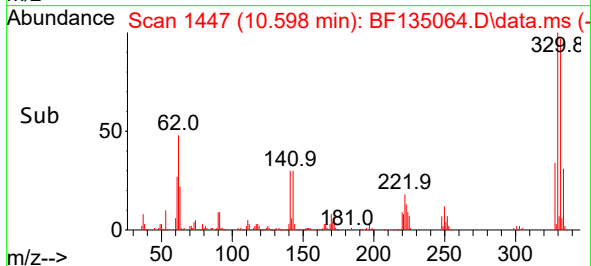
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023



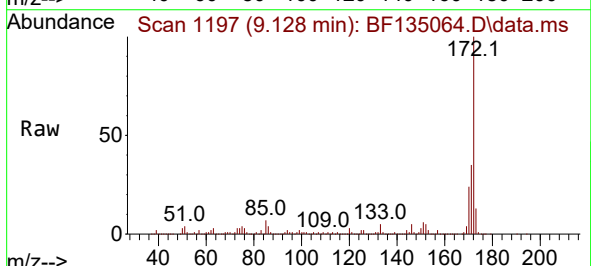
Tgt Ion: 330 Resp: 8486
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 32.9 26.3 39.5

Manual Integrations
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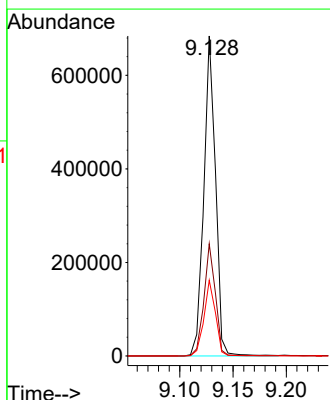
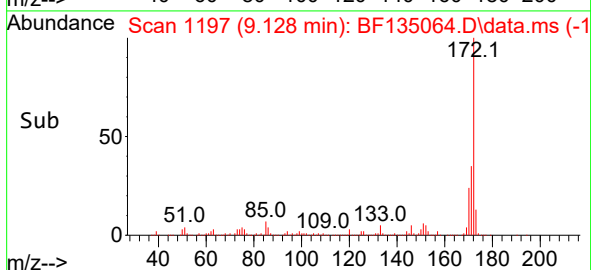
Reviewed By : Yogesh Patel 09/01/2023
Supervised By : mohammad ahmed 09/01/2023

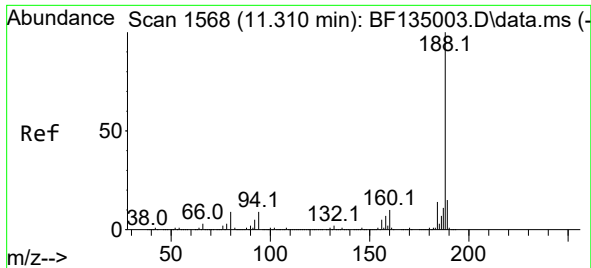


#45
2-Fluorobiphenyl
Concen: 39.397 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16



Tgt Ion: 172 Resp: 524137
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.7 19.0 28.4





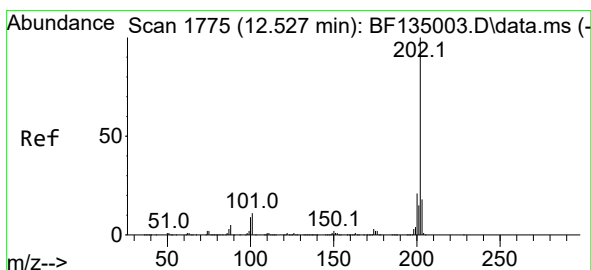
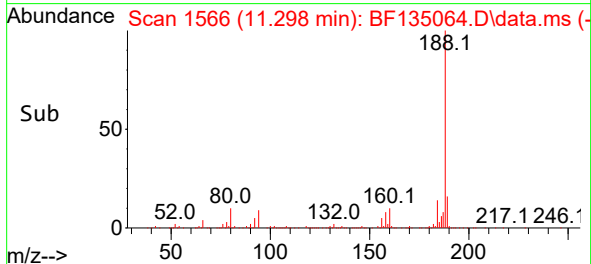
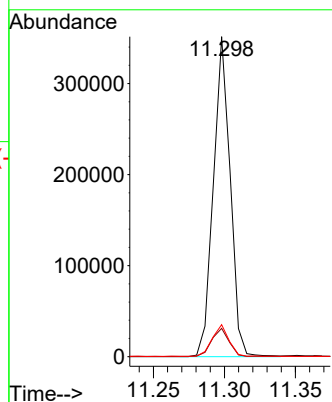
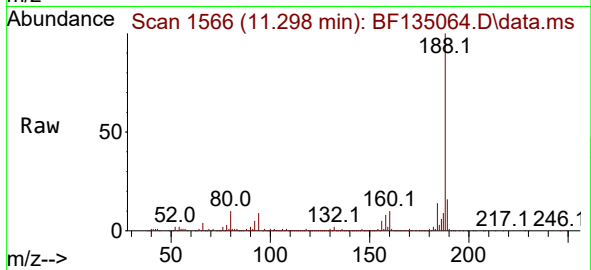
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

Tgt Ion:188 Resp: 289604
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.0 7.4 11.2

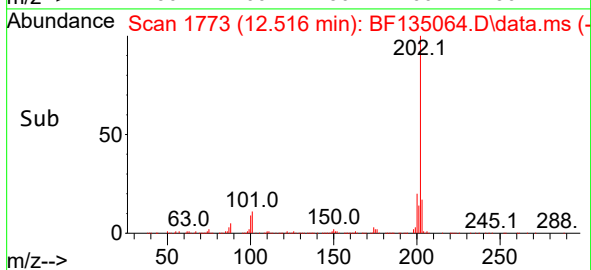
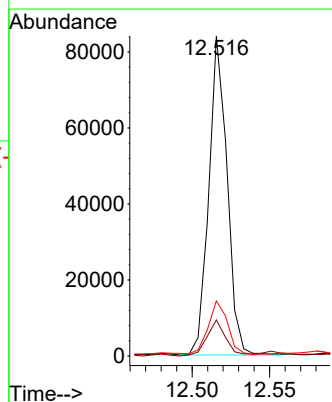
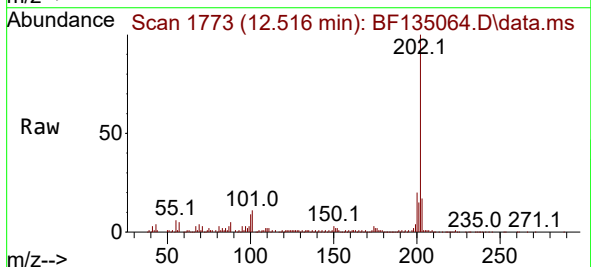
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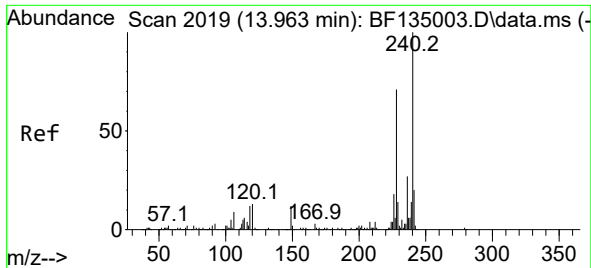
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#75
Fluoranthene
Concen: 4.546 ng
RT: 12.516 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

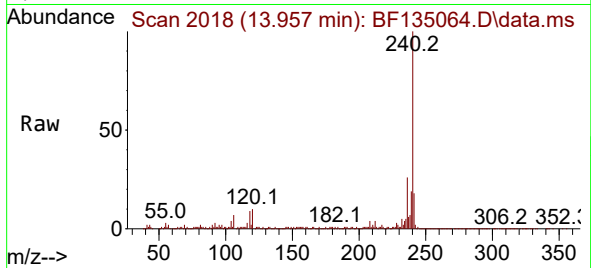
Tgt Ion:202 Resp: 68664
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.2 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

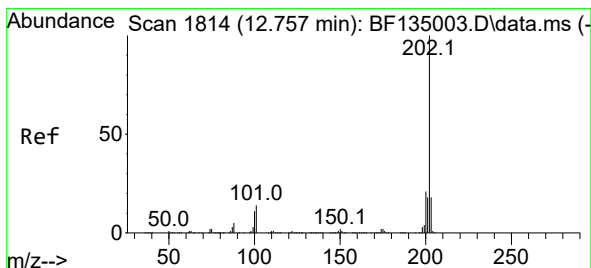
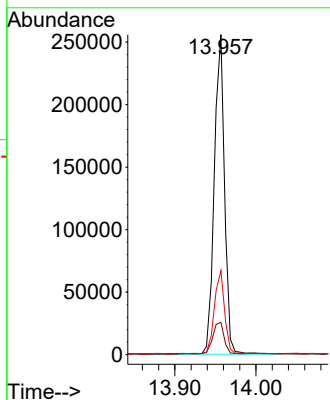
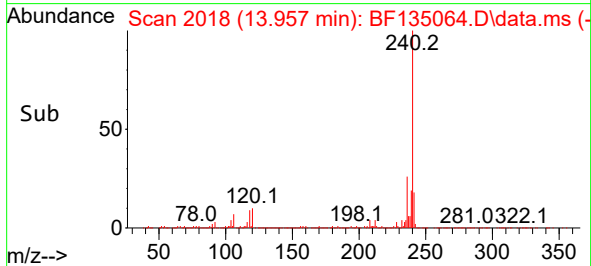
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023



Tgt Ion:240 Resp: 224320
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.2
236 26.3 21.3 31.9

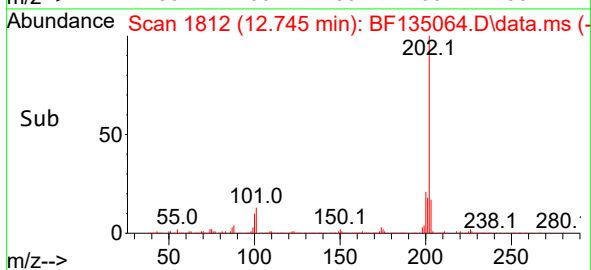
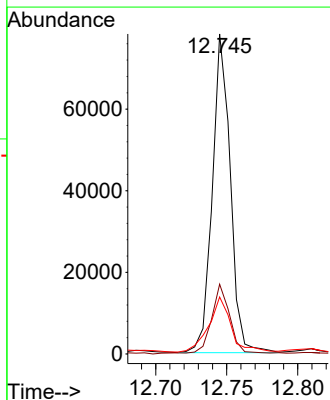
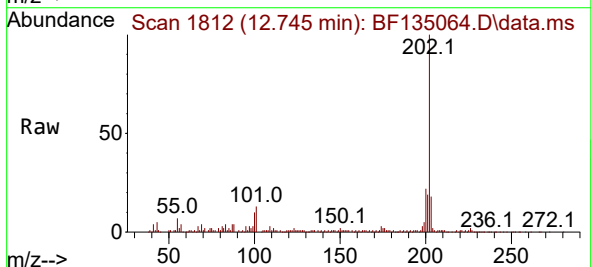
Manual Integrations
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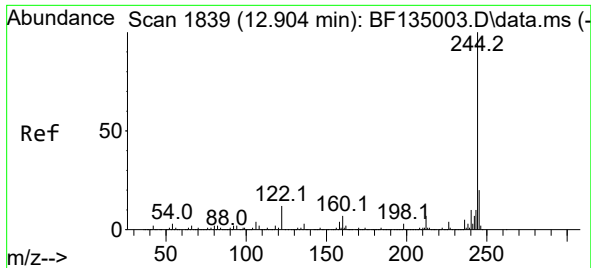
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#78
Pyrene
Concen: 3.234 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

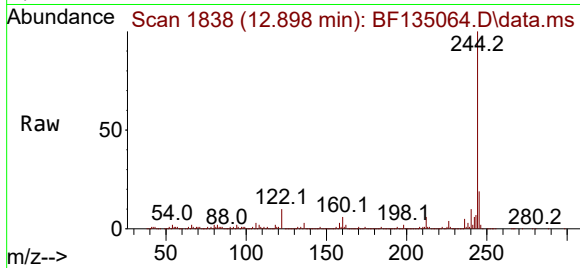
Tgt Ion:202 Resp: 68887
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 17.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 27.845 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135064.D
 Acq: 01 Sep 2023 03:16

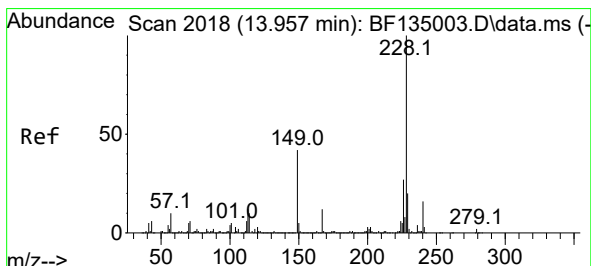
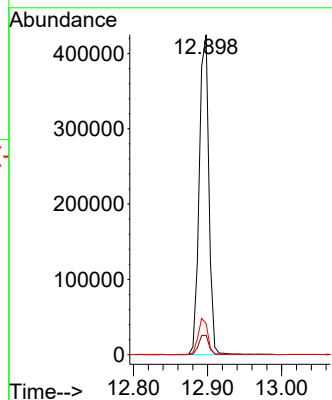
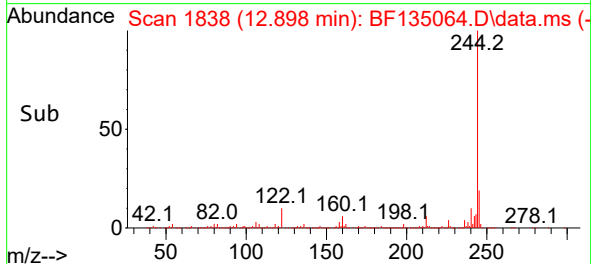
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-8292023



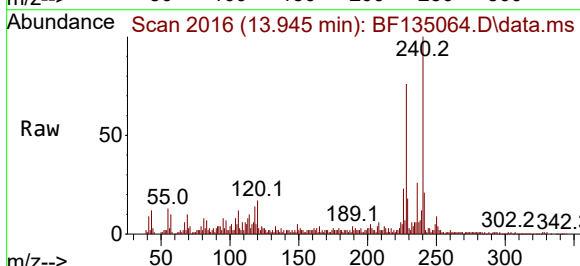
Tgt Ion:244 Resp: 382759
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 9.7 9.8 14.6

Manual Integrations
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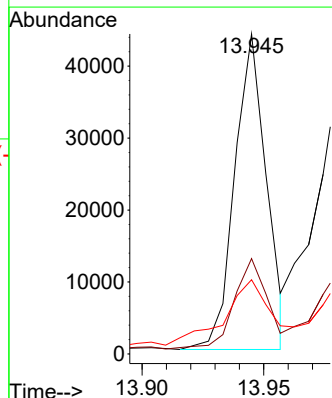
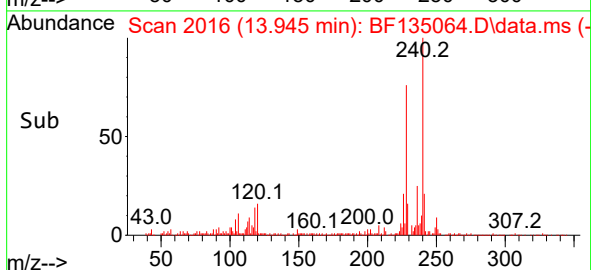
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

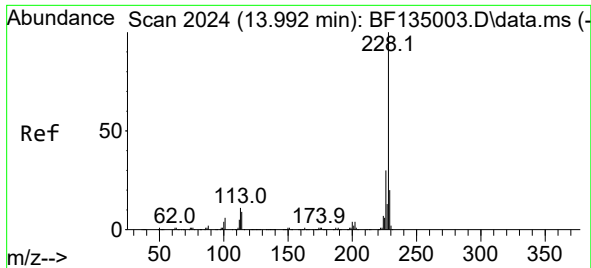


#81
 Benzo(a)anthracene
 Concen: 2.603 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.012 min
 Lab File: BF135064.D
 Acq: 01 Sep 2023 03:16



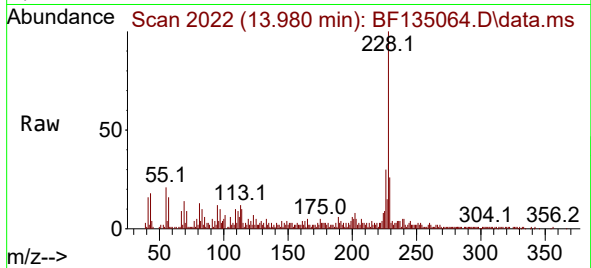
Tgt Ion:228 Resp: 39835
 Ion Ratio Lower Upper
 228 100
 226 29.8 21.6 32.4
 229 23.2 15.6 23.4





#83
Chrysene
Concen: 2.728 ng m
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

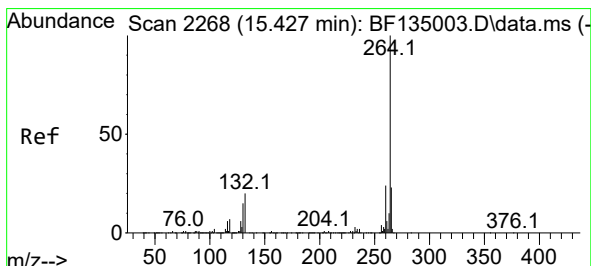
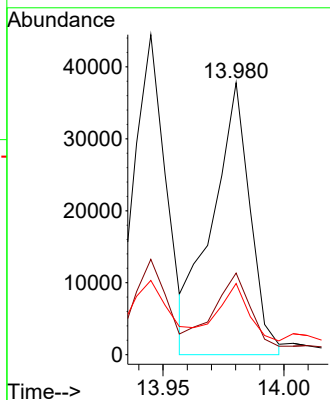
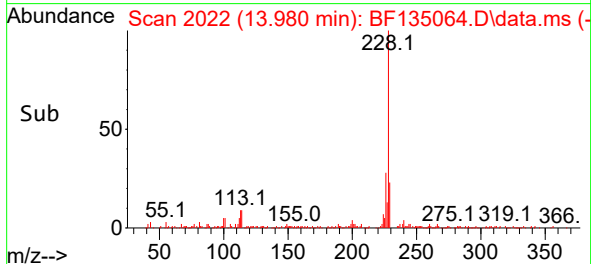
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023



Tgt Ion:228 Resp: 41029
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 26.2 15.9 23.9

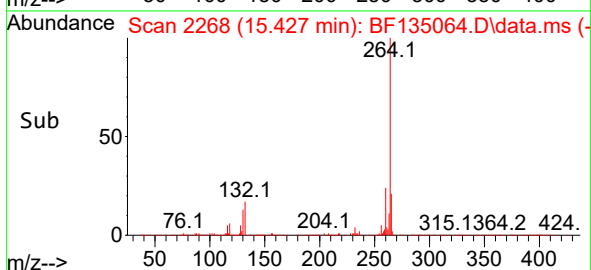
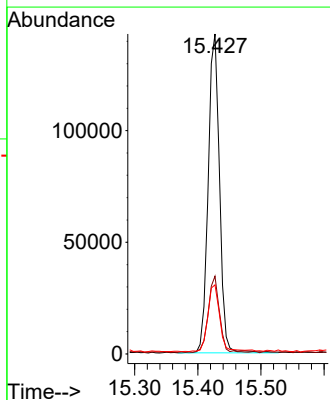
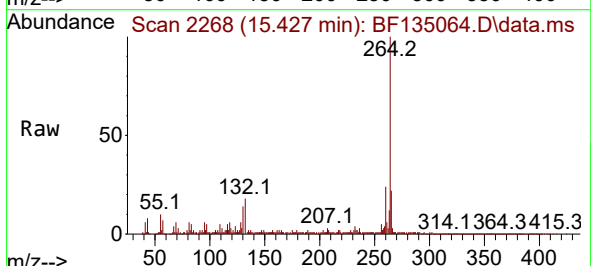
Manual Integrations
APPROVED

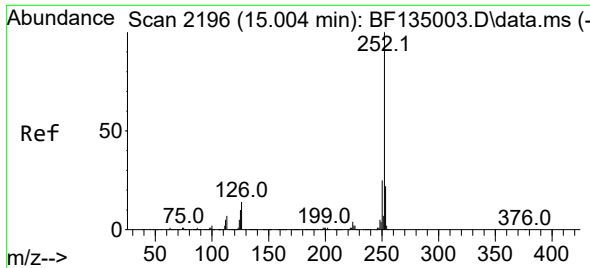
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

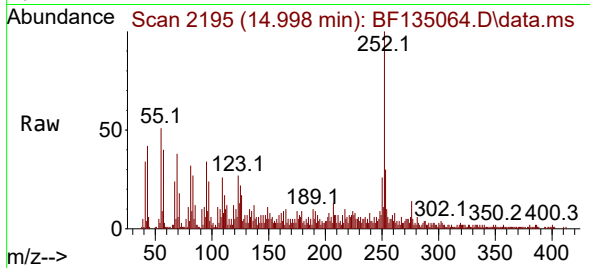
Tgt Ion:264 Resp: 178328
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.6 18.2 27.2





#88
Benzo(b)fluoranthene
Concen: 3.779 ng m
RT: 14.998 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

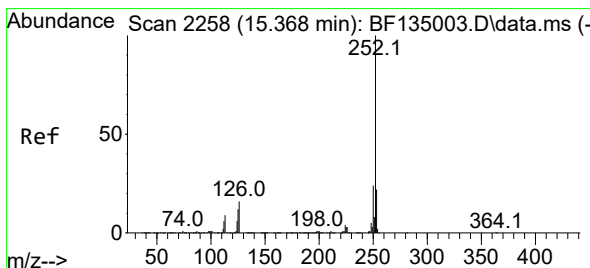
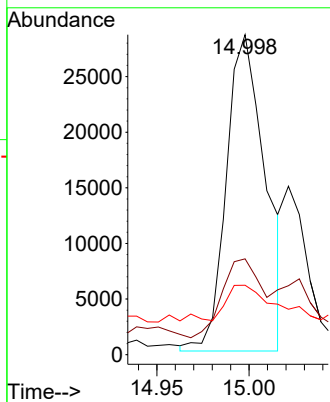
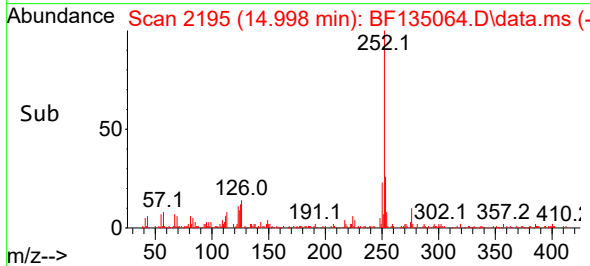
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023



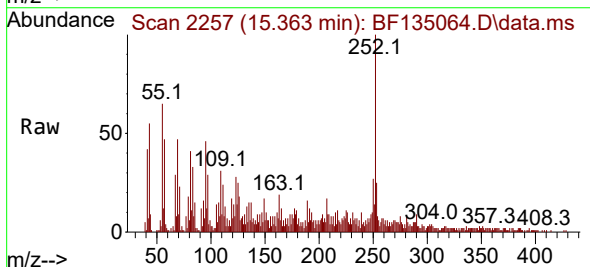
Tgt Ion:252 Resp: 41927
Ion Ratio Lower Upper
252 100
253 30.0 17.8 26.8
125 21.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#90
Benzo(a)pyrene
Concen: 2.627 ng
RT: 15.363 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16



Tgt Ion:252 Resp: 27081
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 24.9 9.5 14.3

