

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135024.D
 Acq On : 31 Aug 2023 01:53
 Operator : CG\JU
 Sample : 04196-29
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-05

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 06:00:16 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	127386	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	496510	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	230649	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	342203	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	224986	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	251366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	689265	83.577	ng	0.00
7) Phenol-d6	6.410	99	839266	81.645	ng	0.00
23) Nitrobenzene-d5	7.334	82	500530	56.636	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	169903	69.442	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	850943	60.066	ng	-0.01
79) Terphenyl-d14	12.898	244	579589	42.040	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	79639	4.511	ng	98
75) Fluoranthene	12.516	202	109900	6.157	ng	98
78) Pyrene	12.751	202	111333	5.212	ng	99
81) Benzo(a)anthracene	13.945	228	49256m	3.209	ng	
83) Chrysene	13.980	228	61534	4.080	ng	98
88) Benzo(b)fluoranthene	14.998	252	78165m	4.998	ng	
90) Benzo(a)pyrene	15.357	252	49194	3.386	ng	98

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

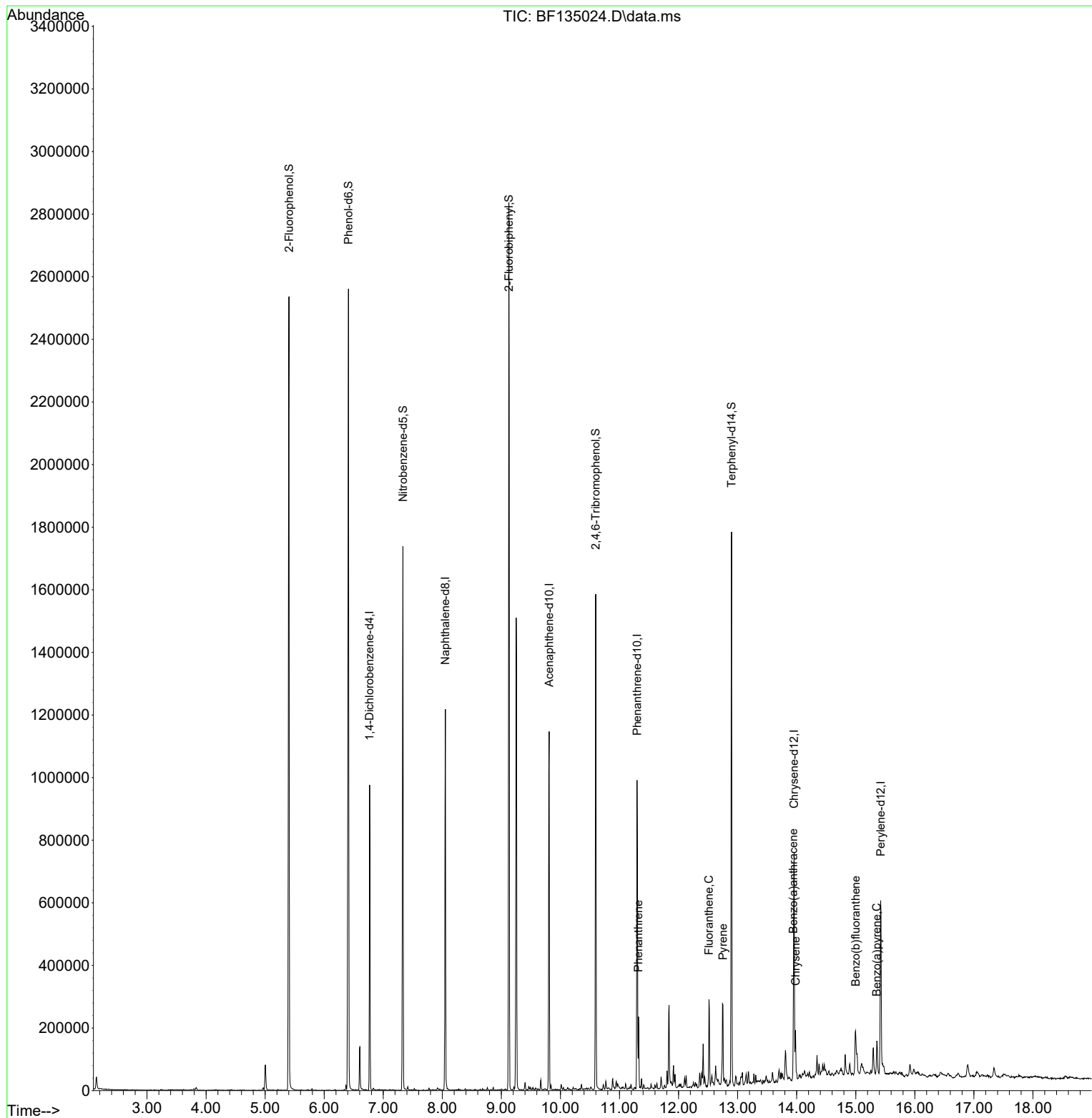
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135024.D
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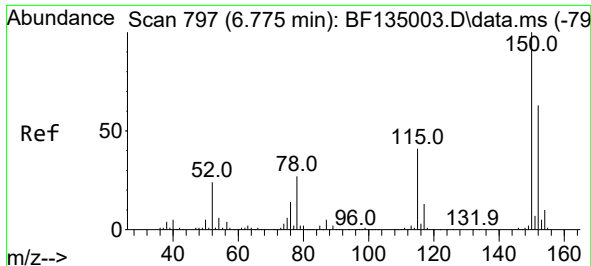
Instrument :
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OR-345-COMP-05

Quant Time: Aug 31 06:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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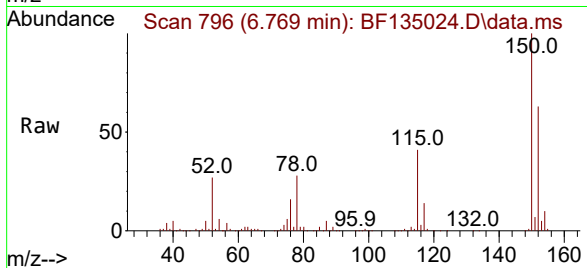
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

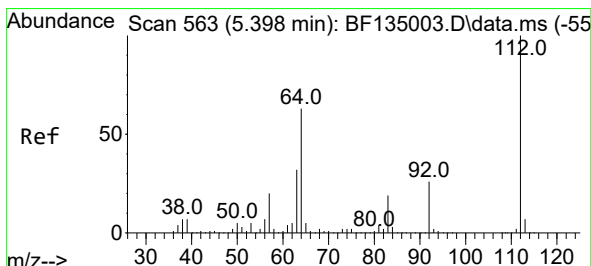
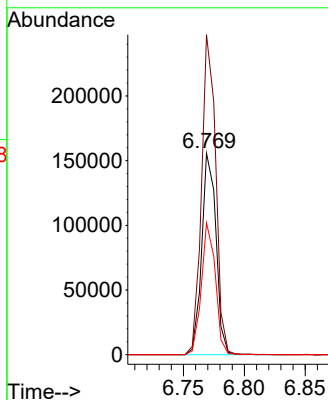
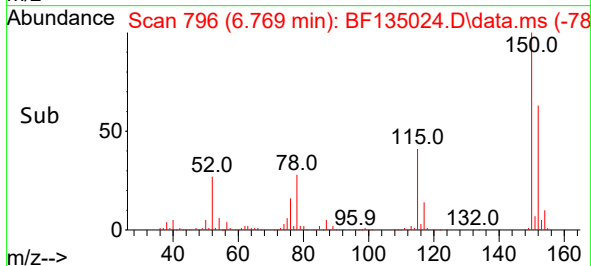
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-05



Tgt Ion:152 Resp: 127380
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.4
115 65.4 51.2 76.8

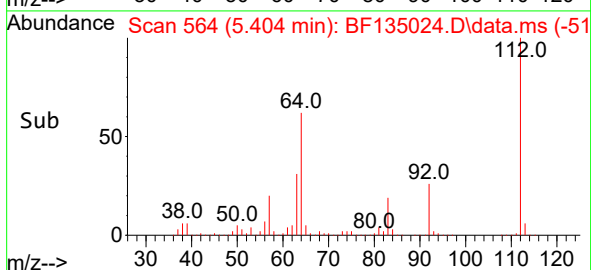
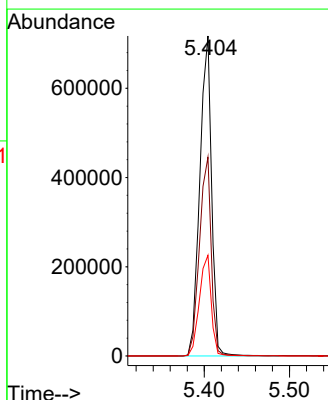
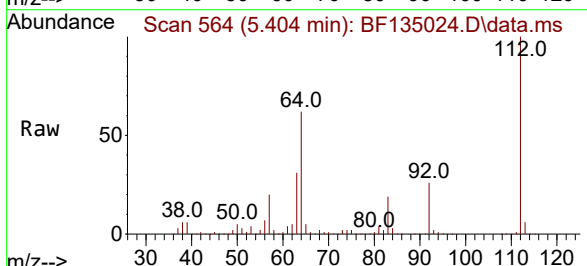
Manual Integrations
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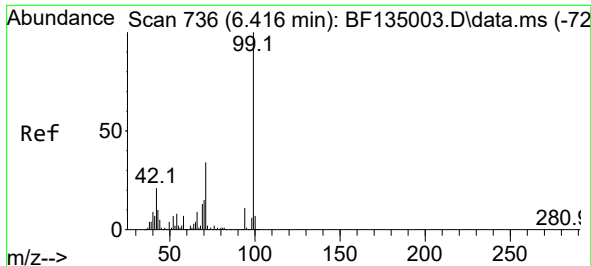
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#5
2-Fluorophenol
Concen: 83.577 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

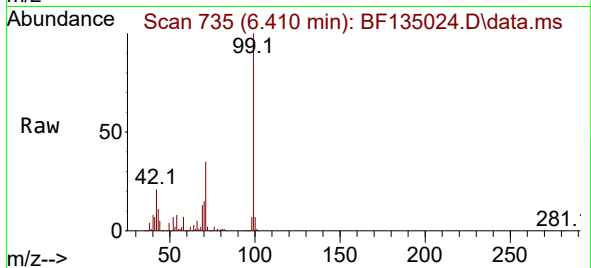
Tgt Ion:112 Resp: 689265
Ion Ratio Lower Upper
112 100
64 62.1 50.5 75.7
63 31.4 25.9 38.9





#7
Phenol-d6
Concen: 81.645 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

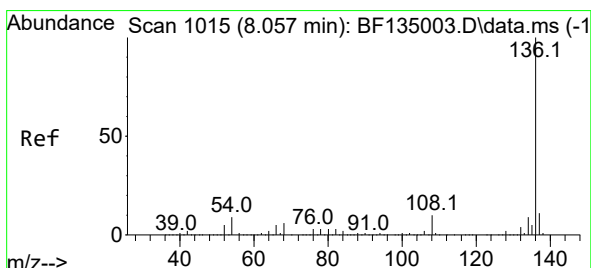
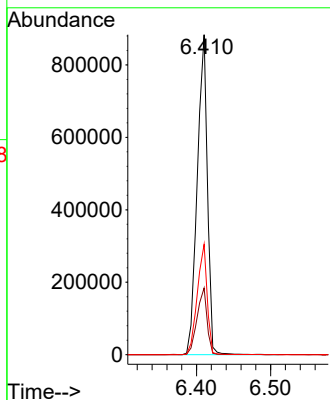
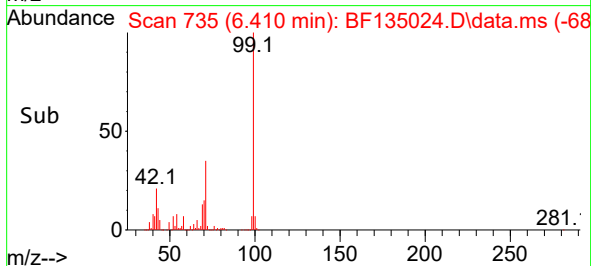
Instrument :
BNA_F
ClientSampleId :
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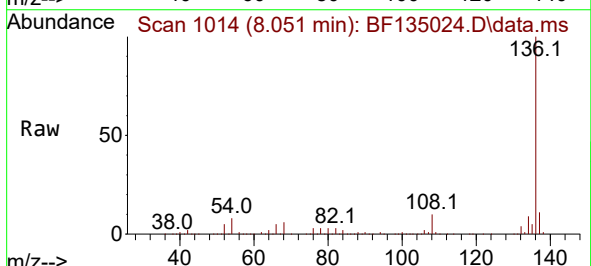
Tgt Ion: 99 Resp: 839260
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 34.5 27.0 40.6

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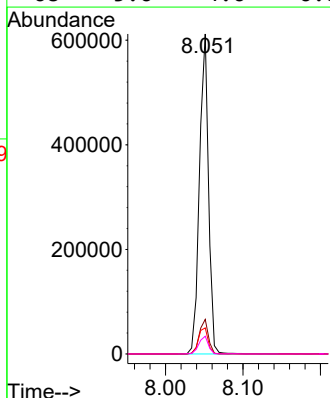
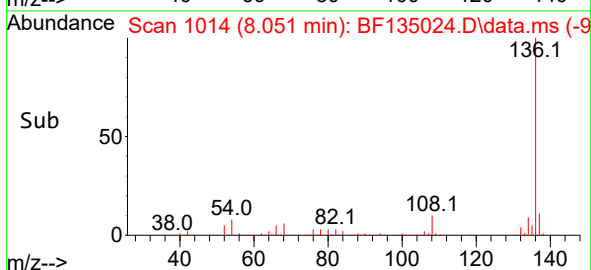
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

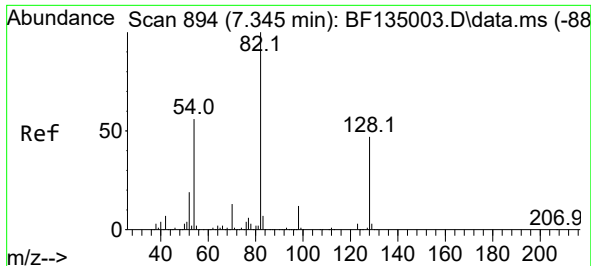


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53



Tgt Ion:136 Resp: 496510
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 7.0 10.4
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 56.636 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135024.D

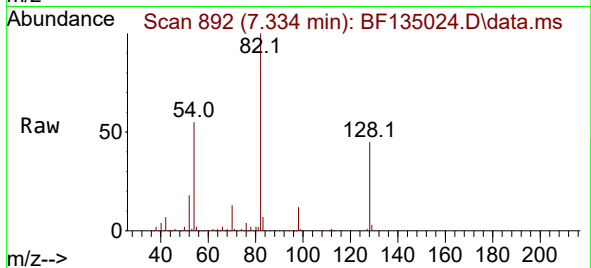
Acq: 31 Aug 2023 01:53

Instrument :

BNA_F

ClientSampleId :

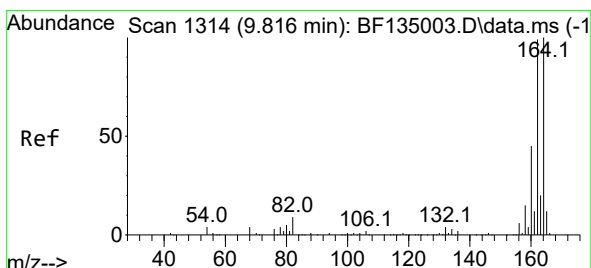
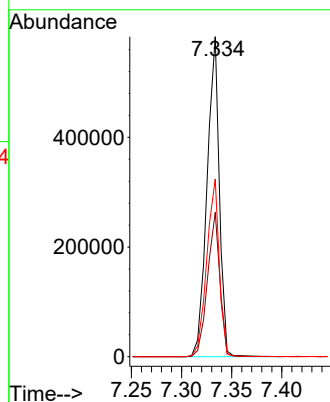
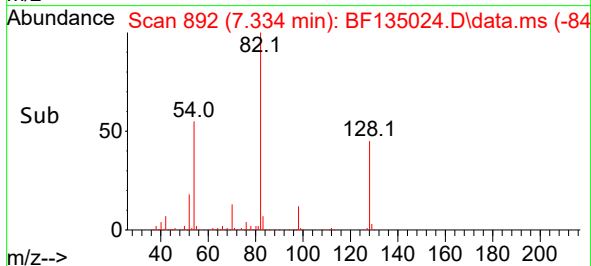
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Tgt Ion:	82	Resp:	500530
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.8	56.8
54	55.5	45.0	67.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

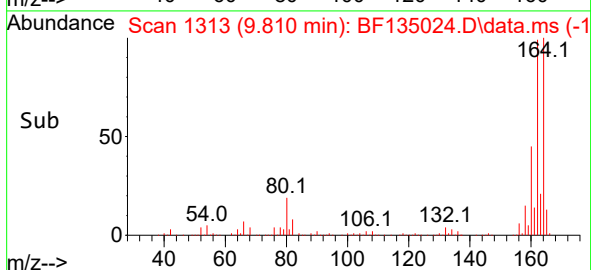
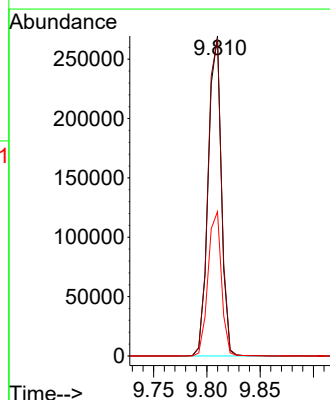
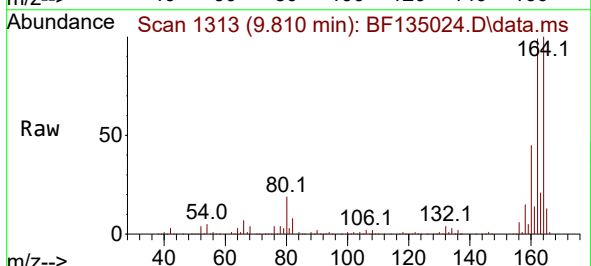
RT: 9.810 min Scan# 1313

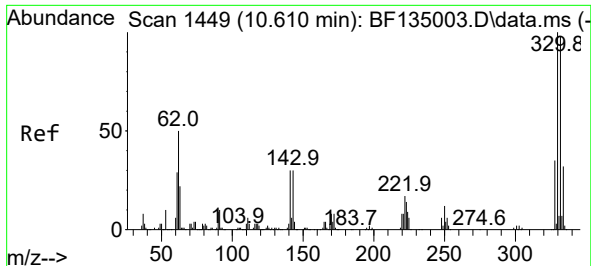
Delta R.T. -0.006 min

Lab File: BF135024.D

Acq: 31 Aug 2023 01:53

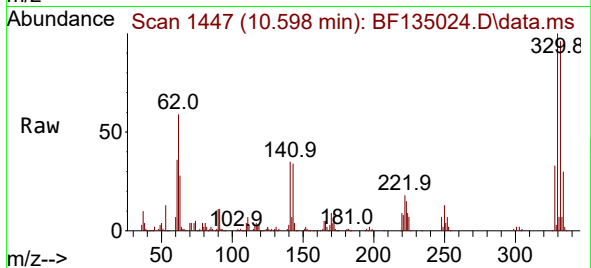
Tgt Ion:	164	Resp:	230649
Ion Ratio	Lower	Upper	
164	100		
162	99.3	79.5	119.3
160	45.1	36.0	54.0





#42
2,4,6-Tribromophenol
Concen: 69.442 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

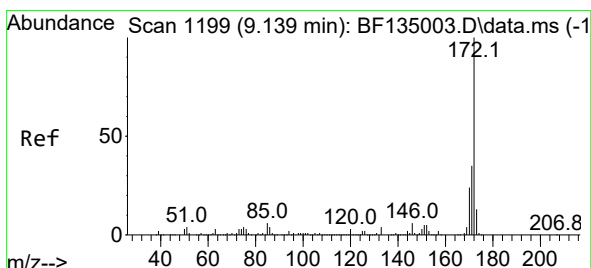
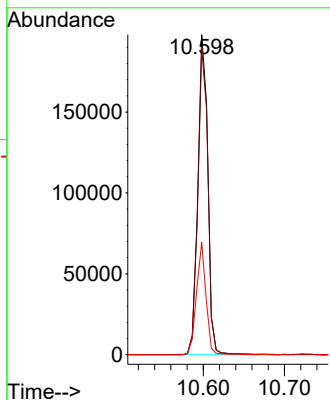
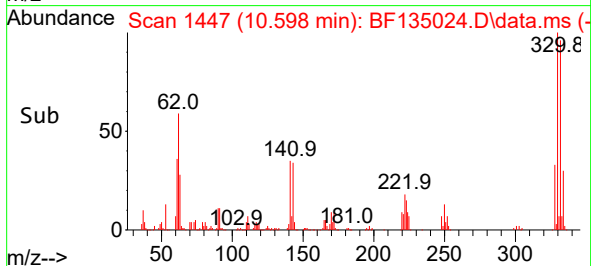
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-05



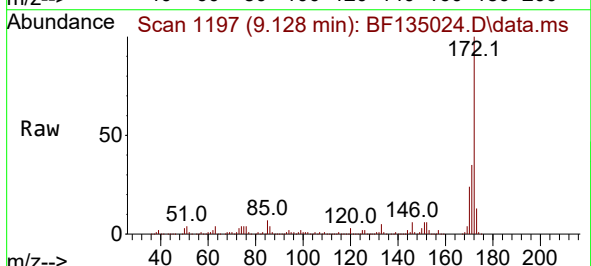
Tgt Ion:330 Resp: 16990
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 33.5 26.3 39.5

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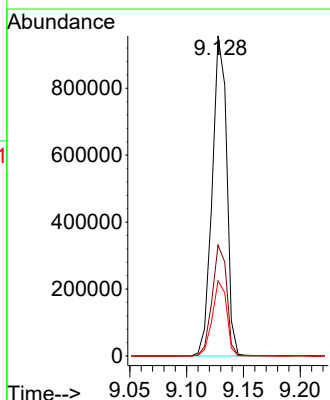
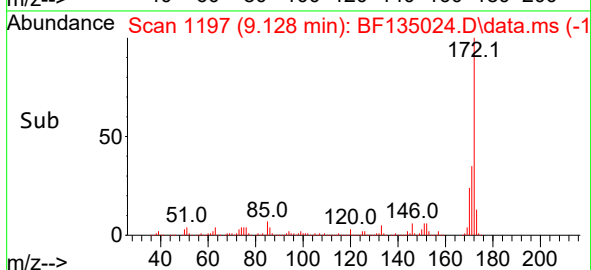
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

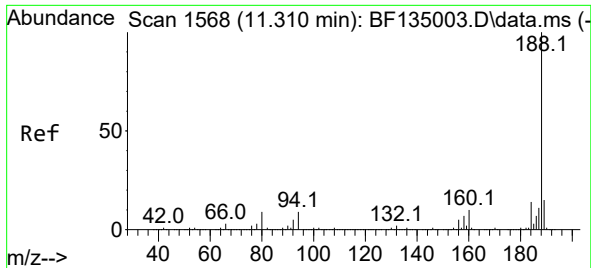


#45
2-Fluorobiphenyl
Concen: 60.066 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53



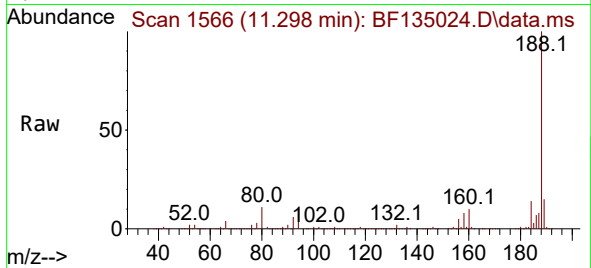
Tgt Ion:172 Resp: 850943
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

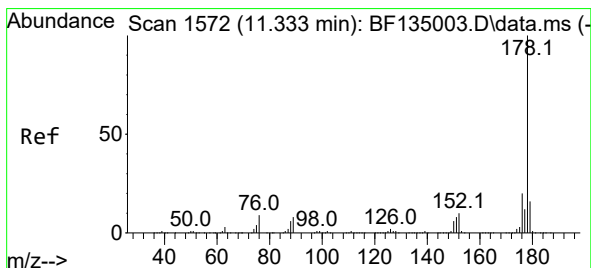
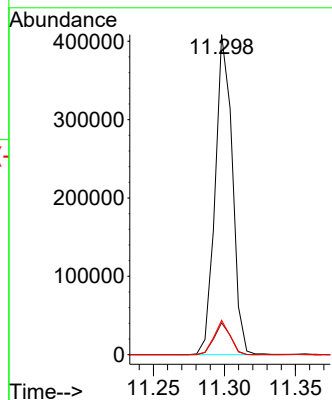
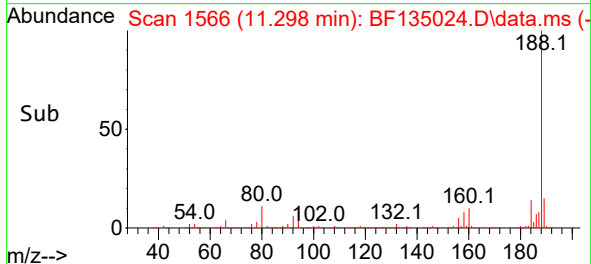
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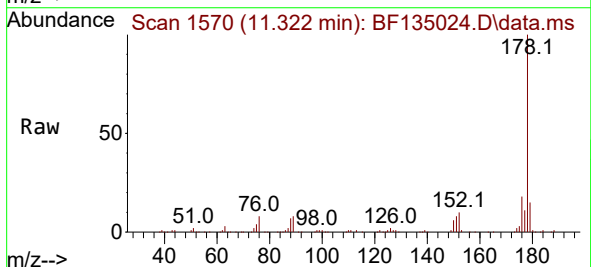
Tgt Ion:188 Resp: 34220
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.8 7.4 11.2

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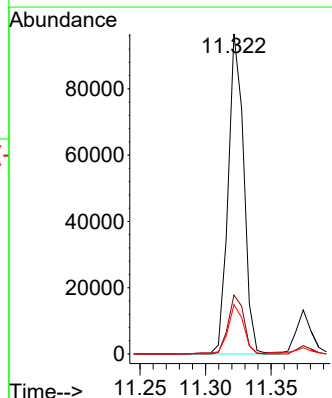
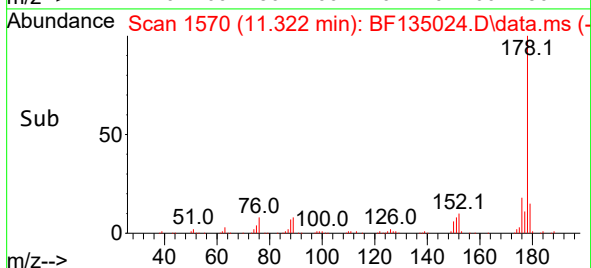
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

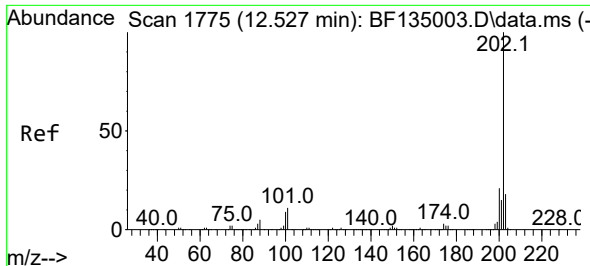


#71
Phenanthrene
Concen: 4.511 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53



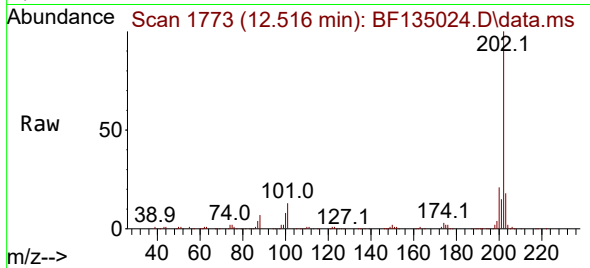
Tgt Ion:178 Resp: 79639
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.4 12.5 18.7





#75
Fluoranthene
Concen: 6.157 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

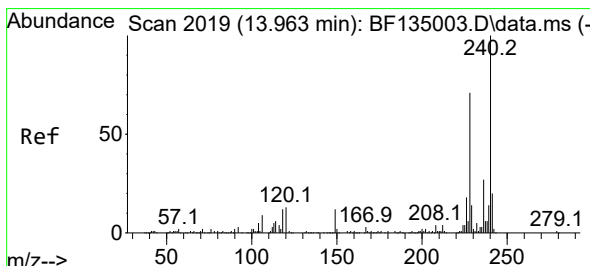
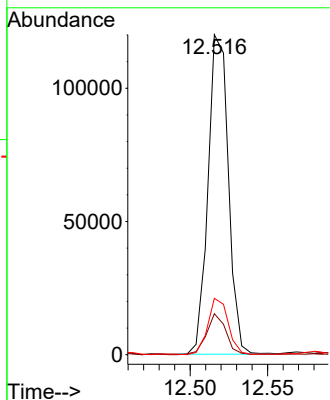
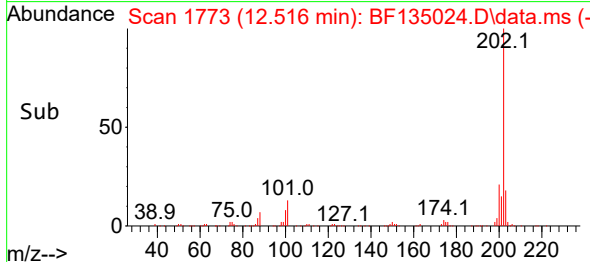
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-05



Tgt Ion:202 Resp: 109900
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.5
203 17.6 0.0 37.8

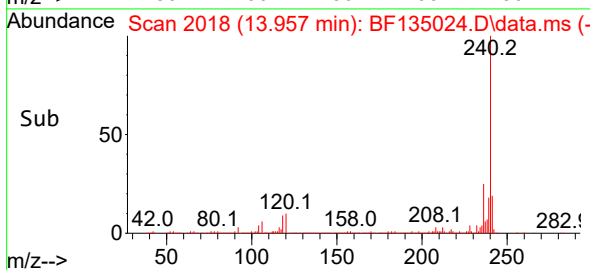
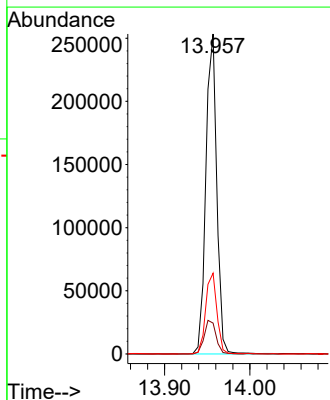
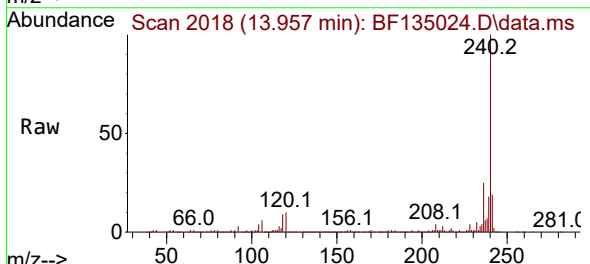
Manual Integrations
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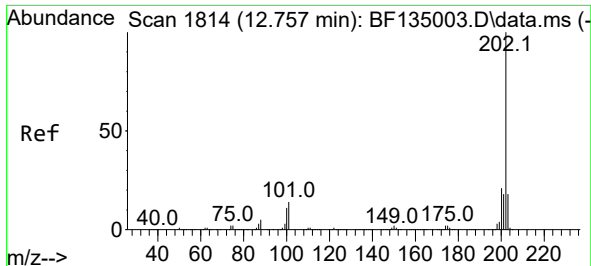
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

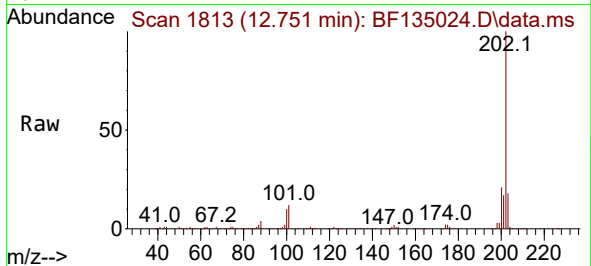
Tgt Ion:240 Resp: 224986
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.2#
236 25.2 21.3 31.9





#78
Pyrene
Concen: 5.212 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

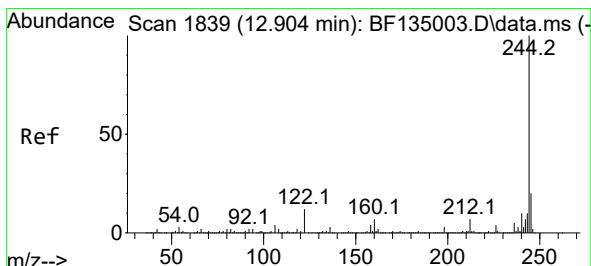
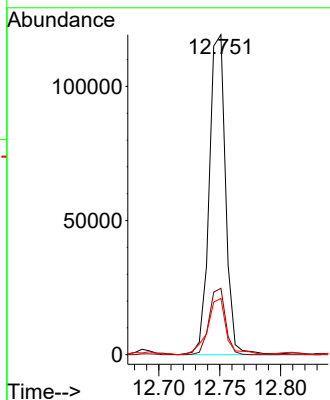
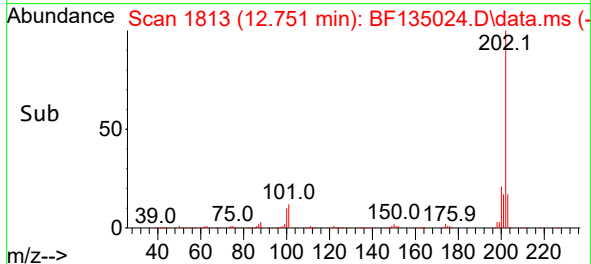
Instrument :
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OR-345-COMP-05



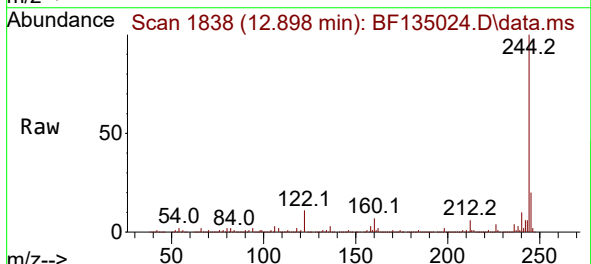
Tgt Ion:202 Resp: 11133
Ion Ratio Lower Upper
202 100
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203 17.6 14.2 21.2

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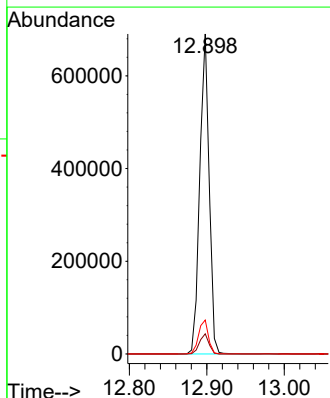
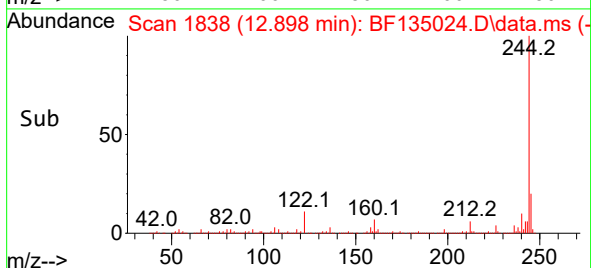
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

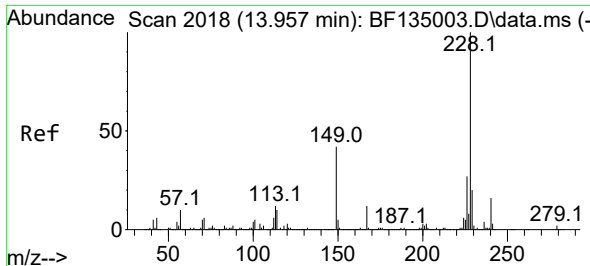


#79
Terphenyl-d14
Concen: 42.040 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53



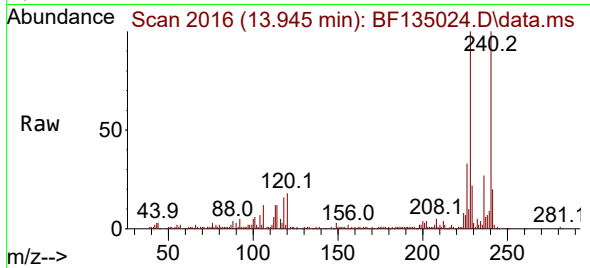
Tgt Ion:244 Resp: 579589
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.6 9.8 14.6





#81
Benzo(a)anthracene
Concen: 3.209 ng m
RT: 13.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

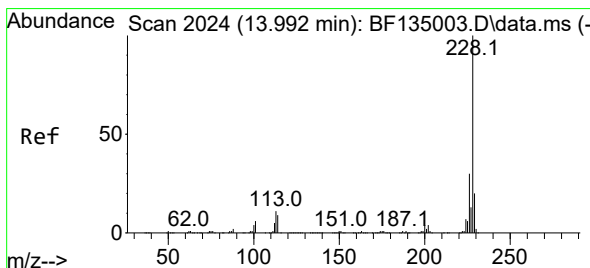
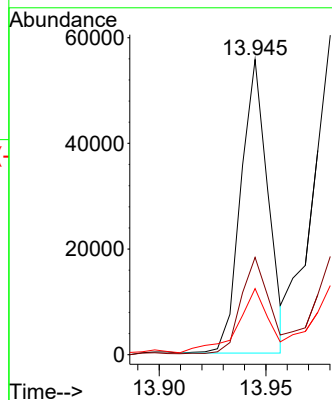
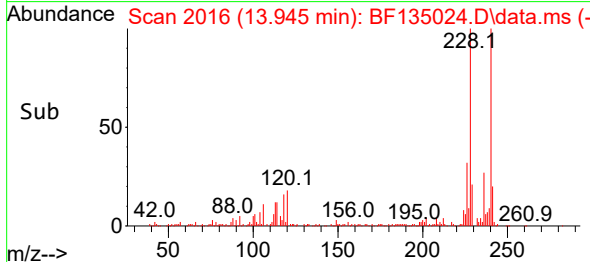
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-05



Tgt Ion:228 Resp: 49250
Ion Ratio Lower Upper
228 100
226 32.9 21.6 32.4
229 22.4 15.6 23.4

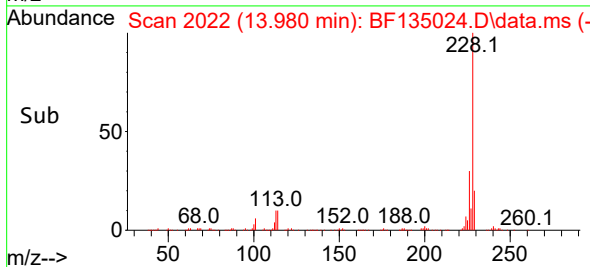
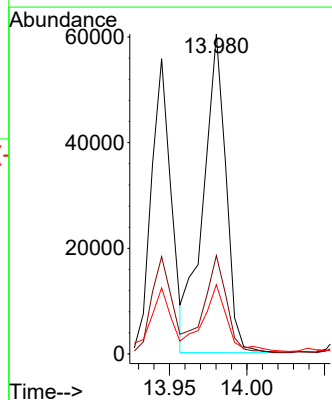
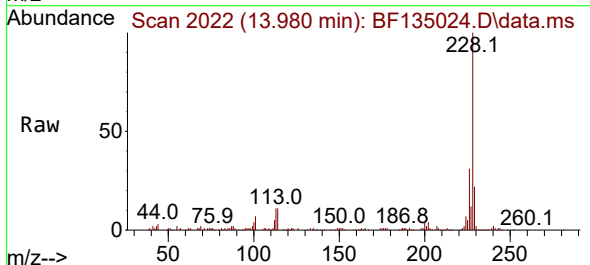
Manual Integrations
APPROVED

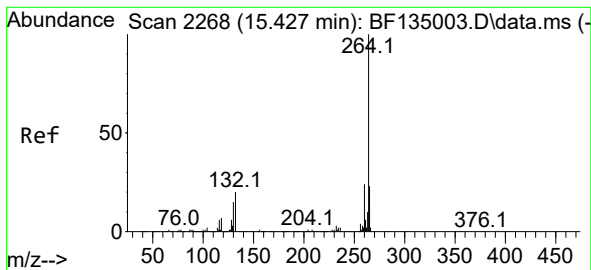
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023



#83
Chrysene
Concen: 4.080 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

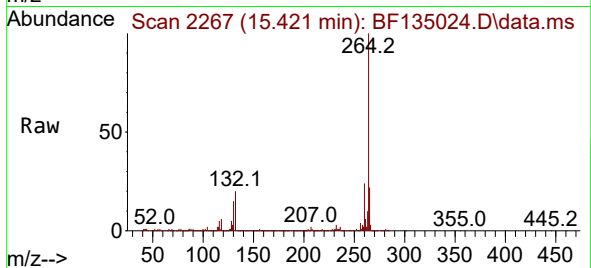
Tgt Ion:228 Resp: 61534
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 21.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

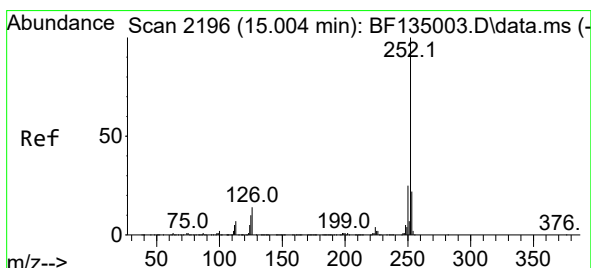
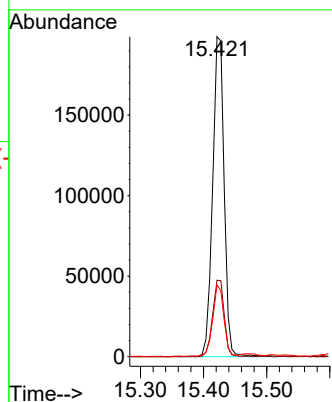
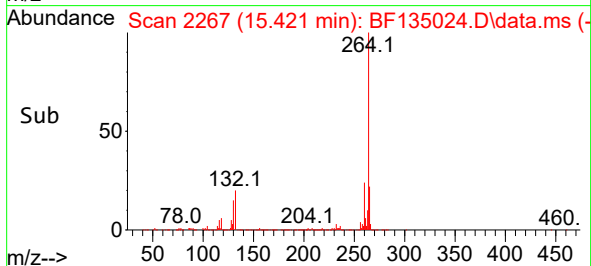
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-05



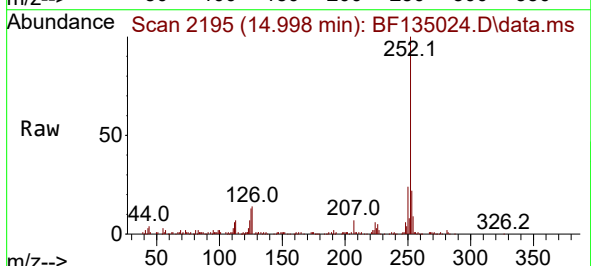
Tgt Ion:264 Resp: 251360
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.4 18.2 27.2

Manual Integrations
APPROVED

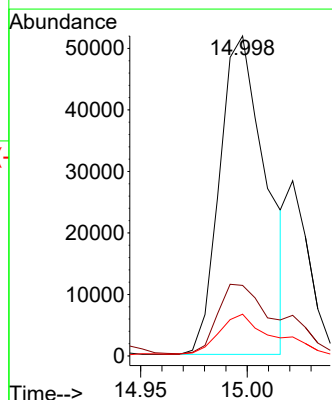
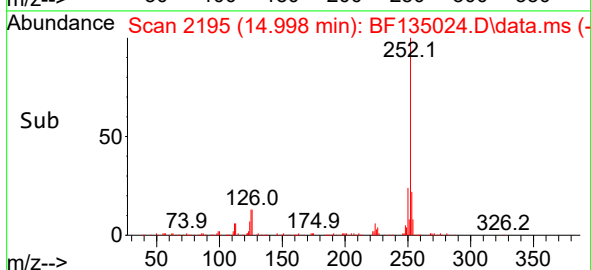
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

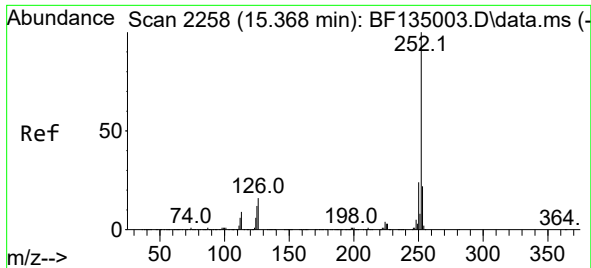


#88
Benzo(b)fluoranthene
Concen: 4.998 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53



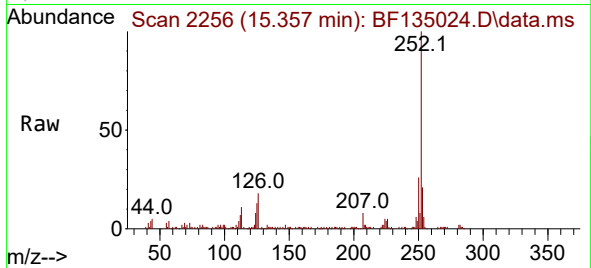
Tgt Ion:252 Resp: 78165
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.0 8.4 12.6#





#90
Benzo(a)pyrene
Concen: 3.386 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135024.D
Acq: 31 Aug 2023 01:53

Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-05



Tgt Ion:252 Resp: 49194
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 13.2 9.5 14.3

Manual Integrations
APPROVED

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

