

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135228.D
 Acq On : 13 Sep 2023 18:09
 Operator : CG\JU
 Sample : 04363-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-227

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 18:34:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	133969	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	505300	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	213507	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	255366	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	228699	20.000	ng	0.00
86) Perylene-d12	15.415	264	291403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	436926	53.045	ng	0.00
7) Phenol-d6	6.404	99	568489	54.278	ng	0.00
23) Nitrobenzene-d5	7.322	82	369145	39.690	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	102691	48.399	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	659957	46.635	ng	0.00
79) Terphenyl-d14	12.898	244	422762	28.656	ng	0.00
Target Compounds						
66) n-Nitrosodiphenylamine	10.469	169	17958	2.323	ng	# 51
75) Fluoranthene	12.527	202	39051	3.103	ng	88
84) Bis(2-ethylhexyl)phtha...	13.939	149	19069	2.424	ng	# 83
88) Benzo(b)fluoranthene	14.986	252	34336m	2.177	ng	

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

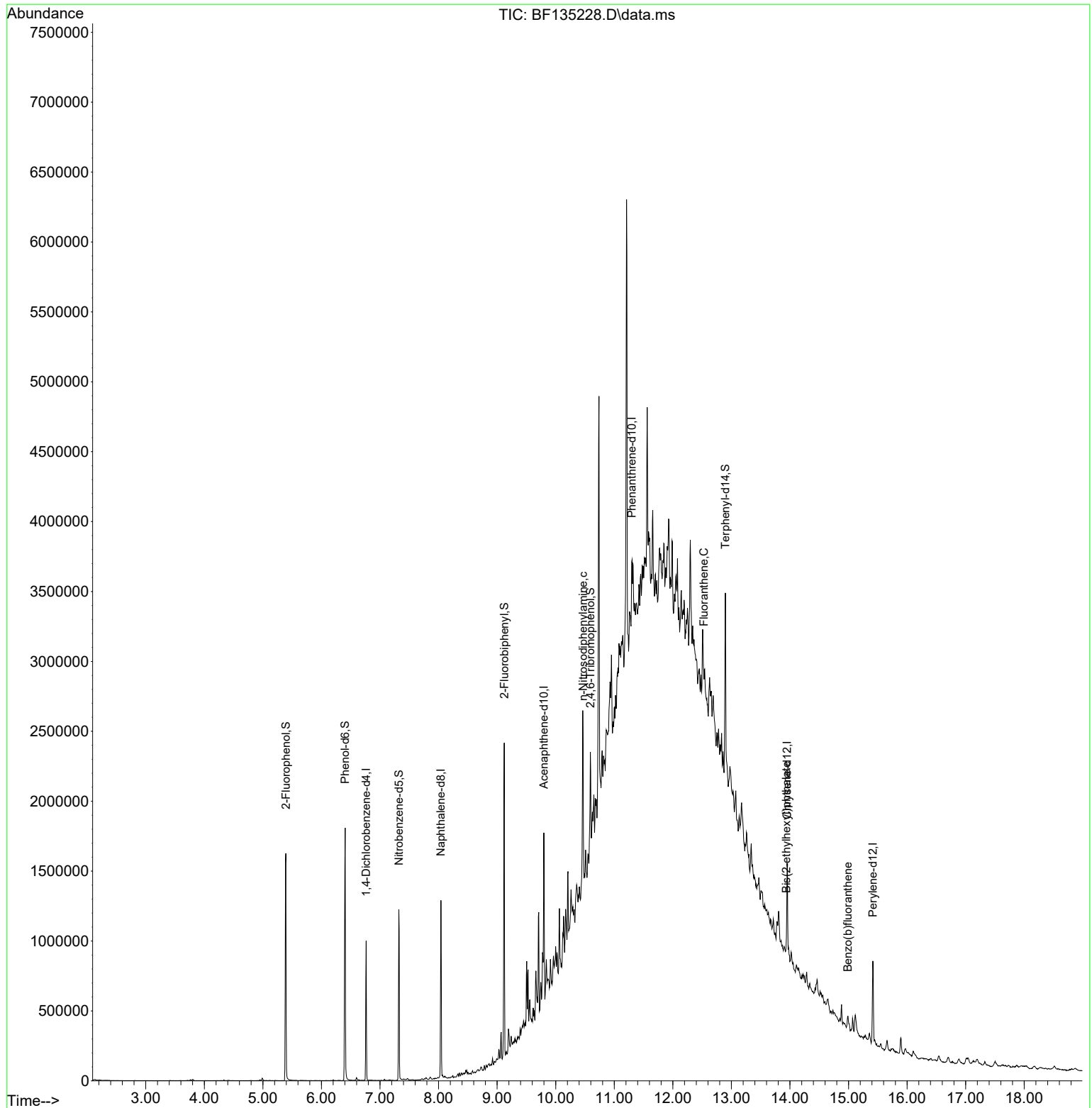
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135228.D
Acq On : 13 Sep 2023 18:09
Operator : CG\JU
Sample : 04363-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

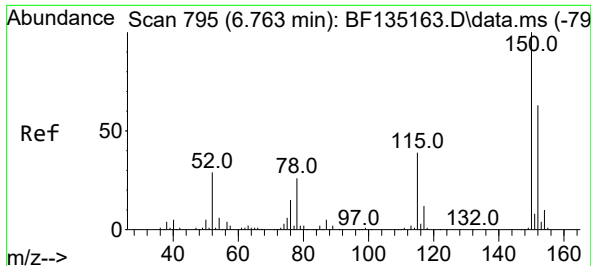
Instrument :
BNA_F
ClientSampleId :
VNJ-227

Quant Time: Sep 13 18:34:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

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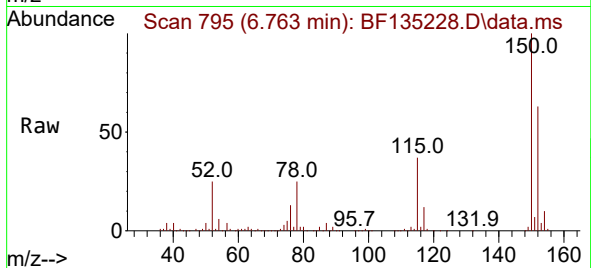
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

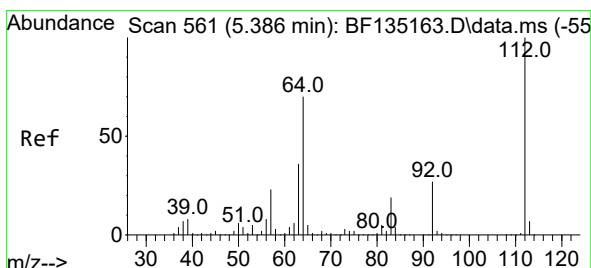
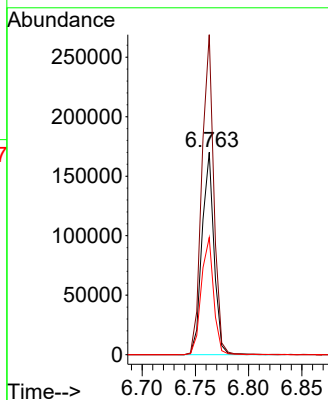
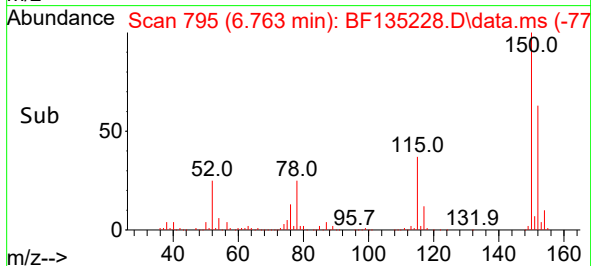
Instrument :
BNA_F
ClientSampleId :
VNJ-227



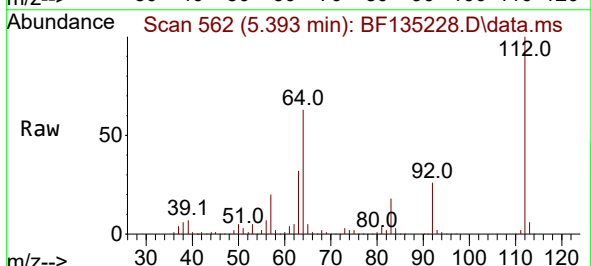
Tgt Ion:152 Resp: 133969
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 57.9 49.8 74.8

Manual Integrations
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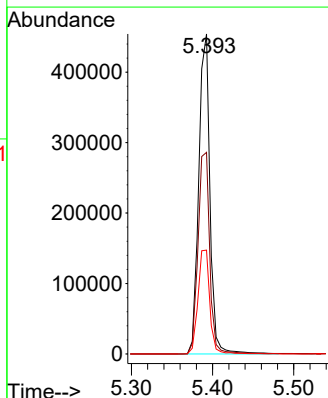
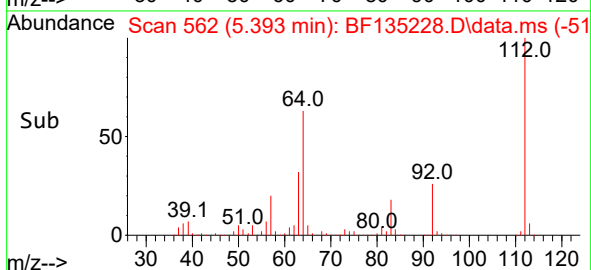
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

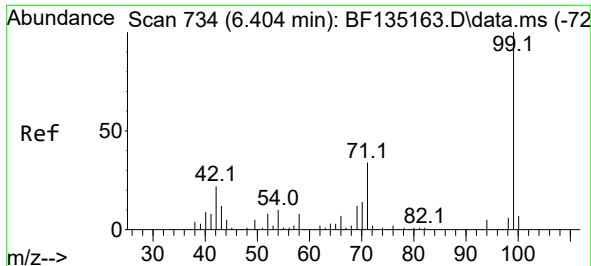


#5
2-Fluorophenol
Concen: 53.045 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09



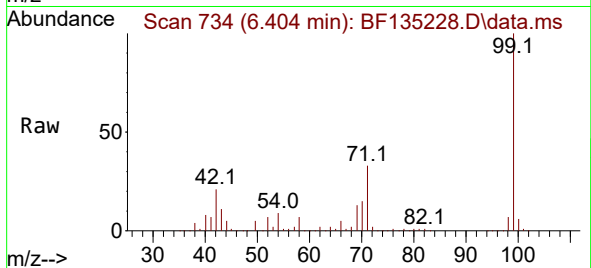
Tgt Ion:112 Resp: 436926
Ion Ratio Lower Upper
112 100
64 63.0 55.9 83.9
63 32.5 29.0 43.6





#7
Phenol-d6
Concen: 54.278 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

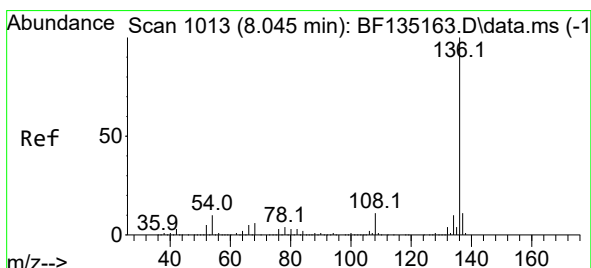
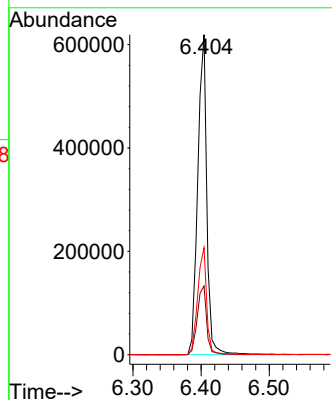
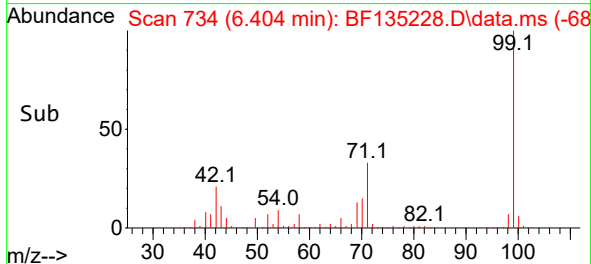
Instrument :
BNA_F
ClientSampleId :
VNJ-227



Tgt Ion: 99 Resp: 568489
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 33.4 27.0 40.6

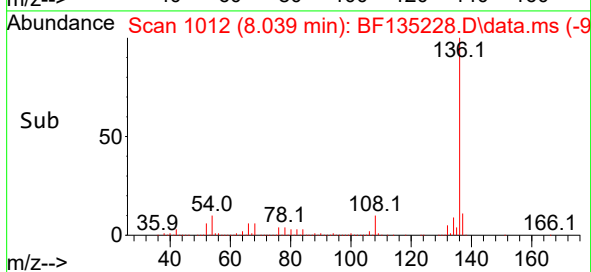
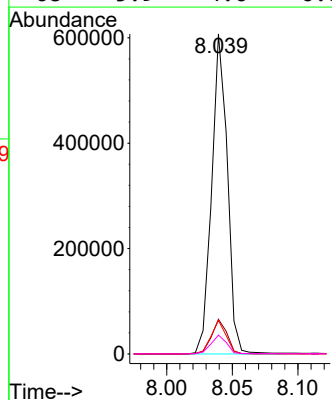
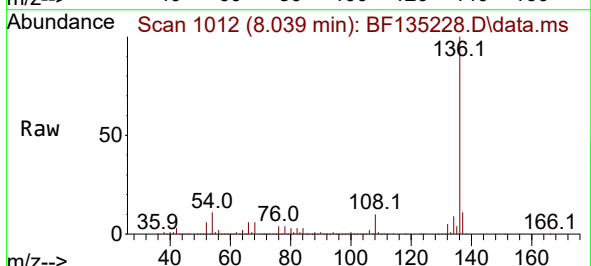
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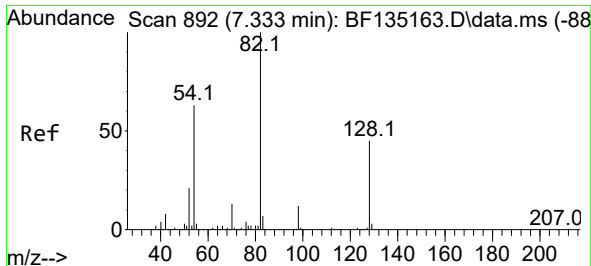
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion:136 Resp: 505300
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.5 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 39.690 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

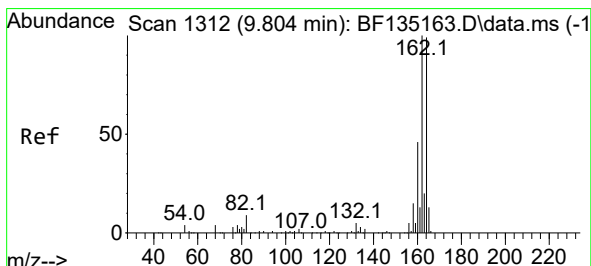
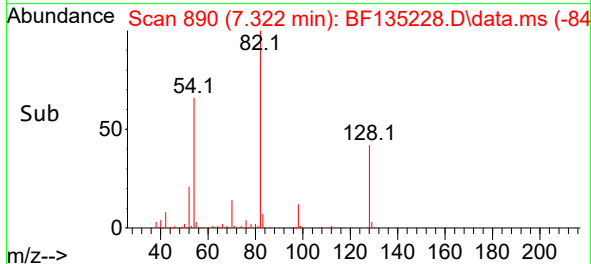
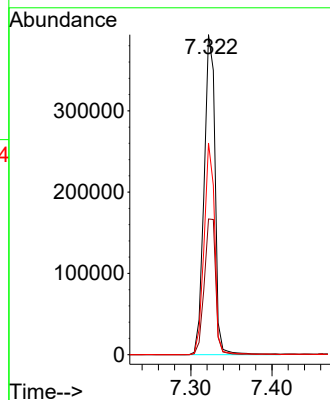
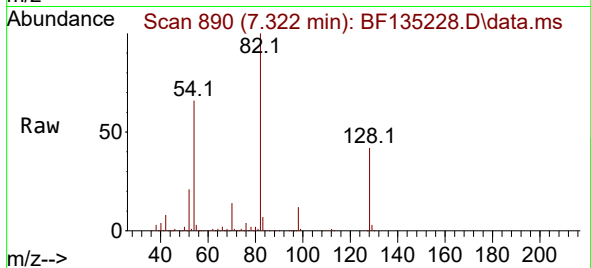
VNJ-227

Tgt Ion: 82 Resp: 36914

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.8	53.6
54	66.2	50.6	76.0

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Supervised By :mohammad ahmed 09/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

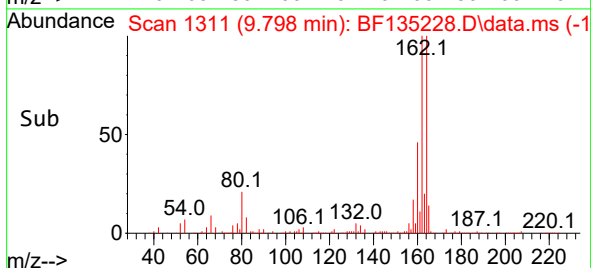
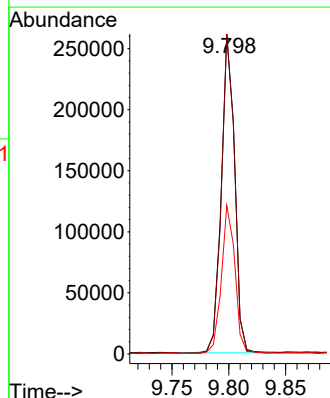
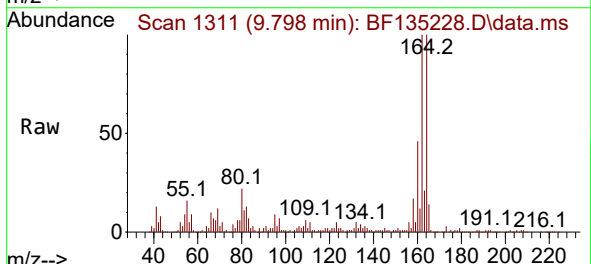
Delta R.T. -0.006 min

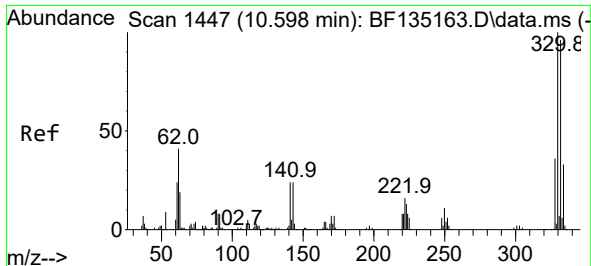
Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Tgt Ion:164 Resp: 213507

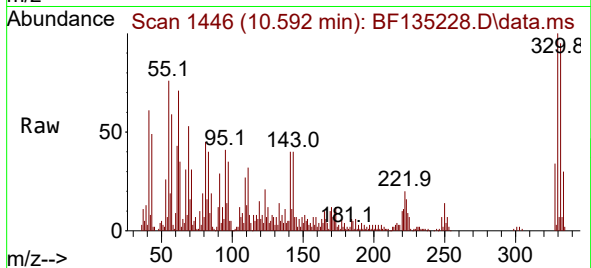
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.4
160	46.5	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 48.399 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

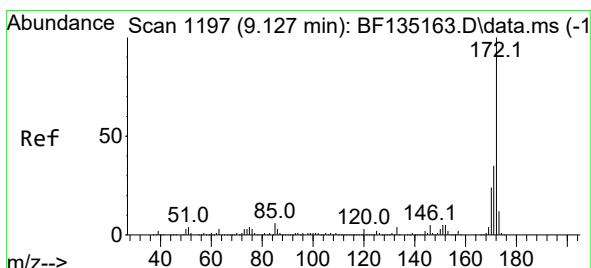
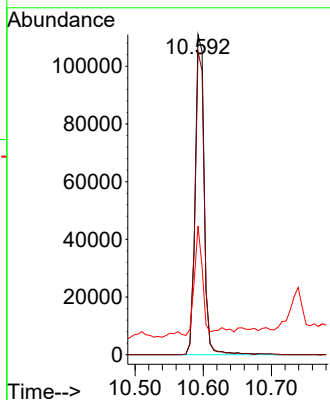
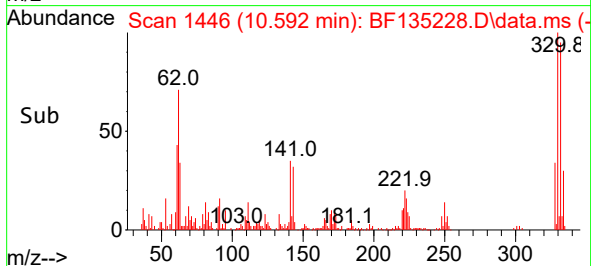
Instrument :
BNA_F
ClientSampleId :
VNJ-227



Tgt Ion: 330 Resp: 10269
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 30.4 25.8 38.8

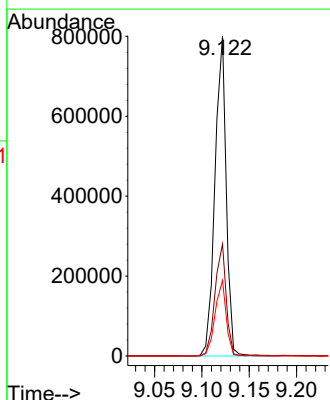
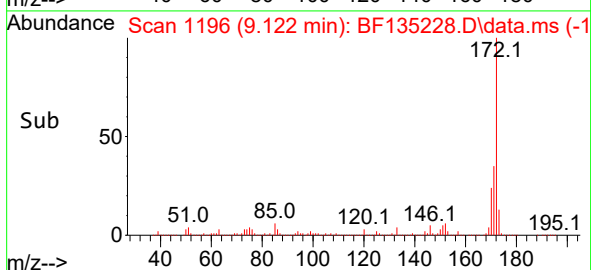
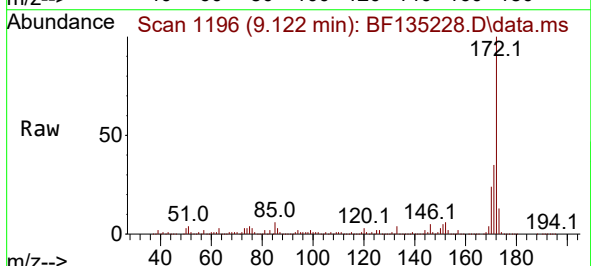
Manual Integrations
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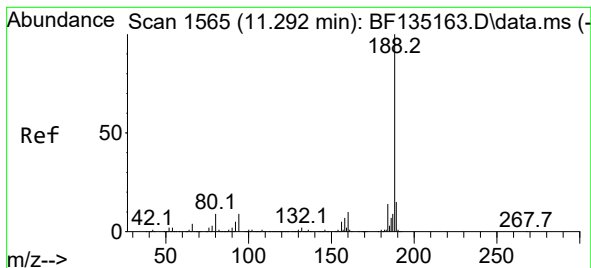
Reviewed By : Yogesh Patel 09/14/2023
Supervised By : mohammad ahmed 09/14/2023



#45
2-Fluorobiphenyl
Concen: 46.635 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

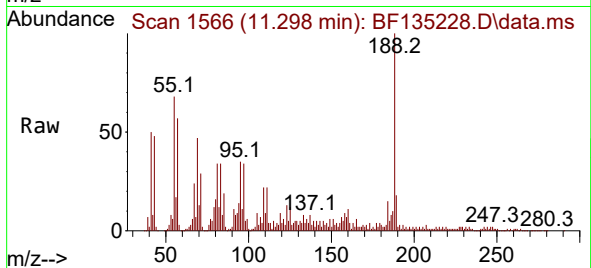
Tgt Ion: 172 Resp: 659957
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

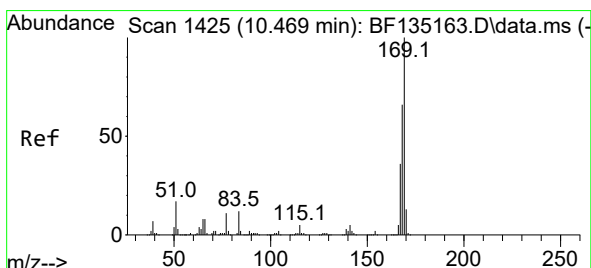
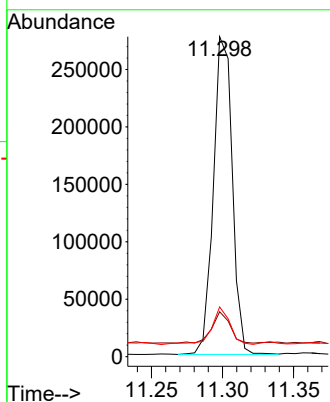
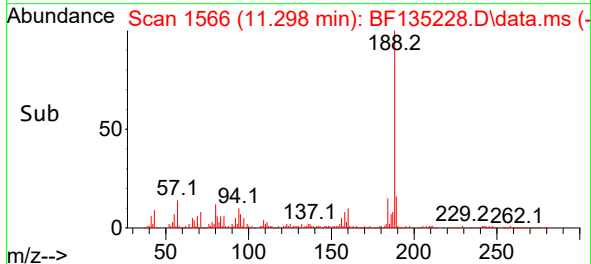
Instrument :
BNA_F
ClientSampleId :
VNJ-227



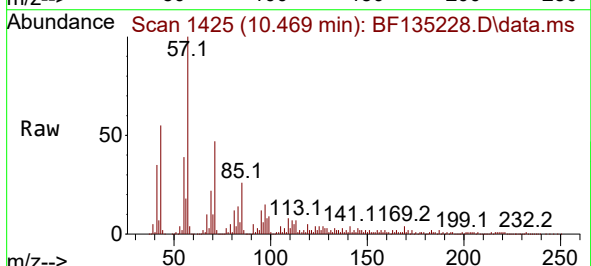
Tgt Ion:188 Resp: 255360
Ion Ratio Lower Upper
188 100
94 14.0 7.0 10.6
80 15.6 7.5 11.3

Manual Integrations
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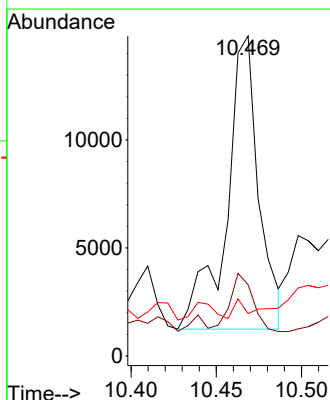
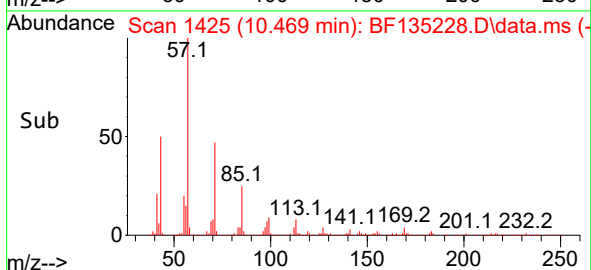
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

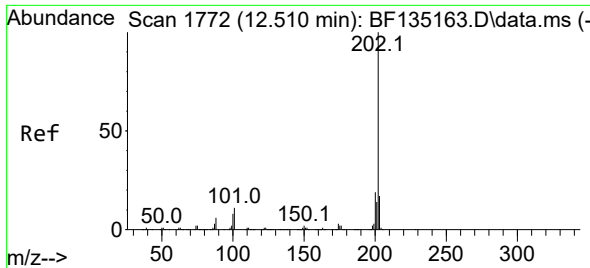


#66
n-Nitrosodiphenylamine
Concen: 2.323 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09



Tgt Ion:169 Resp: 17958
Ion Ratio Lower Upper
169 100
168 22.3 52.8 79.2#
167 13.3 29.0 43.6#





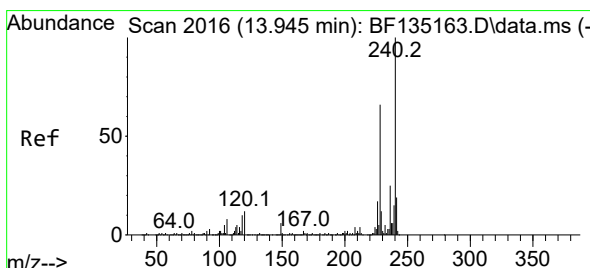
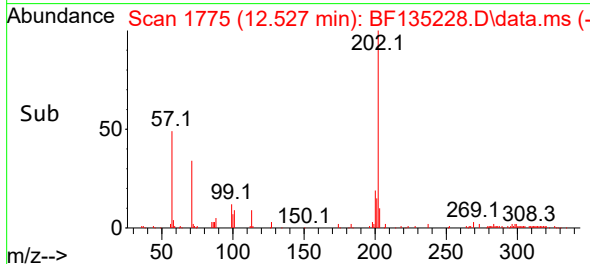
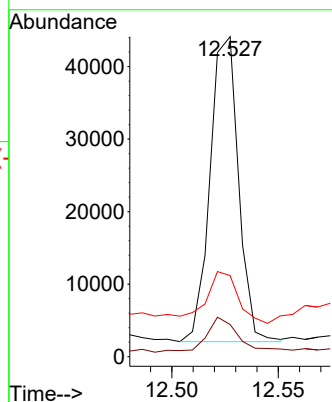
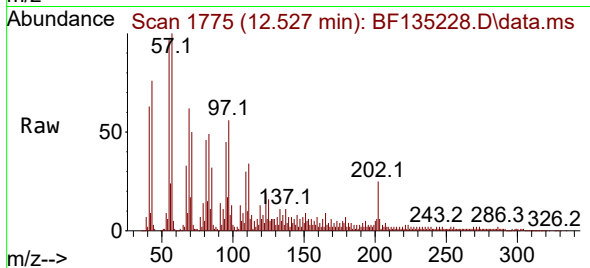
#75
Fluoranthene
Concen: 3.103 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Instrument :
BNA_F
ClientSampleId :
VNJ-227

Tgt Ion:202 Resp: 3905
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.3
203 25.3 0.0 37.4

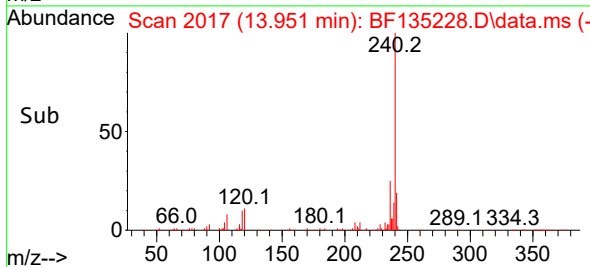
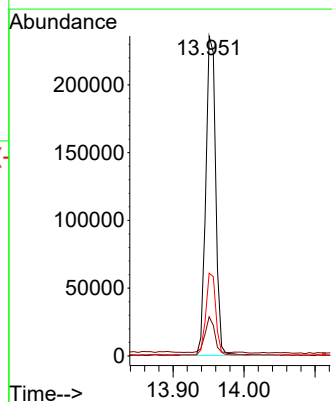
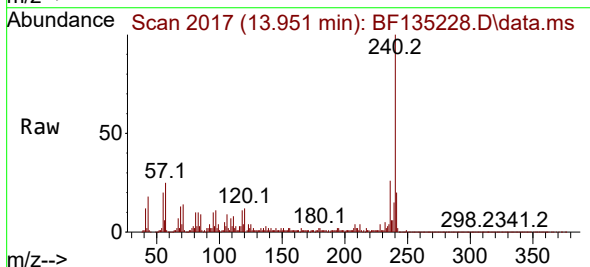
Manual Integrations
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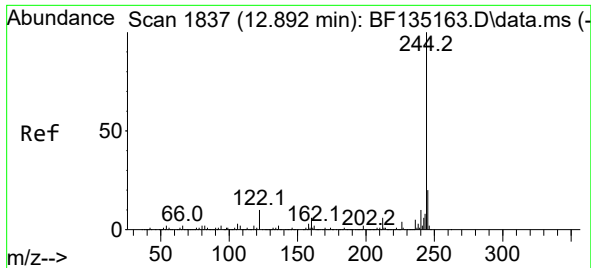
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135228.D
Acq: 13 Sep 2023 18:09

Tgt Ion:240 Resp: 228699
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.9 19.8 29.8





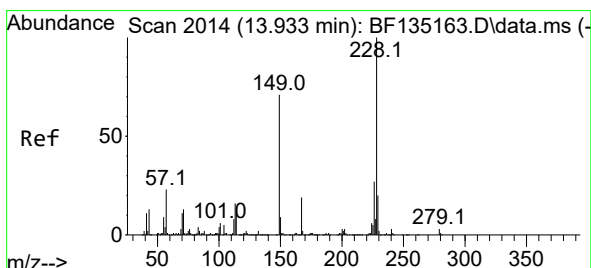
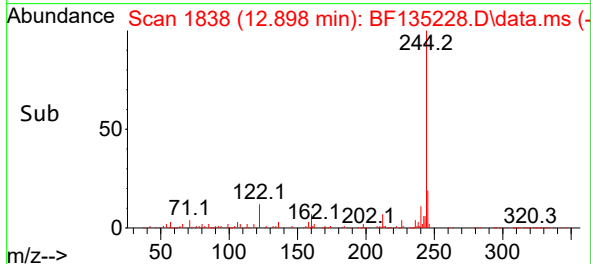
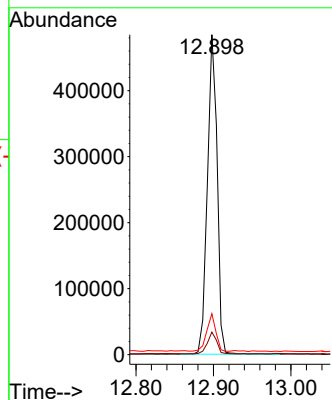
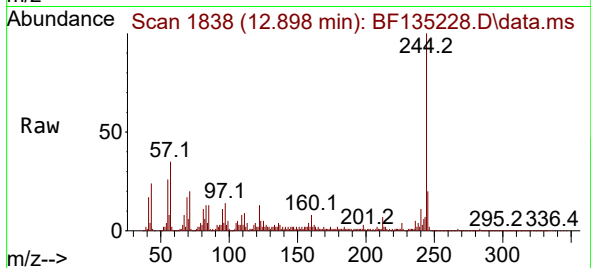
#79
 Terphenyl-d14
 Concen: 28.656 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF135228.D
 Acq: 13 Sep 2023 18:09

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-227

Tgt Ion:244 Resp: 422762
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.8 7.9 11.9

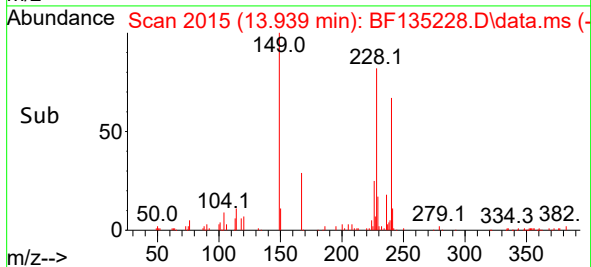
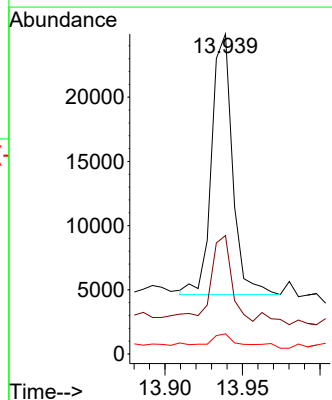
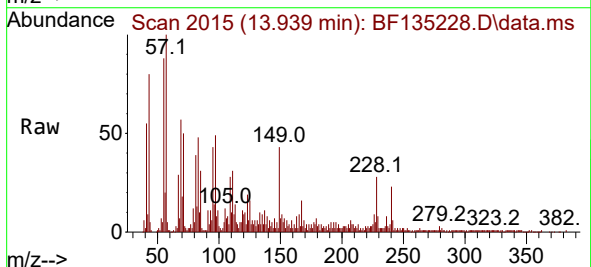
Manual Integrations
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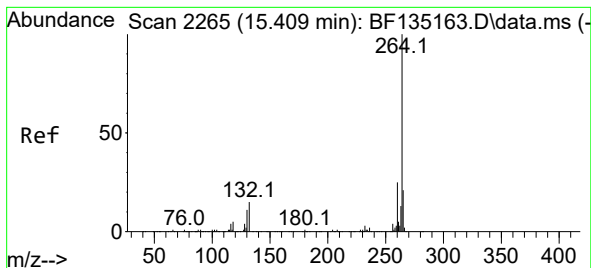
Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/14/2023



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.424 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. 0.006 min
 Lab File: BF135228.D
 Acq: 13 Sep 2023 18:09

Tgt Ion:149 Resp: 19069
 Ion Ratio Lower Upper
 149 100
 167 37.0 21.9 32.9#
 279 6.3 3.3 4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Instrument :

BNA_F

ClientSampleId :

VNJ-227

Tgt Ion:264 Resp: 29140

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

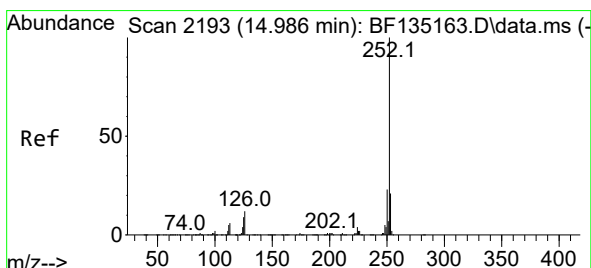
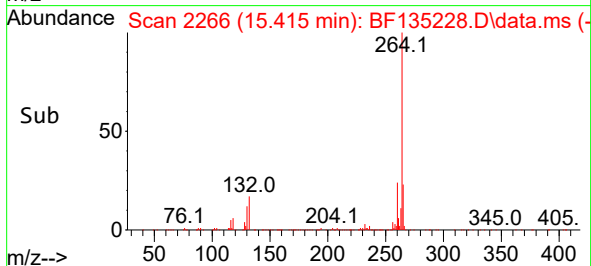
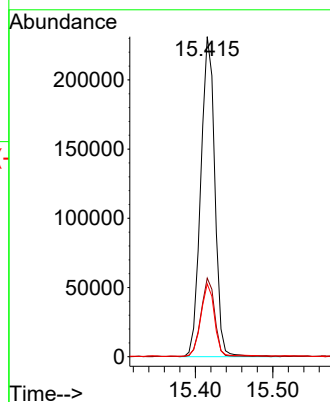
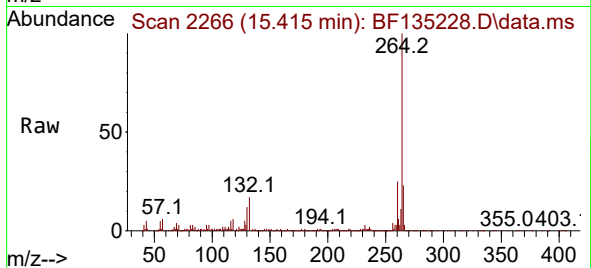
265 22.7 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :mohammad ahmed 09/14/2023



#88

Benzo(b)fluoranthene

Concen: 2.177 ng m

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135228.D

Acq: 13 Sep 2023 18:09

Tgt Ion:252 Resp: 34336

Ion Ratio Lower Upper

252 100

253 27.1 17.2 25.8#

125 28.6 7.1 10.7#

