

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126317.D
 Acq On : 22 Dec 2021 1:58
 Operator : JU/CG
 Sample : M5184-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Dec 22 05:24:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	186278	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	831419	20.00	ng	# 0.00
39) Acenaphthene-d10	9.851	164	404427	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	668519	20.00	ng	# 0.00
76) Chrysene-d12	13.974	240	429909	20.00	ng	0.00
86) Perylene-d12	15.421	264	325136	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1124780	88.92	ng	0.01
7) Phenol-d6	6.445	99	1463575	91.12	ng	0.00
23) Nitrobenzene-d5	7.375	82	964681	62.84	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	315301	97.01	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1422169	61.68	ng	0.00
79) Terphenyl-d14	12.927	244	1325537	53.59	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	137824	4.43	ng	92
78) Pyrene	12.774	202	117933	2.99	ng	97
83) Chrysene	13.998	228	70802	2.68	ng	98
88) Benzo(b)fluoranthene	15.004	252	69513m	3.56	ng	
90) Benzo(a)pyrene	15.357	252	46525	2.87	ng	# 94

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

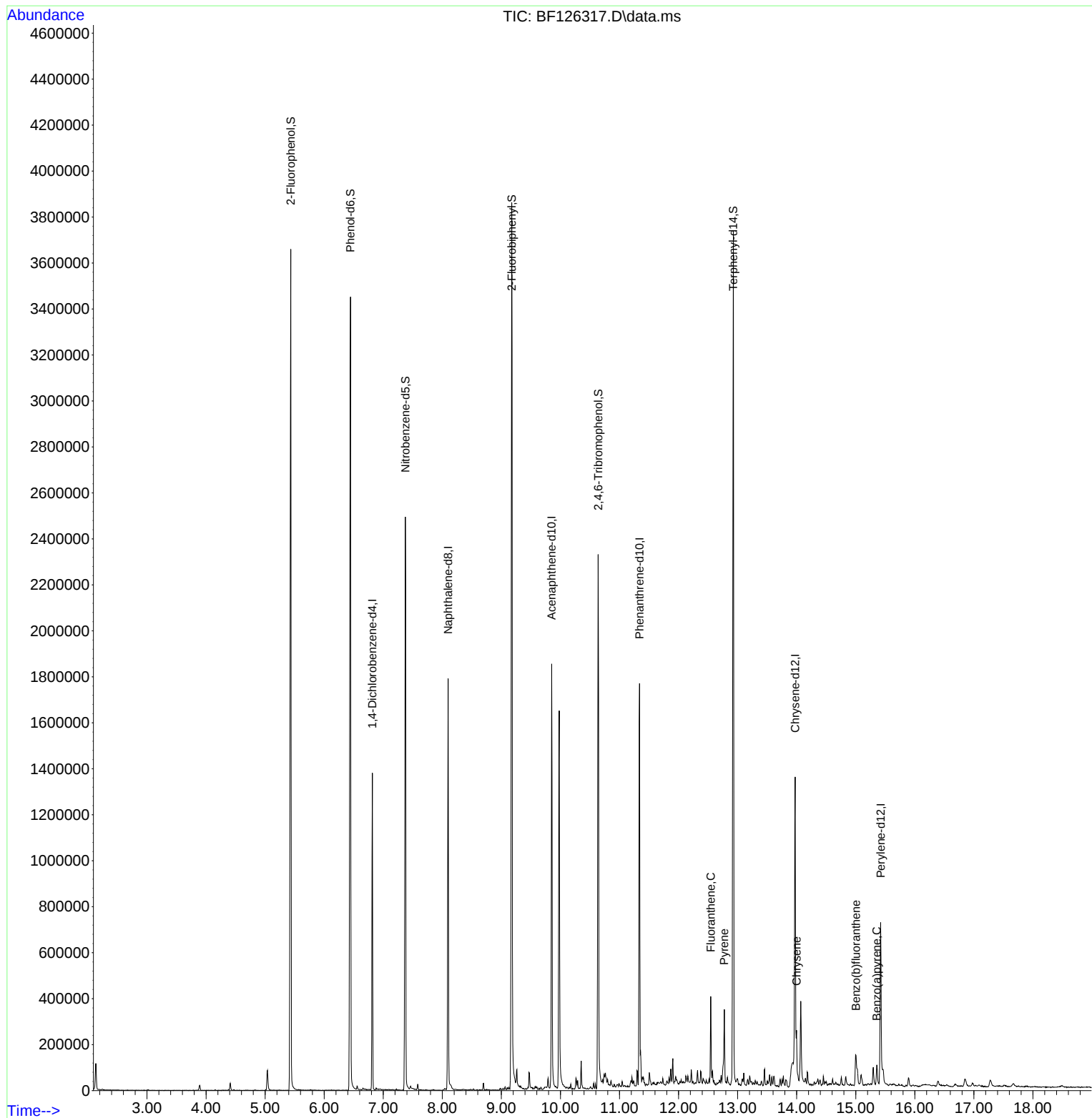
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126317.D
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Operator : JU/CG
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ALS Vial : 19 Sample Multiplier: 1

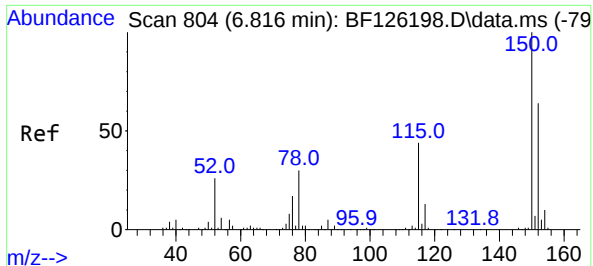
Instrument :
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SB-1

Quant Time: Dec 22 05:24:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
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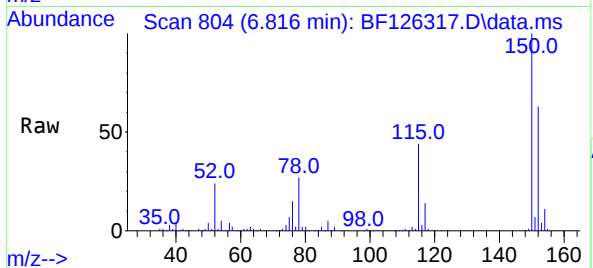
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

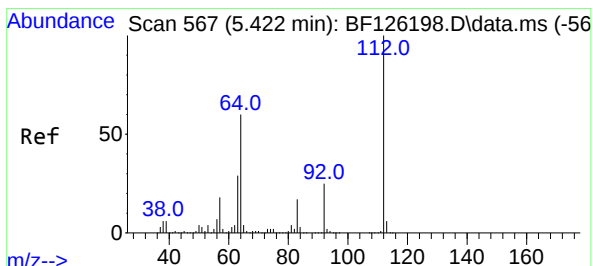
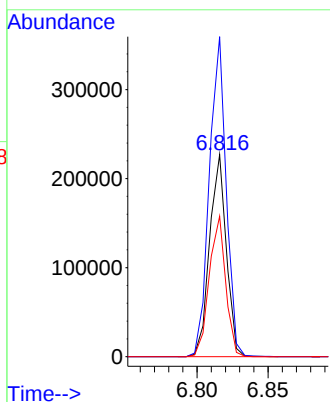
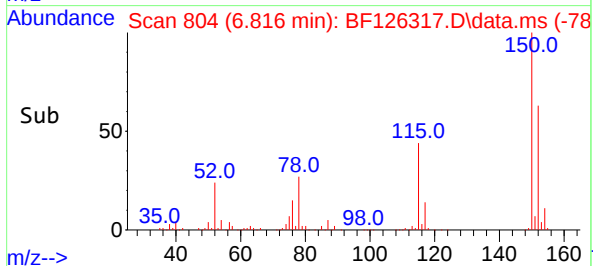
Instrument :
BNA_F
ClientSampleId :
SB-1



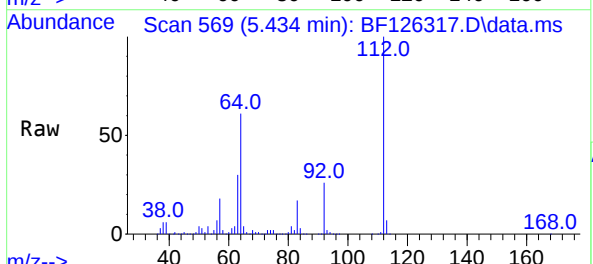
Tgt Ion:152 Resp: 186278
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 69.5 47.1 70.7

Manual Integrations
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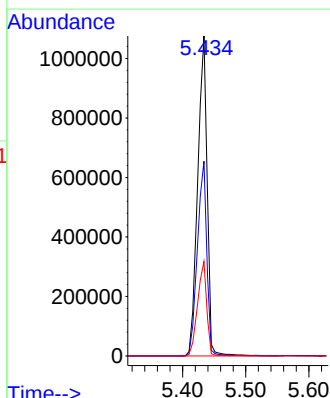
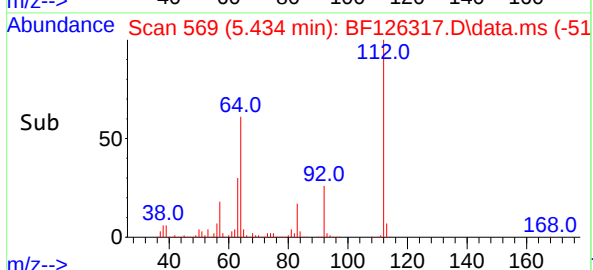
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Supervised By :mohammad ahmed 12/27/2021

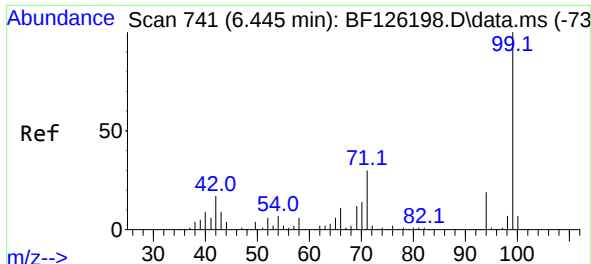


#5
2-Fluorophenol
Concen: 88.92 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



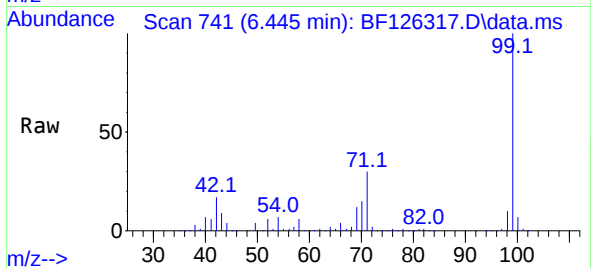
Tgt Ion:112 Resp: 1124780
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 29.6 26.2 39.2





#7
Phenol-d6
Concen: 91.12 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

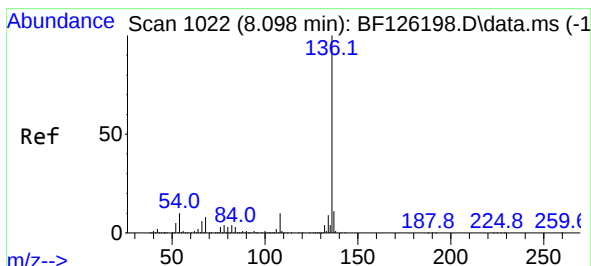
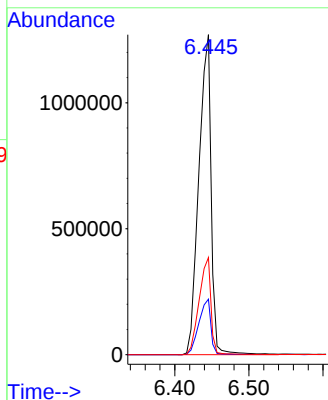
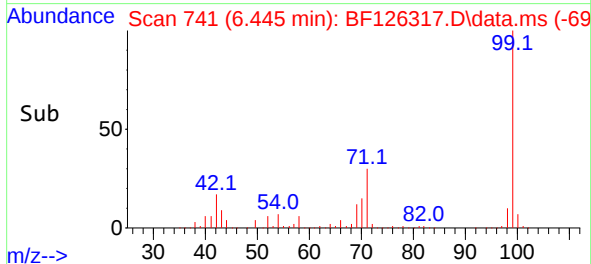
Instrument :
BNA_F
ClientSampleId :
SB-1



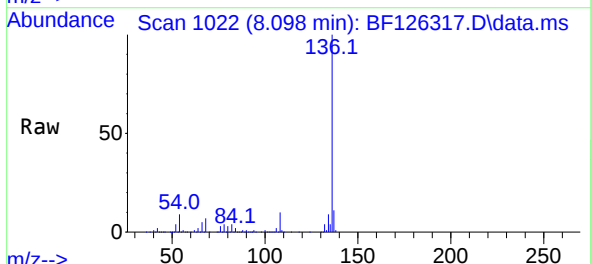
Tgt Ion: 99 Resp: 146357
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3
71 30.4 25.6 38.4

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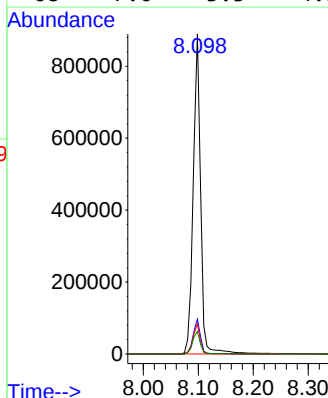
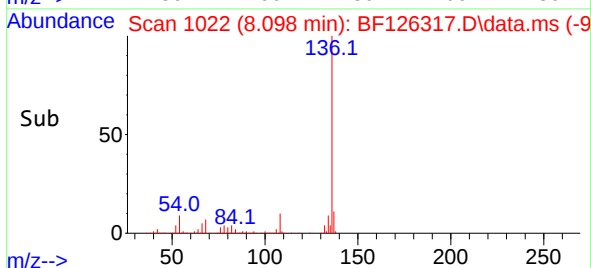
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Supervised By :mohammad ahmed 12/27/2021

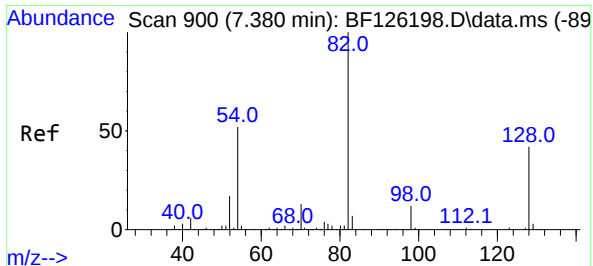


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



Tgt Ion:136 Resp: 831419
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.4 6.4 9.6
68 7.0 3.3 4.9





#23

Nitrobenzene-d5

Concen: 62.84 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

Instrument :

BNA_F

ClientSampleId :

SB-1

Tgt Ion: 82 Resp: 96468

Ion Ratio Lower Upper

82 100

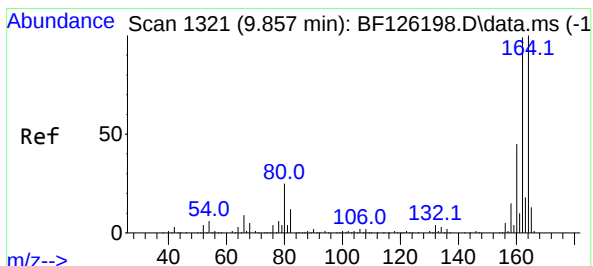
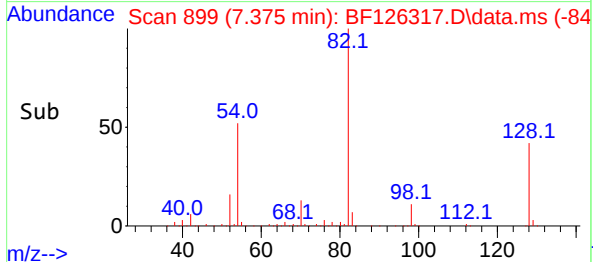
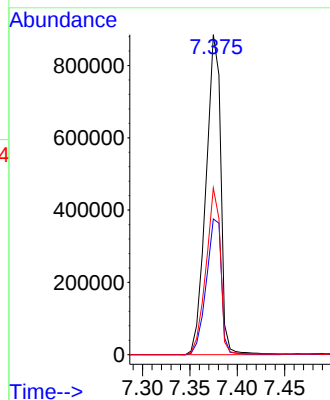
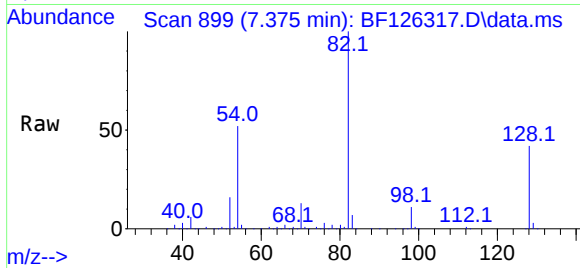
128 42.4 40.6 60.8

54 52.1 49.6 74.4

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF126317.D

Acq: 22 Dec 2021 1:58

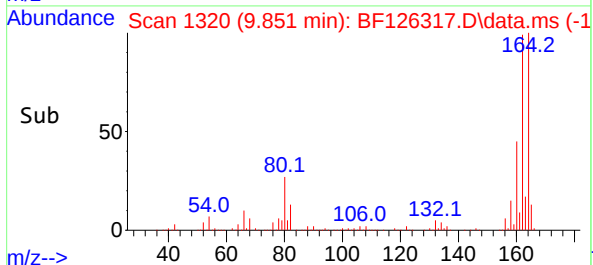
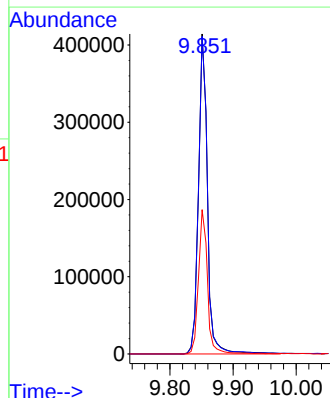
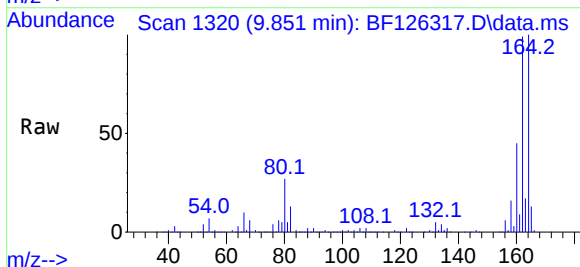
Tgt Ion:164 Resp: 404427

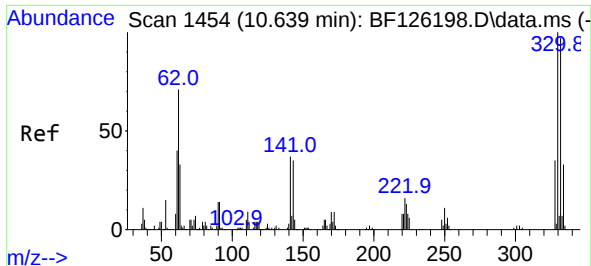
Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

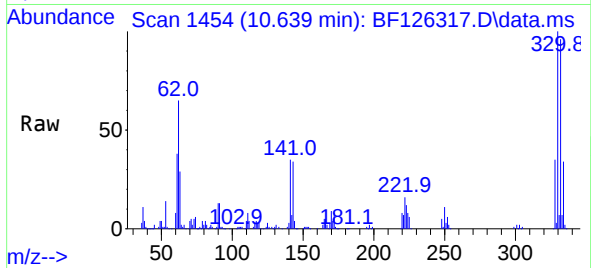
160 45.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 97.01 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

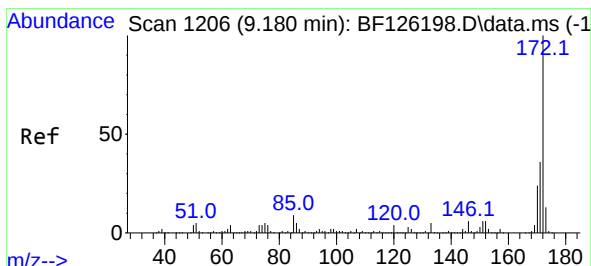
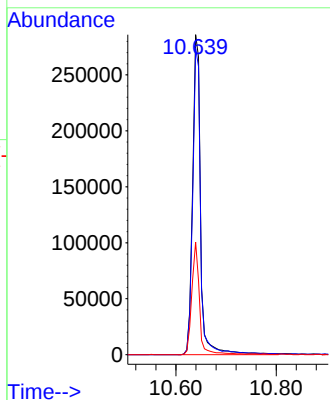
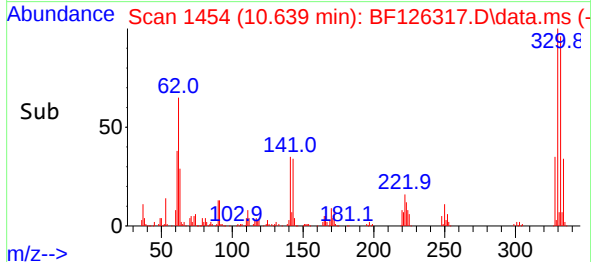
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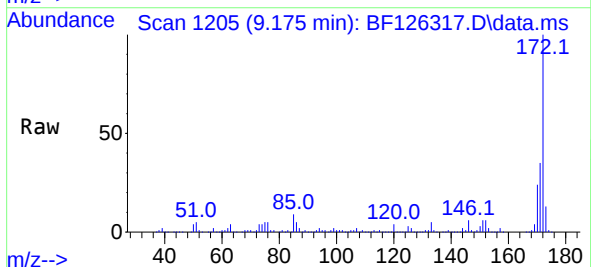
Tgt Ion: 330 Resp: 31530
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.8 44.6 66.8

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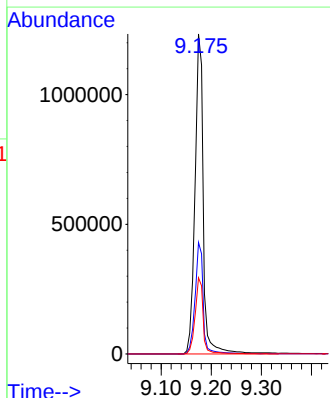
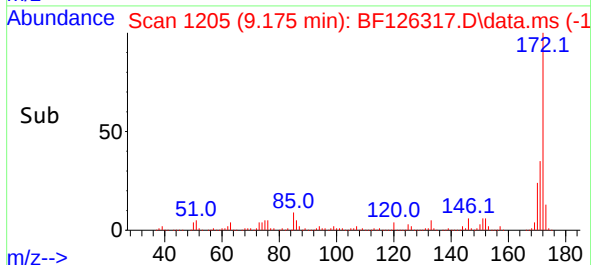
Reviewed By : Jagrut Upadhyay 12/22/2021
Supervised By : mohammad ahmed 12/27/2021

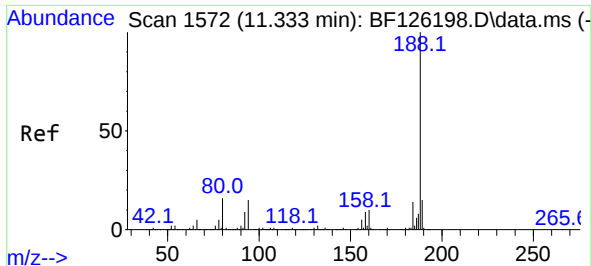


#45
2-Fluorobiphenyl
Concen: 61.68 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



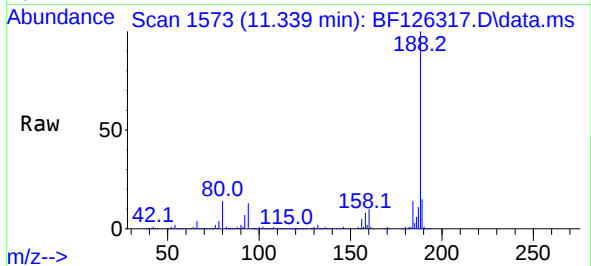
Tgt Ion: 172 Resp: 1422169
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

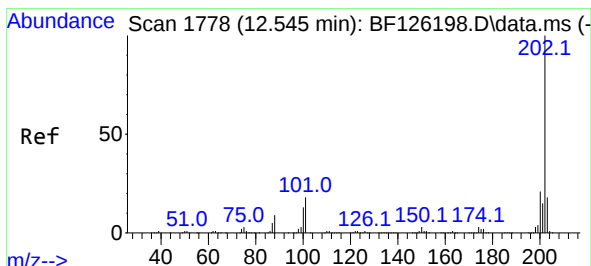
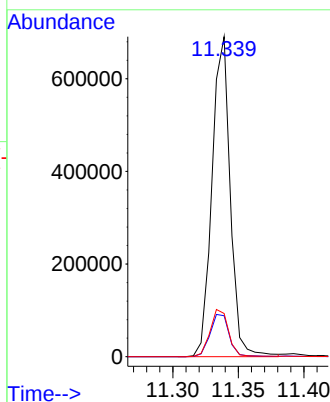
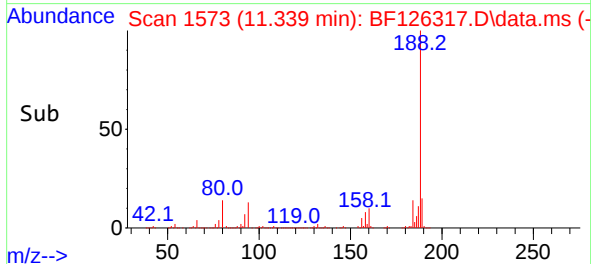
Instrument :
BNA_F
ClientSampleId :
SB-1



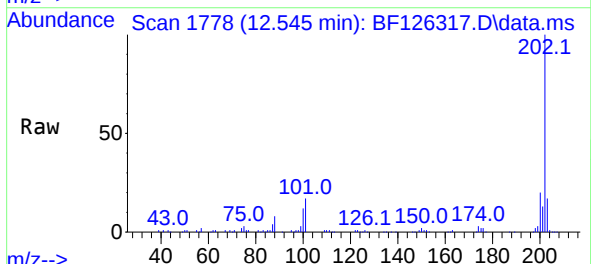
Tgt Ion:188 Resp: 668519
Ion Ratio Lower Upper
188 100
94 12.8 6.7 10.1
80 13.5 7.5 11.3

Manual Integrations
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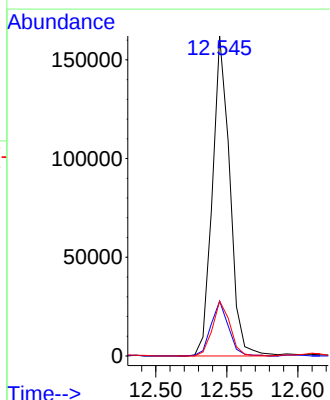
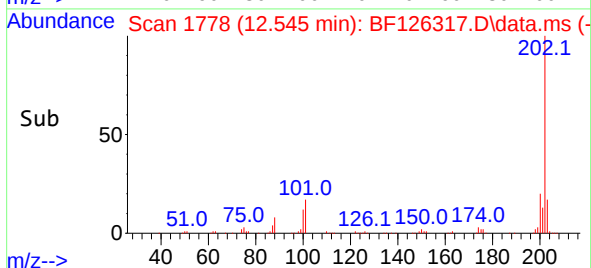
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

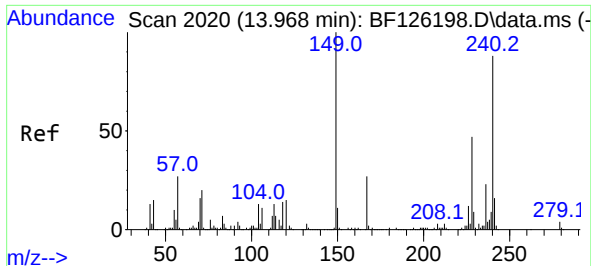


#75
Fluoranthene
Concen: 4.43 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



Tgt Ion:202 Resp: 137824
Ion Ratio Lower Upper
202 100
101 17.1 0.0 30.7
203 17.1 0.0 36.3





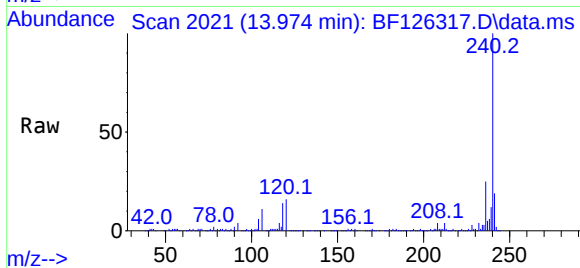
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

Instrument :

BNA_F

ClientSampleId :

SB-1

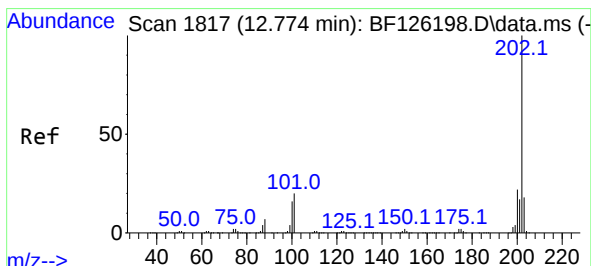
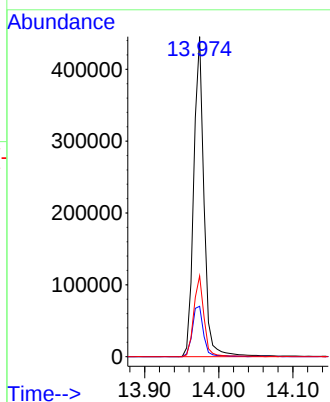
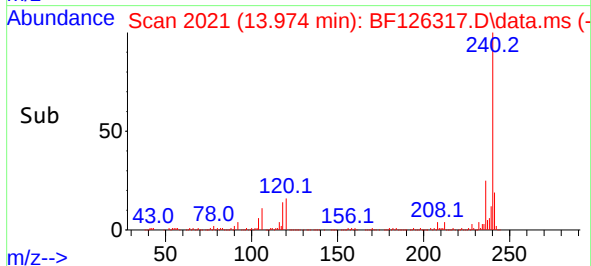


Tgt Ion:240 Resp: 429909
Ion Ratio Lower Upper
240 100
120 15.7 10.8 16.2
236 25.3 21.6 32.4

Manual Integrations

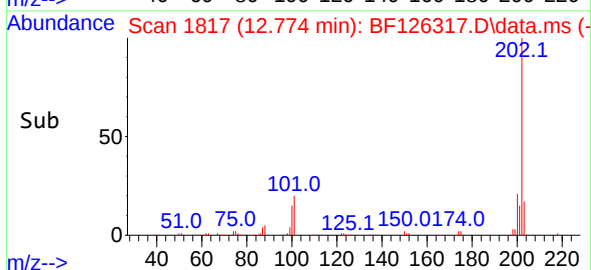
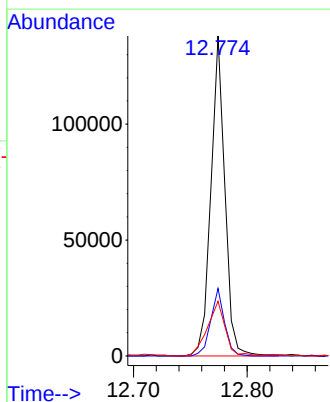
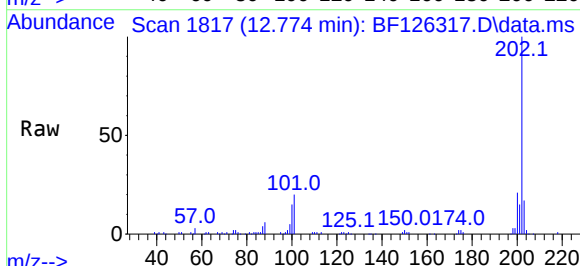
APPROVED

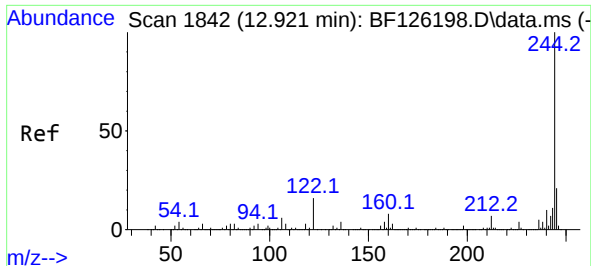
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#78
Pyrene
Concen: 2.99 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

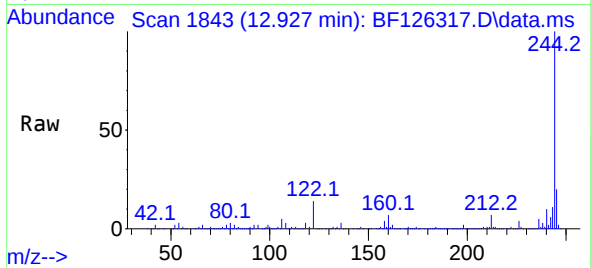
Tgt Ion:202 Resp: 117933
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.1 13.4 20.0





#79
Terphenyl-d14
Concen: 53.59 ng
RT: 12.927 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

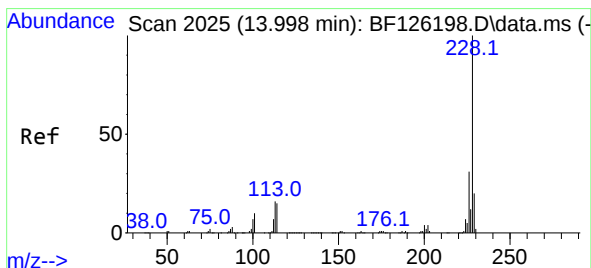
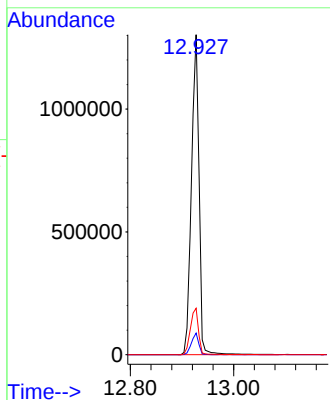
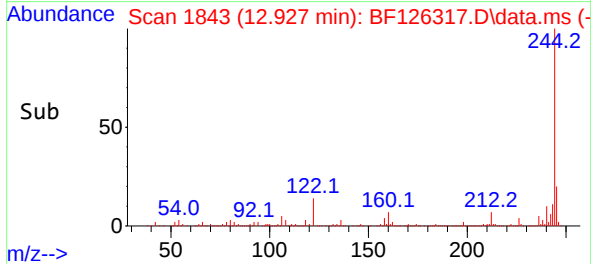
Instrument :
BNA_F
ClientSampleId :
SB-1



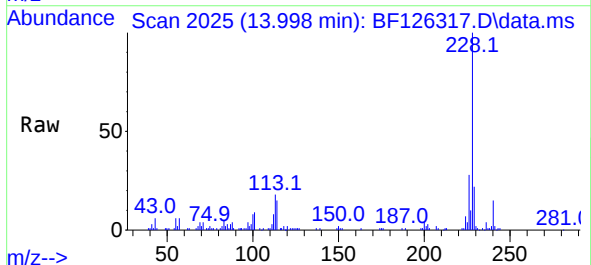
Tgt Ion:244 Resp: 132553
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 14.5 9.0 13.4

Manual Integrations
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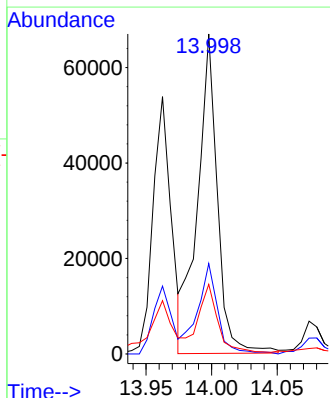
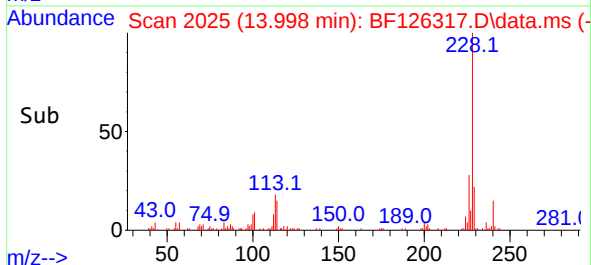
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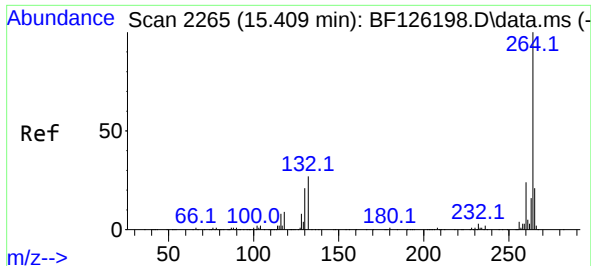


#83
Chrysene
Concen: 2.68 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



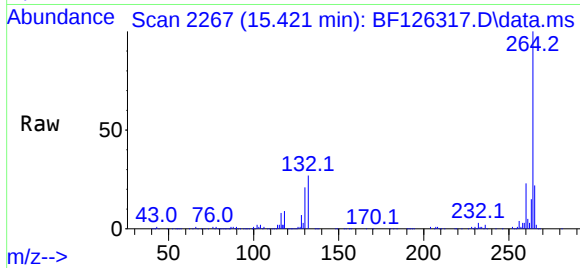
Tgt Ion:228 Resp: 70802
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 21.7 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

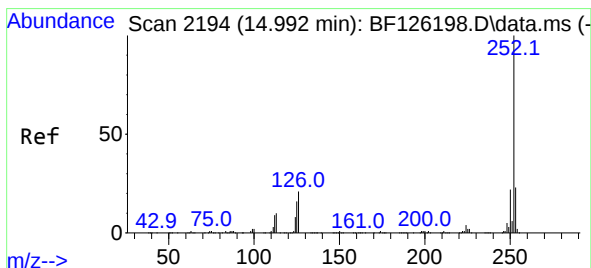
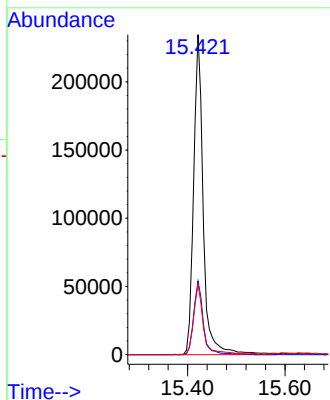
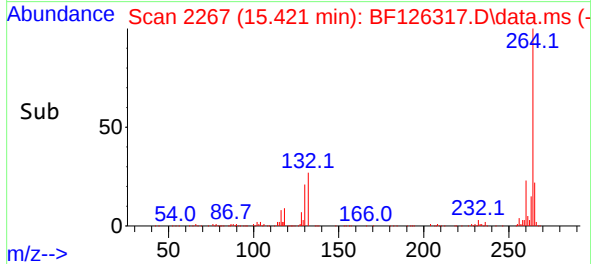
Instrument :
BNA_F
ClientSampleId :
SB-1



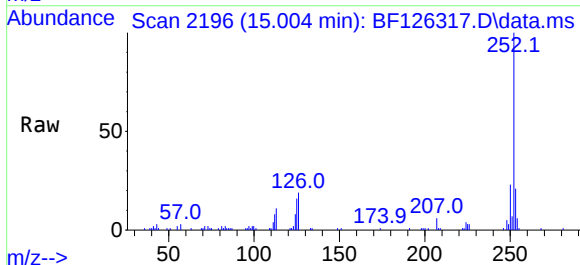
Tgt Ion:264 Resp: 325130
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 22.0 17.2 25.8

Manual Integrations
APPROVED

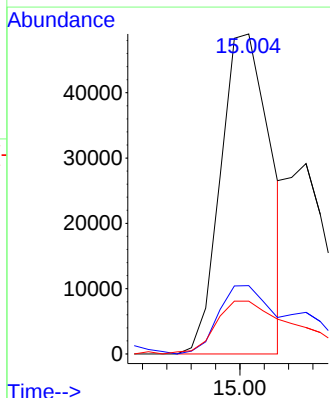
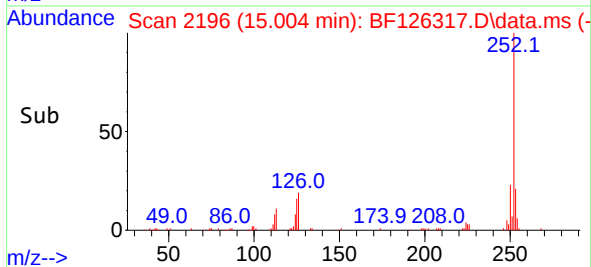
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

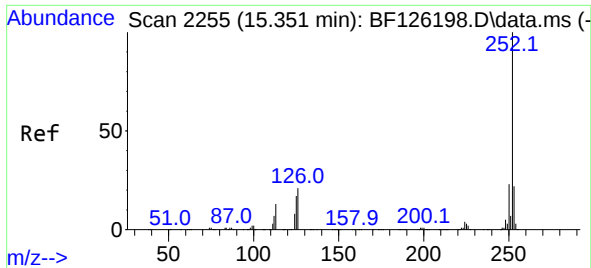


#88
Benzo(b)fluoranthene
Concen: 3.56 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58



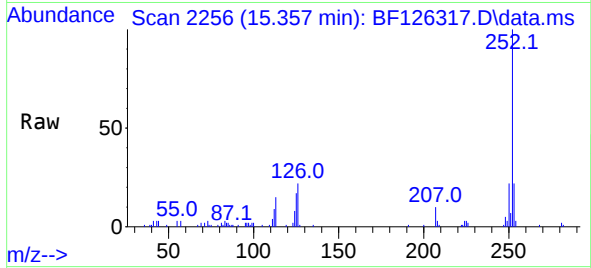
Tgt Ion:252 Resp: 69513
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 16.5 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 2.87 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126317.D
Acq: 22 Dec 2021 1:58

Instrument :
BNA_F
ClientSampleId :
SB-1



Tgt Ion:252 Resp: 4652
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 17.4 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

