

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124874.D
 Acq On : 30 Jul 2021 13:58
 Operator : JU/CG
 Sample : M3215-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-1

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:44:34 PM

Quant Time: Jul 30 14:53:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5679	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22112	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13172	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	22473	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14128	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	14273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34432	102.657	ng	0.00
7) Phenol-d6	6.498	99	41462	98.605	ng	0.00
23) Nitrobenzene-d5	7.434	82	28514	76.750	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11980	105.929	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	60396	67.345	ng	0.00
79) Terphenyl-d14	12.980	244	59027	71.617	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.610	202	3932	3.188	ng	94
78) Pyrene	12.839	202	3333	2.980	ng	97
81) Benzo(a)anthracene	14.027	228	2023	2.191	ng	97
83) Chrysene	14.063	228	1806m	2.030	ng	
88) Benzo(b)fluoranthene	15.074	252	2704m	2.691	ng	

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

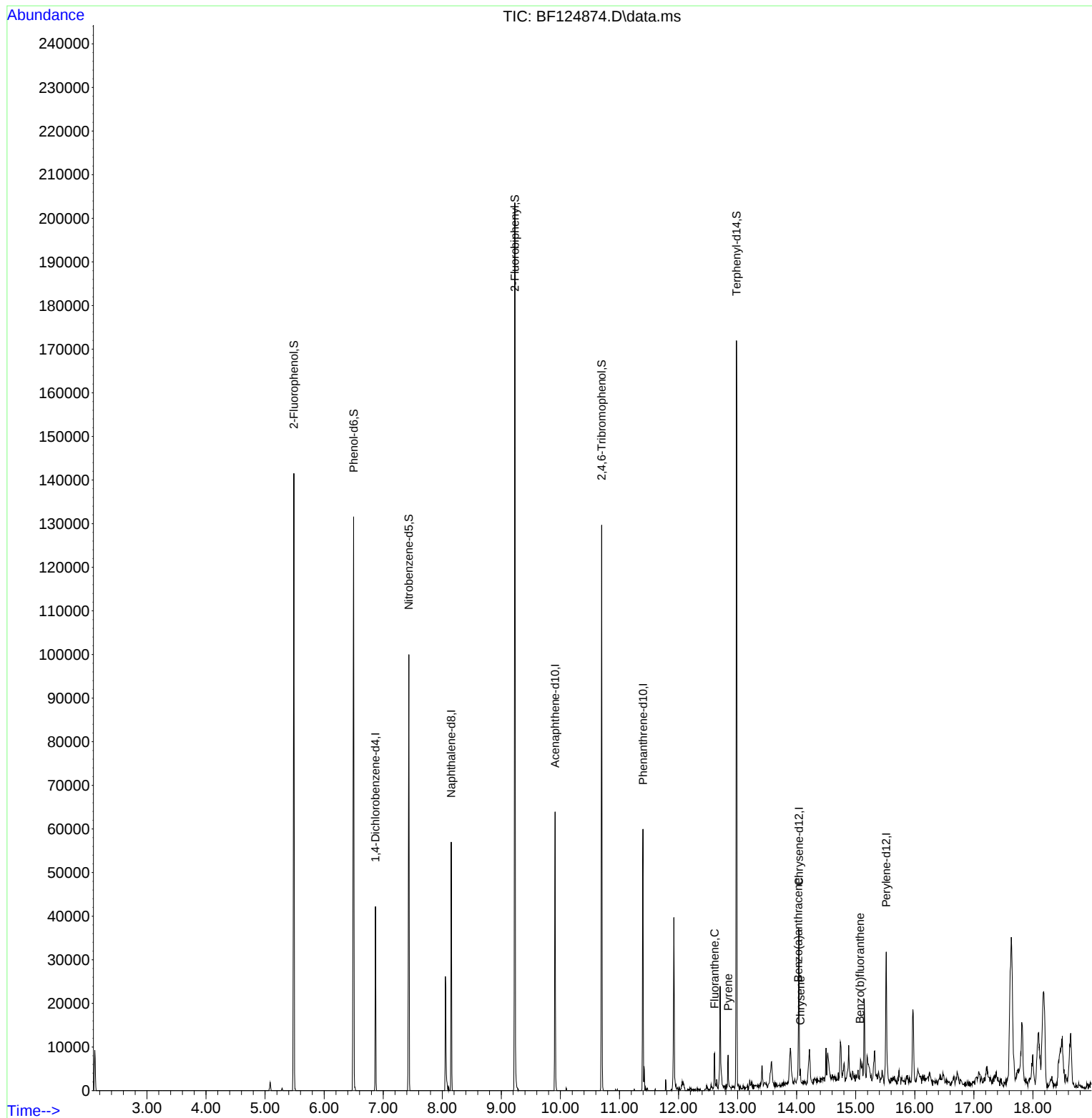
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124874.D
Acq On : 30 Jul 2021 13:58
Operator : JU/CG
Sample : M3215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-1

Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:34 PM

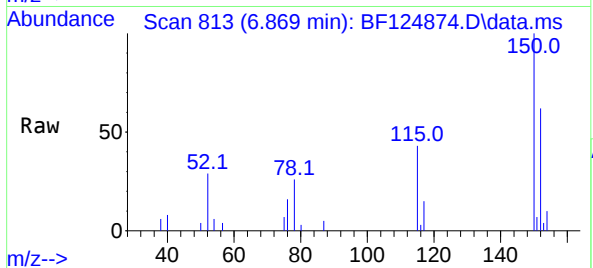
Quant Time: Jul 30 14:53:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

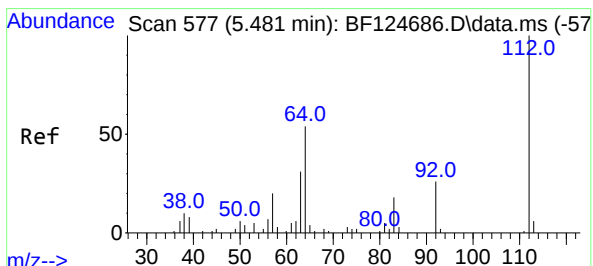
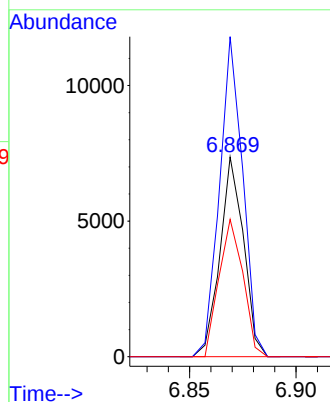
Instrument :
BNA_F
ClientSampled :
PS-1



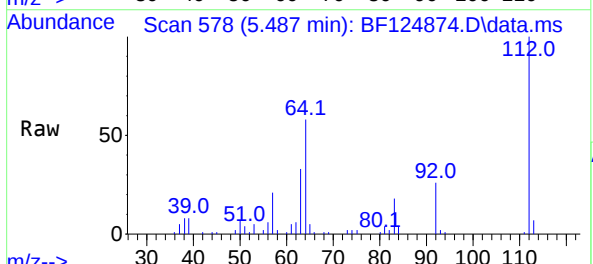
Tgt Ion:152 Resp: 5679
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 68.7 47.1 70.7

Manual Integrations
APPROVED

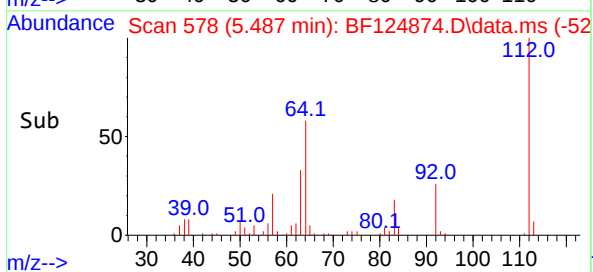
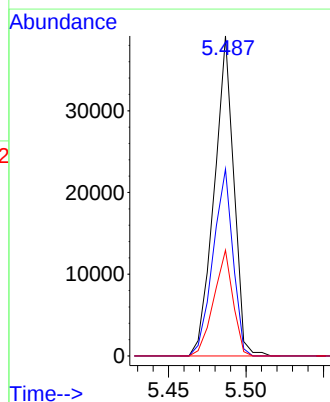
mohammad
8/2/2021 3:44:34 PM



#5
2-Fluorophenol
Concen: 102.657 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58



Tgt Ion:112 Resp: 34432
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.1 26.2 39.2





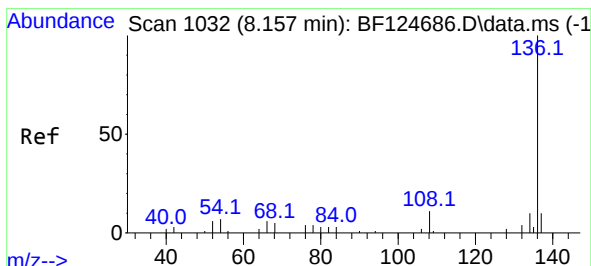
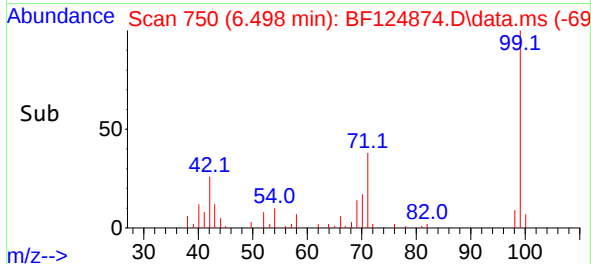
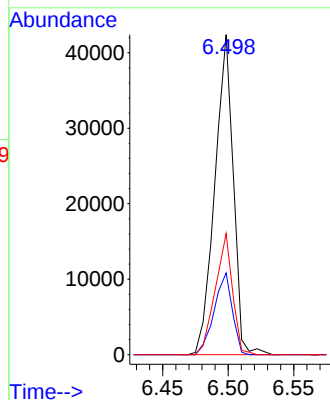
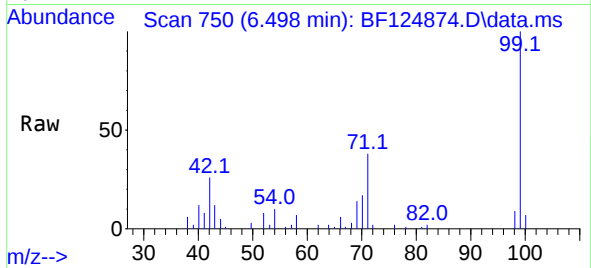
#7
Phenol-d6
Concen: 98.605 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion: 99	Resp: 41462
Ion Ratio	Lower Upper
99 100	
42 25.6	23.5 35.3
71 37.9	25.6 38.4

Instrument :
BNA_F
ClientSampled :
PS-1

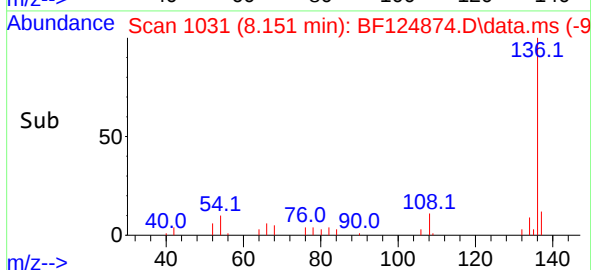
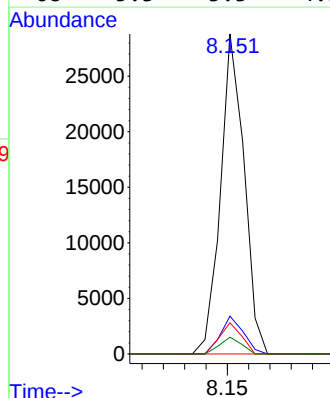
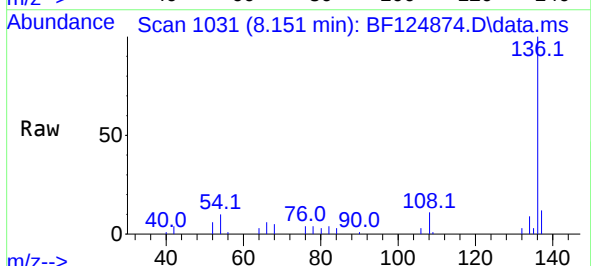
Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:34 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt	Ion:136	Resp:	22112
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	9.7	6.4	9.6#
68	5.3	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 76.750 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124874.D

Acq: 30 Jul 2021 13:58

Tgt Ion:	82	Resp:	28514
Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	60.8
54	55.3	49.6	74.4

Instrument :

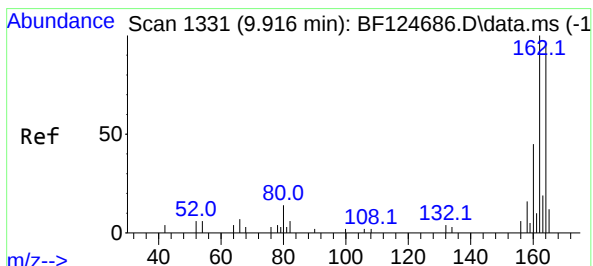
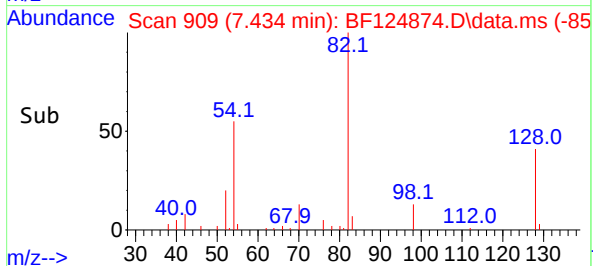
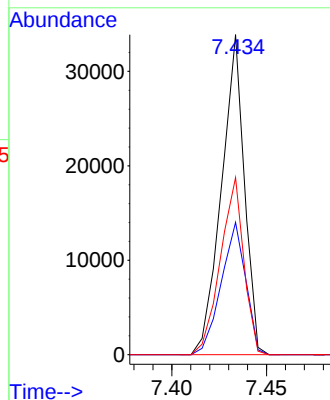
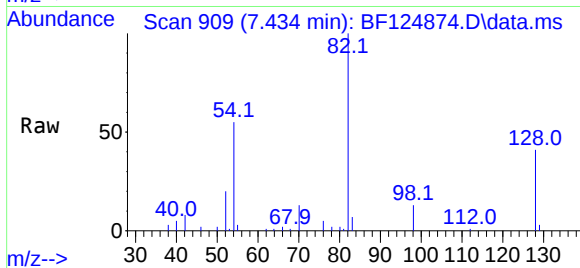
BNA_F

ClientSampled :

PS-1

Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:34 PM



#39

Acenaphthene-d10

Concen: 20.000 ng

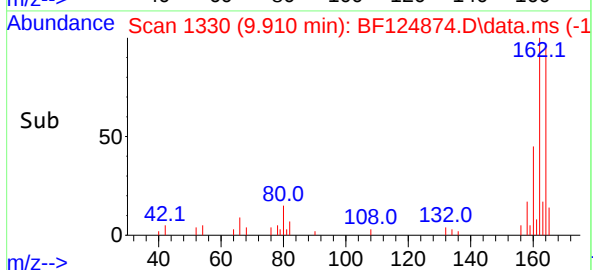
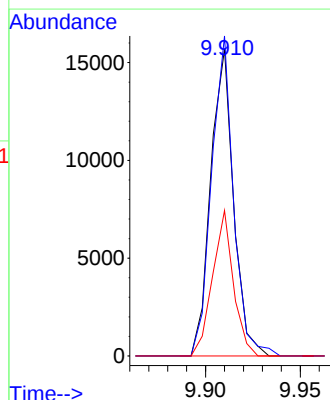
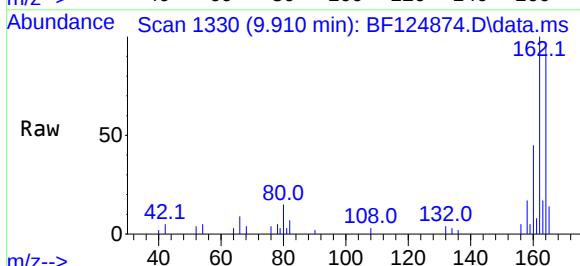
RT: 9.910 min Scan# 1330

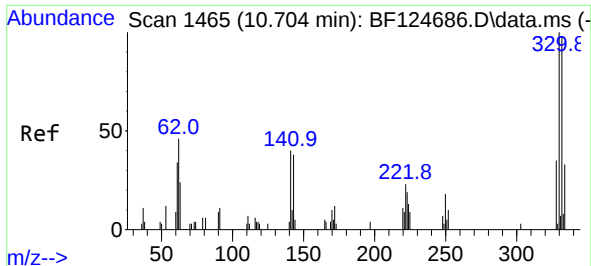
Delta R.T. -0.006 min

Lab File: BF124874.D

Acq: 30 Jul 2021 13:58

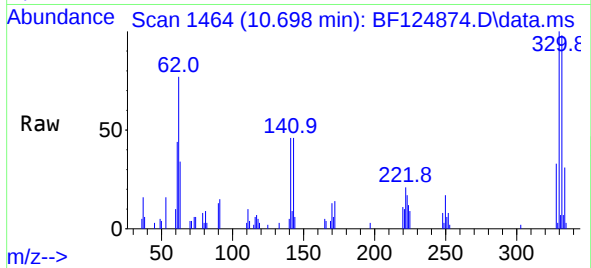
Tgt Ion:	164	Resp:	13172
Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	47.4	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 105.929 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

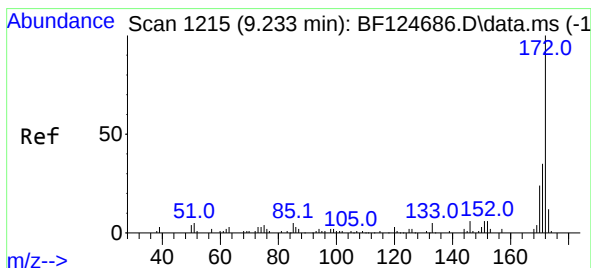
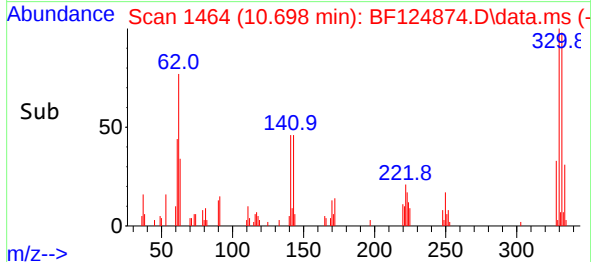
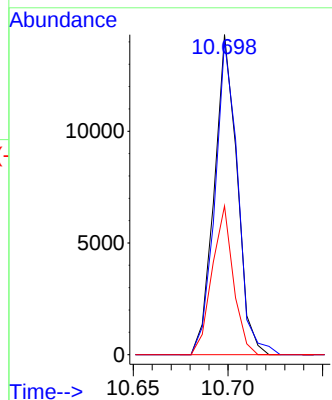
Instrument :
BNA_F
ClientSampled :
PS-1



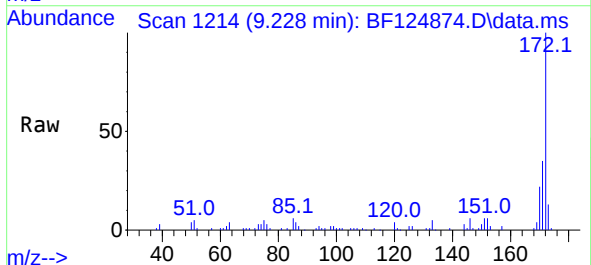
Tgt Ion:330 Resp: 11980
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 43.4 44.6 66.8#

Manual Integrations
APPROVED

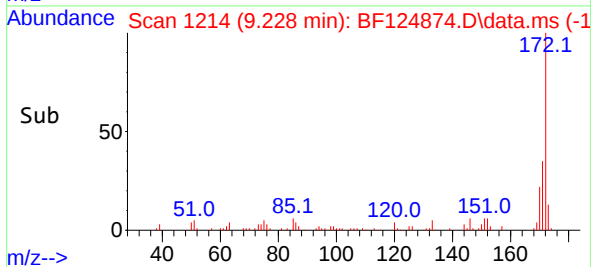
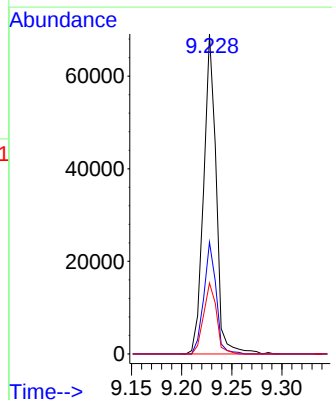
mohammad
8/2/2021 3:44:34 PM



#45
2-Fluorobiphenyl
Concen: 67.345 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58



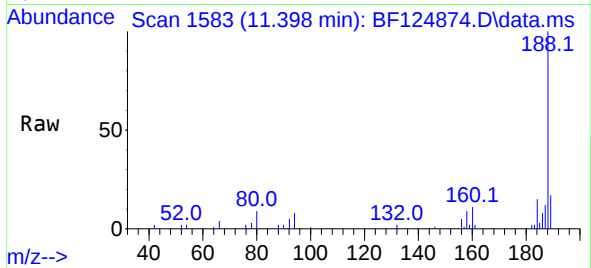
Tgt Ion:172 Resp: 60396
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.2 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

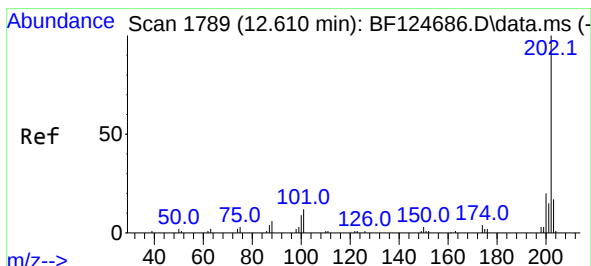
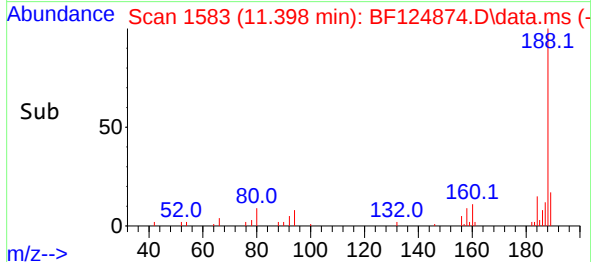
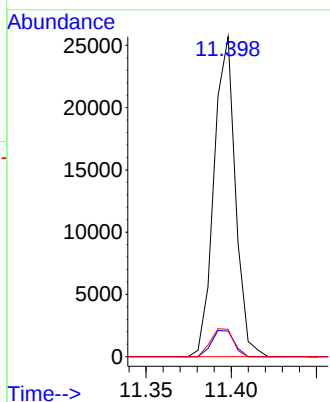
Instrument :
BNA_F
ClientSampled :
PS-1



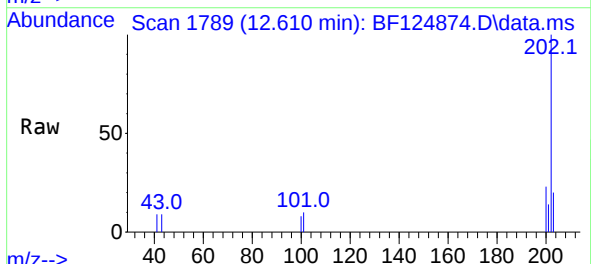
Tgt Ion:188 Resp: 22473
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.5 7.5 11.3

Manual Integrations
APPROVED

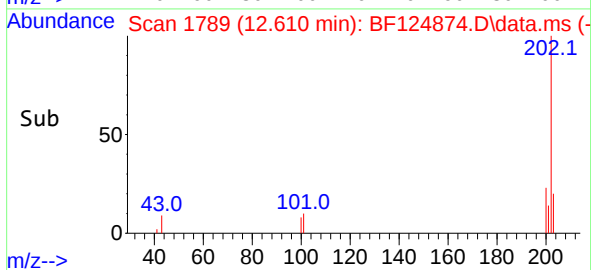
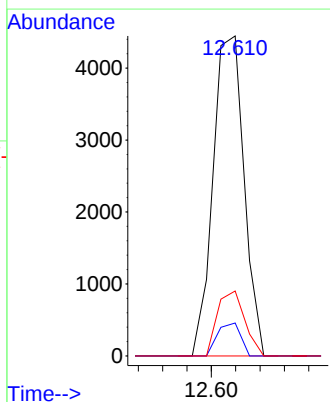
mohammad
8/2/2021 3:44:34 PM

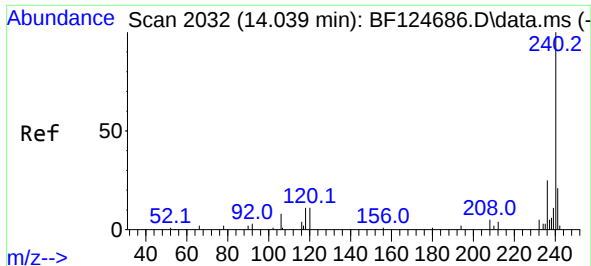


#75
Fluoranthene
Concen: 3.188 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58



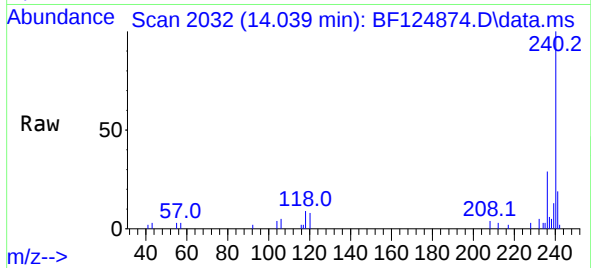
Tgt Ion:202 Resp: 3932
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 20.3 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

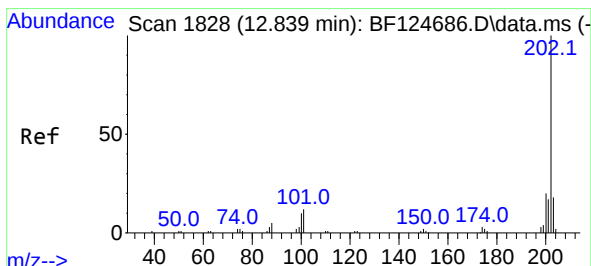
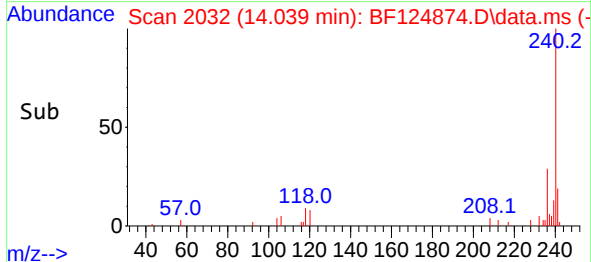
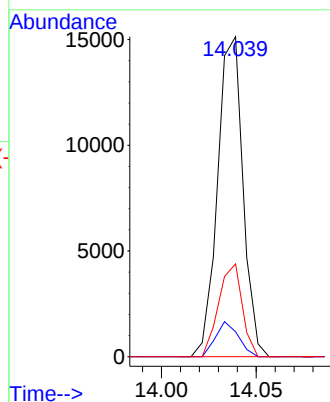
Instrument :
BNA_F
ClientSampled :
PS-1



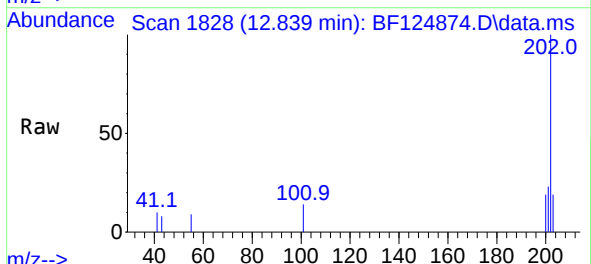
Tgt Ion:240 Resp: 14128
Ion Ratio Lower Upper
240 100
120 7.8 10.8 16.2#
236 29.0 21.6 32.4

Manual Integrations
APPROVED

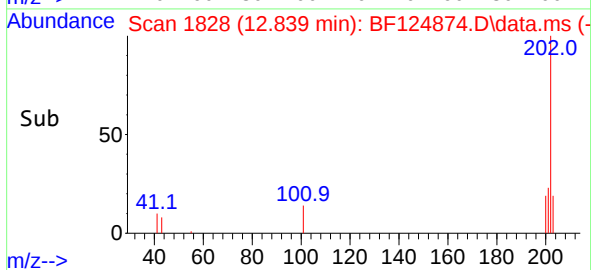
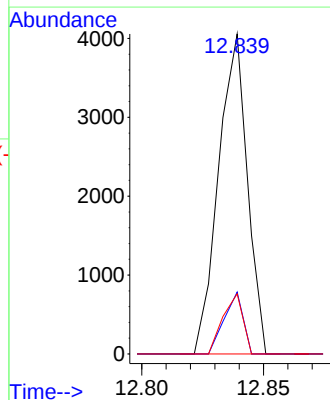
mohammad
8/2/2021 3:44:34 PM

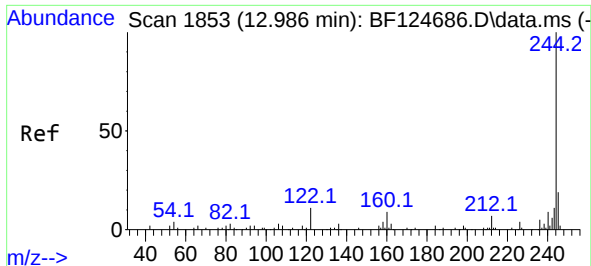


#78
Pyrene
Concen: 2.980 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58



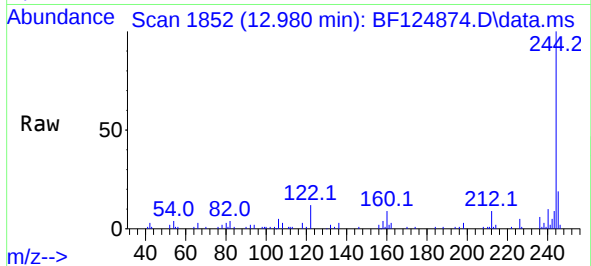
Tgt Ion:202 Resp: 3333
Ion Ratio Lower Upper
202 100
200 19.3 15.3 22.9
203 18.8 13.4 20.0





#79
 Terphenyl-d14
 Concen: 71.617 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124874.D
 Acq: 30 Jul 2021 13:58

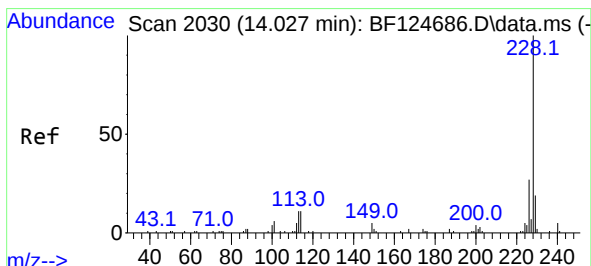
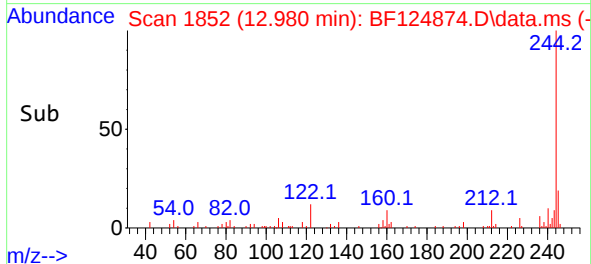
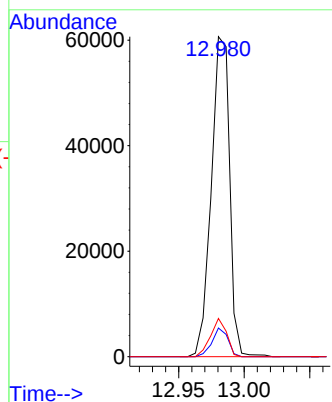
Instrument :
 BNA_F
 ClientSampled :
 PS-1



Tgt Ion:244 Resp: 59027
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.9 8.9#
 122 11.9 9.0 13.4

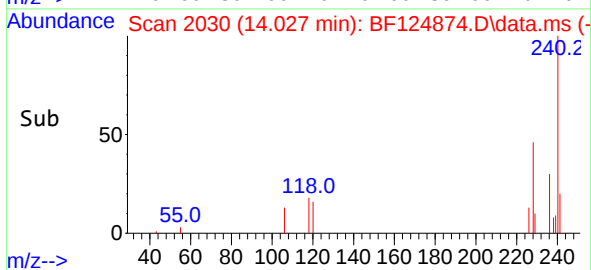
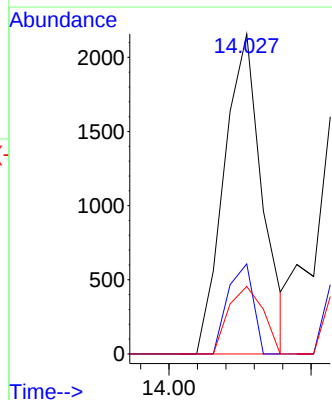
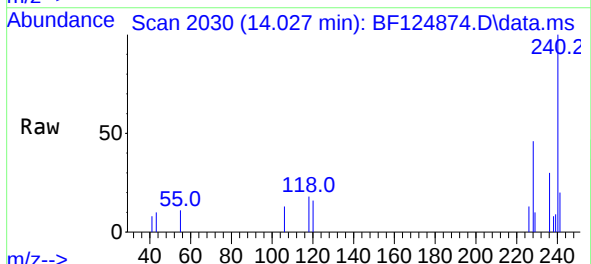
Manual Integrations
 APPROVED

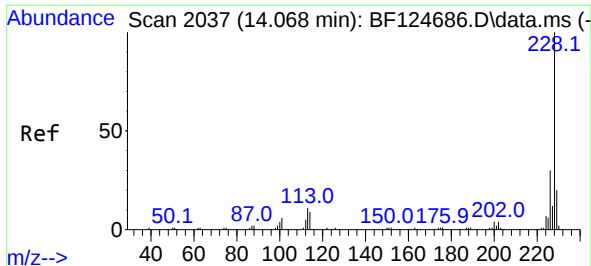
mohammad
 8/2/2021 3:44:34 PM



#81
 Benzo(a)anthracene
 Concen: 2.191 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF124874.D
 Acq: 30 Jul 2021 13:58

Tgt Ion:228 Resp: 2023
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.6 32.4
 229 21.1 15.6 23.4





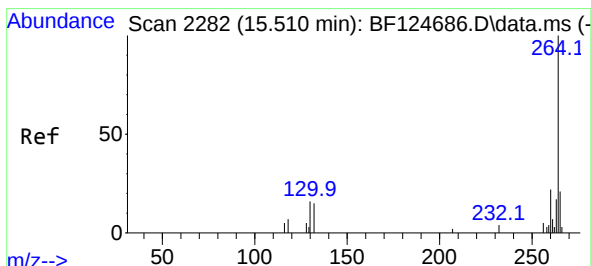
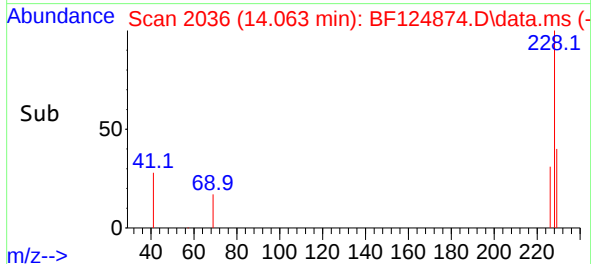
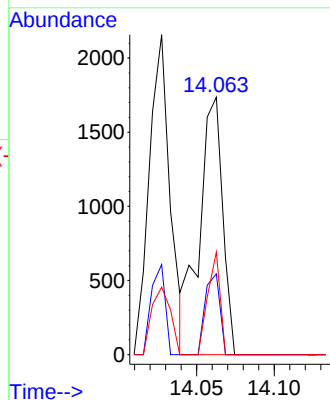
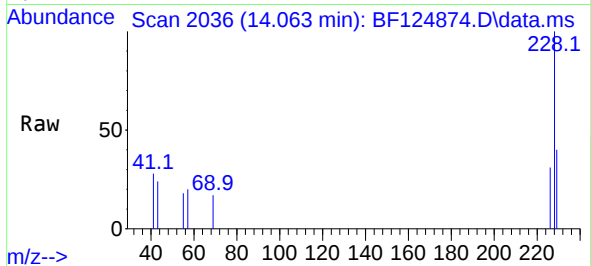
#83
Chrysene
Concen: 2.030 ng m
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion: 228 Resp: 1806
Ion Ratio Lower Upper
228 100
226 31.4 22.6 34.0
229 39.9 15.9 23.9#

Instrument :
BNA_F
ClientSampled :
PS-1

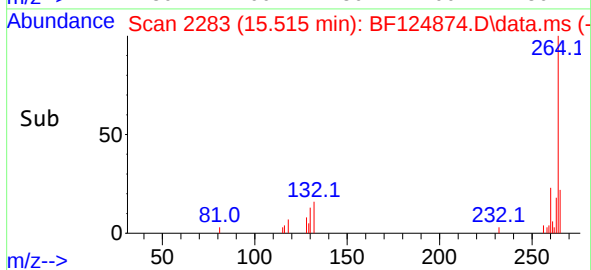
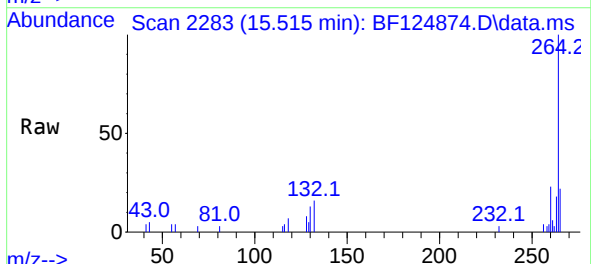
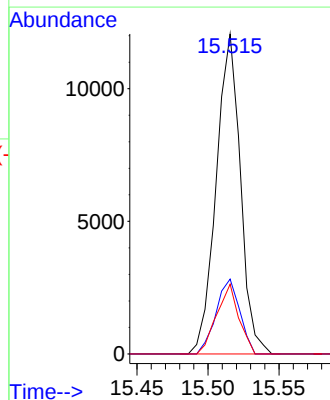
Manual Integrations
APPROVED

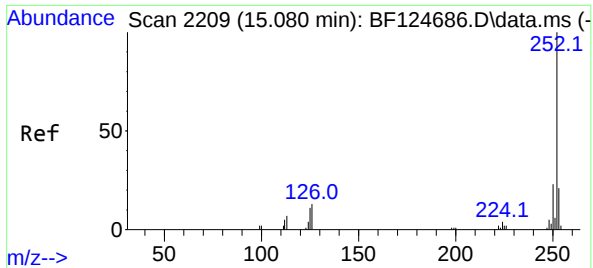
mohammad
8/2/2021 3:44:34 PM



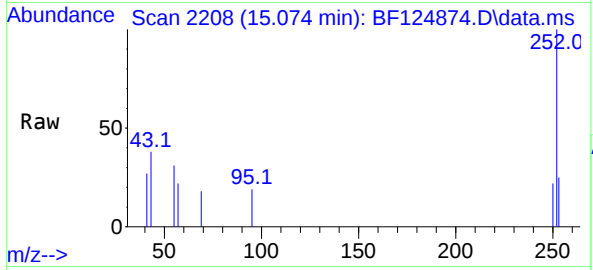
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion: 264 Resp: 14273
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 21.8 17.2 25.8

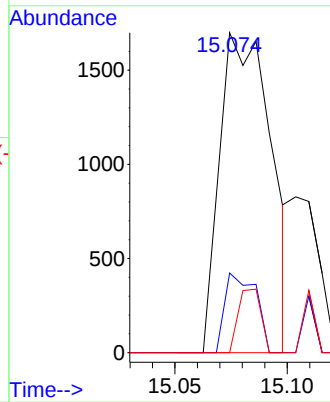
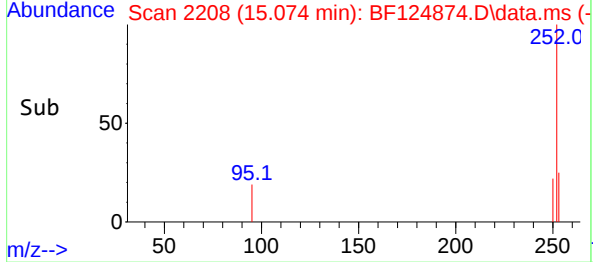




#88
 Benzo(b)fluoranthene
 Concen: 2.691 ng m
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.006 min
 Lab File: BF124874.D
 Acq: 30 Jul 2021 13:58



Tgt Ion:252 Resp: 2704
 Ion Ratio Lower Upper
 252 100
 253 24.9 16.8 25.2
 125 0.0 9.8 14.8#



Instrument :
 BNA_F
 ClientSampleId :
 PS-1

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:44:34 PM