

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129176.D
 Acq On : 08 Jul 2022 15:37
 Operator : CG\JU
 Sample : N3622-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220497A-SIM-C3A-COMPOSITE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 23:24:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	258413	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	987828	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	512658	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	877798	20.000	ng	0.00
76) Chrysene-d12	14.133	240	536983	20.000	ng	0.00
86) Perylene-d12	15.651	264	478670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1458328	95.409	ng	0.00
7) Phenol-d6	6.569	99	1810640	95.380	ng	0.00
23) Nitrobenzene-d5	7.504	82	1054674	63.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	522732	93.774	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1765988	55.109	ng	0.00
79) Terphenyl-d14	13.069	244	1573885	60.866	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.504	178	136801	3.262	ng	99
75) Fluoranthene	12.698	202	170074	3.877	ng	98
78) Pyrene	12.927	202	184532	4.958	ng	96
88) Benzo(b)fluoranthene	15.198	252	58796m	2.042	ng	

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

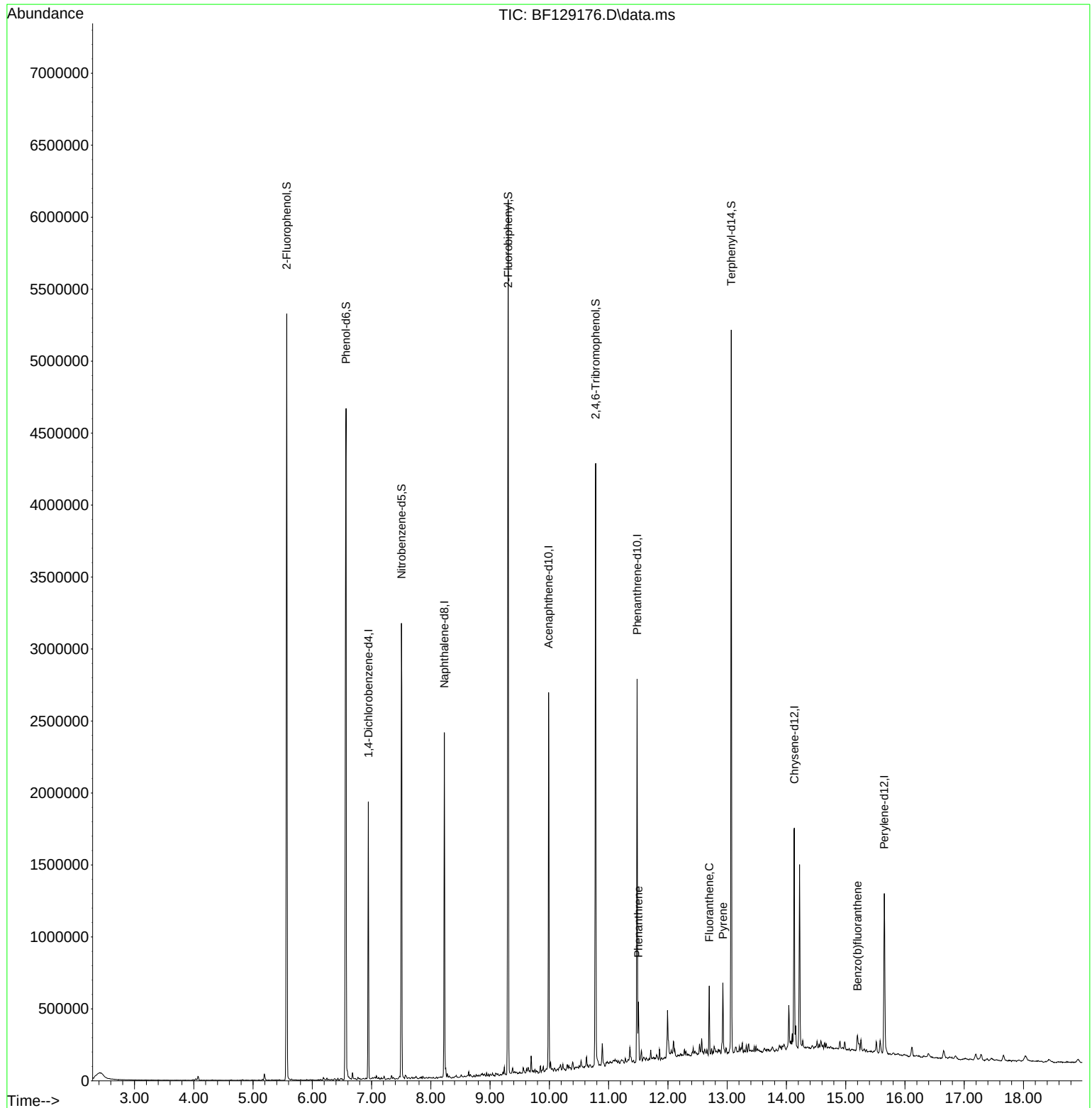
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129176.D
Acq On : 08 Jul 2022 15:37
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Sample : N3622-08
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ALS Vial : 5 Sample Multiplier: 1

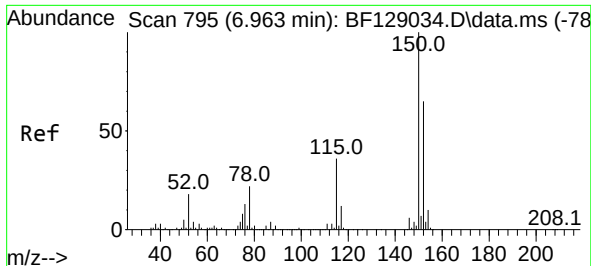
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jul 08 23:24:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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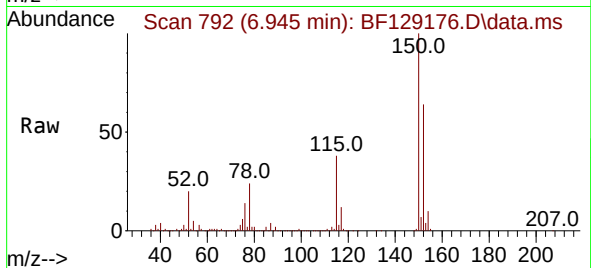
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

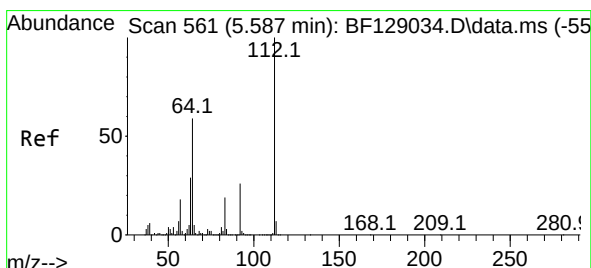
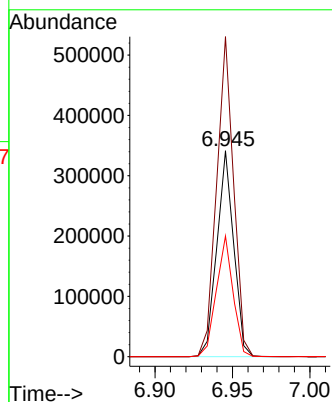
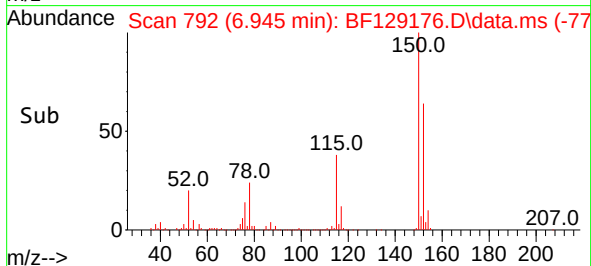
Instrument :
BNA_F
ClientSampleId :
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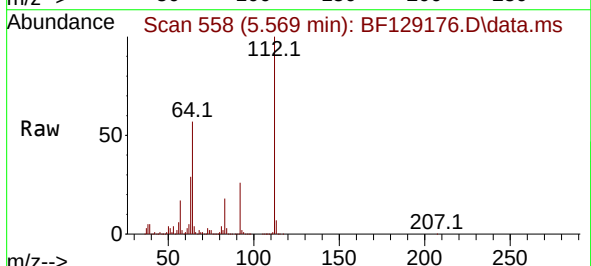
Tgt Ion:152 Resp: 258411
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 58.6 49.9 74.9

Manual Integrations
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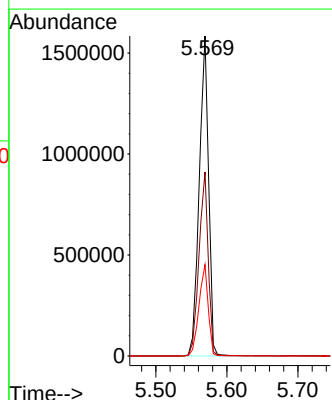
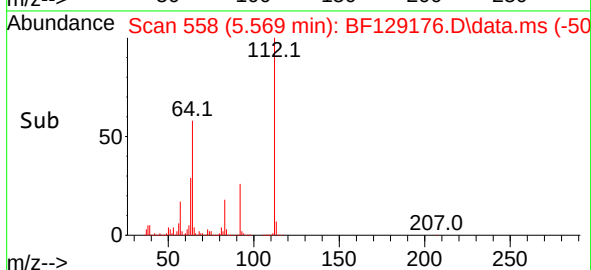
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

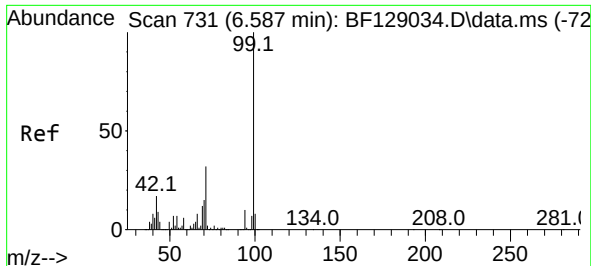


#5
2-Fluorophenol
Concen: 95.409 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37



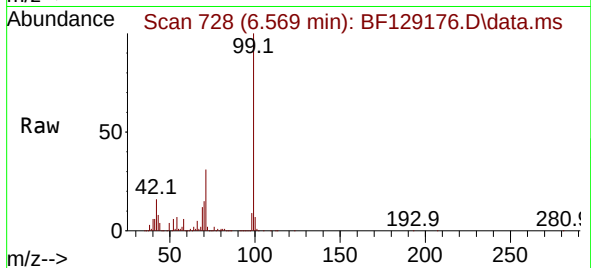
Tgt Ion:112 Resp: 1458328
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 28.6 28.0 42.0





#7
Phenol-d6
Concen: 95.380 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

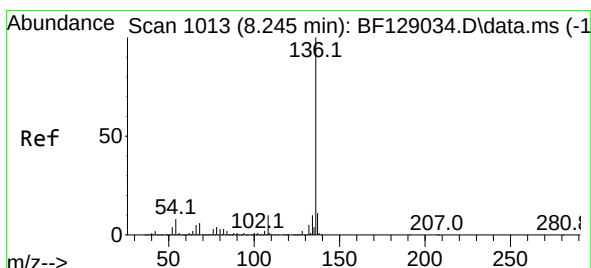
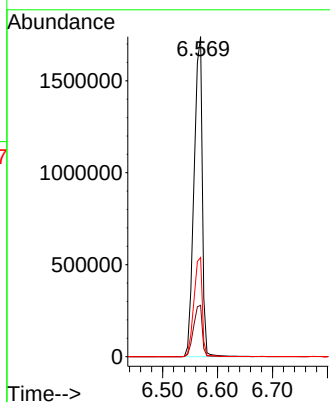
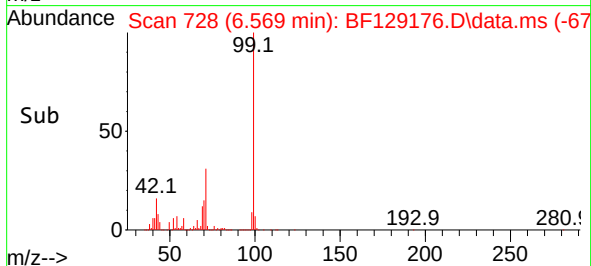
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1810640
Ion Ratio Lower Upper
99 100
42 16.1 17.3 25.9
71 31.0 28.9 43.3

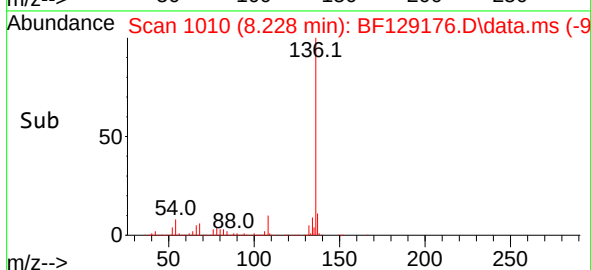
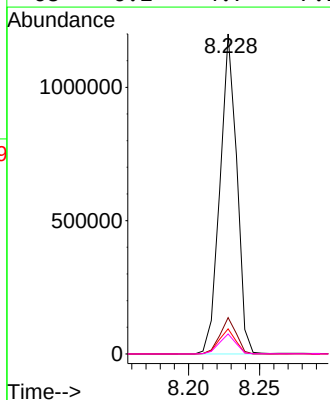
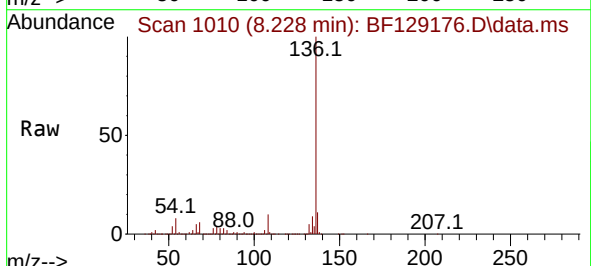
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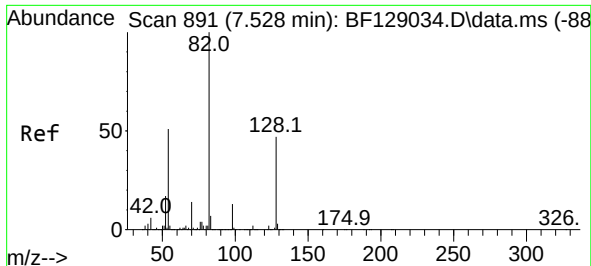
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:136 Resp: 987828
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 63.683 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.011 min

Lab File: BF129176.D

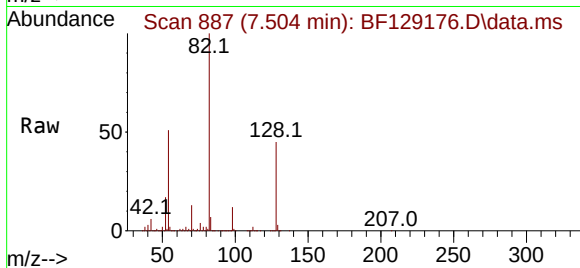
Acq: 08 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

20220497A-SIM-C3A-COMPOSITE



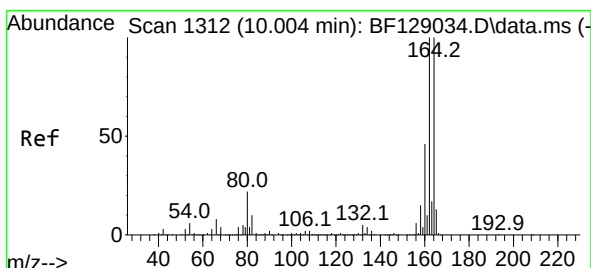
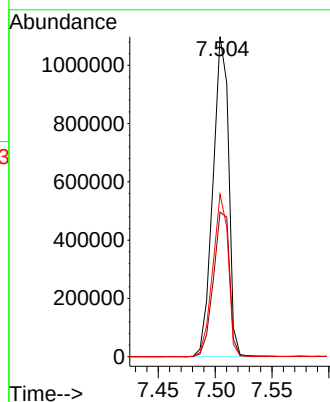
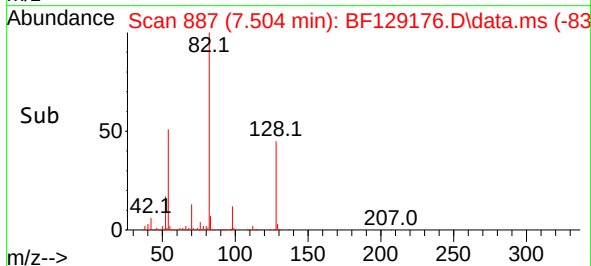
Tgt Ion: 82 Resp: 1054674

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	50.8	46.9	70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1309

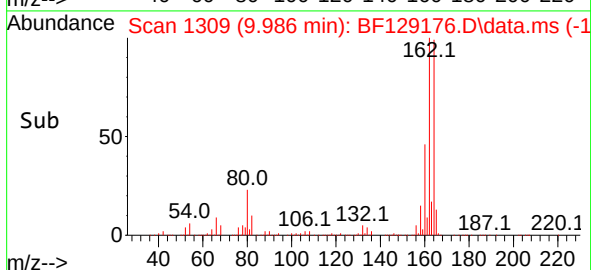
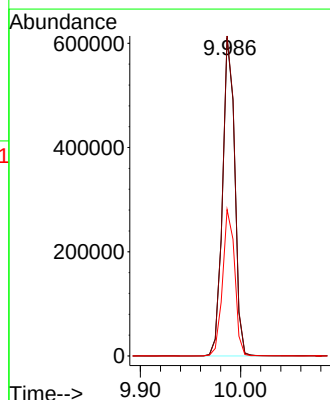
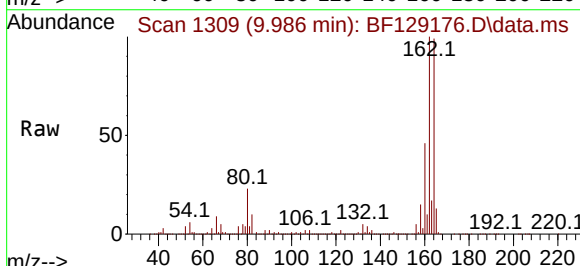
Delta R.T. -0.006 min

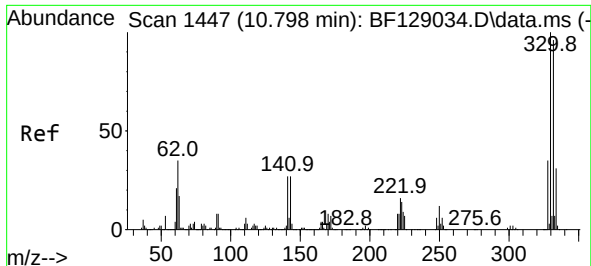
Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

Tgt Ion:164 Resp: 512658

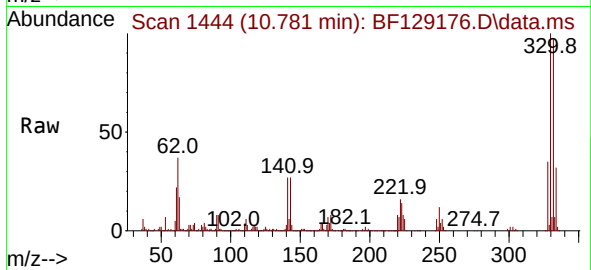
Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.5	119.3
160	46.0	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 93.774 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

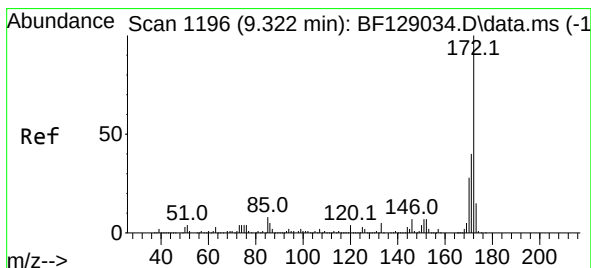
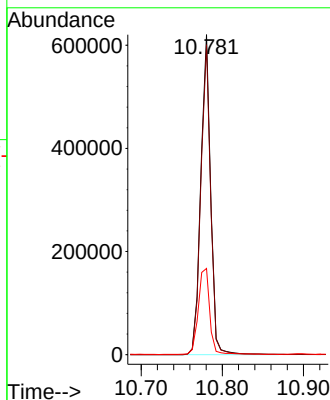
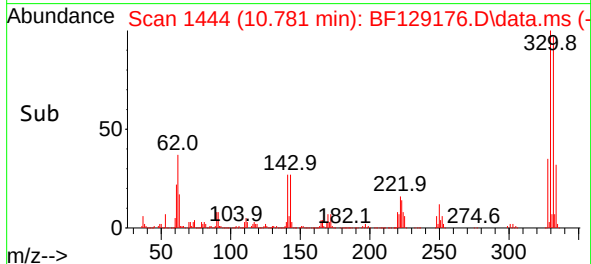
Instrument : BNA_F
ClientSampleId : 20220497A-SIM-C3A-COMPOSITE



Tgt Ion: 330 Resp: 522732
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 31.4 28.0 42.0

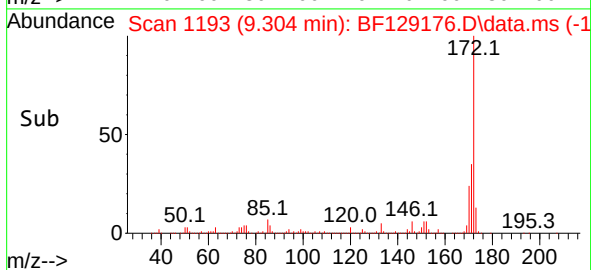
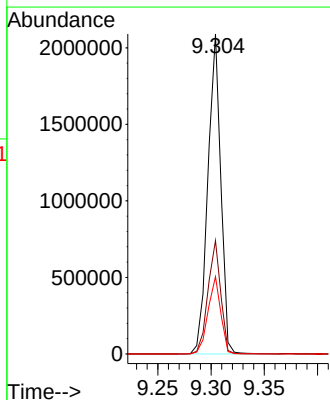
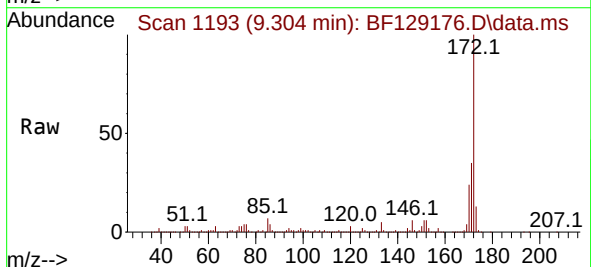
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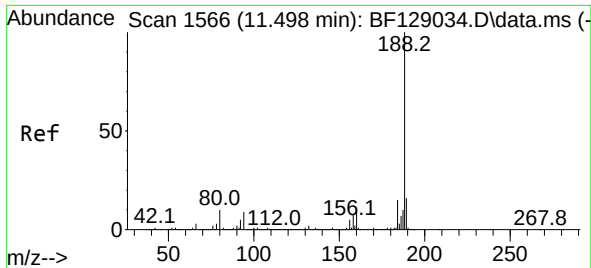
Reviewed By : Jagrut Upadhyay 07/11/2022
Supervised By : mohammad ahmed 07/11/2022



#45
2-Fluorobiphenyl
Concen: 55.109 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

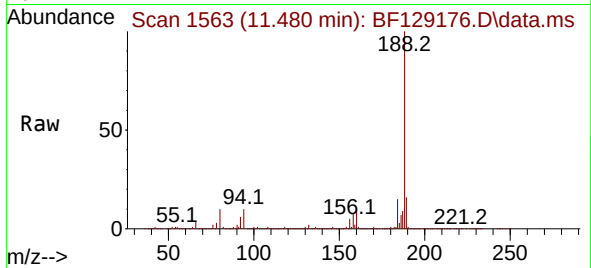
Tgt Ion: 172 Resp: 1765988
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

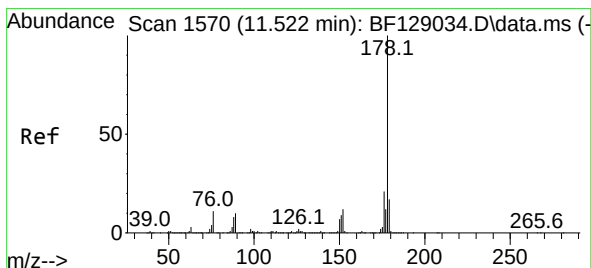
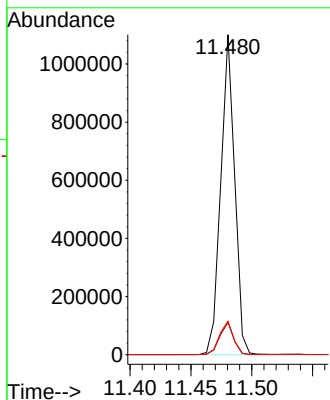
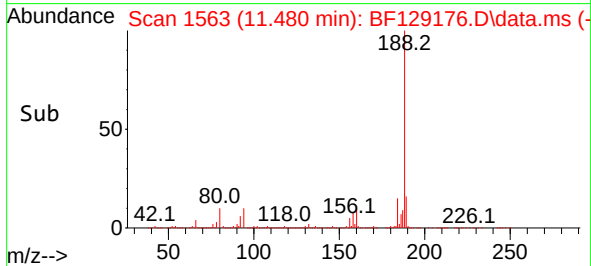
Instrument : BNA_F
ClientSampleId : 20220497A-SIM-C3A-COMPOSITE



Tgt Ion:188 Resp: 877798
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.6 11.4

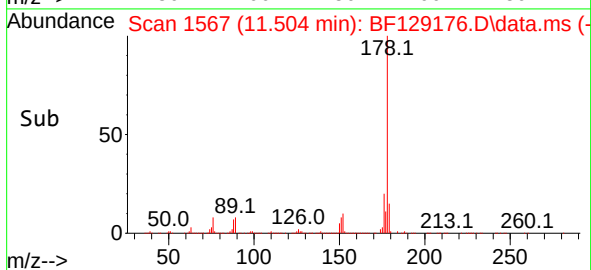
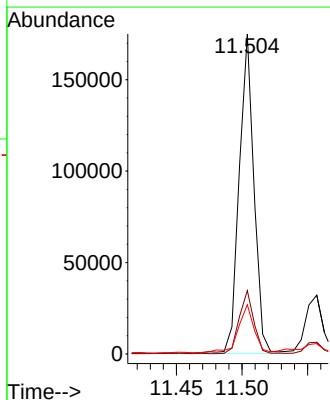
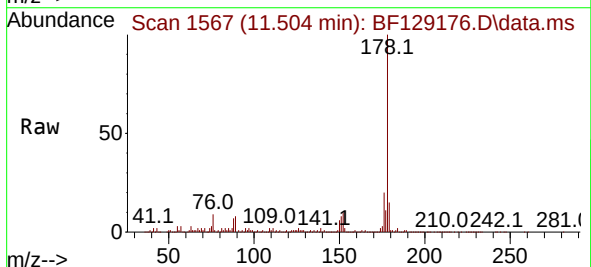
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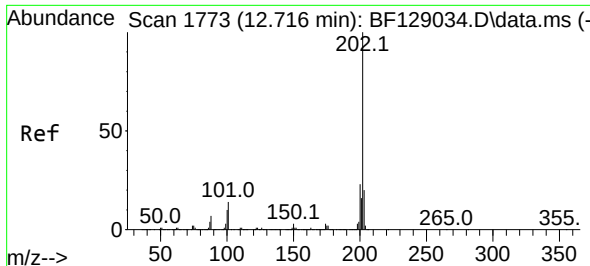
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#71
Phenanthrene
Concen: 3.262 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

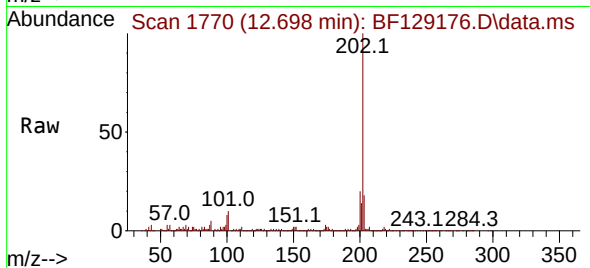
Tgt Ion:178 Resp: 136801
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.4 12.6 19.0





#75
Fluoranthene
Concen: 3.877 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

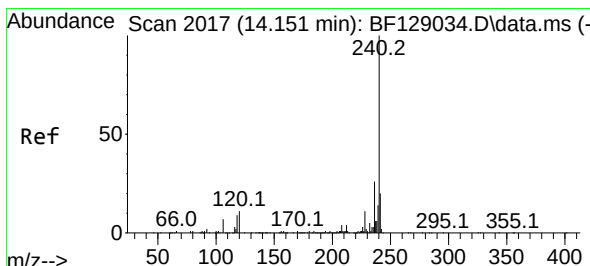
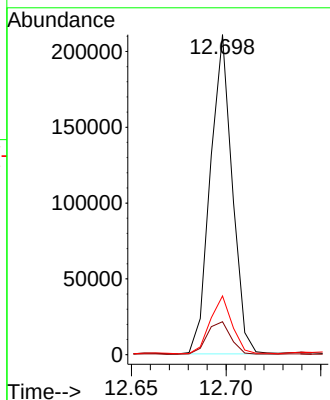
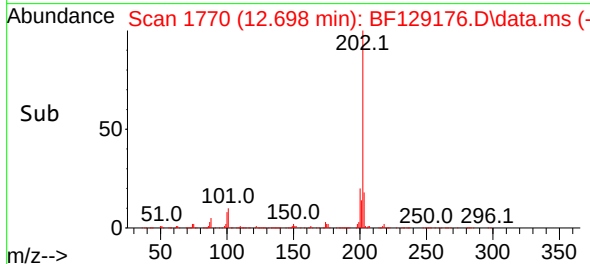
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE



Tgt Ion:202 Resp: 170074
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.4 0.0 38.0

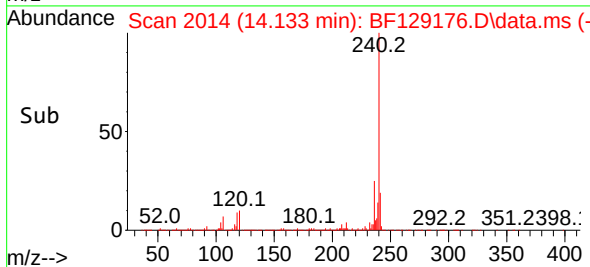
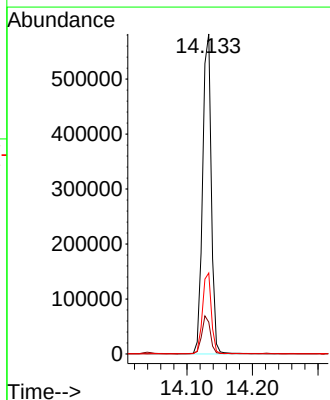
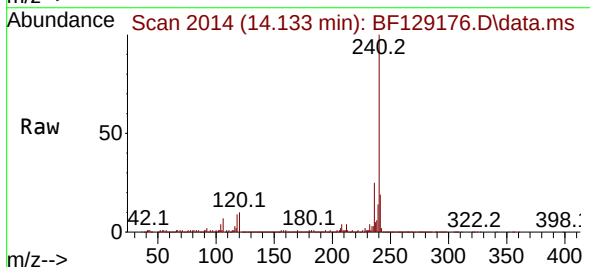
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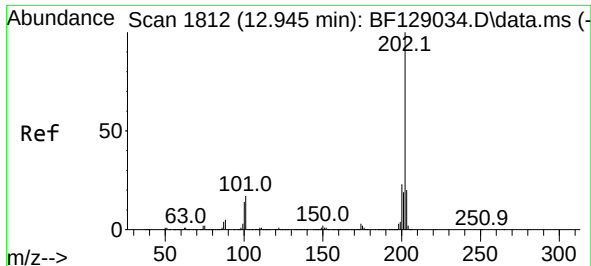
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

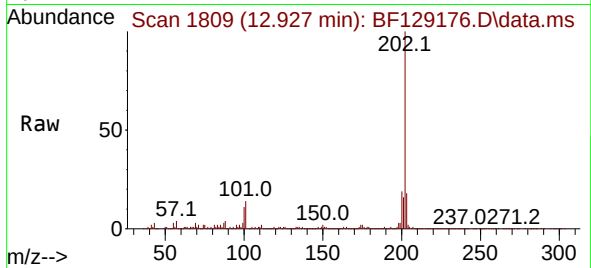
Tgt Ion:240 Resp: 536983
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.3 20.8 31.2





#78
Pyrene
Concen: 4.958 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

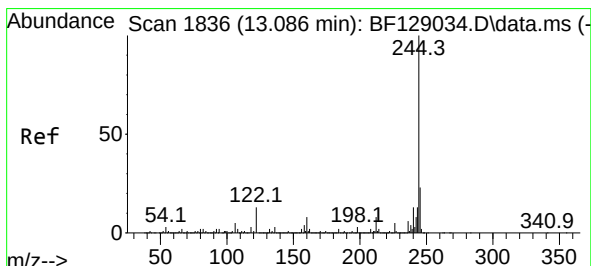
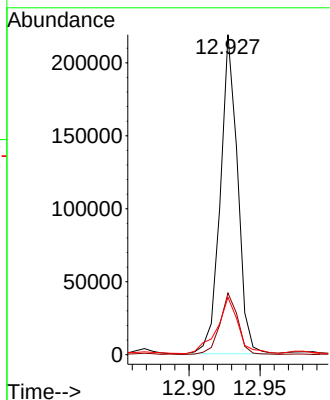
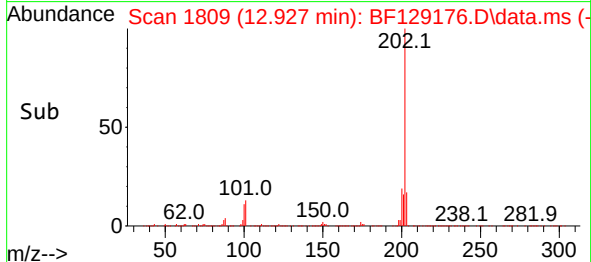
Instrument : BNA_F
ClientSampleId : 20220497A-SIM-C3A-COMPOSITE



Tgt Ion:202 Resp: 18453
Ion Ratio Lower Upper
202 100
200 19.3 17.7 26.5
203 17.9 14.6 21.8

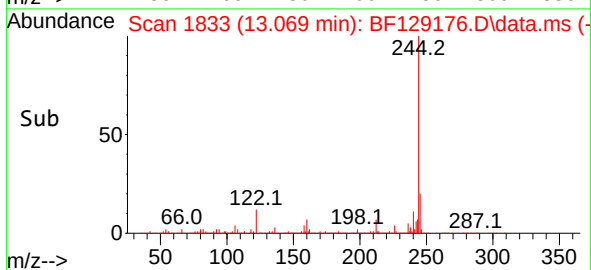
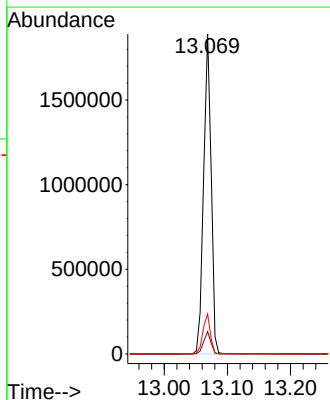
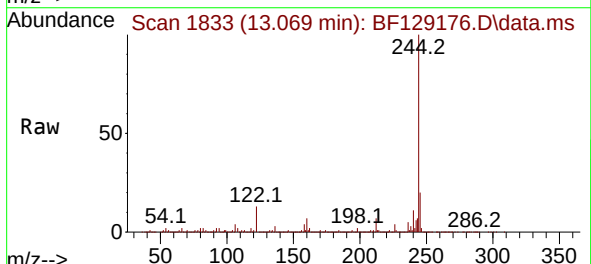
Manual Integrations
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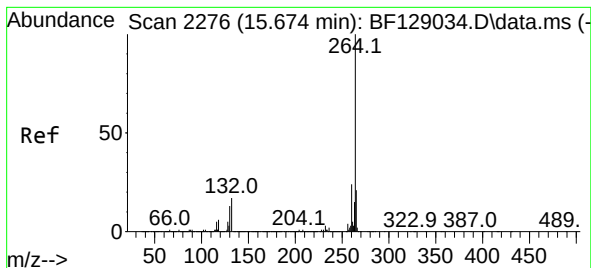
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#79
Terphenyl-d14
Concen: 60.866 ng
RT: 13.069 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:244 Resp: 1573885
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 12.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

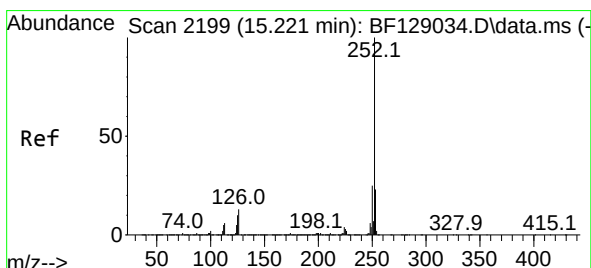
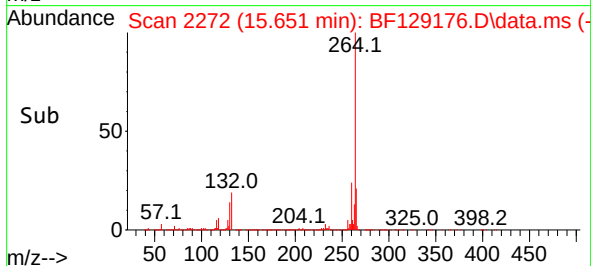
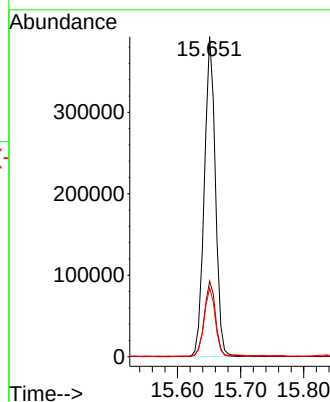
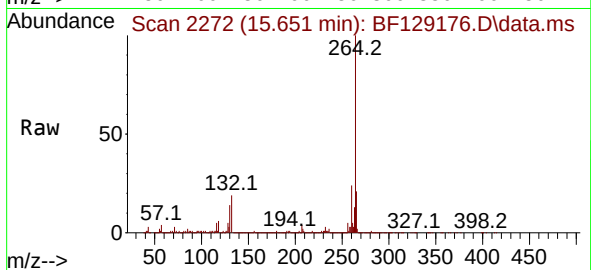
20220497A-SIM-C3A-COMPOSITE

Tgt Ion:264 Resp: 478670
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.5 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022



#88

Benzo(b)fluoranthene

Concen: 2.042 ng m

RT: 15.198 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

Tgt Ion:252 Resp: 58796
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.7 26.5
 125 16.1 8.0 12.0#

