

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126577.D
 Acq On : 10 Jan 2022 20:08
 Operator : JU/CG
 Sample : N1076-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURFACE-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

Quant Time: Jan 11 01:38:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93543	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	377575	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	170512	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	234592	20.000	ng	0.00
76) Chrysene-d12	13.939	240	159253	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	175753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	621207	95.367	ng	0.01
7) Phenol-d6	6.410	99	777709	92.180	ng	0.00
23) Nitrobenzene-d5	7.333	82	491664	66.861	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	141210	107.170	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	671017	69.251	ng	0.00
79) Terphenyl-d14	12.886	244	431293	52.619	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.316	178	57347	4.782	ng	98
72) Anthracene	11.368	178	24344	2.029	ng	99
75) Fluoranthene	12.510	202	185355	16.933	ng	97
78) Pyrene	12.739	202	175907	13.070	ng	99
80) Butylbenzylphthalate	13.362	149	14702	2.465	ng	# 89
81) Benzo(a)anthracene	13.927	228	92266	10.074	ng	96
83) Chrysene	13.962	228	92567	9.853	ng	98
84) Bis(2-ethylhexyl)phtha...	13.927	149	14466	2.341	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.792	276	47915	4.074	ng	93
88) Benzo(b)fluoranthene	14.968	252	161685m	15.443	ng	
89) Benzo(k)fluoranthene	14.992	252	44322m	4.370	ng	
90) Benzo(a)pyrene	15.321	252	79362	9.040	ng	97
92) Benzo(g,h,i)perylene	17.221	276	39568	3.915	ng	96

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

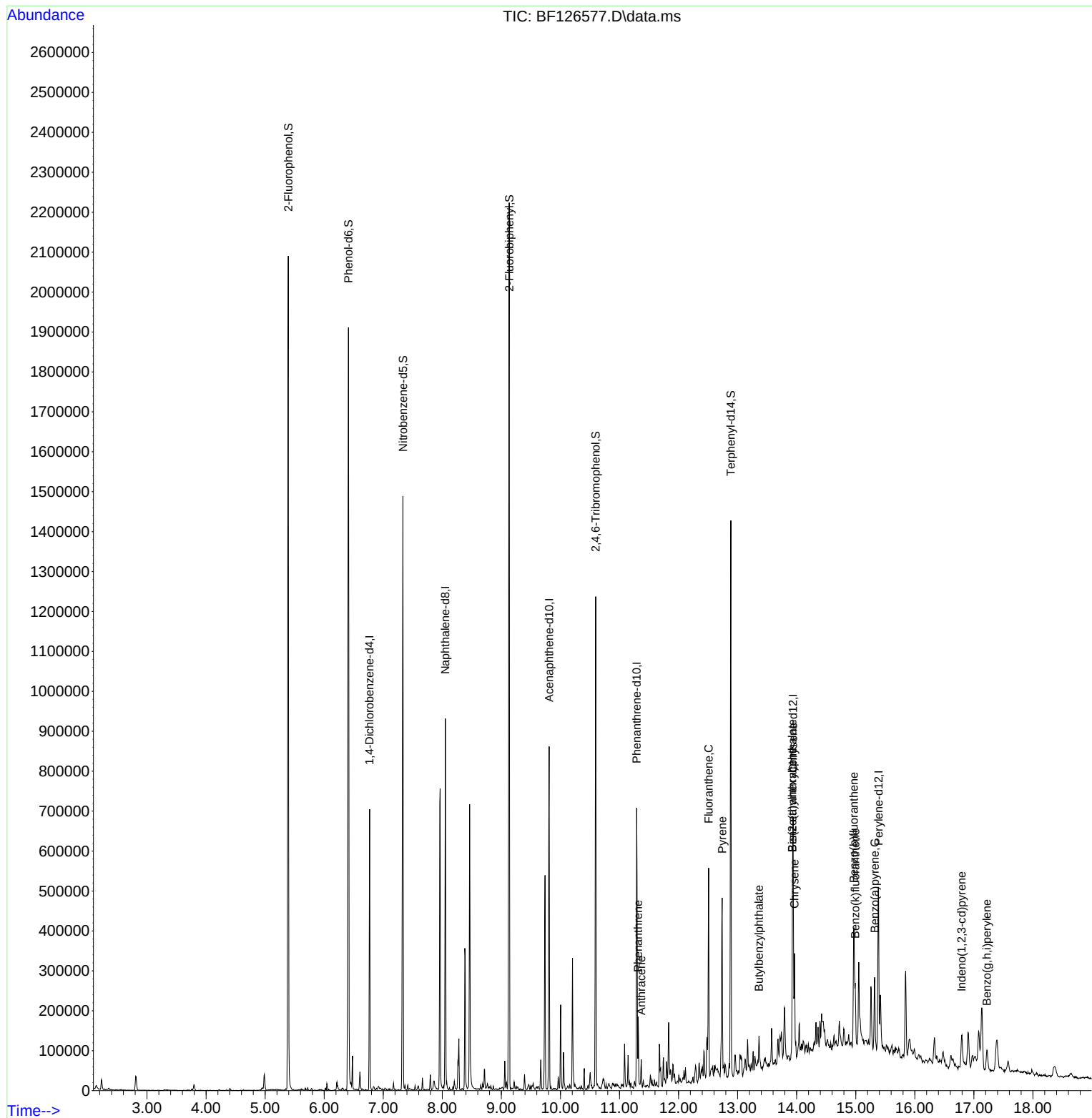
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126577.D
Acq On : 10 Jan 2022 20:08
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ALS Vial : 20 Sample Multiplier: 1

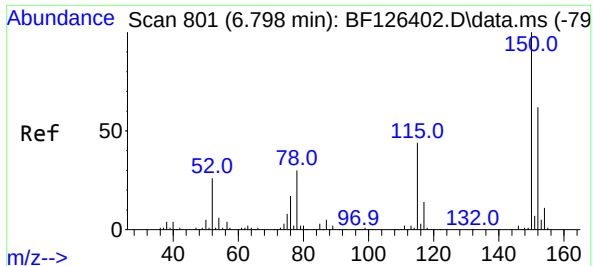
Instrument :
BNA_F
ClientSampleId :
SURFACE-01

Quant Time: Jan 11 01:38:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
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Manual Integrations
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

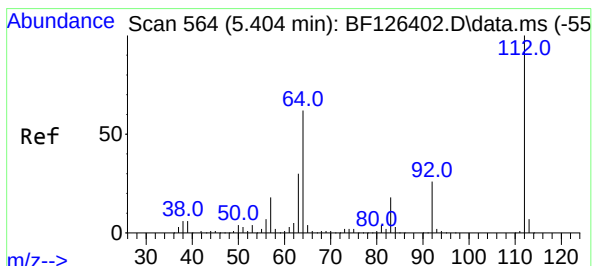
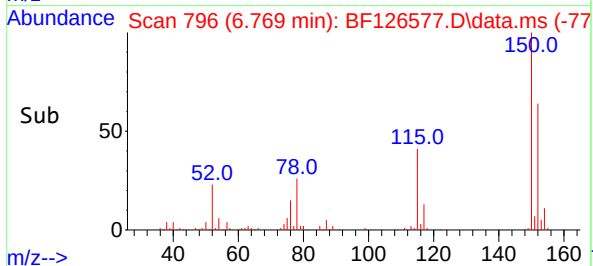
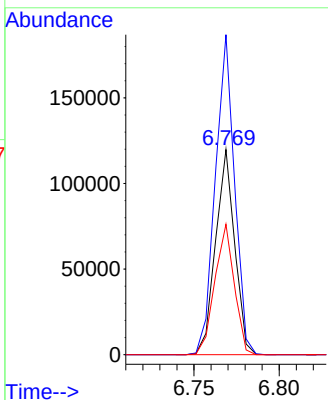
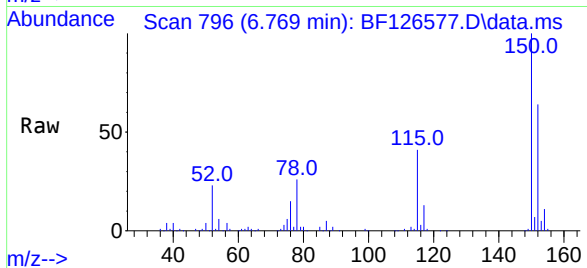
SURFACE-01

Tgt Ion:152 Resp: 9354
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 63.6 56.7 85.1

Manual Integrations

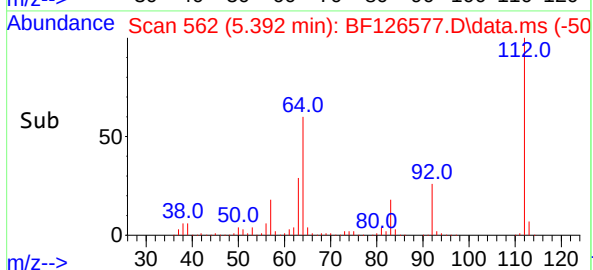
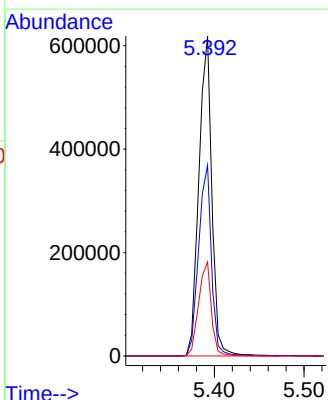
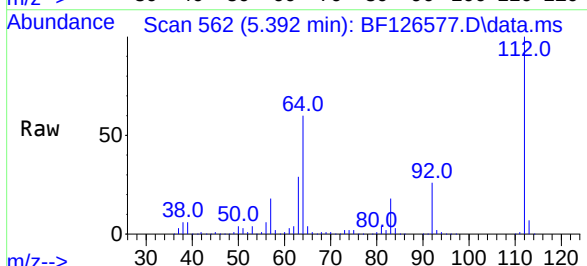
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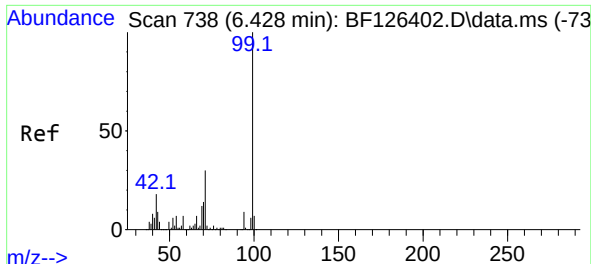
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Supervised By :Jagrut Upadhyay 01/11/2022



#5
2-Fluorophenol
Concen: 95.367 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:112 Resp: 621207
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 29.4 23.9 35.9





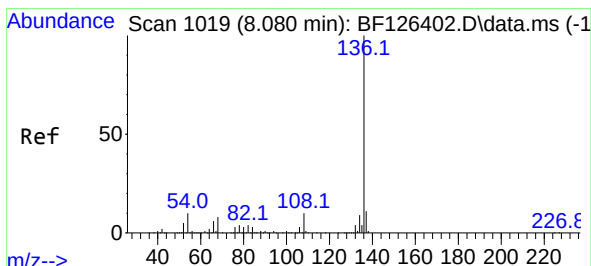
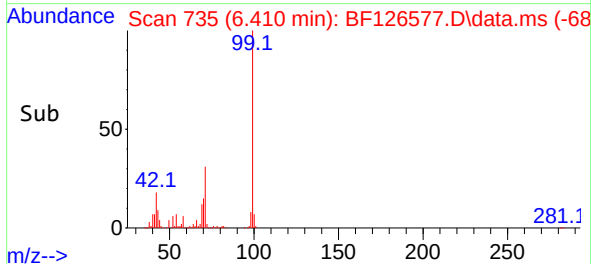
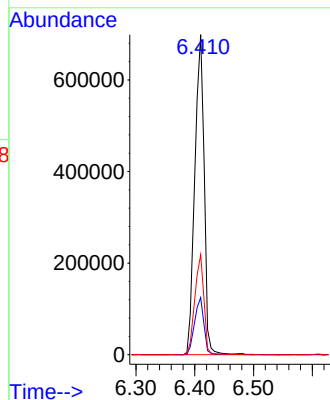
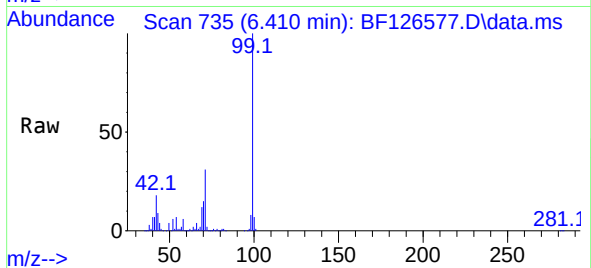
#7
Phenol-d6
Concen: 92.180 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :
BNA_F
ClientSampleId :
SURFACE-01

Tgt Ion: 99 Resp: 777709
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 31.3 24.3 36.5

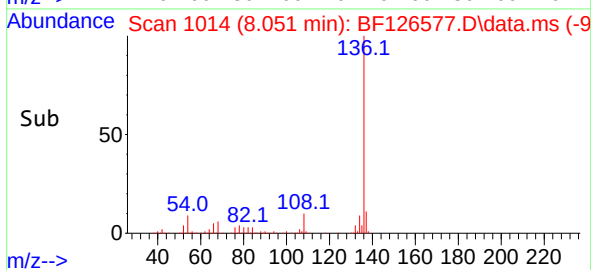
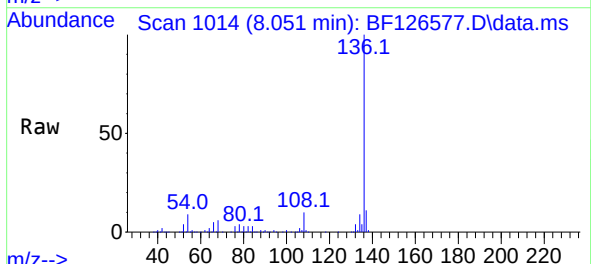
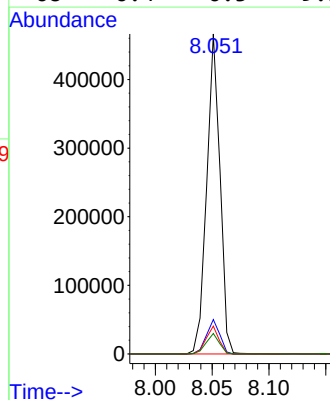
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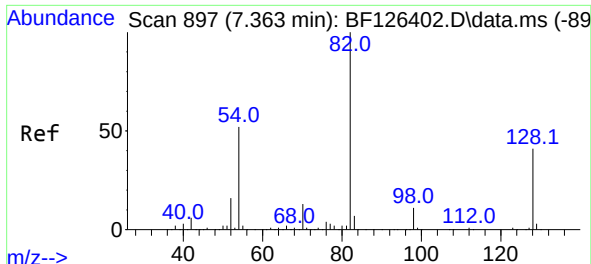
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:136 Resp: 377575
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.8 11.6
68 6.4 6.3 9.5





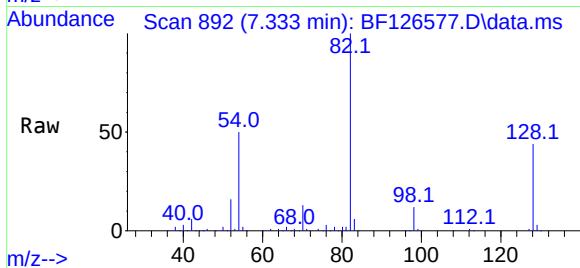
#23
Nitrobenzene-d5
Concen: 66.861 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

SURFACE-01

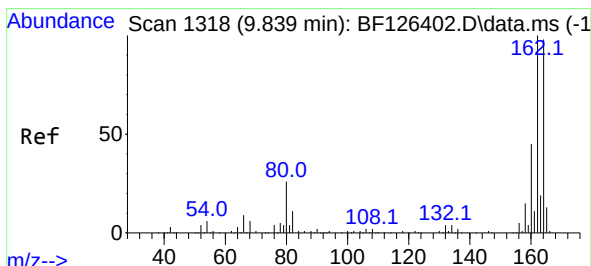
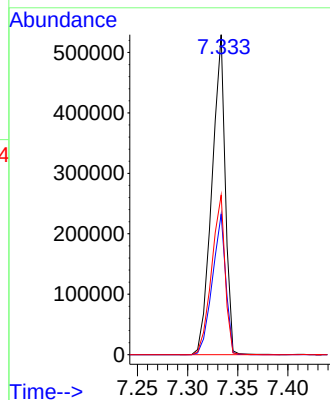
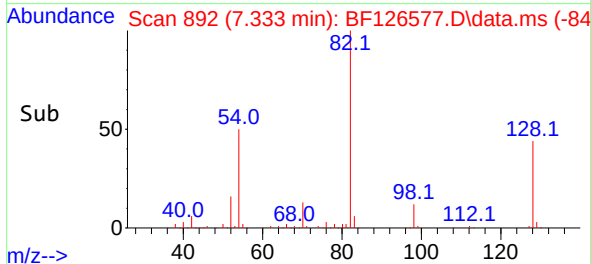


Tgt Ion: 82 Resp: 491664
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 49.9 41.7 62.5

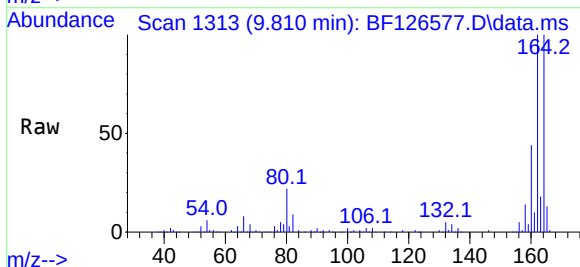
Manual Integrations

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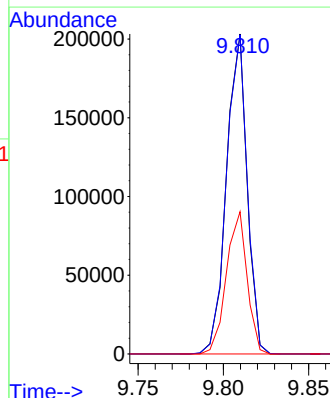
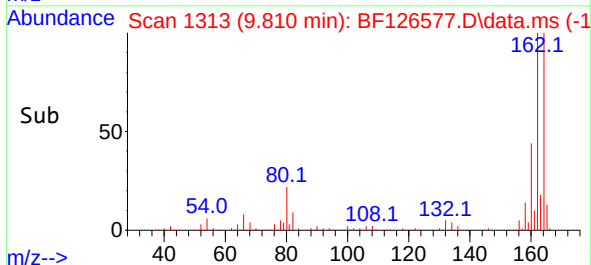
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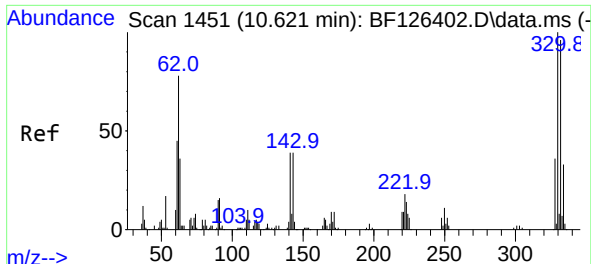


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08



Tgt Ion:164 Resp: 170512
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.5 36.6 54.8





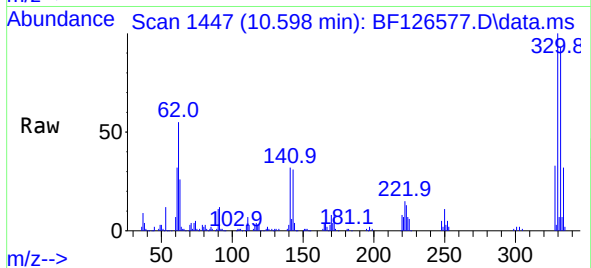
#42
2,4,6-Tribromophenol
Concen: 107.170 ng
RT: 10.598 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

SURFACE-01

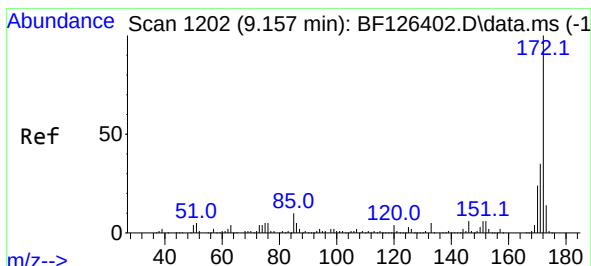
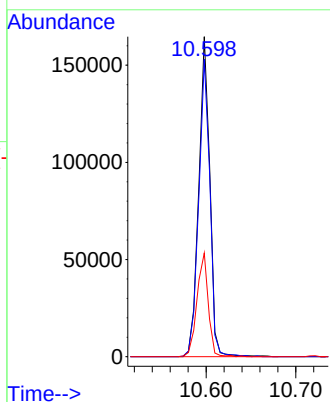
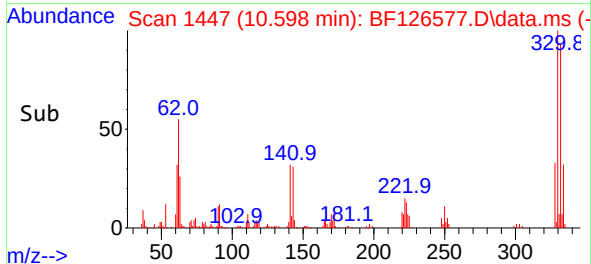


Tgt Ion:330 Resp: 141210
Ion Ratio Lower Upper
330 100
332 93.9 76.0 114.0
141 33.0 30.1 45.1

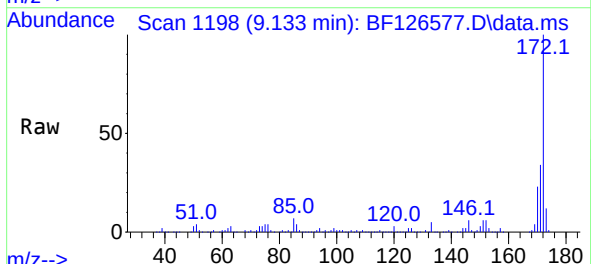
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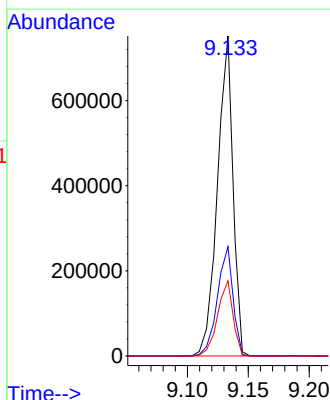
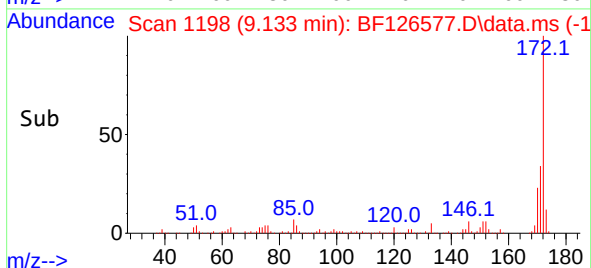
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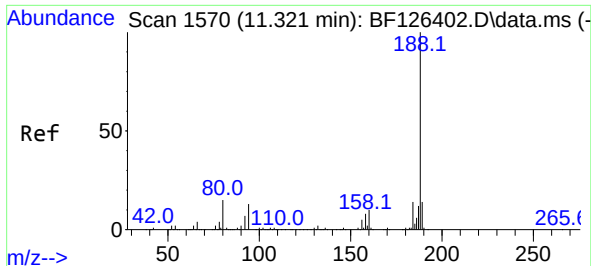


#45
2-Fluorobiphenyl
Concen: 69.251 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08



Tgt Ion:172 Resp: 671017
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.5 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

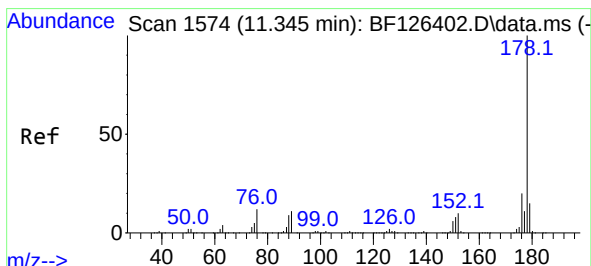
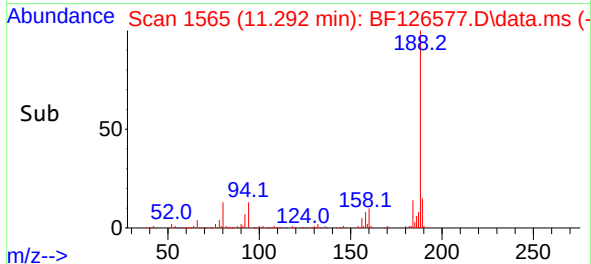
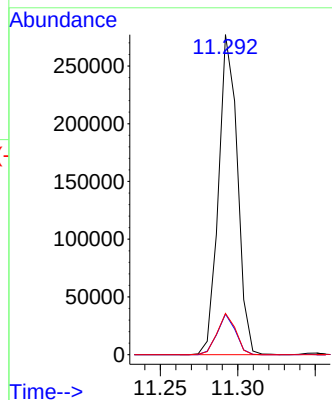
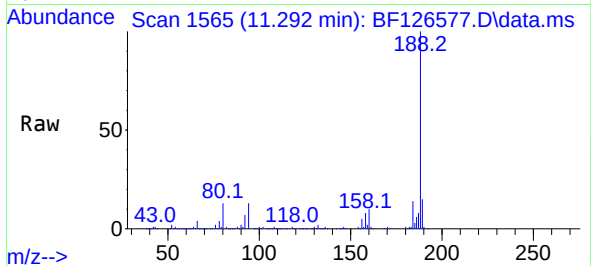
SURFACE-01

Tgt Ion:188 Resp: 234592
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 12.9 11.8 17.6

Manual Integrations

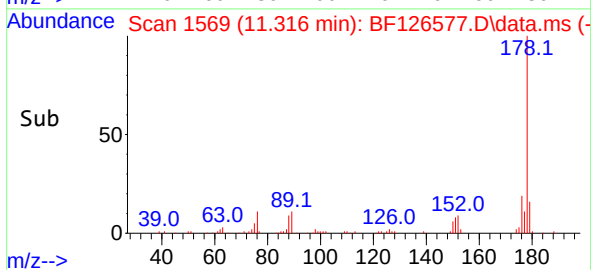
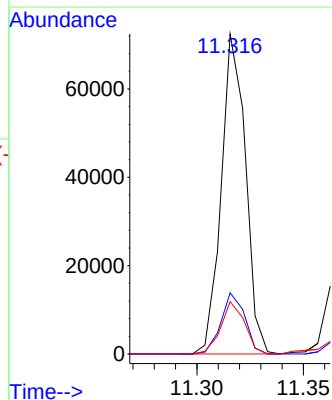
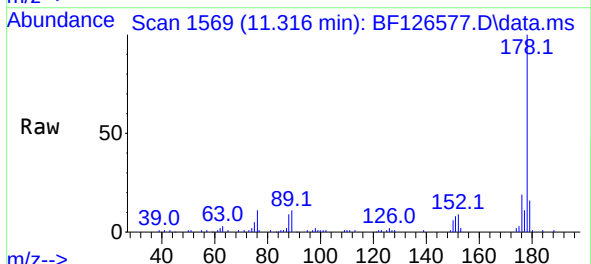
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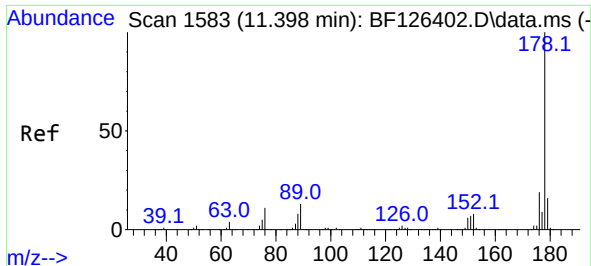
Reviewed By :Christian Giraldo 01/11/2022
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#71
Phenanthrene
Concen: 4.782 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:178 Resp: 57347
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.3 12.3 18.5





#72
 Anthracene
 Concen: 2.029 ng
 RT: 11.368 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

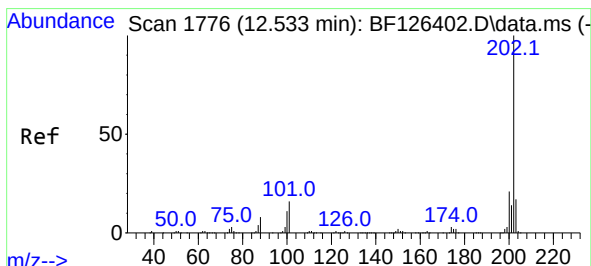
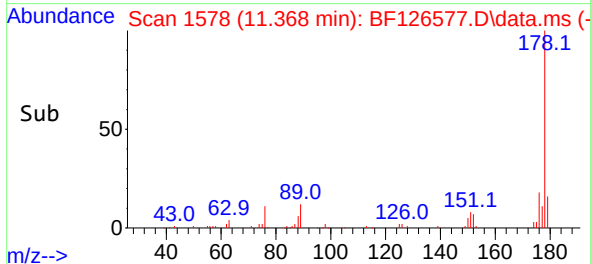
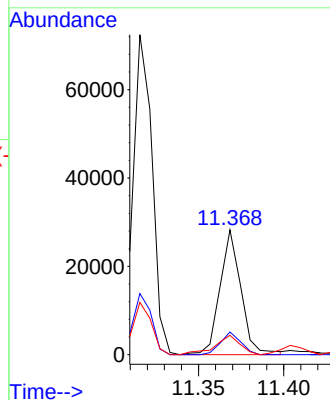
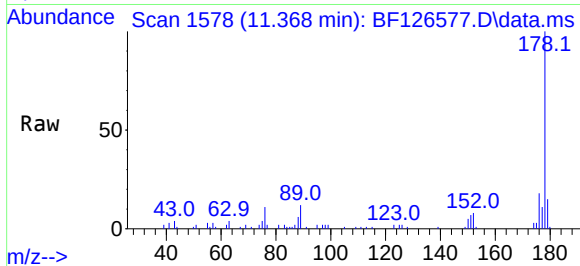
SURFACE-01

Tgt Ion:178 Resp: 24344
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.0 22.6
 179 15.5 12.5 18.7

Manual Integrations

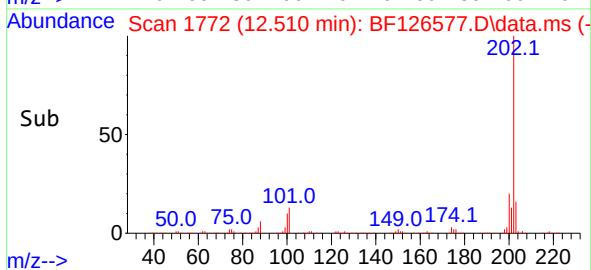
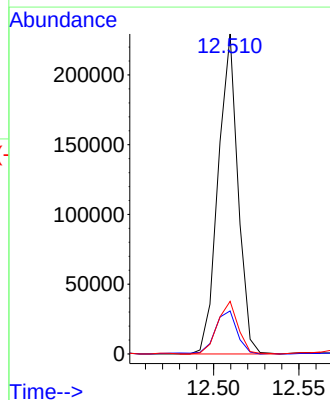
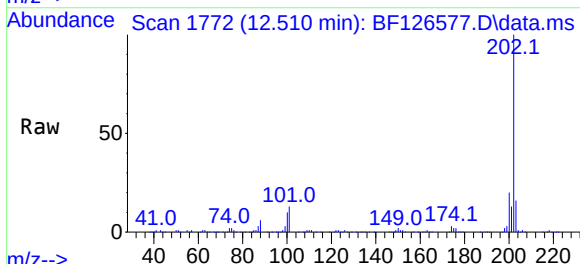
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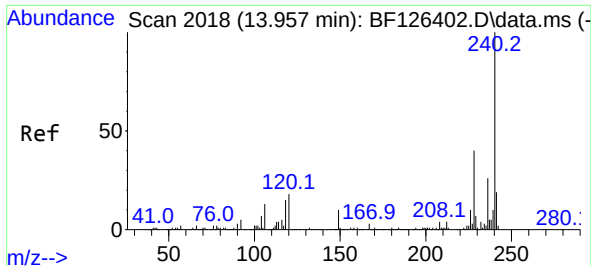
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#75
 Fluoranthene
 Concen: 16.933 ng
 RT: 12.510 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Tgt Ion:202 Resp: 185355
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 35.7
 203 16.5 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

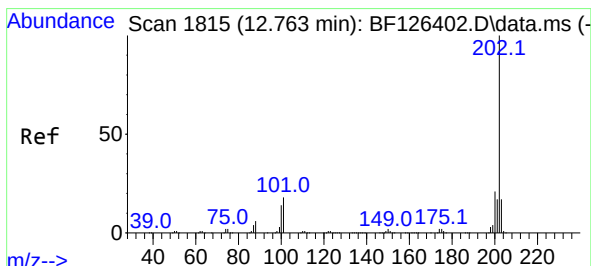
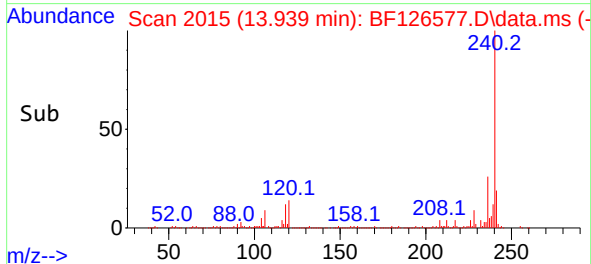
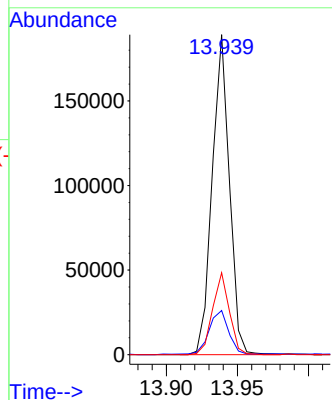
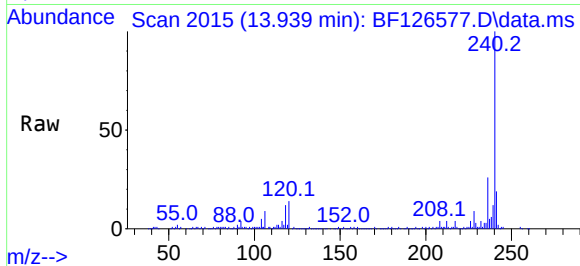
SURFACE-01

Tgt Ion:240 Resp: 15925
Ion Ratio Lower Upper
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236 25.6 20.5 30.7

Manual Integrations

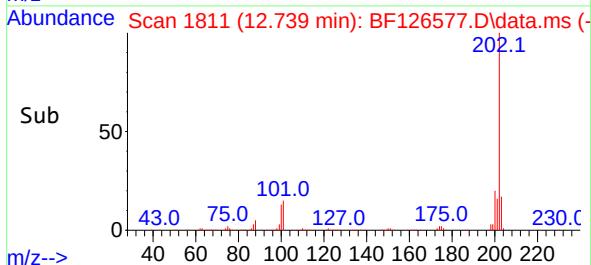
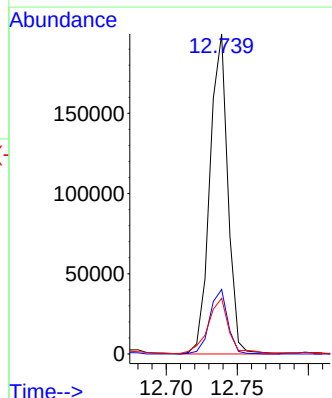
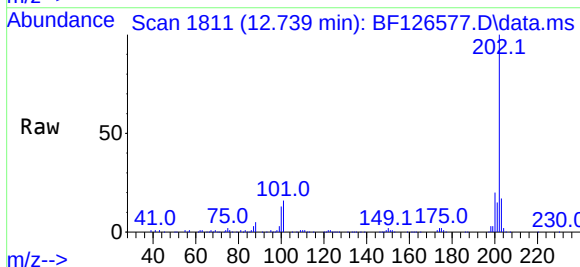
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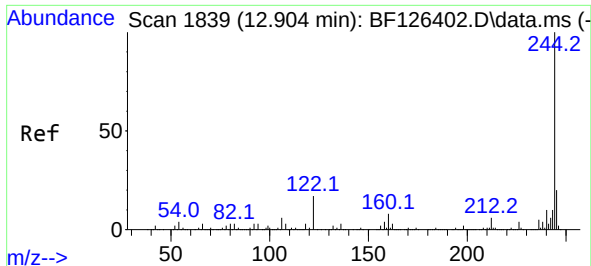
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#78
Pyrene
Concen: 13.070 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:202 Resp: 175907
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.4 13.8 20.8





#79
 Terphenyl-d14
 Concen: 52.619 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

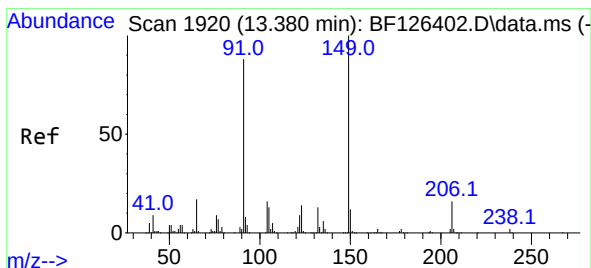
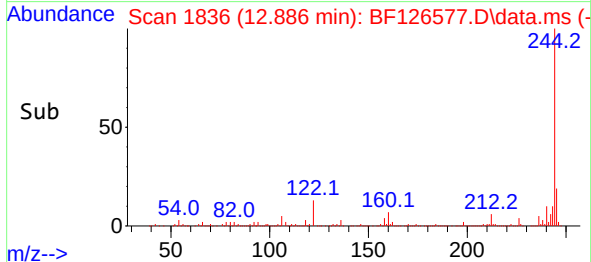
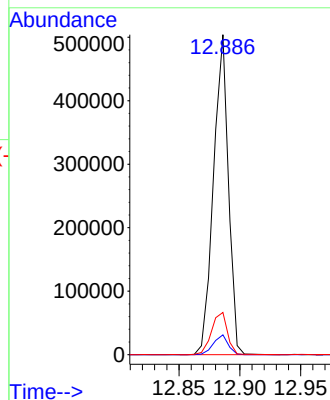
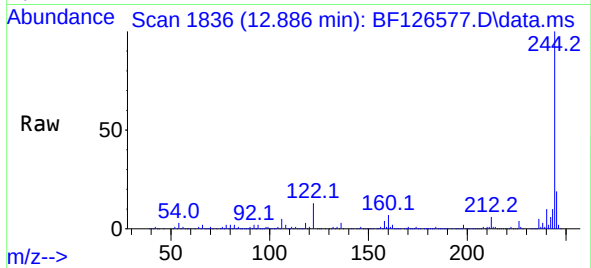
SURFACE-01

Tgt Ion:244 Resp: 43129
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 13.2 13.3 19.9

Manual Integrations

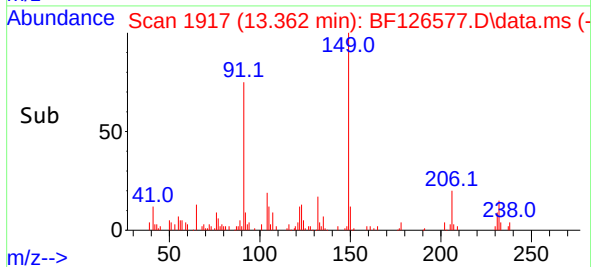
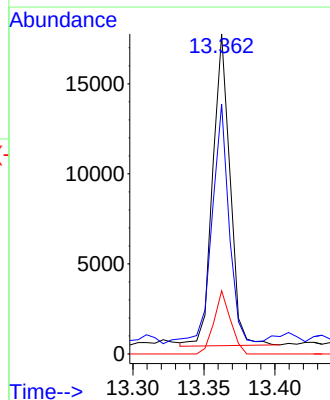
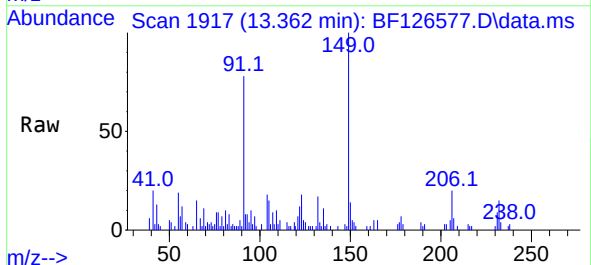
APPROVED

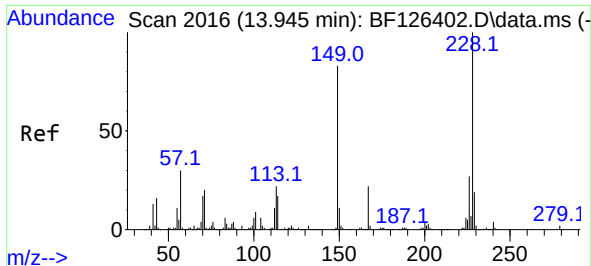
Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022



#80
 Butylbenzylphthalate
 Concen: 2.465 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Tgt Ion:149 Resp: 14702
 Ion Ratio Lower Upper
 149 100
 91 78.1 70.5 105.7
 206 19.8 12.6 19.0





#81
Benzo(a)anthracene
Concen: 10.074 ng
RT: 13.927 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

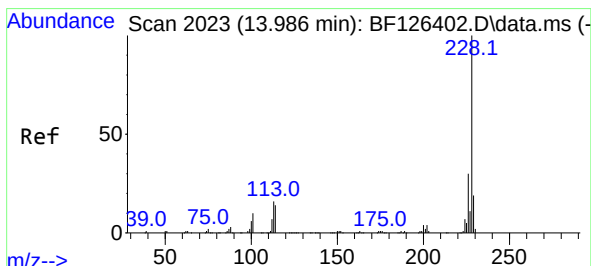
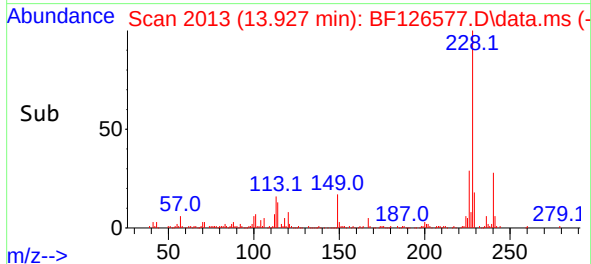
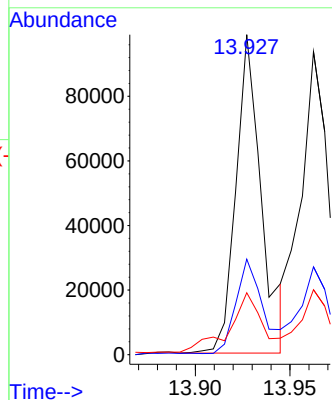
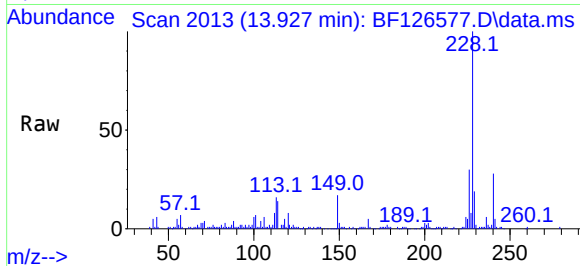
SURFACE-01

Tgt Ion:228 Resp: 92260
Ion Ratio Lower Upper
228 100
226 29.9 21.4 32.0
229 19.4 15.4 23.2

Manual Integrations

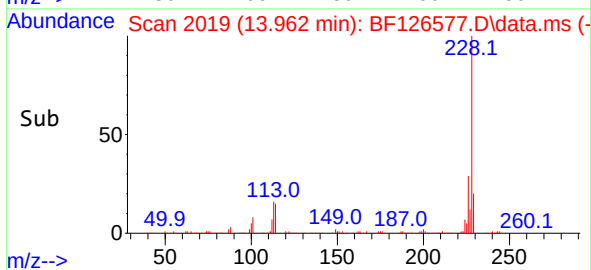
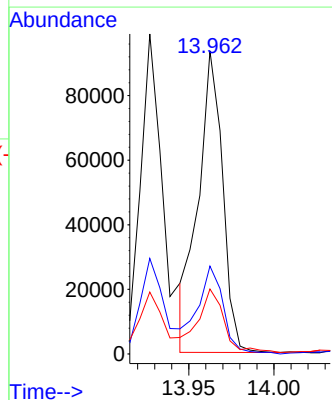
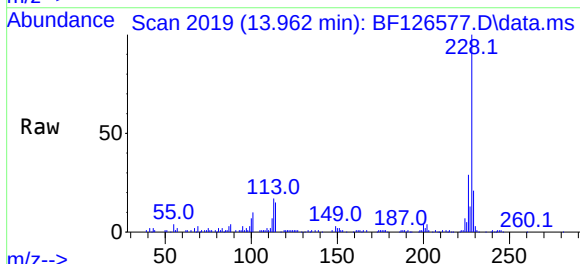
APPROVED

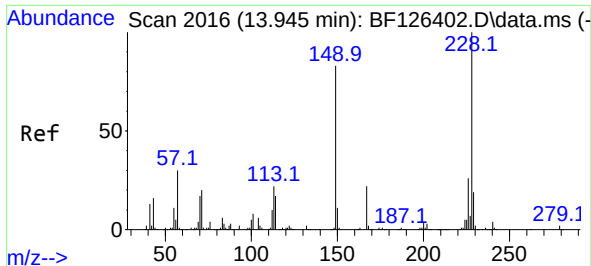
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#83
Chrysene
Concen: 9.853 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:228 Resp: 92567
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 21.4 15.5 23.3





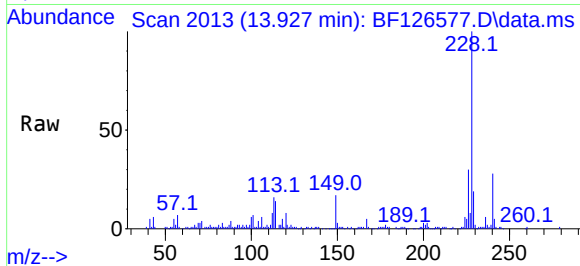
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.341 ng
RT: 13.927 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

SURFACE-01

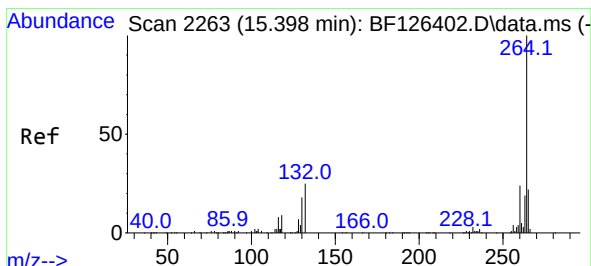
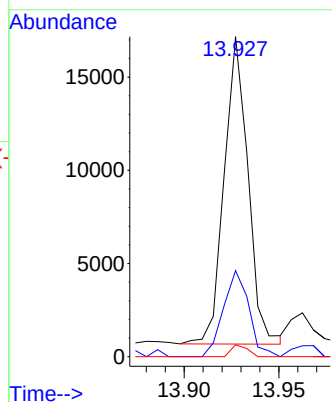
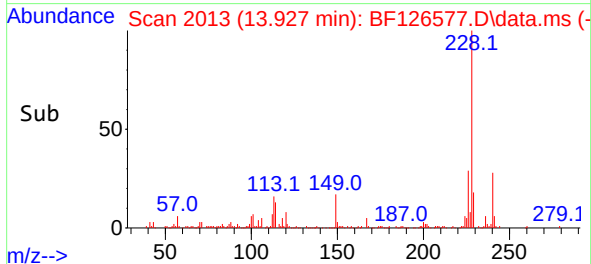


Tgt Ion:149 Resp: 14460
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 3.7 2.4 3.6

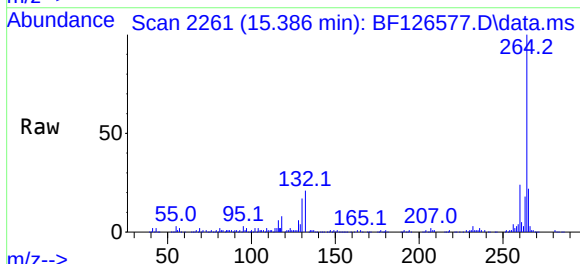
Manual Integrations

APPROVED

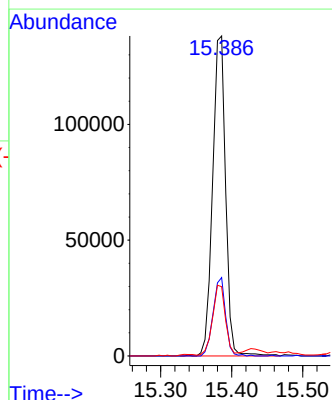
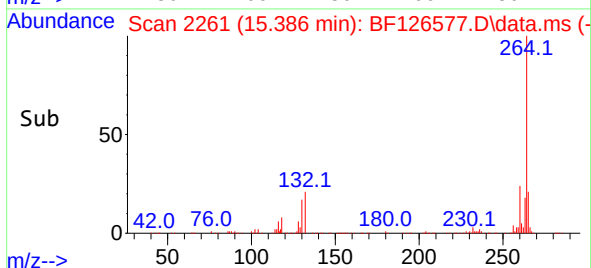
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

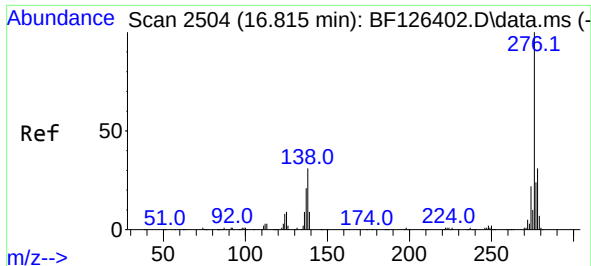


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.012 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08



Tgt Ion:264 Resp: 175753
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.6 17.4 26.2





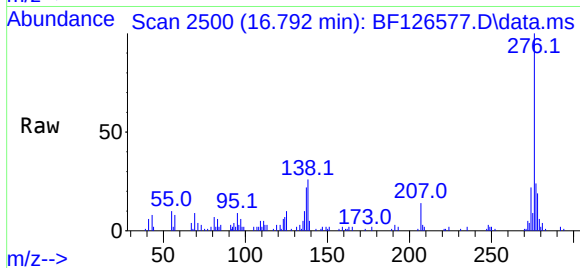
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.074 ng
RT: 16.792 min Scan# 2190
Delta R.T. -0.035 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

SURFACE-01

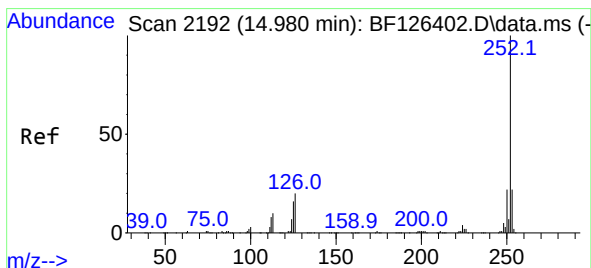
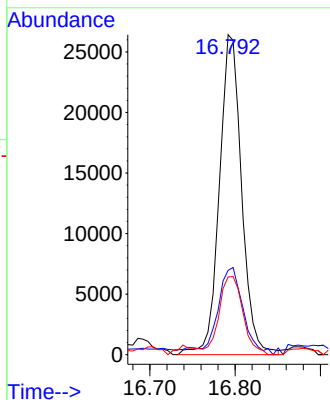
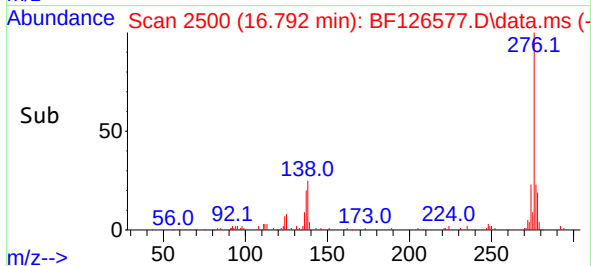


Tgt Ion:276 Resp: 47915
Ion Ratio Lower Upper
276 100
138 30.6 29.2 43.8
277 26.0 19.8 29.8

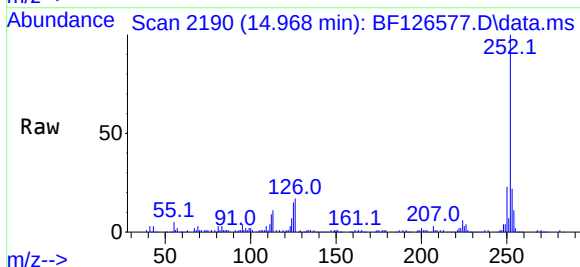
Manual Integrations

APPROVED

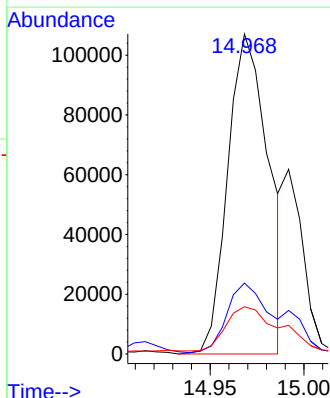
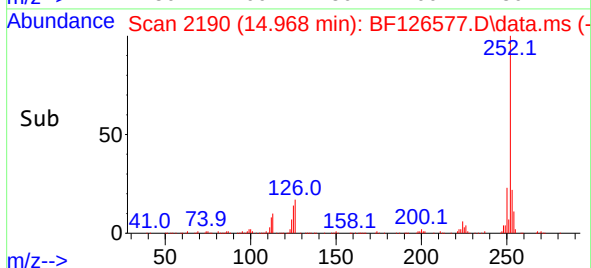
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

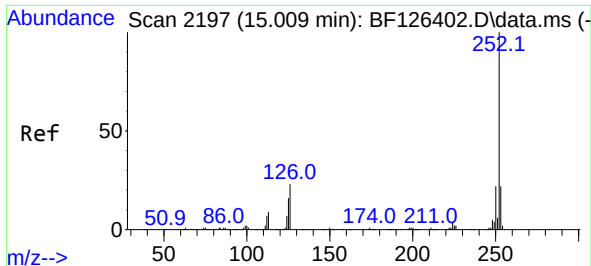


#88
Benzo(b)fluoranthene
Concen: 15.443 ng m
RT: 14.968 min Scan# 2190
Delta R.T. -0.018 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08



Tgt Ion:252 Resp: 161685
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 14.7 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 4.370 ng m
RT: 14.992 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

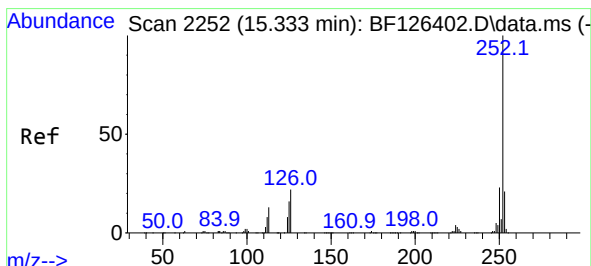
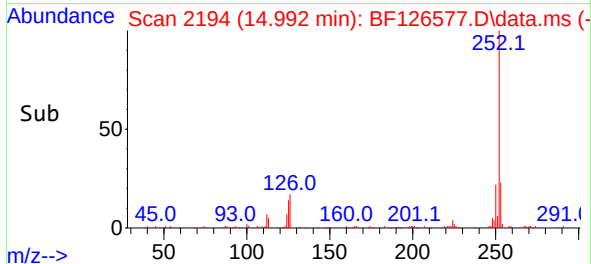
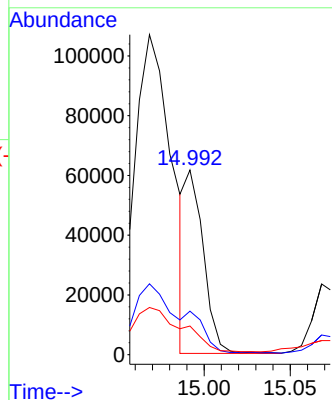
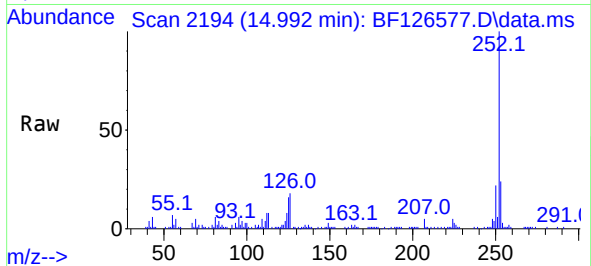
SURFACE-01

Tgt Ion:252 Resp: 4432
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 15.5 11.8 17.6

Manual Integrations

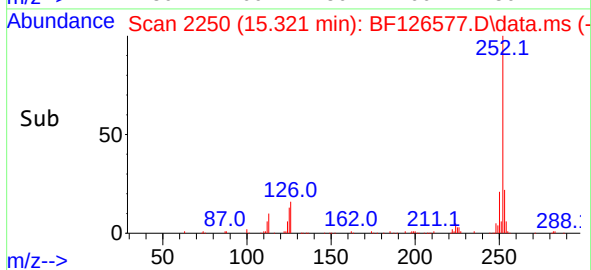
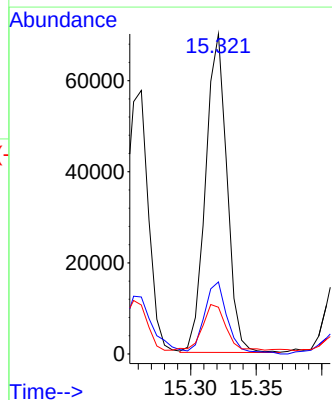
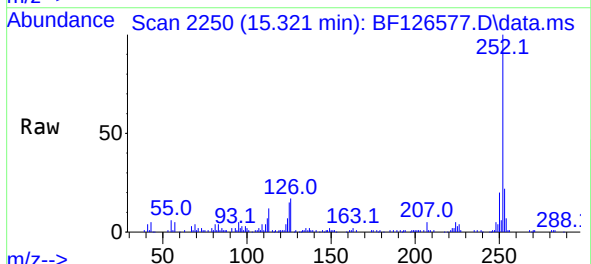
APPROVED

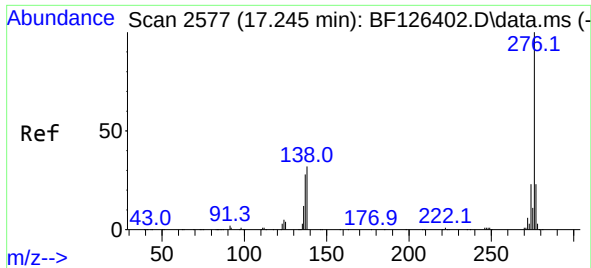
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#90
Benzo(a)pyrene
Concen: 9.040 ng
RT: 15.321 min Scan# 2250
Delta R.T. -0.018 min
Lab File: BF126577.D
Acq: 10 Jan 2022 20:08

Tgt Ion:252 Resp: 79362
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.6 13.0 19.6





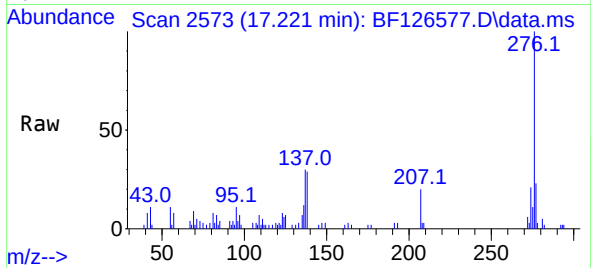
#92
 Benzo(g,h,i)perylene
 Concen: 3.915 ng
 RT: 17.221 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF126577.D
 Acq: 10 Jan 2022 20:08

Instrument :

BNA_F

ClientSampleId :

SURFACE-01



Tgt Ion:276 Resp: 39568
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.5 27.7
 138 28.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022

