

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126145.D
 Acq On : 12 Nov 2021 1:43
 Operator : JU/CG
 Sample : M4639-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-6/4-5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 09:46:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	139836	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	500818	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	263686	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	467344	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	387326	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	230659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	328749	40.373	ng	-0.01
7) Phenol-d6	6.463	99	417258	36.350	ng	-0.02
23) Nitrobenzene-d5	7.398	82	292428	27.537	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	113732	37.637	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	514711	26.378	ng	-0.02
79) Terphenyl-d14	12.951	244	566061	23.567	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	80371	2.848	ng	96
78) Pyrene	12.804	202	80432	2.589	ng	96
88) Benzo(b)fluoranthene	15.045	252	45656m	3.043	ng	
90) Benzo(a)pyrene	15.410	252	28771	2.434	ng	99

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

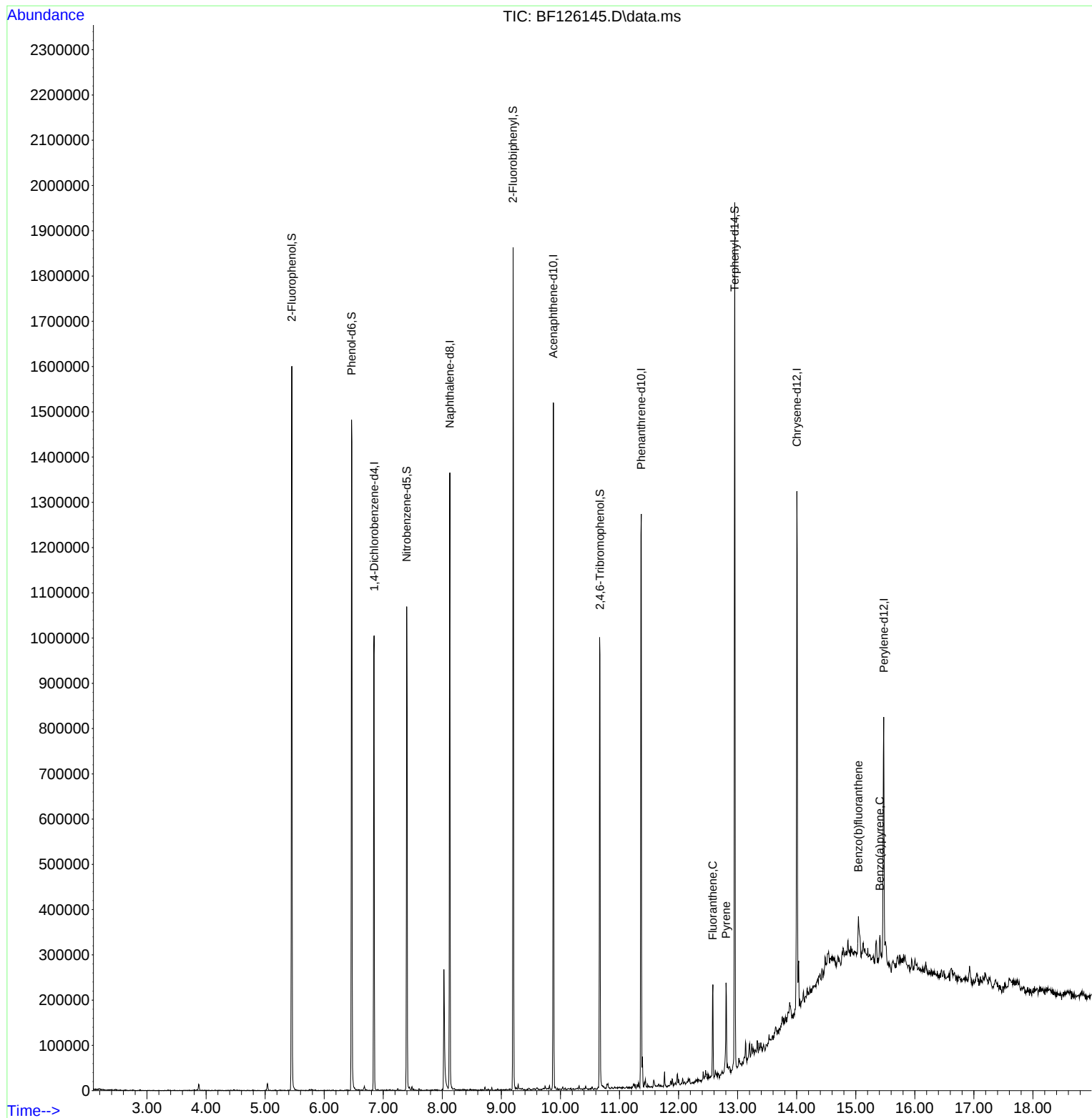
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
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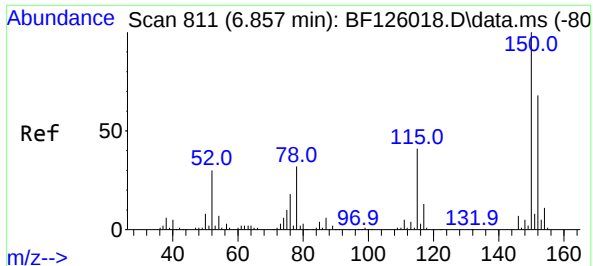
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Quant Time: Nov 12 09:46:10 2021
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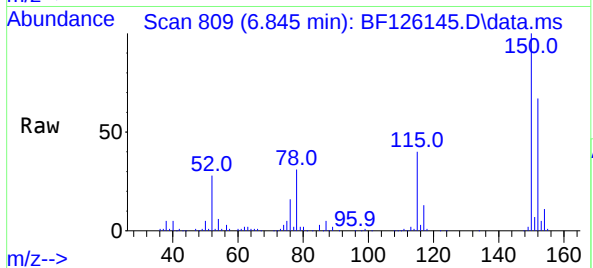
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

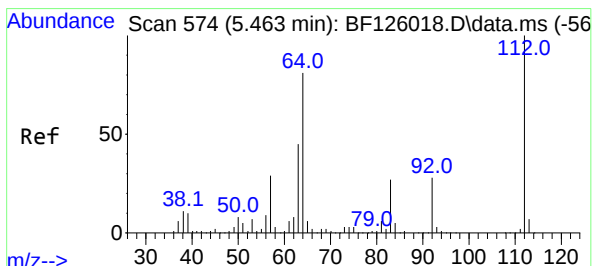
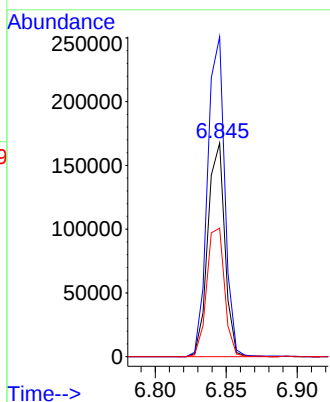
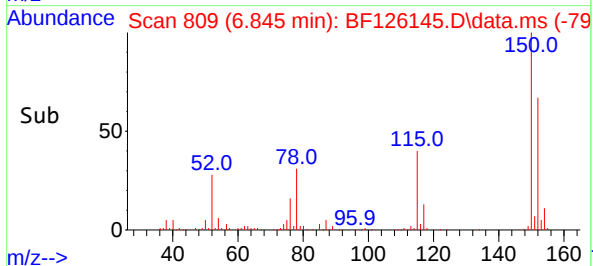
Instrument :
BNA_F
ClientSampleId :
TT-6/4-5



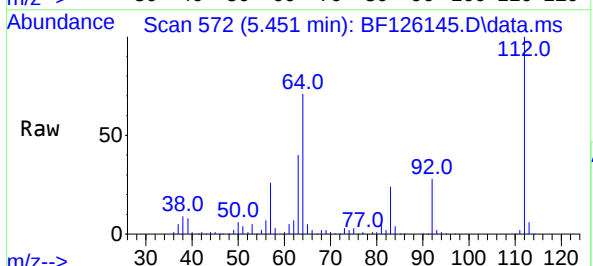
Tgt Ion:152 Resp: 139836
Ion Ratio Lower Upper
152 100
150 149.8 117.6 176.4
115 60.1 47.1 70.7

Manual Integrations
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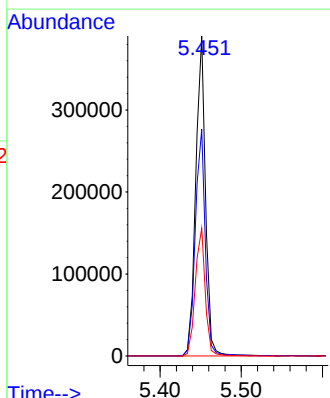
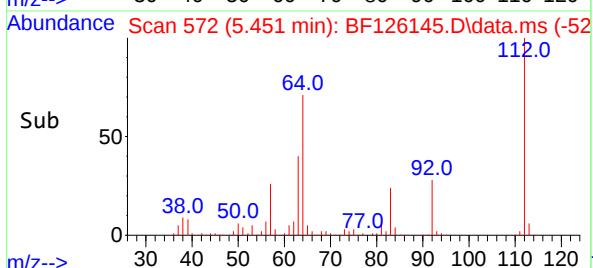
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

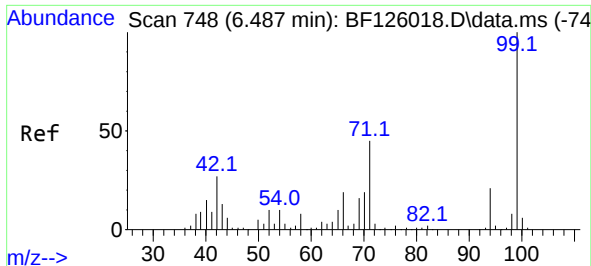


#5
2-Fluorophenol
Concen: 40.373 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



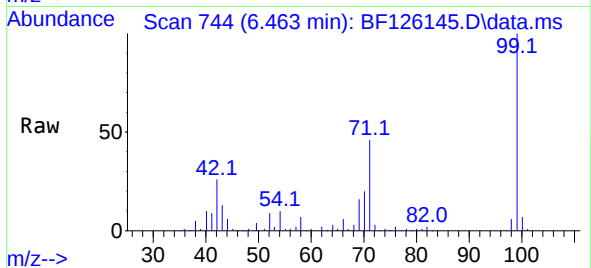
Tgt Ion:112 Resp: 328749
Ion Ratio Lower Upper
112 100
64 70.8 44.2 66.2#
63 40.0 26.2 39.2#





#7
Phenol-d6
Concen: 36.350 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.024 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

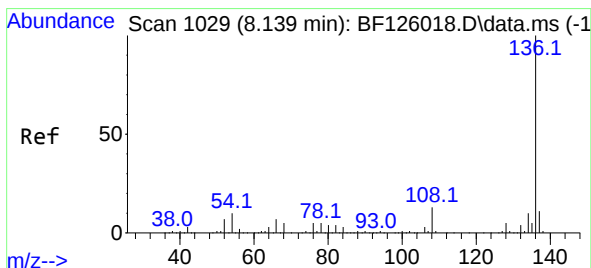
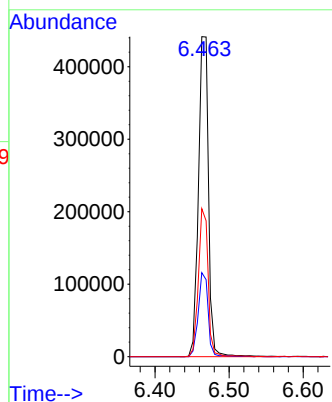
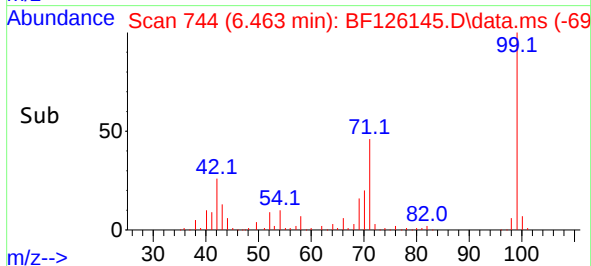
Instrument :
BNA_F
ClientSampleId :
TT-6/4-5



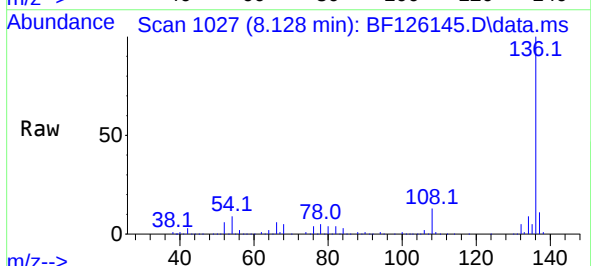
Tgt Ion: 99 Resp: 417258
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 46.2 25.6 38.4

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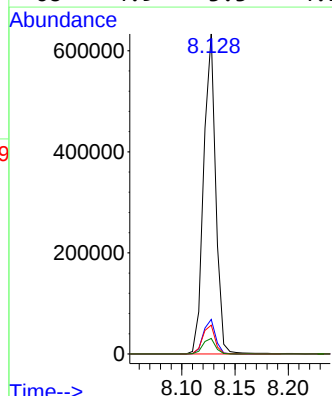
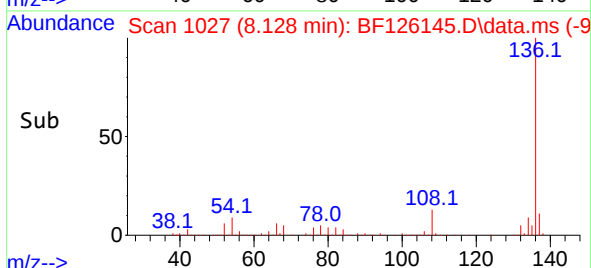
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



Tgt Ion:136 Resp: 500818
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.0 6.4 9.6
68 4.9 3.3 4.9





#23

Nitrobenzene-d5

Concen: 27.537 ng

RT: 7.398 min Scan# 907

Delta R.T. -0.024 min

Lab File: BF126145.D

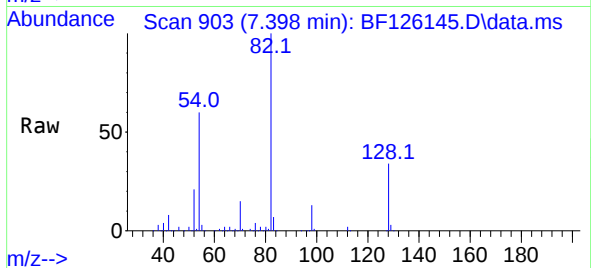
Acq: 12 Nov 2021 1:43

Instrument :

BNA_F

ClientSampleId :

TT-6/4-5



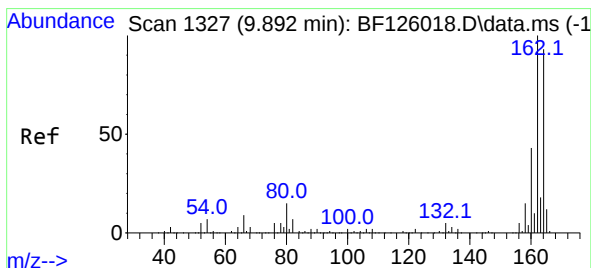
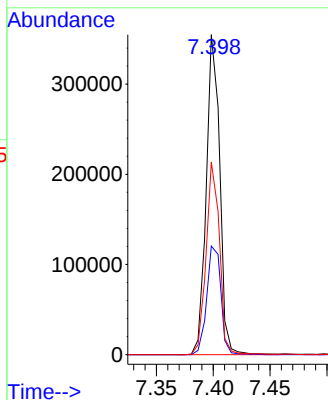
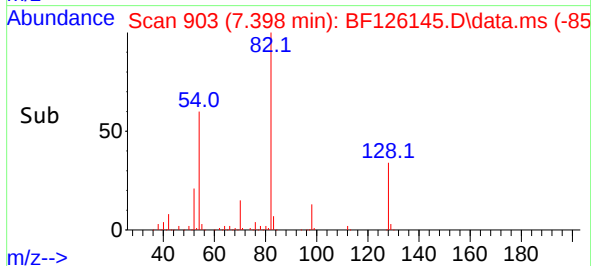
Tgt Ion: 82 Resp: 292428

Ion	Ratio	Lower	Upper
82	100		
128	34.0	40.6	60.8
54	60.2	49.6	74.4

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#39

Acenaphthene-d10

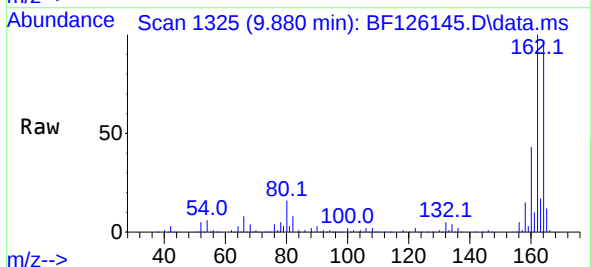
Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

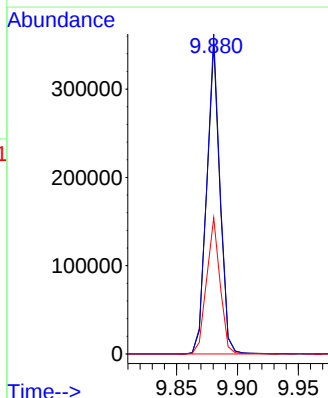
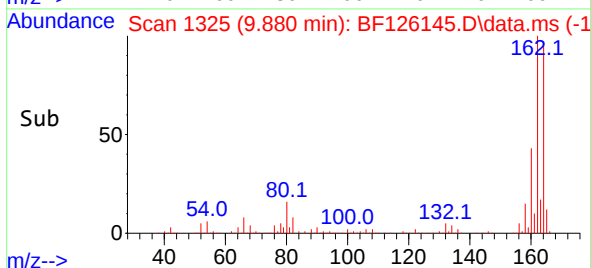
Lab File: BF126145.D

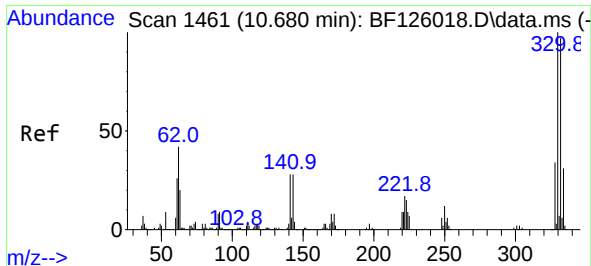
Acq: 12 Nov 2021 1:43



Tgt Ion:164 Resp: 263686

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.3	121.9
160	43.9	38.0	57.0





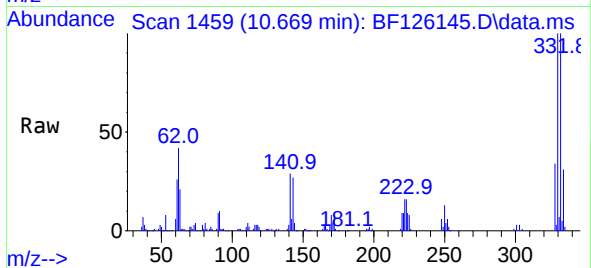
#42
2,4,6-Tribromophenol
Concen: 37.637 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

Instrument :

BNA_F

ClientSampleId :

TT-6/4-5

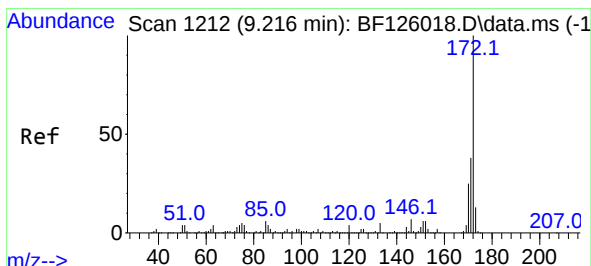
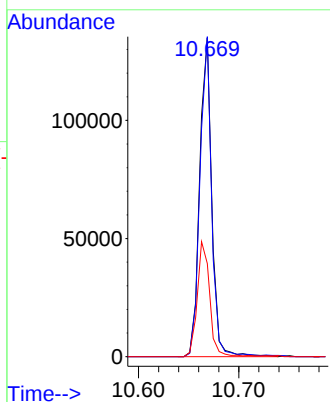
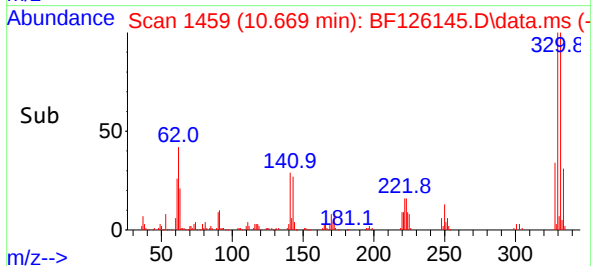


Tgt Ion:330 Resp: 11373
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 37.3 44.6 66.8

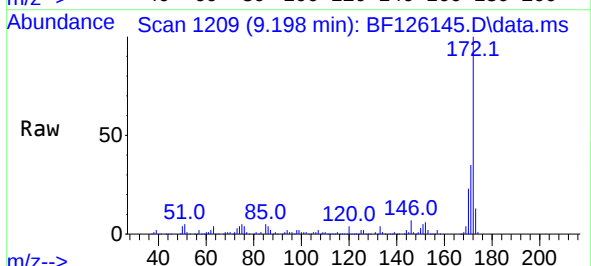
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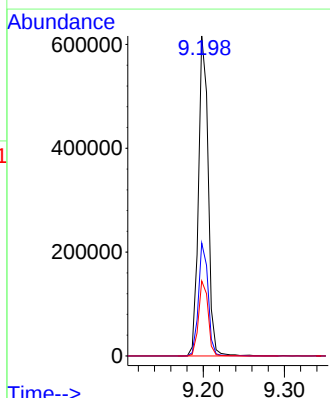
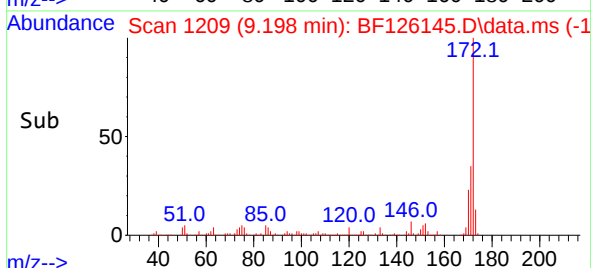
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#45
2-Fluorobiphenyl
Concen: 26.378 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



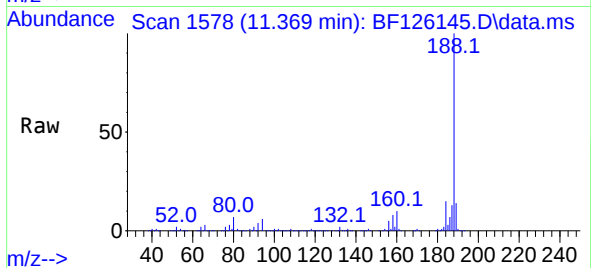
Tgt Ion:172 Resp: 514711
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

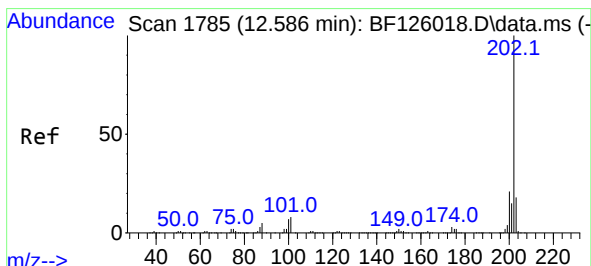
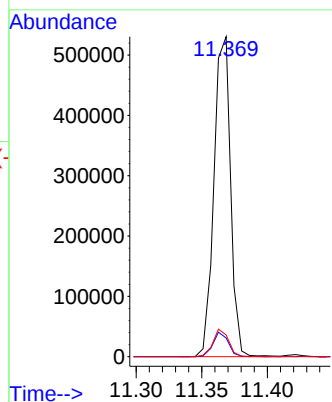
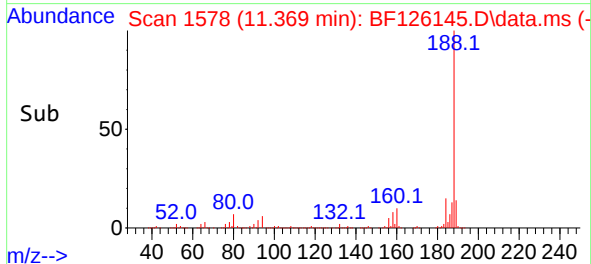
Instrument :
BNA_F
ClientSampleId :
TT-6/4-5



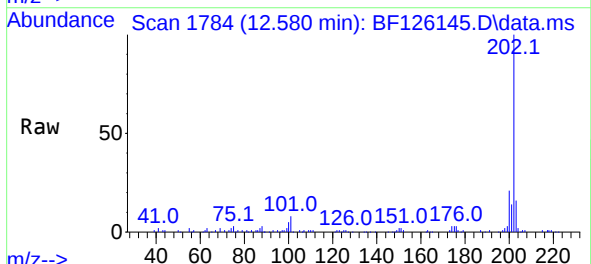
Tgt Ion:188 Resp: 467344
Ion Ratio Lower Upper
188 100
94 5.9 6.7 10.1
80 6.8 7.5 11.3

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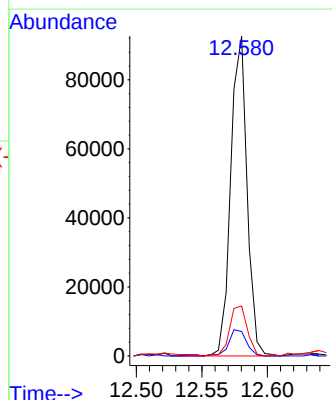
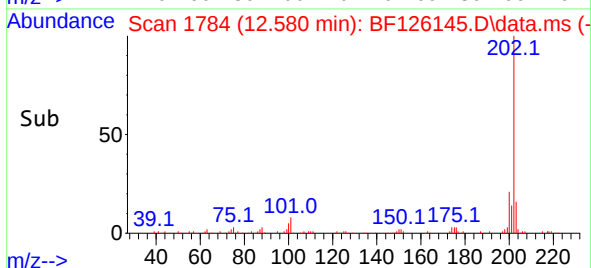
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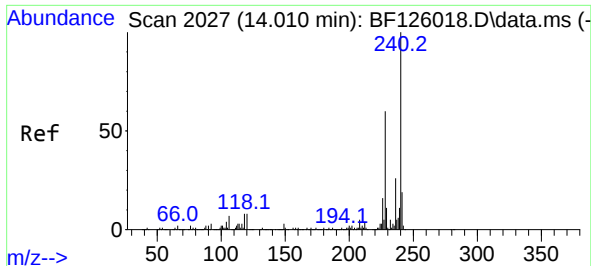


#75
Fluoranthene
Concen: 2.848 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



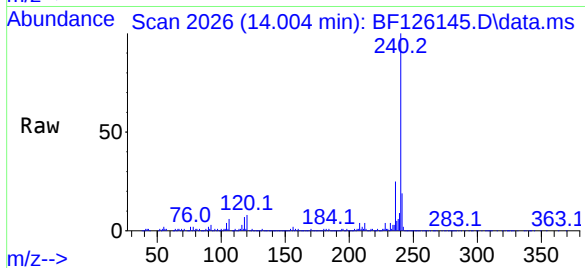
Tgt Ion:202 Resp: 80371
Ion Ratio Lower Upper
202 100
101 7.6 0.0 30.7
203 15.6 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

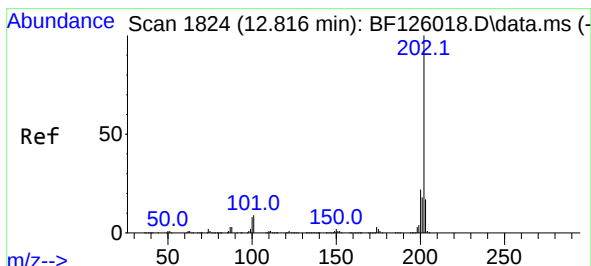
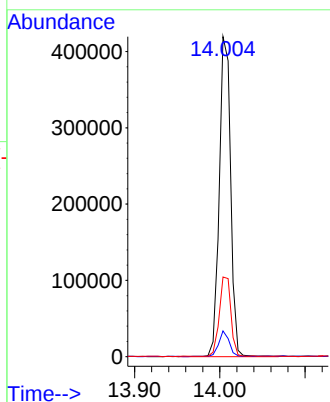
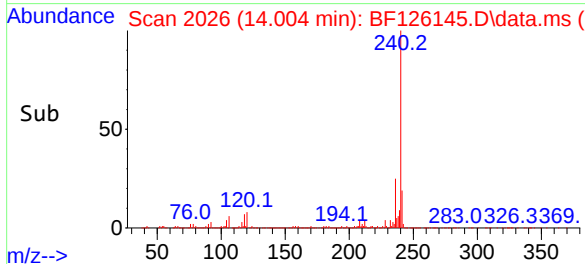
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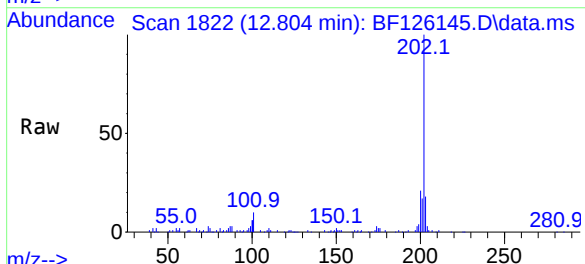
Tgt Ion:240 Resp: 387320
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2
236 24.9 21.6 32.4

Manual Integrations
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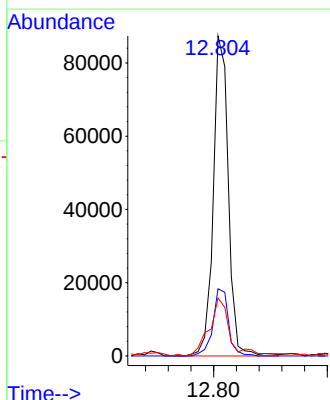
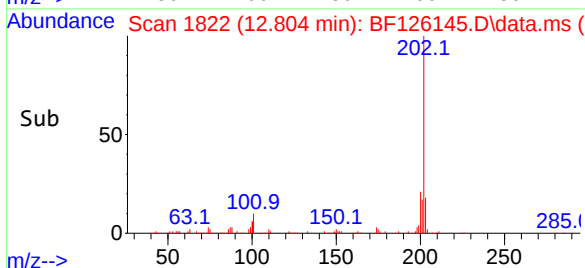
Reviewed By :Jagrut Upadhyay 11/12/2021
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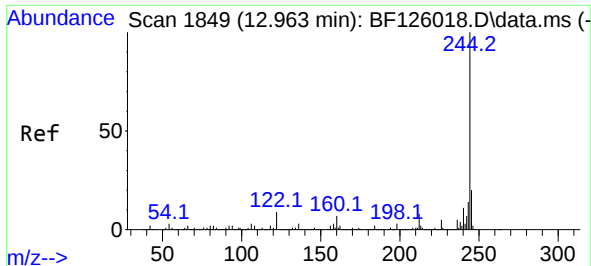


#78
Pyrene
Concen: 2.589 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



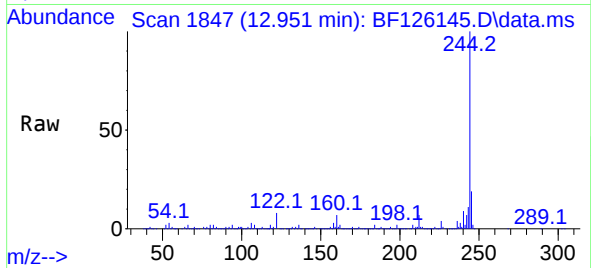
Tgt Ion:202 Resp: 80432
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 18.1 13.4 20.0





#79
Terphenyl-d14
Concen: 23.567 ng
RT: 12.951 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

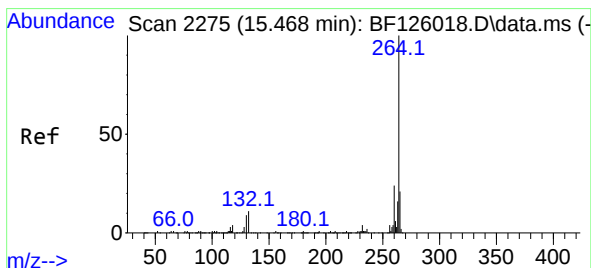
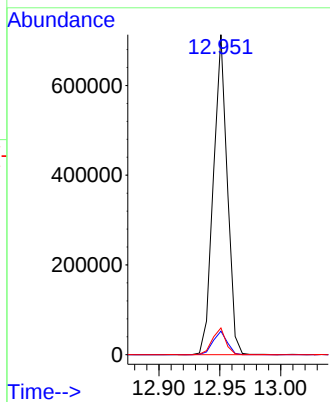
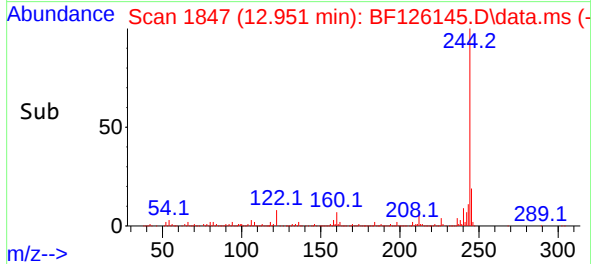
Instrument :
BNA_F
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TT-6/4-5



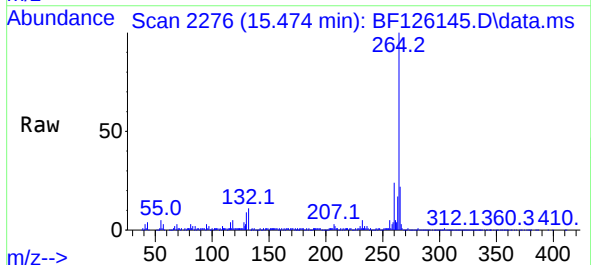
Tgt Ion:244 Resp: 56606
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.3 9.0 13.4

Manual Integrations
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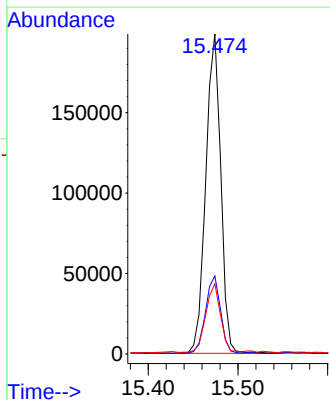
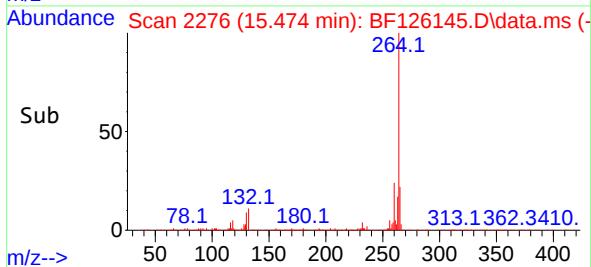
Reviewed By :Jagrut Upadhyay 11/12/2021
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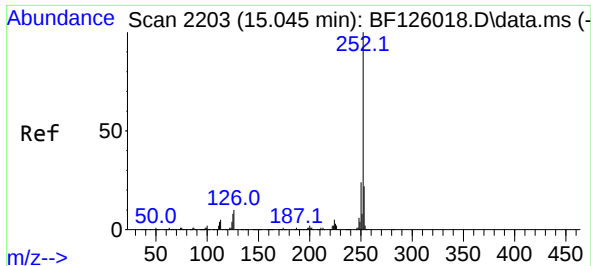


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



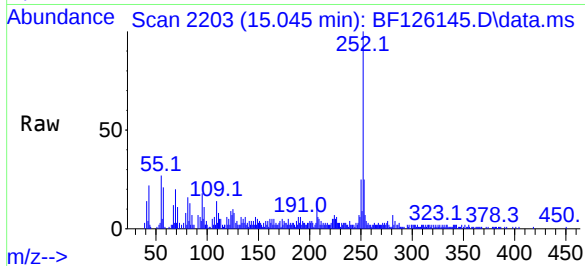
Tgt Ion:264 Resp: 230659
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.0 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.043 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43

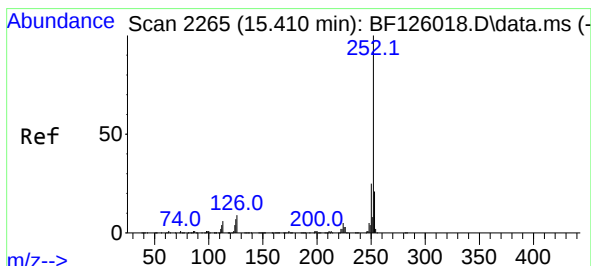
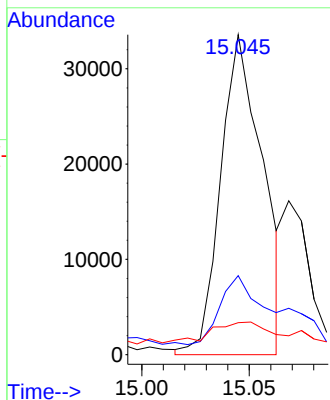
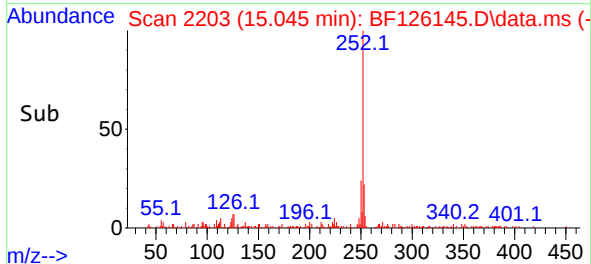
Instrument :
BNA_F
ClientSampleId :
TT-6/4-5



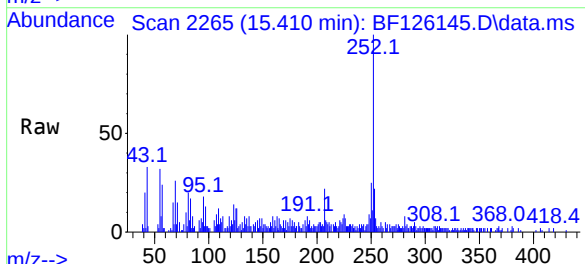
Tgt Ion:252 Resp: 45650
Ion Ratio Lower Upper
252 100
253 24.7 16.8 25.2
125 10.0 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#90
Benzo(a)pyrene
Concen: 2.434 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126145.D
Acq: 12 Nov 2021 1:43



Tgt Ion:252 Resp: 28771
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 12.3 9.9 14.9

